

SECTION **SRC**

SRS AIRBAG CONTROL SYSTEM

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DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

[COUPE (EXCEPT FOR MEXICO)]

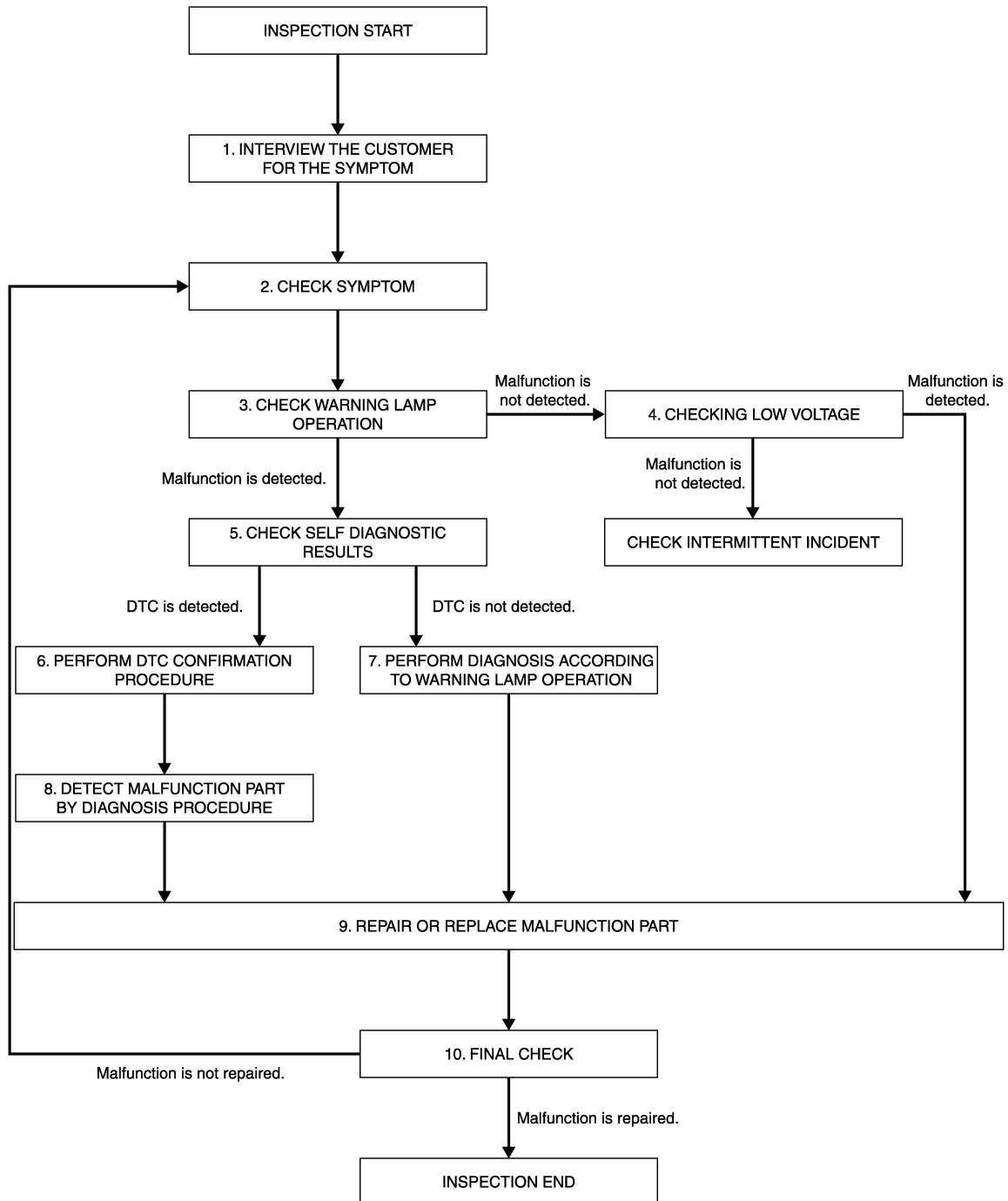
BASIC INSPECTION

DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

INFOID:000000011739691

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DETAILED FLOW

DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

[COUPE (EXCEPT FOR MEXICO)]

1. INTERVIEW THE CUSTOMER FOR THE SYMPTOM

Interview the customer for the symptom (the condition and the environment when the incident/malfunction occurs).

>> GO TO 2.

2. CHECK SYMPTOM

Check the symptom from the customer information.

>> GO TO 3.

3. CHECK WARNING LAMP OPERATION

Check air bag warning lamp operation in the user mode. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

Are any malfunction detected?

YES >> GO TO 5.

NO >> GO TO 4.

4. CHECK LOW VOLTAGE

Check low voltage with CONSULT. Refer to [SRC-25, "CONSULT Function"](#).

Are any malfunction detected?

YES >> GO TO 9.

NO >> Check intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

5. CHECK SELF DIAGNOSTIC RESULTS

Check self diagnostic result with CONSULT or diagnosis mode.

If it is impossible to switch to diagnosis mode, follow the same procedure that DTC is not detected.

NOTE:

Perform the following procedure if DTC is detected.

- Record DTC (Print them out with CONSULT.)
- Erase self diagnostic result.
- Study the relationship between the malfunction that DTC or air bag warning lamp indicates and the symptom that the customer describes.
- Check related service bulletins for information.

Is DTC detected?

YES >> GO TO 6.

NO >> GO TO 7.

6. PERFORM DTC CONFIRMATION PROCEDURE

Perform DTC CONFIRMATION PROCEDURE for the DTC.

>> GO TO 8.

7. PERFORM DIAGNOSIS ACCORDING TO WARNING LAMP OPERATION

1. Check air bag warning lamp operation in the user mode. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).
2. Perform Diagnosis Procedure for the air bag warning lamp operation. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#) (USER MODE).

>> GO TO 9.

8. DETECT MALFUNCTIONING PART BY DIAGNOSTIC PROCEDURE

Inspect according to Diagnostic Procedure of the DTC.

>> GO TO 9.

DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

[COUPE (EXCEPT FOR MEXICO)]

9.REPAIR OR REPLACE THE MALFUNCTION PART

Repair or replace the malfunctioning part.

>> GO TO 10.

10.FINAL CHECK

Check self diagnostic result and air bag warning lamp operation in the user mode.

Is the malfunction repaired?

YES >> INSPECTION END

NO >> GO TO 2.

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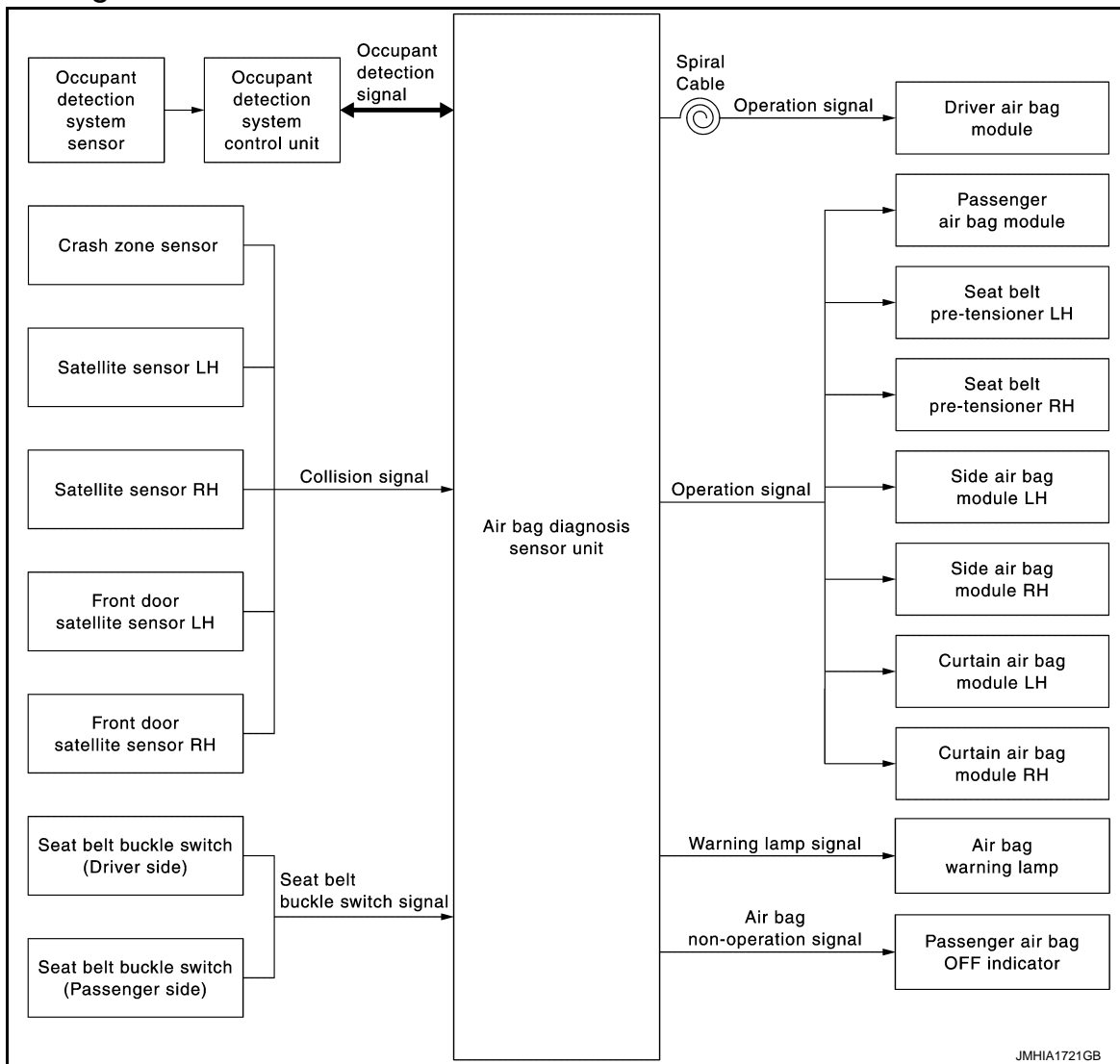
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SYSTEM DESCRIPTION

SRS AIR BAG SYSTEM

System Diagram

INFOID:000000011739692



System Description

INFOID:000000011739693

Supplemental Restraint System (SRS) activates air bag module and seat belt pre-tensioner when it detects a frontal collision or a side collision that is more than the specified limit. Together with other safety devices, it reduces the impact that occupant receives when vehicle collision occurs.

Air bag diagnosis sensor unit supplies power supply to air bag module and pre-tensioner seat belt when deceleration that is more than the specified limit is detected by G sensor in air bag diagnosis sensor unit, crash zone sensor, or satellite sensor, or when pressure that is more than the specified limit is detected by front door satellite sensor. Air bag module is composed of electric igniter (squib), filter, pyrotechnic material, and gas generating material. When air bag module receives a signal from air bag diagnosis sensor unit, air bag module ignites pyrotechnic material using electric igniter (squib) so that gas generating material generates high temperature nitrogen gas. The gas through filter activates air bag. At the same time, pre-tensioner seat belt receives power supply from air bag diagnosis sensor unit, gas generator is activated, and then gas is generated. Balls in pipe are moved according to generated gas pressure and strike pinion gear on ELR shaft. ELR shaft rotates and retracts seat belt.

When air bag diagnosis sensor unit detects a rollover of the vehicle, electric igniter (squib) receives power supply, pyrotechnic material is ignited, and then piston is projected.

AIR BAG DIAGNOSIS SENSOR UNIT FUNCTIONS

SRS AIR BAG SYSTEM

< SYSTEM DESCRIPTION >

[COUPE (EXCEPT FOR MEXICO)]

Air bag diagnosis sensor unit has the following functions.

- Detects a collision and supplies the energy for deploying air bag and seat belt pre-tensioner.
- Detects and records electrical malfunction in air bag system and seat belt pre-tensioner system, and blinking air bag warning lamp.
- Detects and records the deployment of air bag and seat belt pre-tensioner, and turns ON air bag warning lamp.
- Indicates malfunctioning portion via the number of blinks from the air bag warning lamp in the diagnosis mode.
- Indicates the malfunction record via CONSULT.
- Suppresses the deployment of passenger air bag when passenger seat is empty or occupied by child or child-seat.
- When passenger seat is occupied by child or child seat, turns ON passenger air bag OFF indicator.
- When judges that passenger seat is occupied by an adult or a child and passenger seat belt is not fastened, turns ON seat belt warning lamp. Further information for the seat belt warning system, refer to [SBC-3, "System Description"](#).

COLLISION MODE

- The operation of supplemental restraint system is different depending on the collision modes applications. For example, the driver air bag module, passenger air bag module and seat belt pre-tensioner are activated in a frontal collision but not in a side collision.
- SRS configurations that are activated for some collision modes are as per the following.

SRS configuration	Frontal collision	Rear collision	Left side collision	Right side collision
Driver air bag module	×	—	—	—
Passenger air bag module	×	—	—	—
Seat belt pre-tensioner LH	×	—	×	—
Seat belt pre-tensioner RH	×	—	—	×
Side air bag module LH	—	—	×	—
Side air bag module RH	—	—	—	×
Curtain air bag module LH	—	—	×	—
Curtain air bag module RH	—	—	—	×

×: Apply

—: Not apply

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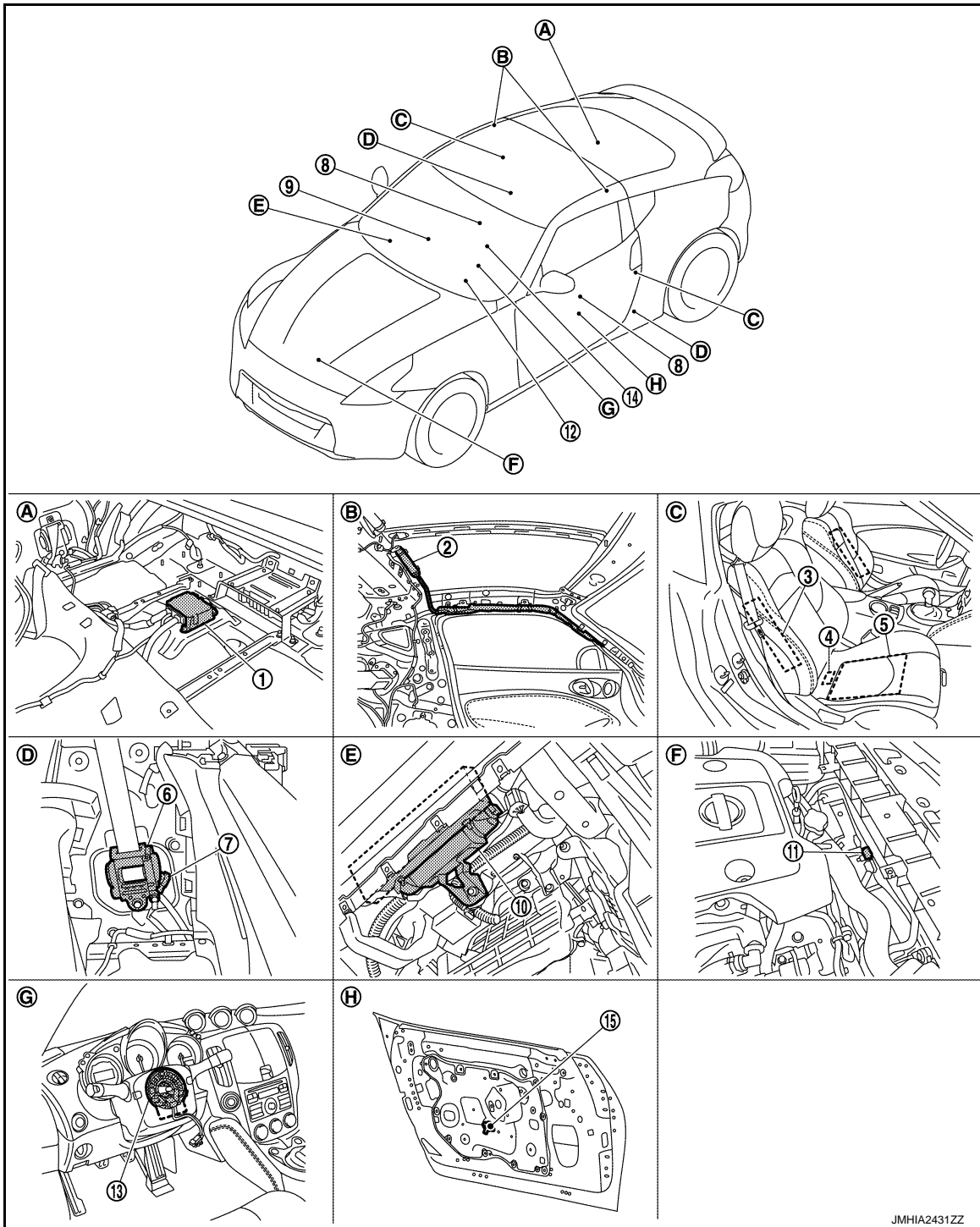
SRS AIR BAG SYSTEM

< SYSTEM DESCRIPTION >

[COUPE (EXCEPT FOR MEXICO)]

Component Parts Location

INFOID:000000011739694



- | | | |
|--|--|---------------------------------------|
| 1. Air bag diagnosis sensor unit | 2. Curtain air bag module LH/RH | 3. Side air bag module LH/RH |
| 4. Occupant Classification System control unit | 5. Occupant Classification System seat sensor mat | 6. Seat belt pre-tensioner LH/RH |
| 7. Satellite sensor LH/RH | 8. Seat belt buckle switch (Driver side/ Passenger side) | 9. Passenger air bag OFF indicator |
| 10. Passenger air bag module | 11. Crash zone sensor | 12. Combination meter |
| 13. Combination switch (spiral cable) | 14. Driver air bag module | 15. Front door satellite sensor LH/RH |
| A. Behind seatback center finisher | B. Behind headlining | C. Passenger seat |

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SRS AIR BAG SYSTEM

< SYSTEM DESCRIPTION >

[COUPE (EXCEPT FOR MEXICO)]

- D. Behind rear side finisher E. Behind glove box assembly F. Radiator core support assembly
 G. View with steering wheel removed H. View with front door finisher removed

Component Description

INFOID:000000011739695

Component	Function
Air bag diagnosis sensor unit	Detects a collision and supplies power supply for deployment to air bag module and pre-tensioner seat belt.
Air bag module <ul style="list-style-type: none"> • Driver • Passenger • Side • Curtain 	Receives signal from air bag diagnosis sensor unit and deploys air bag.
Seat belt pre-tensioner	Receives signal from air bag diagnosis sensor unit and deploys seat belt pre-tensioner.
Seat belt buckle switch	Controls deployment timing based on seat belt fastened or unfastened condition.
Crash zone sensor	Transmits signal to air bag diagnosis sensor unit when a frontal collision occurs.
Satellite sensor (LH/RH)	Transmits signal to air bag diagnosis sensor unit when a side collision occurs.
Occupant Classification System control unit*	Detects passenger seat occupant and judges whether or not passenger seat air bag is deployed.
Combination meter (air bag warning lamp)	Indicates air bag malfunctioning and deployment by blinking and illuminating air bag warning lamp.
Passenger air bag OFF indicator	Indicates whether or not passenger air bag is in the activation mode based on the judgement of Occupant Classification System.
Combination switch (spiral cable)	Supplies power supply to driver air bag module on steering wheel.
Front door satellite sensor (LH/RH)	Transmits signal to air bag diagnosis sensor unit when a side collision occurs.

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OCCUPANT CLASSIFICATION SYSTEM

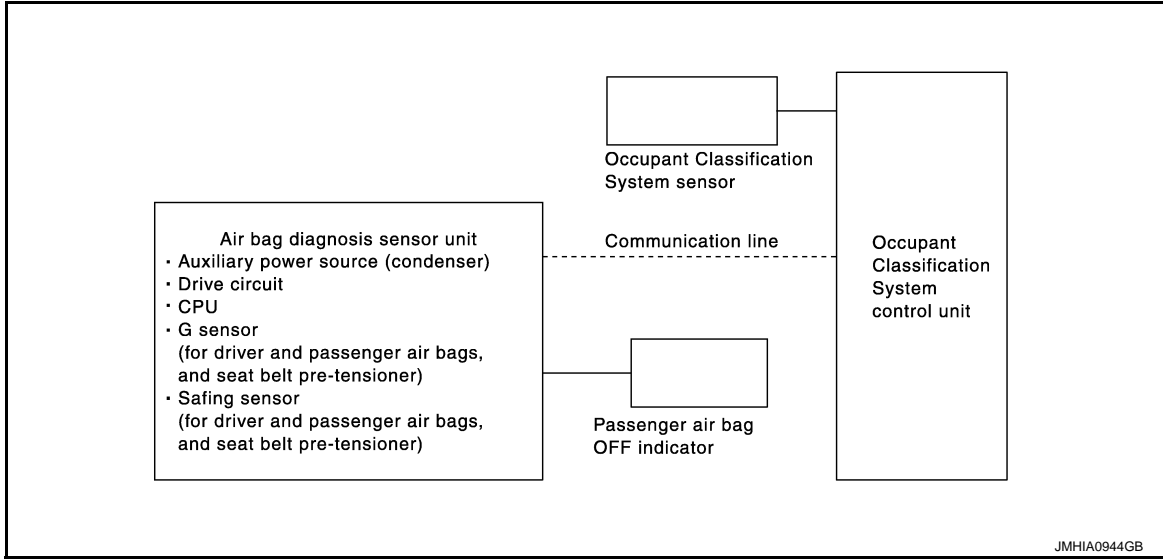
< SYSTEM DESCRIPTION >

[COUPE (EXCEPT FOR MEXICO)]

OCCUPANT CLASSIFICATION SYSTEM

System Diagram

INFOID:000000011739696



System Description

INFOID:000000011739697

Occupant Classification System has the following functions.

- Suppresses the deployment of passenger air bag when front passenger seat is empty, or when occupied by child and child-seat.
- Turns on passenger air bag OFF indicator when front passenger seat is occupied by child-seat and child.
- Indicates malfunction portion via the number of blinks from the air bag warning lamp in the diagnosis mode.
- Indicates the malfunctioning record via CONSULT.

Status (passenger seat)	Passenger air bag	Passenger air bag OFF indicator	Air bag warning lamp
Empty	Suppress	OFF	OFF
Child/child-seat	Suppress	ON	OFF
Adult	Enable to deploy	OFF	OFF
Malfunction	Suppress	ON	Blinking

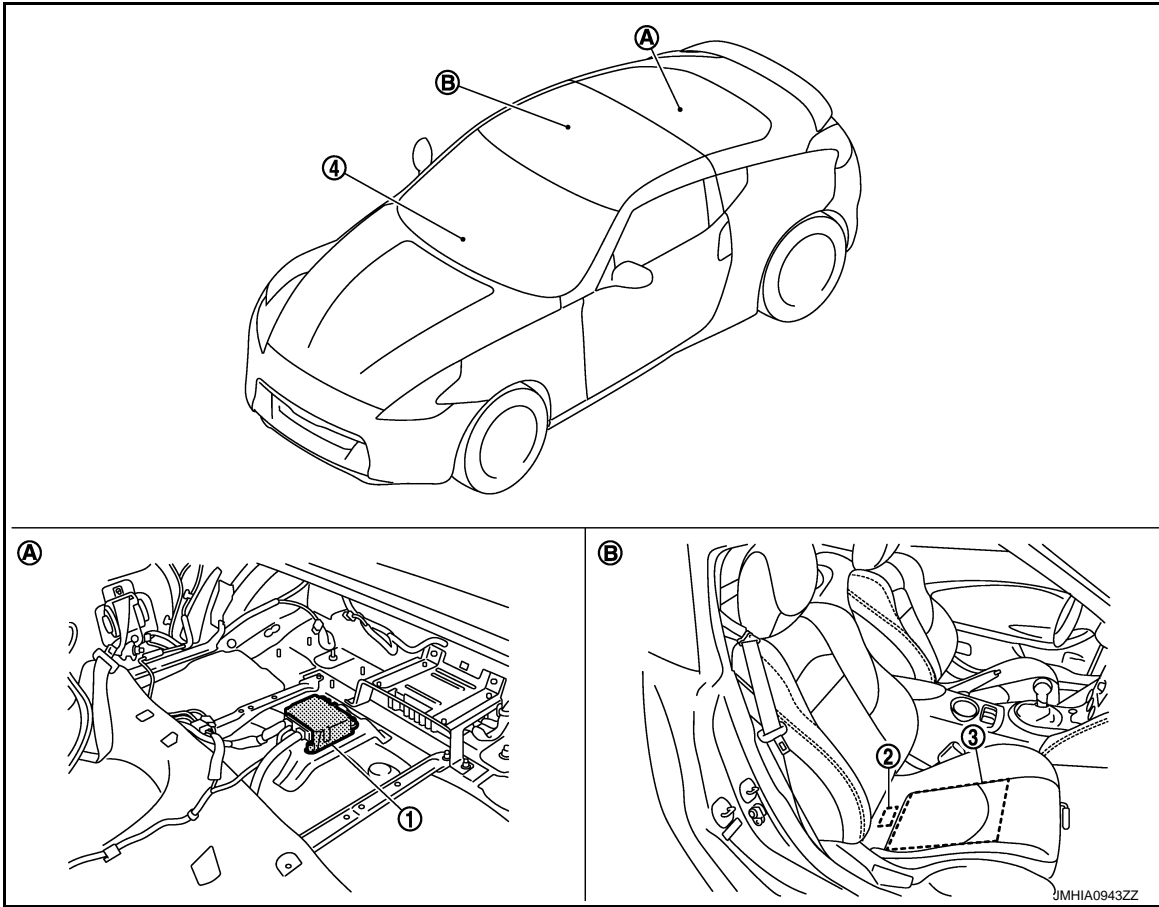
OCCUPANT CLASSIFICATION SYSTEM

[COUPE (EXCEPT FOR MEXICO)]

< SYSTEM DESCRIPTION >

Component Parts Location

INFOID:000000011739698



- 1. Air bag diagnosis sensor unit
- 2. Occupant Classification System control unit
- 3. Occupant Classification System seat sensor mat
- 4. Passenger air bag OFF indicator
- A. Behind seatback center finisher
- B. Passenger seat

Component Description

INFOID:000000011739699

Component parts	Outline of function
Occupant Classification System seat sensor mat	Detects if the passenger seat is empty or occupied. It is integrated into the seat cushion and detects the occupants with occupant classification system control unit that classifies the occupants.
Occupant Classification System control unit	Transmits the passenger seat status (occupied or empty) to air bag diagnosis sensor unit. It is installed in the passenger seat cushion.
Passenger air bag OFF indicator	Turns the passenger air bag OFF indicator lamp ON when the front passenger seat is occupied by a child or a child-seat

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DIAGNOSIS SYSTEM (AIR BAG)

< SYSTEM DESCRIPTION >

[COUPE (EXCEPT FOR MEXICO)]

DIAGNOSIS SYSTEM (AIR BAG)

Diagnosis Description

INFOID:000000011739700

CAUTION:

- **Never use electrical test equipment on any circuit related to the SRS unless instructed in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.**
- **Never repair, splice or modify the SRS wiring harness. If the harness is damaged, replace it with a new one.**
- **Keep ground portion clean.**

DIAGNOSIS FUNCTION

- The SRS self-diagnosis results can be read with air bag warning lamp and/or CONSULT.
- The user mode is exclusively prepared for the customer (driver). This mode warns the driver of a system malfunction through the operation of the air bag warning lamp.
- The diagnosis mode allows the technician to locate and inspect the malfunctioning part.

Diagnosis with Air Bag Warning Lamp

INFOID:000000011739701

SELF DIAGNOSIS FUNCTION

There are two self diagnosis functions with air bag warning lamp per the following items.

- USER MODE
- DIAGNOSIS MODE

METHOD OF STARTING

- User mode is a mode for ordinary use. When a malfunction of SRS air bag is detected, SRS air bag warning lamp blinks to warn the user.
- Diagnosis mode enables malfunctioning system to be checked according to the number of blinks.
- User mode or Diagnosis mode changes from diagnosis mode when changing operation is performed.
- In user mode, when SRS air bag warning lamp is not blinking, changing to diagnosis mode by ignition switch operation is not possible.
- In diagnosis mode, SRS air bag warning lamp may turn ON after ignition switch operation more than 7 seconds, but it is possible to change the status from diagnosis mode to user mode by ignition switch operation after 7 seconds.
- When multiple systems malfunction is detected, all of the malfunctions are displayed in Diagnosis mode.

Procedure to Change Diagnosis Mode

1. Turn ignition switch from OFF to ON.
2. SRS air bag lamp turns ON for 7 seconds, then turn ignition switch OFF within 2 seconds after the lamp turns OFF.
3. After turning ignition switch OFF, wait for 3 seconds or more.
4. Repeat operation 1 to 3 for 2 times so that operation 1 to 3 is repeated for 3 times in total.
5. Turn ignition switch from OFF to ON. Diagnosis mode changes.

CAUTION:

- **In Diagnosis mode, if the system is normal and “PAST“ of “Self Diagnostic Result“ is indicated, always perform “ERASE“ of “Self Diagnostic Result“ using CONSULT.**
- **When “ERASE“ of “Self Diagnostic Result“ is performed using CONSULT, the mode changes automatically from Diagnosis mode to User mode.**

USER MODE

In USER MODE, air bag warning lamp on combination meter blinks when a malfunction is detected and warns the customer (driver).

How to Read Air Bag Warning Lamp

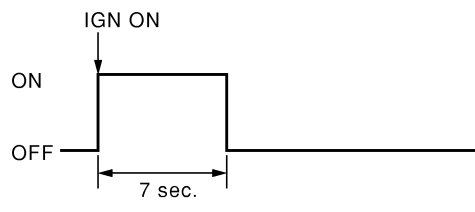
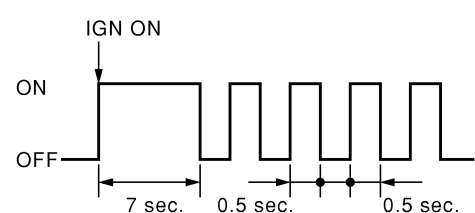
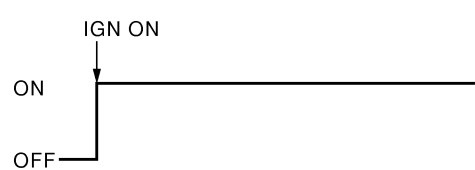
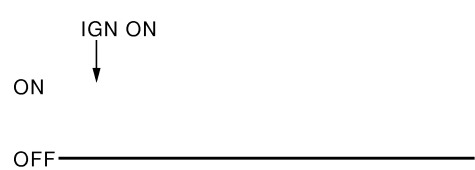
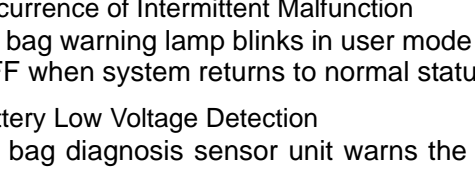

1. Turn the ignition switch from OFF to ON, and check that the air bag warning lamp blinks.
2. Compare the air bag warning lamp blinking pattern with the examples.

Air Bag Warning Lamp Examples

DIAGNOSIS SYSTEM (AIR BAG)

< SYSTEM DESCRIPTION >

[COUPE (EXCEPT FOR MEXICO)]

Air bag warning lamp operation (user mode)	SRS condition	Reference item
 <p style="text-align: center; font-size: small;">SHIA0011E</p>	<ul style="list-style-type: none"> No malfunction is detected No further action is necessary 	<p>Change to Diagnosis mode is not possible when the system is normal.</p>
 <p style="text-align: center; font-size: small;">SHIA0012E</p>	<p>The system is malfunctioning</p>	<p>Refer to SRC-25, "CONSULT Function" or "DIAGNOSIS MODE"</p>
 <p style="text-align: center; font-size: small;">SHIA0013E</p>	<ul style="list-style-type: none"> Air bag is deployed Seat belt pre-tensioner is deployed 	<p>Refer to SRC-70, "Diagnosis Procedure", SRC-71, "Diagnosis Procedure"</p>
 <p style="text-align: center; font-size: small;">SHIA0014E</p>	<ul style="list-style-type: none"> Air bag diagnosis sensor unit is malfunctioning Air bag power supply circuit is malfunctioning Air bag warning lamp circuit is malfunctioning 	<p>Refer to SRC-96, "Diagnosis Procedure"</p>
 <p style="text-align: center; font-size: small;">SHIA0013E</p>	<p>Battery voltage is low (less than 9 V, or 16 V or more)</p>	<p>Refer to "BATTERY LOW VOLTAGE DETECTION" or "BATTERY HIGH VOLTAGE DETECTION"</p>
 <p style="text-align: center; font-size: small;">SHIA0014E</p>	<ul style="list-style-type: none"> Air bag diagnosis sensor unit is malfunctioning Air bag warning lamp circuit is malfunctioning 	<p>Refer to SRC-97, "Diagnosis Procedure"</p>

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Occurrence of Intermittent Malfunction

Air bag warning lamp blinks in user mode when an intermittent malfunction occurs. Air bag warning lamp turns OFF when system returns to normal status.

Battery Low Voltage Detection

Air bag diagnosis sensor unit warns the driver by turning air bag warning lamp ON when air bag diagnosis sensor unit detects battery low voltage. Air bag warning lamp turns ON when a voltage value at which air bag diagnosis sensor unit cannot operate normally (9 V or less) is detected for 10 seconds or more. After starting to turn ON, air bag warning lamp turns OFF when air bag diagnosis sensor unit detects the normal value of battery voltage for 10 seconds or more.

DIAGNOSIS SYSTEM (AIR BAG)

[COUPE (EXCEPT FOR MEXICO)]

< SYSTEM DESCRIPTION >

The mode cannot be switched to diagnosis mode by ignition switch while air bag warning lamp turns ON due to this cause.

Battery High Voltage Detection

Air bag diagnosis sensor unit warns the driver by turning air bag warning lamp ON when air bag diagnosis sensor unit detects battery low voltage. Air bag warning lamp turns ON when a voltage value at which air bag diagnosis sensor unit cannot operate normally (16 V or more) is detected for 3 seconds or more. After starting to turn ON, air bag warning lamp turns OFF when air bag diagnosis sensor unit detects the normal value of battery voltage for 3 seconds or more.

The mode cannot be switched to diagnosis mode by ignition switch while air bag warning lamp turns ON due to this cause.

DIAGNOSIS MODE

The diagnosis mode can only be switched when a malfunction is detected in the user mode. Malfunctioning system is indicated according to blinking pattern of air bag warning lamp.

How to Read Air Bag Warning Lamp

1. Follow the procedures of "PROCEDURE TO CHANGE DIAGNOSIS MODE", and switch to the diagnosis mode.
2. Turn ignition switch ON. Check the blinking pattern of air bag warning lamp.
There are 4 blinking patterns for the air bag warning lamp as per the following items.
 - Front air bag system: Two 1.5 second blinks followed by a 0.5 second blink repeated.
 - Side air bag system: Three 1.5 second blinks followed by a 0.5 second blink repeated.
 - Air bag control unit system: 3 second blink followed by a 0.5 second blink repeated.
 - Sensor system: Two 3 second blinks followed by a 0.5 second blink repeated.

Air bag control unit system

Number of 0.5 second blinks	Malfunctioning items
1	Collision detection
2	Air bag diagnosis sensor unit
3	Front passenger air bag indicator
4	Occupant classification system control unit

Sensor system

Number of 0.5 second blinks	Malfunctioning items
1	Crash zone sensor
2	Satellite sensor LH
3	Satellite sensor RH
6	Front door satellite sensor LH or RH
7	Front door satellite sensor RH
12	Satellite sensor

Front air bag system

Number of 0.5 second blinks	Malfunctioning items
1	Driver air bag module
2	Passenger air bag module
3	Seat belt pre-tensioner LH
4	Seat belt pre-tensioner RH

Side air bag system

Number of 0.5-second blinks	Malfunctioning items
1	Side air bag module LH
2	Side air bag module RH
3	Curtain air bag module LH
4	Curtain air bag module RH

How to Erase Self-diagnostic Result

DIAGNOSIS SYSTEM (AIR BAG)

[COUPE (EXCEPT FOR MEXICO)]

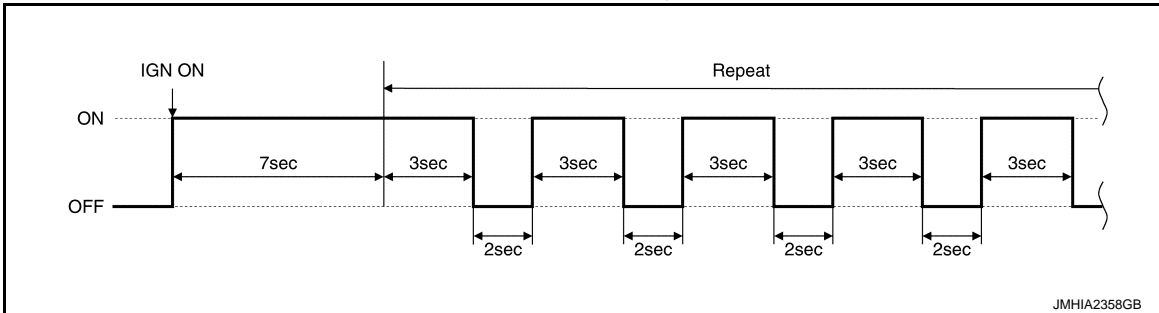
< SYSTEM DESCRIPTION >

After completing the indicated repair, check the system condition in Diagnosis mode and perform "ERASE" of "Self Diagnostic Result" using CONSULT.

EXAMPLE OF AIR BAG WARNING LAMP OPERATION IN THE DIAGNOSIS MODE

System Normal

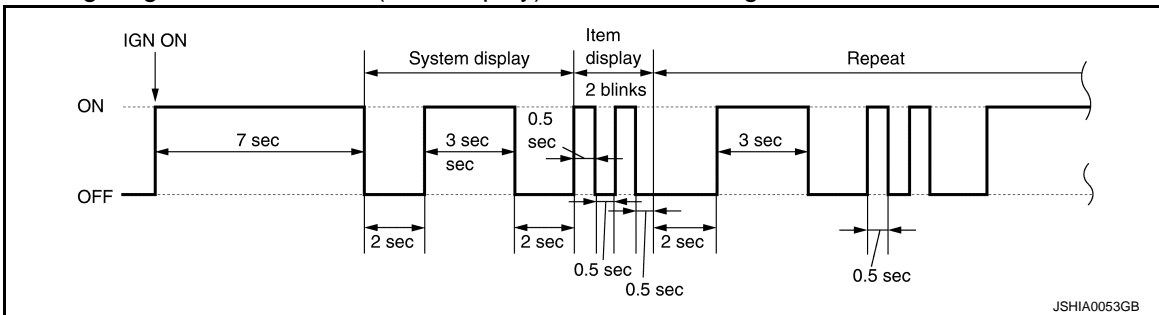
When the system is normal and "PAST" displayed in "Self Diagnostic Result".



Single System Malfunction

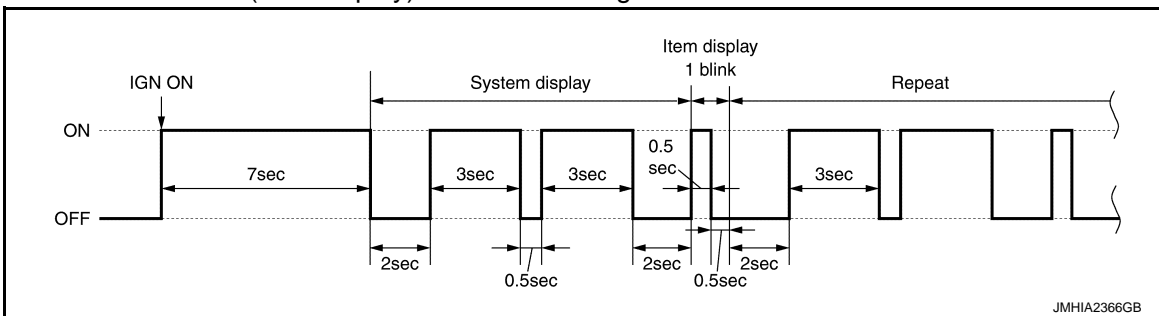
- Air bag control unit system

When air bag diagnosis sensor unit (Item display) is malfunctioning.



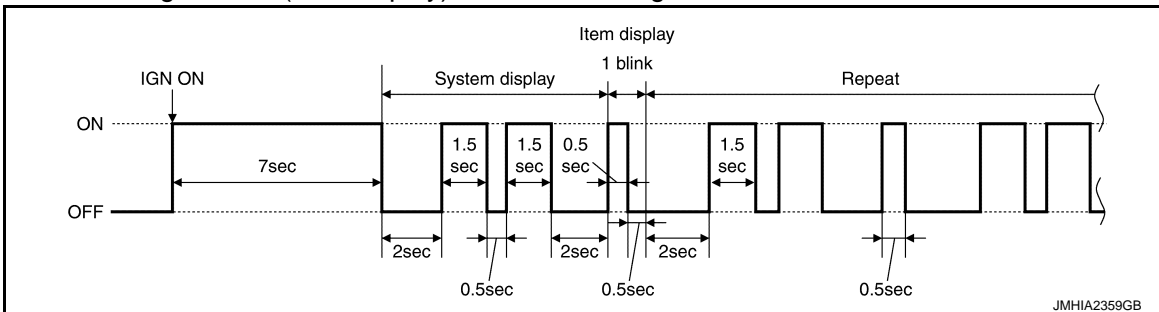
- Sensor system

When crash zone sensor (Item display) is malfunctioning.



- Front air bag system

When driver air bag module (Item display) is malfunctioning.



- Side air bag system

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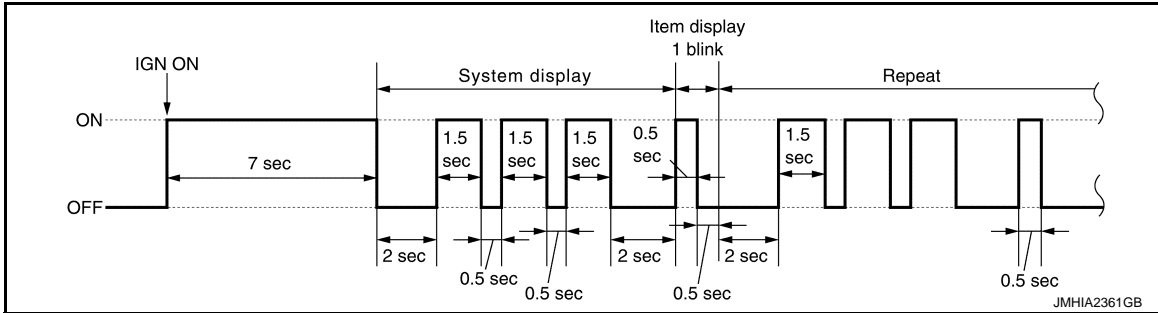
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DIAGNOSIS SYSTEM (AIR BAG)

[COUPE (EXCEPT FOR MEXICO)]

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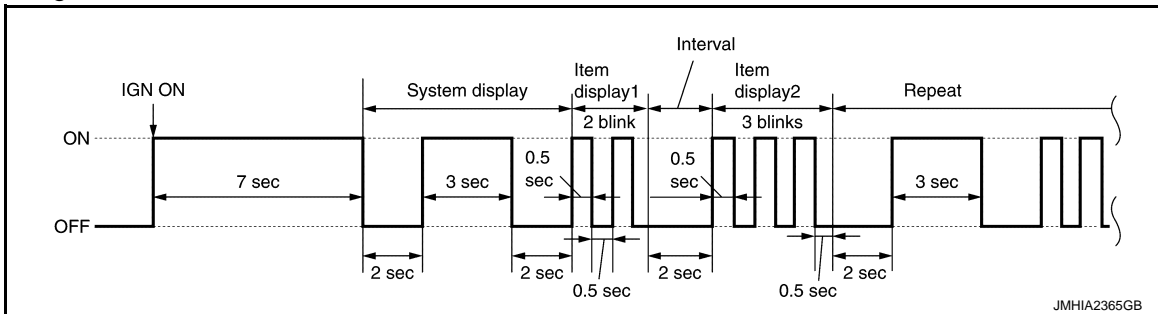
When side air bag module LH (Item display) is malfunctioning.



Multiple Systems Malfunction

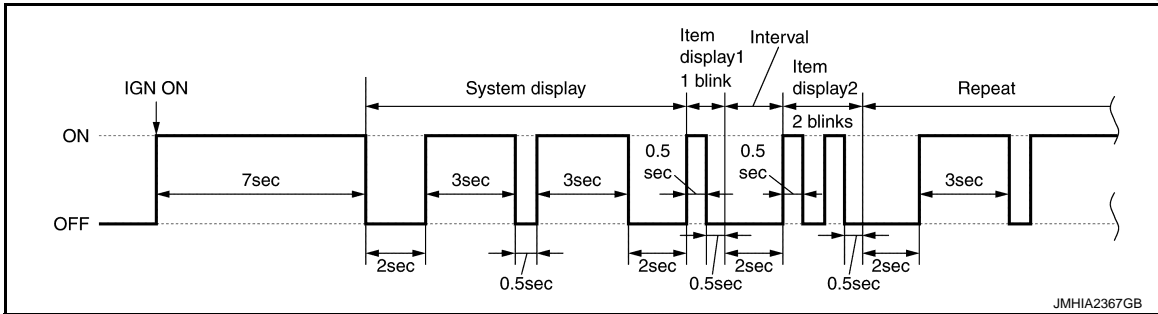
- Air bag control unit system

When air bag diagnosis sensor unit (Item display 1) and passenger air bag indicator (Item display 2) are malfunctioning.



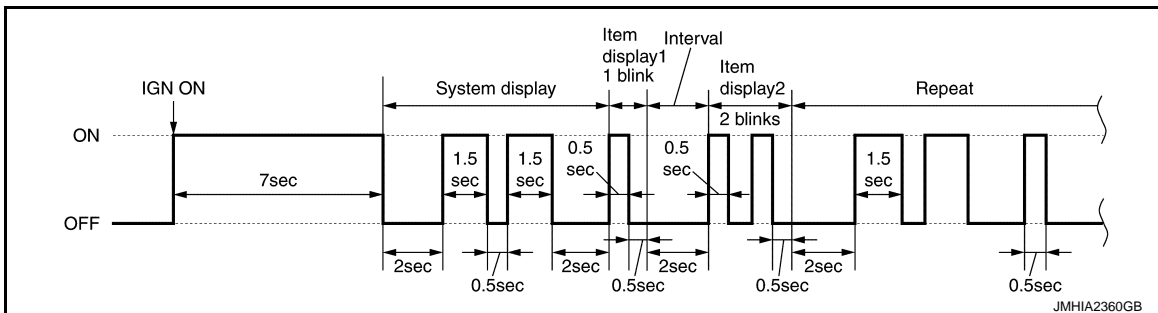
- Sensor system

When crash zone sensor (Item display 1) and satellite sensor LH (Item display 2) are malfunctioning.



- Front air bag system

When driver air bag module (Item display 1) and passenger air bag module (Item display 2) are malfunctioning.



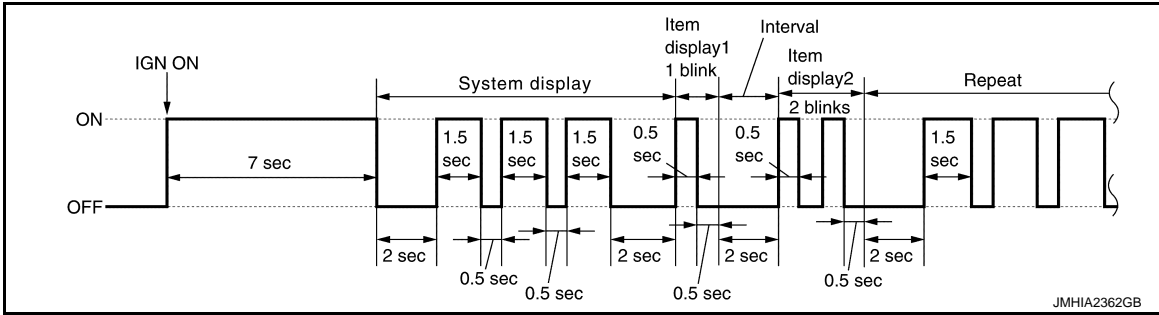
- Side air bag system

DIAGNOSIS SYSTEM (AIR BAG)

[COUPE (EXCEPT FOR MEXICO)]

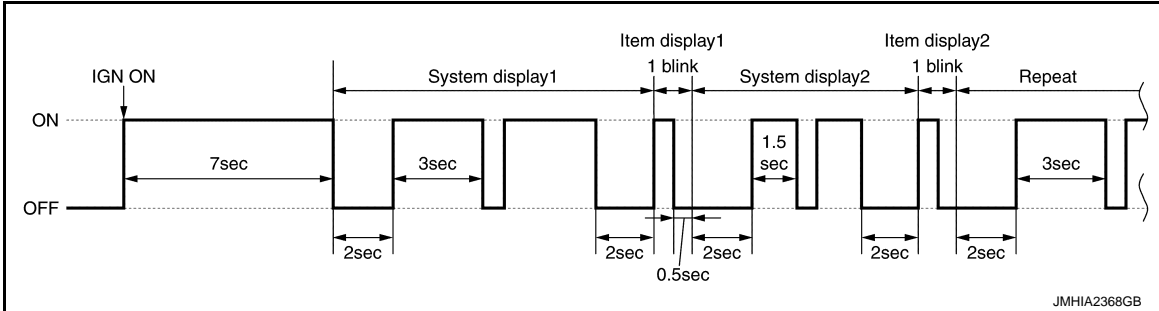
< SYSTEM DESCRIPTION >

When side air bag module LH (Item display 1) and side air bag module LH (Item display 2) are malfunctioning.



- Sensor system and front air bag system

When crash zone sensor system (Item display 1) and driver air bag module (Item display 2) are malfunctioning.



CONSULT Function

INFOID:000000011739702

SRC

APPLICATION ITEM

CONSULT performs the following functions.

Diagnosis mode	Description
Self Diagnostic Result	<ul style="list-style-type: none"> • Self-diagnosis result is displayed. • "No DTC" is displayed when repair is completed by part replacement or other operations. • "SELF-DIAG RESULT [MEMORY]" is displayed until "Erase" performed.
Data Monitor	This item is displayed, but cannot be supported.
ECU Identification	Air bag diagnosis sensor unit ECU discriminated number (identification number) or part number is displayed. Air bag diagnosis sensor unit has individual ECU discriminated number (identification number) or part number based on model and equipment.
TROUBLE DIAG RECORD	With TROUBLE DIAG RECORD, diagnosis results previously erased by a reset operation can be displayed on CONSULT screen.

SELF-DIAG RESULT

Refer to [SRC-81, "DTC Index"](#).

U1000 CAN COMM CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

DTC/CIRCUIT DIAGNOSIS

U1000 CAN COMM CIRCUIT

Description

INFOID:0000000011739703

CAN (Controller Area Network) is a serial communication line for real time applications. It is an on-vehicle multiplex communication line with high data communication speed and excellent error detection ability. Modern vehicle is equipped with many electronic control unit, and each control unit shares information and links with other control units during operation (not independent). In CAN communication, control units are connected with 2 communication lines (CAN H-line, CAN L-line) allowing a high rate of information transmission with less wiring. Each control unit transmits/receives data but selectively reads required data only. CAN Communication Signal Chart. Refer to [LAN-27, "CAN System Specification Chart"](#).

DTC Logic

INFOID:0000000011739704

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)	DTC Detection Condition	Possible cause
U1000-01	CAN COMM CIRCUIT (CAN communication circuit)	When air bag diagnosis sensor unit cannot communicate CAN communication signal continuously for 2 seconds or more.	CAN communication system

Diagnosis Procedure

INFOID:0000000011739705

1. PERFORM SELF DIAGNOSTIC

1. Turn ignition switch ON and wait for 2 seconds or more.
2. Check "SELF-DIAG RESULT [CAN]".

Is DTC "U1000-01" displayed?

- YES >> Refer to [LAN-16, "Trouble Diagnosis Flow Chart"](#).
NO >> Refer to [GI-45, "Intermittent Incident"](#).

U1010 CONTROL UNIT (CAN)

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

U1010 CONTROL UNIT (CAN)

DTC Logic

INFOID:000000011739706

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)	DTC Detection Condition	Possible cause
U1010-49	CONTROL UNIT (CAN) [Control unit (CAN)]	Air bag diagnosis sensor unit detected internal CAN communication circuit malfunction.	Air bag diagnosis sensor unit

Diagnosis Procedure

INFOID:000000011739707

1. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

When DTC "U1010-49" is detected, replace Air bag diagnosis sensor unit.

>> Replace Air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).

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B0001 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

B0001 DRIVER AIR BAG MODULE

DTC Logic

INFOID:000000011739708

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)	DTC detecting condition	Possible cause
B0001-00	DRIVER AIRBAG MODULE [Driver Frontal Stage 1 Deployment Control (Subfault)]	[SHORT]	<ul style="list-style-type: none"> • Connection malfunction or short circuit of harness and connector • Internal malfunction of driver air bag module • Internal malfunction of air bag diagnosis sensor unit
B0001-09		[SHORT]	
B0001-11		[GND-SHORT]	<ul style="list-style-type: none"> • Connection malfunction or short circuit to ground of harness and connector • Internal malfunction of driver air bag module • Internal malfunction of air bag diagnosis sensor unit
B0001-12		[VB-SHORT]	<ul style="list-style-type: none"> • Connection malfunction or short circuit to power supply of harness and connector • Internal malfunction of driver air bag module • Internal malfunction of air bag diagnosis sensor unit
B0001-13		[OPEN]	<ul style="list-style-type: none"> • Connection malfunction or open circuit of harness and connector • Internal malfunction of driver air bag module • Internal malfunction of air bag diagnosis sensor unit
B0001-1A		[SHORT]	<ul style="list-style-type: none"> • Connection malfunction or short circuit of harness and connector • Internal malfunction of driver air bag module • Internal malfunction of air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-28, "Diagnosis Procedure"](#).
 NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739709

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)

B0001 DRIVER AIR BAG MODULE

[COUPE (EXCEPT FOR MEXICO)]

< DTC/CIRCUIT DIAGNOSIS >

• **Never use unspecified tester or other measuring device.**

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3. CHECK DTC

Perform each inspection according to the displayed DTC.

Which DTC is displayed?

[B0001-13]>>GO TO 4.

[B0001-12]>>GO TO 8.

[B0001-11]>>GO TO 5.

[B0001-00, B0001-09, B0001-1A]>> GO TO 6.

4. CHECK SPIRAL CABLE CIRCUIT 1

1. Turn ignition switch OFF.
2. Disconnect driver air bag module harness connector and combination switch (spiral cable) harness connector.
3. Check continuity between combination switch (spiral cable) terminals.

Terminal		Continuity
10	28	Existed
11	30	
9		
12	29	

Is the inspection result normal?

YES >> GO TO 9.

NO >> Replace combination switch (spiral cable). Refer to [SR-16, "Removal and Installation"](#).

5. CHECK SPIRAL CABLE CIRCUIT 2

1. Turn ignition switch OFF.
2. Disconnect driver air bag module harness connector and combination switch (spiral cable) harness connector.
3. Check continuity between combination switch (spiral cable) and ground.

Combination switch (spiral cable)		Ground	Continuity
Connector	Terminal		
M302	10	Ground	Not existed
	11		
M301	9		
	12		

Is the inspection result normal?

YES >> GO TO 9.

NO >> Replace combination switch (spiral cable). Refer to [SR-16, "Removal and Installation"](#).

6. CHECK SPIRAL CABLE CIRCUIT 3

1. Turn ignition switch OFF.

B0001 DRIVER AIR BAG MODULE

[COUPE (EXCEPT FOR MEXICO)]

< DTC/CIRCUIT DIAGNOSIS >

2. Disconnect driver air bag module harness connector and combination switch (spiral cable) harness connector.
3. Check continuity between combination switch (spiral cable) terminals.

Terminal		Continuity
10	11	Not existed
9	12	

Is the inspection result normal?

YES >> GO TO 7.

NO >> Replace combination switch (spiral cable). Refer to [SR-16, "Removal and Installation"](#).

7. CHECK SPIRAL CABLE CIRCUIT 4

Check continuity between combination switch (spiral cable) terminals.

Terminal		Continuity
28	30	Not existed
29		

Is the inspection result normal?

YES >> GO TO 9.

NO >> Replace combination switch (spiral cable). Refer to [SR-16, "Removal and Installation"](#).

8. REPLACE COMBINATION SWITCH (SPIRAL CABLE)

1. Replace combination switch (spiral cable). Refer to [SR-16, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-28, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 9.

NO >> INSPECTION END

9. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to [SR-13, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-28, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 10.

NO >> INSPECTION END

10. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-28, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B0002 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

B0002 DRIVER AIR BAG MODULE

DTC Logic

INFOID:000000011739710

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)	DTC detecting condition	Possible cause
B0002-00	DRIVER AIRBAG MODULE 2 [Driver Frontal Stage 2 Deployment Control (Subfault)]	[SHORT]	<ul style="list-style-type: none"> • Connection malfunction or short circuit of harness and connector • Internal malfunction of driver air bag module • Internal malfunction of air bag diagnosis sensor unit
B0002-09		[SHORT]	
B0002-11		[GND-SHORT]	<ul style="list-style-type: none"> • Connection malfunction or short circuit to ground of harness and connector • Internal malfunction of driver air bag module • Internal malfunction of air bag diagnosis sensor unit
B0002-12		[VB-SHORT]	<ul style="list-style-type: none"> • Connection malfunction or short circuit to power supply of harness and connector • Internal malfunction of driver air bag module • Internal malfunction of air bag diagnosis sensor unit
B0002-13		[OPEN]	<ul style="list-style-type: none"> • Connection malfunction or open circuit of harness and connector • Internal malfunction of driver air bag module • Internal malfunction of air bag diagnosis sensor unit
B0002-1A		[SHORT]	<ul style="list-style-type: none"> • Connection malfunction or short circuit of harness and connector • Internal malfunction of driver air bag module • Internal malfunction of air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-31, "Diagnosis Procedure"](#).
 NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739711

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)

B0002 DRIVER AIR BAG MODULE

[COUPE (EXCEPT FOR MEXICO)]

< DTC/CIRCUIT DIAGNOSIS >

- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3. CHECK DTC

Perform each inspection according to the displayed DTC.

Which DTC is displayed?

[B0002-13]>>GO TO 4.

[B0002-12]>>GO TO 8.

[B0002-11]>>GO TO 5.

[B0002-00, B0002-09, B0002-1A]>> GO TO 6.

4. CHECK SPIRAL CABLE CIRCUIT 1

1. Turn ignition switch OFF.
2. Disconnect driver air bag module harness connector and combination switch (spiral cable) harness connector.
3. Check continuity between combination switch (spiral cable) terminals.

Terminal		Continuity
10	28	Existed
11	30	
9		
12	29	

Is the inspection result normal?

YES >> GO TO 9.

NO >> Replace combination switch (spiral cable). Refer to [SR-16, "Removal and Installation"](#).

5. CHECK SPIRAL CABLE CIRCUIT 2

1. Turn ignition switch OFF.
2. Disconnect driver air bag module harness connector and combination switch (spiral cable) harness connector.
3. Check continuity between combination switch (spiral cable) and ground.

Combination switch (spiral cable)		Ground	Continuity
Connector	Terminal		
M302	10	Ground	Not existed
	11		
M301	9		
	12		

Is the inspection result normal?

YES >> GO TO 9.

NO >> Replace combination switch (spiral cable). Refer to [SR-16, "Removal and Installation"](#).

6. CHECK SPIRAL CABLE CIRCUIT 3

1. Turn ignition switch OFF.

B0002 DRIVER AIR BAG MODULE

[COUPE (EXCEPT FOR MEXICO)]

< DTC/CIRCUIT DIAGNOSIS >

- Disconnect driver air bag module harness connector and combination switch (spiral cable) harness connector.
- Check continuity between combination switch (spiral cable) terminals.

Terminal		Continuity
10	11	Not existed
9	12	

Is the inspection result normal?

YES >> GO TO 7.

NO >> Replace combination switch (spiral cable). Refer to [SR-16, "Removal and Installation"](#).

7. CHECK SPIRAL CABLE CIRCUIT 4

Check continuity between combination switch (spiral cable) terminals.

Terminal		Continuity
28	30	Not existed
29		

Is the inspection result normal?

YES >> GO TO 9.

NO >> Replace combination switch (spiral cable). Refer to [SR-16, "Removal and Installation"](#).

8. REPLACE COMBINATION SWITCH (SPIRAL CABLE)

- Replace combination switch (spiral cable). Refer to [SR-16, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-31, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 9.

NO >> INSPECTION END

9. REPLACE DRIVER AIR BAG MODULE

- Replace driver air bag module. Refer to [SR-13, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-31, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 10.

NO >> INSPECTION END

10. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

- Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-31, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B0010 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

B0010 PASSENGER AIR BAG MODULE

DTC Logic

INFOID:000000011739712

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)	DTC detecting condition	Possible cause	
B0010-09		[SHORT]	Passenger air bag module circuits are shorted to each other	<ul style="list-style-type: none">• Connection malfunction or short circuit of harness and connector• Internal malfunction of passenger air bag module• Internal malfunction of air bag diagnosis sensor unit
B0010-11		[GND-SHORT]	Passenger air bag module circuit is shorted to ground	<ul style="list-style-type: none">• Connection malfunction or short circuit to ground of harness and connector• Internal malfunction of passenger air bag module• Internal malfunction of air bag diagnosis sensor unit
B0010-12	ASSIST A/B MODULE [Passenger Frontal Stage 1 Deployment Control (Sub- fault)]	[VB-SHORT]	Passenger air bag module circuit is shorted to power supply circuit	<ul style="list-style-type: none">• Connection malfunction or short circuit to power supply of harness and connector• Internal malfunction of passenger air bag module• Internal malfunction of air bag diagnosis sensor unit
B0010-13		[OPEN]	Passenger air bag module circuit is open	<ul style="list-style-type: none">• Connection malfunction or open circuit of harness and connector• Internal malfunction of passenger air bag module• Internal malfunction of air bag diagnosis sensor unit
B0010-1A		[SHORT]	Passenger air bag module circuits are shorted to each other	<ul style="list-style-type: none">• Connection malfunction or short circuit of harness and connector• Internal malfunction of passenger air bag module• Internal malfunction of air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to [SRC-34, "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739713

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)

B0010 PASSENGER AIR BAG MODULE

[COUPE (EXCEPT FOR MEXICO)]

< DTC/CIRCUIT DIAGNOSIS >

• **Never use unspecified tester or other measuring device.**

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3. REPLACE PASSENGER AIR BAG MODULE

1. Replace passenger air bag module. Refer to [SR-19, "Removal and Installation"](#)

2. Perform DTC confirmation procedure. Refer to [SRC-34, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-34, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B0011 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

B0011 PASSENGER AIR BAG MODULE

DTC Logic

INFOID:000000011739714

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)	DTC detecting condition	Possible cause	
B0011-09		[SHORT]	Passenger air bag module circuits are shorted to each other	<ul style="list-style-type: none">• Connection malfunction or short circuit of harness and connector• Internal malfunction of passenger air bag module• Internal malfunction of air bag diagnosis sensor unit
B0011-11		[GND-SHORT]	Passenger air bag module circuit is shorted to ground	<ul style="list-style-type: none">• Connection malfunction or short circuit to ground of harness and connector• Internal malfunction of passenger air bag module• Internal malfunction of air bag diagnosis sensor unit
B0011-12	ASSIST A/B MODULE 2 [Passenger Frontal Stage 2 Deployment Control (Sub- fault)]	[VB-SHORT]	Passenger air bag module circuit is shorted to power supply circuit	<ul style="list-style-type: none">• Connection malfunction or short circuit to power supply of harness and connector• Internal malfunction of passenger air bag module• Internal malfunction of air bag diagnosis sensor unit
B0011-13		[OPEN]	Passenger air bag module circuit is open	<ul style="list-style-type: none">• Connection malfunction or open circuit of harness and connector• Internal malfunction of passenger air bag module• Internal malfunction of air bag diagnosis sensor unit
B0011-1A		[SHORT]	Passenger air bag module circuits are shorted to each other	<ul style="list-style-type: none">• Connection malfunction or short circuit of harness and connector• Internal malfunction of passenger air bag module• Internal malfunction of air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to [SRC-36, "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739715

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)

B0011 PASSENGER AIR BAG MODULE

[COUPE (EXCEPT FOR MEXICO)]

< DTC/CIRCUIT DIAGNOSIS >

• **Never use unspecified tester or other measuring device.**

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3. REPLACE PASSENGER AIR BAG MODULE

1. Replace passenger air bag module. Refer to [SR-19, "Removal and Installation"](#)

2. Perform DTC confirmation procedure. Refer to [SRC-36, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-36, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B0020 SIDE AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

B0020 SIDE AIR BAG MODULE

DTC Logic

INFOID:000000011739716

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)		DTC detecting condition	Possible cause
B0020-09	SIDE A/B MODULE LH [Left Side Airbag Deployment Control (Subfault)]	[SHORT]	Side air bag module LH circuits are shorted to each other	<ul style="list-style-type: none"> • Connection malfunction or short circuit of harness and connector • Internal malfunction of side air bag module LH • Internal malfunction of air bag diagnosis sensor unit
B0020-11		[GND-SHORT]	Side air bag module LH circuit is shorted to ground	<ul style="list-style-type: none"> • Connection malfunction or short circuit to ground of harness and connector • Internal malfunction of side air bag module LH • Internal malfunction of air bag diagnosis sensor unit
B0020-12		[VB-SHORT]	Side air bag module LH circuit is shorted to power supply circuit	<ul style="list-style-type: none"> • Connection malfunction or short circuit to power supply of harness and connector • Internal malfunction of side air bag module LH • Internal malfunction of air bag diagnosis sensor unit
B0020-13		[OPEN]	Side air bag module LH circuit is open	<ul style="list-style-type: none"> • Connection malfunction or open circuit of harness and connector • Internal malfunction of side air bag module LH • Internal malfunction of air bag diagnosis sensor unit
B0020-1A		[SHORT]	Side air bag module LH circuits are shorted to each other	<ul style="list-style-type: none"> • Connection malfunction or short circuit of harness and connector • Internal malfunction of side air bag module LH • Internal malfunction of air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-38, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739717

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)

B0020 SIDE AIR BAG MODULE

[COUPE (EXCEPT FOR MEXICO)]

< DTC/CIRCUIT DIAGNOSIS >

- Never use unspecified tester or other measuring device.

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-85, "SEATBACK : Disassembly and Assembly"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-38, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-38, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B0021 CURTAIN AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

B0021 CURTAIN AIR BAG MODULE

DTC Logic

INFOID:000000011739718

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)	DTC detecting condition	Possible cause	
B0021-09	CURTAIN A/B MODULE LH [Left Curtain Deployment Control 1 (Subfault)]	[SHORT]	Curtain air bag module LH circuits are shorted to each other	<ul style="list-style-type: none">• Connection malfunction or short circuit of harness and connector• Internal malfunction of curtain air bag module LH• Internal malfunction of air bag diagnosis sensor unit
B0021-11		[GND-SHORT]	Curtain air bag module LH circuit is shorted to ground	<ul style="list-style-type: none">• Connection malfunction or short circuit to ground of harness and connector• Internal malfunction of curtain air bag module LH• Internal malfunction of air bag diagnosis sensor unit
B0021-12		[VB-SHORT]	Curtain air bag module LH circuit is shorted to power supply circuit	<ul style="list-style-type: none">• Connection malfunction or short circuit to power supply of harness and connector• Internal malfunction of curtain air bag module LH• Internal malfunction of air bag diagnosis sensor unit
B0021-13		[OPEN]	Curtain air bag module LH circuit is open	<ul style="list-style-type: none">• Connection malfunction or open circuit of harness and connector• Internal malfunction of curtain air bag module LH• Internal malfunction of air bag diagnosis sensor unit
B0021-1A		[SHORT]	Curtain air bag module LH circuits are shorted to each other	<ul style="list-style-type: none">• Connection malfunction or short circuit of harness and connector• Internal malfunction of curtain air bag module LH• Internal malfunction of air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-40, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739719

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)

B0021 CURTAIN AIR BAG MODULE

[COUPE (EXCEPT FOR MEXICO)]

< DTC/CIRCUIT DIAGNOSIS >

• **Never use unspecified tester or other measuring device.**

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module LH. Refer to [SR-21, "Removal and Installation"](#)

2. Perform DTC confirmation procedure. Refer to [SRC-40, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-40, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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SRC

B0028 SIDE AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

B0028 SIDE AIR BAG MODULE

DTC Logic

INFOID:000000011739720

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)		DTC detecting condition	Possible cause
B0028-09		[SHORT]	Side air bag module RH circuits are shorted to each other	<ul style="list-style-type: none"> • Connection malfunction or short circuit of harness and connector • Internal malfunction of side air bag module RH • Internal malfunction of air bag diagnosis sensor unit
B0028-11		[GND-SHORT]	Side air bag module RH circuit is shorted to ground	<ul style="list-style-type: none"> • Connection malfunction or short circuit to ground of harness and connector • Internal malfunction of side air bag module RH • Internal malfunction of air bag diagnosis sensor unit
B0028-12	SIDE A/B MODULE RH [Right Side Airbag Deployment Control 1 (Subfault)]	[VB-SHORT]	Side air bag module RH circuit is shorted to power supply circuit	<ul style="list-style-type: none"> • Connection malfunction or short circuit to power supply of harness and connector • Internal malfunction of side air bag module RH • Internal malfunction of air bag diagnosis sensor unit
B0028-13		[OPEN]	Side air bag module RH circuit is open	<ul style="list-style-type: none"> • Connection malfunction or open circuit of harness and connector • Internal malfunction of side air bag module RH • Internal malfunction of air bag diagnosis sensor unit
B0028-1A		[SHORT]	Side air bag module RH circuits are shorted to each other	<ul style="list-style-type: none"> • Connection malfunction or short circuit of harness and connector • Internal malfunction of side air bag module RH • Internal malfunction of air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-42, "Diagnosis Procedure"](#).
 NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739721

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)

B0028 SIDE AIR BAG MODULE

[COUPE (EXCEPT FOR MEXICO)]

< DTC/CIRCUIT DIAGNOSIS >

- Never use unspecified tester or other measuring device.

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SE-85, "SEATBACK : Disassembly and Assembly"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-42, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-42, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B0029 CURTAIN AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

B0029 CURTAIN AIR BAG MODULE

DTC Logic

INFOID:000000011739722

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)		DTC detecting condition	Possible cause
B0029-09		[SHORT]	Curtain air bag module RH circuits are shorted to each other	<ul style="list-style-type: none"> • Connection malfunction or short circuit of harness and connector • Internal malfunction of curtain air bag module RH • Internal malfunction of air bag diagnosis sensor unit
B0029-11		[GND-SHORT]	Curtain air bag module RH circuit is shorted to ground	<ul style="list-style-type: none"> • Connection malfunction or short circuit to ground of harness and connector • Internal malfunction of curtain air bag module RH • Internal malfunction of air bag diagnosis sensor unit
B0029-12	CURTAIN A/B MODULE RH [Right Curtain Deployment Control 1 (Subfault)]	[VB-SHORT]	Curtain air bag module RH circuit is shorted to power supply circuit	<ul style="list-style-type: none"> • Connection malfunction or short circuit to power supply of harness and connector • Internal malfunction of curtain air bag module RH • Internal malfunction of air bag diagnosis sensor unit
B0029-13		[OPEN]	Curtain air bag module RH circuit is open	<ul style="list-style-type: none"> • Connection malfunction or open circuit of harness and connector • Internal malfunction of curtain air bag module RH • Internal malfunction of air bag diagnosis sensor unit
B0029-1A		[SHORT]	Curtain air bag module RH circuits are shorted to each other	<ul style="list-style-type: none"> • Connection malfunction or short circuit of harness and connector • Internal malfunction of curtain air bag module RH • Internal malfunction of air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-44, "Diagnosis Procedure"](#).
 NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739723

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)

B0029 CURTAIN AIR BAG MODULE

[COUPE (EXCEPT FOR MEXICO)]

< DTC/CIRCUIT DIAGNOSIS >

- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module RH. Refer to [SR-21, "Removal and Installation"](#)

2. Perform DTC confirmation procedure. Refer to [SRC-44, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-44, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B0091 SATELLITE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

B0091 SATELLITE SENSOR

DTC Logic

INFOID:000000011739724

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)		DTC detecting condition	Possible cause
B0091-11	B-PILLAR SAT SEN LH [Left Side Restraints Sensor 1 ([Subfault])]	[GND-SHORT]	Satellite sensor LH circuit is shorted to ground	<ul style="list-style-type: none"> • Connection malfunction or short circuit to ground of harness and connector • Internal malfunction of satellite sensor LH • Internal malfunction of air bag diagnosis sensor unit
B0091-23		[LOWER LIMIT ERR]	Lower limit value malfunction of satellite sensor LH	<ul style="list-style-type: none"> • Internal malfunction of satellite sensor LH • Internal malfunction of air bag diagnosis sensor unit
B0091-24		[UPPER LIMIT ERR]	Upper limit value malfunction of satellite sensor LH	<ul style="list-style-type: none"> • Internal malfunction of satellite sensor LH • Internal malfunction of air bag diagnosis sensor unit
B0091-25		[SELF-DIAG ERR]	Diagnosis malfunction of satellite sensor LH	<ul style="list-style-type: none"> • Internal malfunction of satellite sensor LH • Internal malfunction of air bag diagnosis sensor unit
B0091-28		[OFFSET ERR]	Offset malfunction of satellite sensor LH	<ul style="list-style-type: none"> • Internal malfunction of satellite sensor LH • Internal malfunction of air bag diagnosis sensor unit
B0091-81		[COMM ERR]	Communication malfunction of satellite sensor LH	<ul style="list-style-type: none"> • Connection malfunction of harness or connector • Internal malfunction of satellite sensor LH • Internal malfunction of air bag diagnosis sensor unit
B0091-86		[UNMATCH]	Satellite sensor LH is out of the specified specification	Air bag diagnosis sensor unit and satellite sensor LH is different from the part specified
B0091-88		[OPEN]	Satellite sensor LH circuit is open	<ul style="list-style-type: none"> • Connection malfunction or open circuit of harness and connector • Internal malfunction of satellite sensor LH • Internal malfunction of air bag diagnosis sensor unit
B0091-93		[RESET]	Reset malfunction of satellite sensor LH	<ul style="list-style-type: none"> • Connection malfunction of harness or connector • Internal malfunction of satellite sensor LH • Internal malfunction of air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

B0091 SATELLITE SENSOR

[COUPE (EXCEPT FOR MEXICO)]

< DTC/CIRCUIT DIAGNOSIS >

⊗ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-47, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000011739725

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1.CHECK DTC

Perform each inspection according to the displayed DTC.

Which DTC is displayed?

- [B0091–86] >> GO TO 4.
Other than the above >> GO TO 2.

2.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace harness connector.

3.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 4.
NO >> Replace wiring harness.

4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to [SR-27, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-46, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 5.
NO >> INSPECTION END

5.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-46, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B0093 FRONT DOOR SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

B0093 FRONT DOOR SATELLITE SENSOR LH

DTC Logic

INFOID:000000011739726

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)		DTC detecting condition	Possible cause
B0093-11	DOOR SATEL SENS LH [Left Side Restraints Sensor 3 (Subfault)]	[GND-SHORT]	Front door satellite sensor LH circuit is shorted to ground	<ul style="list-style-type: none"> • Connection malfunction or short circuit to ground of harness and connector • Internal malfunction of front door satellite sensor LH • Internal malfunction of air bag diagnosis sensor unit
B0093-23		[LOWER LIMIT ERR]	Lower limit value malfunction of front door satellite sensor LH	<ul style="list-style-type: none"> • Internal malfunction of front door satellite sensor LH • Internal malfunction of air bag diagnosis sensor unit
B0093-24		[UPPER LIMIT ERR]	Upper limit value malfunction of front door satellite sensor LH	<ul style="list-style-type: none"> • Internal malfunction of front door satellite sensor LH • Internal malfunction of air bag diagnosis sensor unit
B0093-25		[SELF-DIAG ERR]	Diagnosis malfunction of front door satellite sensor LH	<ul style="list-style-type: none"> • Internal malfunction of front door satellite sensor LH • Internal malfunction of air bag diagnosis sensor unit
B0093-28		[OFFSET ERR]	Offset malfunction of front door satellite sensor LH	<ul style="list-style-type: none"> • Internal malfunction of front door satellite sensor LH • Internal malfunction of air bag diagnosis sensor unit
B0093-81		[COMM ERR]	Communication malfunction of front door satellite sensor LH	<ul style="list-style-type: none"> • Connection malfunction of harness or connector • Internal malfunction of front door satellite sensor LH • Internal malfunction of air bag diagnosis sensor unit
B0093-86		[UNMATCH]	Front door satellite sensor LH is out of the specified specification	Air bag diagnosis sensor unit and front door satellite sensor LH is different from the part specified
B0093-88		[OPEN]	Front door satellite sensor LH circuit is open	<ul style="list-style-type: none"> • Connection malfunction or open circuit of harness and connector • Internal malfunction of front door satellite sensor LH • Internal malfunction of air bag diagnosis sensor unit
B0093-93		[RESET]	Reset malfunction of front door satellite sensor LH	<ul style="list-style-type: none"> • Connection malfunction of harness or connector • Internal malfunction of front door satellite sensor LH • Internal malfunction of air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

B0093 FRONT DOOR SATELLITE SENSOR LH

[COUPE (EXCEPT FOR MEXICO)]

< DTC/CIRCUIT DIAGNOSIS >

⊗ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-49, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739727

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1.CHECK DTC

Perform each inspection according to the displayed DTC.

Which DTC is displayed?

- [B0093–86] >> GO TO 4.
Other than the above >> GO TO 2.

2.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace harness connector.

3.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 4.
NO >> Replace wiring harness.

4.REPLACE FRONT DOOR SATELLITE SENSOR LH

1. Replace front door satellite sensor LH. Refer to [SR-27, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-48, "DTC Logic"](#)

Is DTC detected?

- YES >> GO TO 5.
NO >> INSPECTION END

5.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-48, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B0094 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

B0094 CRASH ZONE SENSOR

DTC Logic

INFOID:000000011739728

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)		DTC detecting condition	Possible cause
B0094-11	CRASH ZONE SENS [Center Frontal Restraints Sensor (Subfault)]	[GND-SHORT]	Crash zone sensor circuit is shorted to ground	<ul style="list-style-type: none"> • Connection malfunction or short circuit to ground of harness and connector • Internal malfunction of Crash zone sensor • Internal malfunction of air bag diagnosis sensor unit
B0094-23		[LOWER LIMIT ERR]	Lower limit value malfunction of Crash zone sensor	<ul style="list-style-type: none"> • Internal malfunction of Crash zone sensor • Internal malfunction of air bag diagnosis sensor unit
B0094-24		[UPPER LIMIT ERR]	Upper limit value malfunction of Crash zone sensor	<ul style="list-style-type: none"> • Internal malfunction of Crash zone sensor • Internal malfunction of air bag diagnosis sensor unit
B0094-25		[SELF-DIAG ERR]	Diagnosis malfunction of Crash zone sensor	<ul style="list-style-type: none"> • Internal malfunction of Crash zone sensor • Internal malfunction of air bag diagnosis sensor unit
B0094-28		[OFFSET ERR]	Offset malfunction of Crash zone sensor	<ul style="list-style-type: none"> • Internal malfunction of Crash zone sensor • Internal malfunction of air bag diagnosis sensor unit
B0094-81		[COMM ERR]	Communication malfunction of Crash zone sensor	<ul style="list-style-type: none"> • Connection malfunction of harness or connector • Internal malfunction of Crash zone sensor • Internal malfunction of air bag diagnosis sensor unit
B0094-86		[UNMATCH]	Crash zone sensor is out of the specified specification	Air bag diagnosis sensor unit and Crash zone sensor is different from the part specified
B0094-88		[OPEN]	Crash zone sensor circuit is open	<ul style="list-style-type: none"> • Connection malfunction or open circuit of harness and connector • Internal malfunction of Crash zone sensor • Internal malfunction of air bag diagnosis sensor unit
B0094-93		[RESET]	Reset malfunction of Crash zone sensor	<ul style="list-style-type: none"> • Connection malfunction of harness or connector • Internal malfunction of Crash zone sensor • Internal malfunction of air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

B0094 CRASH ZONE SENSOR

[COUPE (EXCEPT FOR MEXICO)]

< DTC/CIRCUIT DIAGNOSIS >

⊗ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-51, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739729

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1.CHECK DTC

Perform each inspection according to the displayed DTC.

Which DTC is displayed?

- [B0094–86] >> GO TO 4.
Other than the above >> GO TO 2.

2.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace harness connector.

3.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 4.
NO >> Replace wiring harness.

4.REPLACE CRASH ZONE SENSOR

1. Replace crash zone sensor. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-50, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 5.
NO >> INSPECTION END

5.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-50, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B0096 SATELLITE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

B0096 SATELLITE SENSOR

DTC Logic

INFOID:000000011739730

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)		DTC detecting condition	Possible cause
B0096-11	B-PILLAR SAT SEN RH [Right Frontal Restraints Sensor 1(Subfault)]	[GND-SHORT]	Satellite sensor RH circuit is shorted to ground	<ul style="list-style-type: none"> • Connection malfunction or short circuit to ground of harness and connector • Internal malfunction of satellite sensor RH • Internal malfunction of air bag diagnosis sensor unit
B0096-23		[LOWER LIMIT ERR]	Lower limit value malfunction of satellite sensor RH	<ul style="list-style-type: none"> • Internal malfunction of satellite sensor RH • Internal malfunction of air bag diagnosis sensor unit
B0096-24		[UPPER LIMIT ERR]	Upper limit value malfunction of satellite sensor RH	<ul style="list-style-type: none"> • Internal malfunction of satellite sensor RH • Internal malfunction of air bag diagnosis sensor unit
B0096-25		[SELF-DIAG ERR]	Diagnosis malfunction of satellite sensor RH	<ul style="list-style-type: none"> • Internal malfunction of satellite sensor RH • Internal malfunction of air bag diagnosis sensor unit
B0096-28		[OFFSET ERR]	Offset malfunction of satellite sensor RH	<ul style="list-style-type: none"> • Internal malfunction of satellite sensor RH • Internal malfunction of air bag diagnosis sensor unit
B0096-81		[COMM ERR]	Communication malfunction of satellite sensor RH	<ul style="list-style-type: none"> • Connection malfunction of harness or connector • Internal malfunction of satellite sensor RH • Internal malfunction of air bag diagnosis sensor unit
B0096-86		[UNMATCH]	Satellite sensor RH is out of the specified specification	Air bag diagnosis sensor unit and satellite sensor RH is different from the part specified
B0096-88		[OPEN]	Satellite sensor RH circuit is open	<ul style="list-style-type: none"> • Connection malfunction or open circuit of harness and connector • Internal malfunction of satellite sensor RH • Internal malfunction of air bag diagnosis sensor unit
B0096-93		[RESET]	Reset malfunction of satellite sensor RH	<ul style="list-style-type: none"> • Connection malfunction of harness or connector • Internal malfunction of satellite sensor RH • Internal malfunction of air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

B0096 SATELLITE SENSOR

[COUPE (EXCEPT FOR MEXICO)]

< DTC/CIRCUIT DIAGNOSIS >

⊗ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-53, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000011739731

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1.CHECK DTC

Perform each inspection according to the displayed DTC.

Which DTC is displayed?

- [B0096-86] >> GO TO 4.
Other than the above >> GO TO 2.

2.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace harness connector.

3.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 4.
NO >> Replace wiring harness.

4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to [SR-27, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-52, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 5.
NO >> INSPECTION END

5.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-52, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B0098 FRONT DOOR SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

B0098 FRONT DOOR SATELLITE SENSOR RH

DTC Logic

INFOID:000000011739732

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)	DTC detecting condition	Possible cause	
B0098-11	DOOR SATEL SENS RH [Left Side Restraints Sensor 3 (Subfault)]	[GND-SHORT]	Front door satellite sensor RH circuit is shorted to ground	<ul style="list-style-type: none">• Connection malfunction or short circuit to ground of harness and connector• Internal malfunction of front door satellite sensor RH• Internal malfunction of air bag diagnosis sensor unit
B0098-23		[LOWER LIMIT ERR]	Lower limit value malfunction of front door satellite sensor RH	<ul style="list-style-type: none">• Internal malfunction of front door satellite sensor RH• Internal malfunction of air bag diagnosis sensor unit
B0098-24		[UPPER LIMIT ERR]	Upper limit value malfunction of front door satellite sensor RH	<ul style="list-style-type: none">• Internal malfunction of front door satellite sensor RH• Internal malfunction of air bag diagnosis sensor unit
B0098-25		[SELF-DIAG ERR]	Diagnosis malfunction of front door satellite sensor RH	<ul style="list-style-type: none">• Internal malfunction of front door satellite sensor RH• Internal malfunction of air bag diagnosis sensor unit
B0098-28		[OFFSET ERR]	Offset malfunction of front door satellite sensor RH	<ul style="list-style-type: none">• Internal malfunction of front door satellite sensor RH• Internal malfunction of air bag diagnosis sensor unit
B0098-81		[COMM ERR]	Communication malfunction of front door satellite sensor RH	<ul style="list-style-type: none">• Connection malfunction of harness or connector• Internal malfunction of front door satellite sensor RH• Internal malfunction of air bag diagnosis sensor unit
B0098-86		[UNMATCH]	Front door satellite sensor RH is out of the specified specification	Air bag diagnosis sensor unit and front door satellite sensor RH is different from the part specified
B0098-88		[OPEN]	Front door satellite sensor RH circuit is open	<ul style="list-style-type: none">• Connection malfunction or open circuit of harness and connector• Internal malfunction of front door satellite sensor RH• Internal malfunction of air bag diagnosis sensor unit
B0098-93		[RESET]	Reset malfunction of front door satellite sensor RH	<ul style="list-style-type: none">• Connection malfunction of harness or connector• Internal malfunction of front door satellite sensor RH• Internal malfunction of air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

B0098 FRONT DOOR SATELLITE SENSOR RH

[COUPE (EXCEPT FOR MEXICO)]

< DTC/CIRCUIT DIAGNOSIS >

⊗ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-55, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739733

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1.CHECK DTC

Perform each inspection according to the displayed DTC.

Which DTC is displayed?

- [B0098-86] >> GO TO 4.
Other than the above >> GO TO 2.

2.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace harness connector.

3.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 4.
NO >> Replace wiring harness.

4.REPLACE FRONT DOOR SATELLITE SENSOR RH

1. Replace front door satellite sensor RH. Refer to [SR-27, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-54, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 5.
NO >> INSPECTION END

5.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-54, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B0099 SATELLITE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

B0099 SATELLITE SENSOR

DTC Logic

INFOID:000000011739734

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)		DTC detecting condition	Possible cause
B0099-11	SATELLITE SENSOR [Roll Over Sensor (Subfault)]	[GND-SHORT]	satellite sensor circuit is shorted to ground	<ul style="list-style-type: none"> • Connection malfunction or short circuit to ground of harness and connector • Internal malfunction of satellite sensor • Internal malfunction of air bag diagnosis sensor unit
B0099-23		[LOWER LIMIT ERR]	Lower limit value malfunction of satellite sensor	<ul style="list-style-type: none"> • Internal malfunction of satellite sensor • Internal malfunction of air bag diagnosis sensor unit
B0099-24		[UPPER LIMIT ERR]	Upper limit value malfunction of satellite sensor	<ul style="list-style-type: none"> • Internal malfunction of satellite sensor • Internal malfunction of air bag diagnosis sensor unit
B0099-25		[SELF-DIAG ERR]	Diagnosis malfunction of satellite sensor	<ul style="list-style-type: none"> • Internal malfunction of satellite sensor • Internal malfunction of air bag diagnosis sensor unit
B0099-28		[OFFSET ERR]	Offset malfunction of satellite sensor	<ul style="list-style-type: none"> • Internal malfunction of satellite sensor • Internal malfunction of air bag diagnosis sensor unit
B0099-81		[COMM ERR]	Communication malfunction of satellite sensor	<ul style="list-style-type: none"> • Connection malfunction of harness or connector • Internal malfunction of satellite sensor • Internal malfunction of air bag diagnosis sensor unit
B0099-86		[UNMATCH]	satellite sensor is out of the specified specification	Air bag diagnosis sensor unit and satellite sensor is different from the part specified
B0099-88		[OPEN]	satellite sensor circuit is open	<ul style="list-style-type: none"> • Connection malfunction or open circuit of harness and connector • Internal malfunction of satellite sensor • Internal malfunction of air bag diagnosis sensor unit
B0099-93		[RESET]	Reset malfunction of satellite sensor	<ul style="list-style-type: none"> • Connection malfunction of harness or connector • Internal malfunction of satellite sensor • Internal malfunction of air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

B0099 SATELLITE SENSOR

[COUPE (EXCEPT FOR MEXICO)]

< DTC/CIRCUIT DIAGNOSIS >

⊗ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-57, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739735

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1.CHECK DTC

Perform each inspection according to the displayed DTC.

Which DTC is displayed?

- [B0099-86] >> GO TO 4.
Other than the above >> GO TO 2.

2.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace harness connector.

3.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 4.
NO >> Replace wiring harness.

4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor. Refer to [SR-27, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-56, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 5.
NO >> INSPECTION END

5.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-56, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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SRC

B00A0 OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

B00A0 OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

DTC Logic

INFOID:000000011739736

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)		DTC detecting condition	Possible cause
B00A0-00	OCCUPANT SENS [Occupant Classification System (Subfault)]	[ABNORMAL VOLTAGE]	Power supply malfunction of occupant classification sensor	<ul style="list-style-type: none"> • Connection malfunction or short circuit to power supply of harness or connector • Internal malfunction of occupant classification sensor • Internal malfunction of air bag diagnosis sensor unit
B00A0-02		[UNIT MALFUNC]	Malfunction of occupant classification sensor	<ul style="list-style-type: none"> • Connection malfunction of harness and connector • Internal malfunction of occupant classification sensor • Internal malfunction of air bag diagnosis sensor unit
B00A0-09		[UNIT MALFUNC]		
B00A0-04	OCCUPANT SENS C/U [Occupant Classification System (Subfault)]	[UNIT MALFUNC]	Malfunction of occupant classification sensor control unit	<ul style="list-style-type: none"> • Connection malfunction or open circuit of harness and connector • Internal malfunction of occupant classification sensor control unit • Internal malfunction of air bag diagnosis sensor unit
B00A0-83		[COMM ERR]	<ul style="list-style-type: none"> • Communication malfunction of occupant classification sensor control unit • Communication blank of occupant classification sensor control unit 	<ul style="list-style-type: none"> • Connection malfunction or open circuit of harness and connector • Internal malfunction of occupant classification sensor control unit • Internal malfunction of air bag diagnosis sensor unit
B00A0-86		[COMM ERR]		
B00A0-87		[COMM ERR]		
B00A0-88		[COMM ERR]		
B00A0-8F		[UNDEFINED]	Undefined status of occupant classification sensor control unit	<ul style="list-style-type: none"> • Connection malfunction or open circuit of harness and connector • Internal malfunction of occupant classification sensor control unit • Internal malfunction of air bag diagnosis sensor unit
B00A0-93		[RESET]	Reset malfunction of occupant classification sensor control unit	<ul style="list-style-type: none"> • Connection malfunction of harness and connector • Internal malfunction of occupant classification sensor control unit • Internal malfunction of air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

B00A0 OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

[COUPE (EXCEPT FOR MEXICO)]

< DTC/CIRCUIT DIAGNOSIS >

⊗ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-59, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000011739737

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace occupant classification system. Refer to [SR-35, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-58, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

4.REPLACE OCCUPANT CLASSIFICATION SYSTEM SEAT SENSOR

1. Replace seat cushion frame. Refer to [SE-90, "SEAT CUSHION : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-58, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 5.
NO >> INSPECTION END

5.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-58, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B00D5 FRONT PASSENGER AIR BAG OFF INDICATOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

B00D5 FRONT PASSENGER AIR BAG OFF INDICATOR

DTC Logic

INFOID:000000011739738

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)		DTC detecting condition	Possible cause
B00D5-04		[UNIT MALFUNC]	Malfunction of passenger air bag indicator circuit	<ul style="list-style-type: none"> • Connection malfunction of harness and connector • Internal malfunction of passenger air bag indicator • Internal malfunction of air bag diagnosis sensor unit
B00D5-11		[GND-SHORT]	Passenger air bag indicator circuit is shorted to ground	<ul style="list-style-type: none"> • Connection malfunction or short circuit to ground of harness and connector • Internal malfunction of passenger air bag indicator • Internal malfunction of air bag diagnosis sensor unit
B00D5-12	PASS A/B INDCTR CKT [Restraint System Passenger Disable Indicator (Subfault)]	[VB-SHORT]	Passenger air bag indicator circuit is shorted to power supply circuit	<ul style="list-style-type: none"> • Connection malfunction or short circuit to power supply of harness and connector • Internal malfunction of passenger air bag indicator • Internal malfunction of air bag diagnosis sensor unit
B00D5-13		[OPEN]	Passenger air bag indicator circuit is open	<ul style="list-style-type: none"> • Connection malfunction or open circuit of harness and connector • Internal malfunction of passenger air bag indicator • Internal malfunction of air bag diagnosis sensor unit
B00D5-15		[PWR-SHORT/ OPEN]	Short circuit to power supply and open circuit of passenger air bag indicator circuit	<ul style="list-style-type: none"> • Connection malfunction or short circuit to power supply or open circuit of harness or connector • Internal malfunction of passenger air bag indicator • Internal malfunction of air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to [SRC-60, "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739739

WARNING:

B00D5 FRONT PASSENGER AIR BAG OFF INDICATOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK FRONT PASSENGER AIR BAG INDICATOR

1. Replace front passenger air bag indicator. Refer to [IP-14, "Removal and Installation"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-60, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-60, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1400, B1401, B1402, B1403, B1404, B1405 AIR BAG DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

B1400, B1401, B1402, B1403, B1404, B1405 AIR BAG DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000011739740

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)		DTC detecting condition	Possible cause
B1400-00	CONTROL UNIT (airbag control unit)	[UNIT MALFUNC]	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit
B1401-00	CONTROL UNIT (airbag control unit internal trouble, sensor2)	[UNIT MALFUNC]		
B1402-00	CONTROL UNIT (airbag control unit internal trouble, sensor3)	[UNIT MALFUNC]		
B1403-00	CONTROL UNIT (airbag control unit internal trouble, sensor4)	[UNIT MALFUNC]		
B1404-00	CONTROL UNIT (airbag control unit internal trouble, sensor5)	[UNIT MALFUNC]		
B1405-00	CONTROL UNIT (airbag control unit internal trouble, sensor6)	[UNIT MALFUNC]		

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to [SRC-62, "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739741

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

B1400, B1401, B1402, B1403, B1404, B1405 AIR BAG DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30. "COUPE : Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-62. "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1406, B1407, B1408, B1409, B1410 AIR BAG DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

B1406, B1407, B1408, B1409, B1410 AIR BAG DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000011739742

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)		DTC detecting condition	Possible cause
B1406-00	CONTROL UNIT (airbag control unit internal trouble, Energy Reserver)	[UNIT MALFUNC]	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sen- sor unit
B1407-00	CONTROL UNIT (airbag control unit internal trouble, driver IC1)	[UNIT MALFUNC]		
B1408-00	CONTROL UNIT (airbag control unit internal trouble, driver IC2)	[UNIT MALFUNC]		
B1409-00	CONTROL UNIT (airbag control unit internal trouble, driver IC3)	[UNIT MALFUNC]		
B1410-00	CONTROL UNIT (airbag control unit internal trouble, Power IC)	[UNIT MALFUNC]		

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-64, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739743

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

B1406, B1407, B1408, B1409, B1410 AIR BAG DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-64, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

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B1411, B1412, B1413, B1414, B1415 AIR BAG DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

B1411, B1412, B1413, B1414, B1415 AIR BAG DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000011739744

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)		DTC detecting condition	Possible cause
B1411-00	CONTROL UNIT (airbag control unit internal trouble, SUB IC)	[UNIT MALFUNC]	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sen- sor unit
B1412-00	CONTROL UNIT (airbag control unit internal trouble, communication IC1)	[UNIT MALFUNC]		
B1413-00	CONTROL UNIT (airbag control unit internal trouble, communication IC2)	[UNIT MALFUNC]		
B1414-00	CONTROL UNIT [airbag control unit internal trouble, Main micro controller (CPU)]	[UNIT MALFUNC]		
B1415-00	CONTROL UNIT [airbag control unit internal trouble, Sub microcontroller (CPU)]	[UNIT MALFUNC]		

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Ⓟ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-66, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739745

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.

B1411, B1412, B1413, B1414, B1415 AIR BAG DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-66, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1416, B1417, B1418, B1419, B1420 AIR BAG DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

B1416, B1417, B1418, B1419, B1420 AIR BAG DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000011739746

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)		DTC detecting condition	Possible cause
B1416-00	CONTROL UNIT (airbag control unit internal trouble, EEPROM)	[UNIT MALFUNC]	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sen- sor unit
B1417-00	CONTROL UNIT (airbag control unit internal trouble, Algorithm)	[UNIT MALFUNC]		
B1418-00	CONTROL UNIT (airbag control unit internal trouble, Configuration)	[UNIT MALFUNC]		
B1419-00	CONTROL UNIT (airbag control unit internal trouble, other component)	[UNIT MALFUNC]		
B1420-00	CONTROL UNIT (airbag control unit internal trouble, other)	[UNIT MALFUNC]		

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-68, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739747

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

B1416, B1417, B1418, B1419, B1420 AIR BAG DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-68, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

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B1421 FRONTAL COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

B1421 FRONTAL COLLISION DETECTION

DTC Logic

INFOID:000000011739748

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)	DTC detecting condition	Possible cause
B1421-00	FRONTAL COLLISION (Firing Record, Frontal)	Driver air bag, passenger air bag, seat belt pre-tensioner and lap pre-tensioner are deployed	—

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-70, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739749

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. PERFORM COLLISION DIAGNOSIS

Perform collision diagnosis. Refer to [SR-7, "FOR FRONTAL COLLISION : When SRS is activated in a collision"](#) or [SR-8, "FOR FRONTAL COLLISION : When SRS is not activated in a collision"](#).

>> GO TO 2.

2. FINAL INSPECTION

Perform "AIR BAG" Self Diagnostic Result.

Is the inspection result normal?

- YES >> INSPECTION END
NO >> Perform diagnosis of applicable DTC. Refer to [SRC-81, "DTC Index"](#).

B1422 SIDE COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

B1422 SIDE COLLISION DETECTION

DTC Logic

INFOID:000000011739750

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)	DTC detecting condition	Possible cause
B1422-00	SIDE COLLISION (Firing Record, Side)	Side air bag and curtain air bag are deployed	—

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-71, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739751

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. PERFORM COLLISION DIAGNOSIS

Perform collision diagnosis. Refer to [SR-9, "FOR SIDE AND ROLLOVER COLLISION : When SRS is activated in a collision"](#) or [SR-10, "FOR SIDE AND ROLLOVER COLLISION : When SRS is not activated in a collision"](#).

>> GO TO 2.

2. FINAL INSPECTION

Perform "AIR BAG" Self Diagnostic Result.

Is the inspection result normal?

- YES >> INSPECTION END
NO >> Perform diagnosis of applicable DTC. Refer to [SRC-81, "DTC Index"](#).

B1425 REAR COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

B1425 REAR COLLISION DETECTION

DTC Logic

INFOID:000000011739752

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)	DTC detecting condition	Possible cause
B1425-00	REAR COLLISION (Rear Crash Detect)	Rear collision detected	—

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-72, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739753

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. PERFORM COLLISION DIAGNOSIS

Perform collision diagnosis. Refer to [SR-7, "FOR FRONTAL COLLISION : When SRS is activated in a collision"](#) or [SR-8, "FOR FRONTAL COLLISION : When SRS is not activated in a collision"](#).

>> GO TO 2.

2. FINAL INSPECTION

Perform "AIR BAG" Self Diagnostic Result.

Is the inspection result normal?

- YES >> INSPECTION END
NO >> Perform diagnosis of applicable DTC. Refer to [SRC-81, "DTC Index"](#).

B142A IGN VOLTAGE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

B142A IGN VOLTAGE

DTC Logic

INFOID:000000011739754

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)		DTC detecting condition	Possible cause
B142A-16	IGNITION VOLTAGE (Ignition voltage Low)	[VB-LOW]	Power supply malfunction (low voltage) of air bag diagnosis sensor unit	<ul style="list-style-type: none">Malfunction of battery voltage (low voltage)Connection malfunction of harness or connectorInternal malfunction of air bag diagnosis sensor unit
B142A-17	IGNITION VOLTAGE (Ignition voltage High)	[VB-HIGH]	Power supply malfunction (high voltage) of air bag diagnosis sensor unit	<ul style="list-style-type: none">Malfunction of battery voltage (high voltage)Connection malfunction of harness or connectorInternal malfunction of air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

- Turn ignition switch ON.
- Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-73, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739755

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK BATTERY VOLTAGE

Check battery voltage. Refer to [PG-3, "How to Handle Battery"](#).

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace battery. Refer to [PG-106, "Removal and Installation"](#).

2. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace harness connectors.

3. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 4.

B142A IGN VOLTAGE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

NO >> Replace wiring harness.

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-73, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1430 SEAT BELT PRE-TENSIONER

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

B1430 SEAT BELT PRE-TENSIONER

DTC Logic

INFOID:000000011739756

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)		DTC detecting condition	Possible cause
B1430-09		[SHORT]	Seat belt pre-tensioner LH circuits are shorted to each other	<ul style="list-style-type: none"> • Connection malfunction or short circuit of harness and connector • Internal malfunction of seat belt pre-tensioner LH • Internal malfunction of air bag diagnosis sensor unit
B1430-11		[GND-SHORT]	Seat belt pre-tensioner LH circuit is shorted to ground	<ul style="list-style-type: none"> • Connection malfunction or short circuit to ground of harness and connector • Internal malfunction of seat belt pre-tensioner LH • Internal malfunction of air bag diagnosis sensor unit
B1430-12	PRE-TEN FRONT LH (Front seat belt pre-tensioner squib left hand circuit)	[VB-SHORT]	Seat belt pre-tensioner LH circuit is shorted to power supply circuit	<ul style="list-style-type: none"> • Connection malfunction or short circuit to power supply of harness and connector • Internal malfunction of seat belt pre-tensioner LH • Internal malfunction of air bag diagnosis sensor unit
B1430-13		[OPEN]	Seat belt pre-tensioner LH circuit is open	<ul style="list-style-type: none"> • Connection malfunction or open circuit of harness and connector • Internal malfunction of seat belt pre-tensioner LH • Internal malfunction of air bag diagnosis sensor unit
B1430-1A		[SHORT]	Seat belt pre-tensioner LH circuits are shorted to each other	<ul style="list-style-type: none"> • Connection malfunction or short circuit of harness and connector • Internal malfunction of seat belt pre-tensioner LH • Internal malfunction of air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-75, "Diagnosis Procedure"](#).
 NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739757

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)

B1430 SEAT BELT PRE-TENSIONER

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

- **Never use unspecified tester or other measuring device.**

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3. REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SR-34, "Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-75, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-75, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1431 SEAT BELT PRE-TENSIONER

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

B1431 SEAT BELT PRE-TENSIONER

DTC Logic

INFOID:000000011739758

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)		DTC detecting condition	Possible cause
B1431-09		[SHORT]	Seat belt pre-tensioner RH circuits are shorted to each other	<ul style="list-style-type: none"> • Connection malfunction or short circuit of harness and connector • Internal malfunction of seat belt pre-tensioner RH • Internal malfunction of air bag diagnosis sensor unit
B1431-11		[GND-SHORT]	Seat belt pre-tensioner RH circuit is shorted to ground	<ul style="list-style-type: none"> • Connection malfunction or short circuit to ground of harness and connector • Internal malfunction of seat belt pre-tensioner RH • Internal malfunction of air bag diagnosis sensor unit
B1431-12	PRE-TEN FRONT RH (Front seat belt pre-tensioner squib right hand circuit)	[VB-SHORT]	Seat belt pre-tensioner RH circuit is shorted to power supply circuit	<ul style="list-style-type: none"> • Connection malfunction or short circuit to power supply of harness and connector • Internal malfunction of seat belt pre-tensioner RH • Internal malfunction of air bag diagnosis sensor unit
B1431-13		[OPEN]	Seat belt pre-tensioner RH circuit is open	<ul style="list-style-type: none"> • Connection malfunction or open circuit of harness and connector • Internal malfunction of seat belt pre-tensioner RH • Internal malfunction of air bag diagnosis sensor unit
B1431-1A		[SHORT]	Seat belt pre-tensioner RH circuits are shorted to each other	<ul style="list-style-type: none"> • Connection malfunction or short circuit of harness and connector • Internal malfunction of seat belt pre-tensioner RH • Internal malfunction of air bag diagnosis sensor unit

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DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-77, "Diagnosis Procedure"](#).
 NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739759

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)

B1431 SEAT BELT PRE-TENSIONER

[COUPE (EXCEPT FOR MEXICO)]

< DTC/CIRCUIT DIAGNOSIS >

- **Never use unspecified tester or other measuring device.**

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3. REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SR-34, "Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-77, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-77, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1500 DOOR SATELLITE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

B1500 DOOR SATELLITE SENSOR

DTC Logic

INFOID:000000011739760

DTC DETECTION LOGIC

DTC	CONSULT screen items (Trouble diagnosis content)		DTC detecting condition	Possible cause
B1500-23	DOOR SATELLITE SENSOR (Door-SAT signal stuck low)	[LOWER LIMIT ERR]	Lower limit value malfunction of front door satellite sensor LH or RH	<ul style="list-style-type: none">Internal malfunction of front door satellite sensor LH or RHInternal malfunction of air bag diagnosis sensor unit
B1500-24	DOOR SATELLITE SENSOR (Door-SAT signal stuck High)	[UPPER LIMIT ERR]	Upper limit value malfunction of front door satellite sensor LH or RH	<ul style="list-style-type: none">Internal malfunction of front door satellite sensor LH or RHInternal malfunction of air bag diagnosis sensor unit
B1500-92	DOOR SATELLITE SENSOR [Door-SAT performance or incorrect operation]	[PERFRM ERR/ INCRCT OPE]	Diagnosis malfunction of front door satellite sensor LH or RH	<ul style="list-style-type: none">Internal malfunction of front door satellite sensor LH or RHInternal malfunction of air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

- Turn ignition switch ON.
- Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-20, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-79, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739761

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE FRONT DOOR SATELLITE SENSOR LH AND RH

B1500 DOOR SATELLITE SENSOR

[COUPE (EXCEPT FOR MEXICO)]

< DTC/CIRCUIT DIAGNOSIS >

1. Replace front door satellite sensor LH and RH. Refer to [SR-27, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-79, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-79, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE (EXCEPT FOR MEXICO)]

ECU DIAGNOSIS INFORMATION

DIAGNOSIS SENSOR UNIT

DTC Index

INFOID:000000011739762

DTC	Diagnostic item	Number of times of warning lamp blinking in diagnosis mode		Reference
		System display	Item display	
U1000-01	CAN COMM CIRCUIT	—	—	SRC-26, "DTC Logic"
U1010-49	CONTROL UNIT (CAN)	—	—	SRC-27, "DTC Logic"
B0001-00	DRIVER AIRBAG MODULE [SHORT]	Front air bag system	1	SRC-28, "DTC Logic"
B0001-09	DRIVER AIRBAG MODULE [SHORT]			
B0001-11	DRIVER AIRBAG MODULE [GND-SHORT]			
B0001-12	DRIVER AIRBAG MODULE [VB-SHORT]			
B0001-13	DRIVER AIRBAG MODULE [OPEN]			
B0001-1A	DRIVER AIRBAG MODULE [SHORT]			
B0002-00	DRIVER AIRBAG MODULE 2 [SHORT]	Front air bag system	1	SRC-31, "DTC Logic"
B0002-09	DRIVER AIRBAG MODULE 2 [SHORT]			
B0002-11	DRIVER AIRBAG MODULE 2 [GND-SHORT]			
B0002-12	DRIVER AIRBAG MODULE 2 [VB-SHORT]			
B0002-13	DRIVER AIRBAG MODULE 2 [OPEN]			
B0002-1A	DRIVER AIRBAG MODULE 2 [SHORT]			
B0010-09	ASSIST A/B MODULE [SHORT]	Front air bag system	2	SRC-34, "DTC Logic"
B0010-11	ASSIST A/B MODULE [GND-SHORT]			
B0010-12	ASSIST A/B MODULE [VB-SHORT]			
B0010-13	ASSIST A/B MODULE [OPEN]			
B0010-1A	ASSIST A/B MODULE [SHORT]			
B0011-09	ASSIST A/B MODULE 2 [SHORT]	Front air bag system	2	SRC-36, "DTC Logic"
B0011-11	ASSIST A/B MODULE 2 [GND-SHORT]			
B0011-12	ASSIST A/B MODULE 2 [VB-SHORT]			
B0011-13	ASSIST A/B MODULE 2 [OPEN]			
B0011-1A	ASSIST A/B MODULE 2 [SHORT]			
B0020-09	SIDE A/B MODULE LH [SHORT]	Side air bag system	1	SRC-38, "DTC Logic"
B0020-11	SIDE A/B MODULE LH [GND-SHORT]			
B0020-12	SIDE A/B MODULE LH [VB-SHORT]			
B0020-13	SIDE A/B MODULE LH [OPEN]			
B0020-1A	SIDE A/B MODULE LH [SHORT]			
B0021-09	CURTAIN A/B MODULE LH [SHORT]	Side air bag system	3	SRC-40, "DTC Logic"
B0021-11	CURTAIN A/B MODULE LH [GND-SHORT]			
B0021-12	CURTAIN A/B MODULE LH [VB-SHORT]			
B0021-13	CURTAIN A/B MODULE LH [OPEN]			
B0021-1A	CURTAIN A/B MODULE LH [SHORT]			

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE (EXCEPT FOR MEXICO)]

DTC	Diagnostic item	Number of times of warning lamp blinking in diagnosis mode		Reference
		System display	Item display	
B0028-09	SIDE A/B MODULE RH [SHORT]	Side air bag system	2	SRC-42, "DTC Logic"
B0028-11	SIDE A/B MODULE RH [GND-SHORT]			
B0028-12	SIDE A/B MODULE RH [VB-SHORT]			
B0028-13	SIDE A/B MODULE RH [OPEN]			
B0028-1A	SIDE A/B MODULE RH [SHORT]			
B0029-09	CURTAIN A/B MODULE RH [SHORT]	Side air bag system	4	SRC-44, "DTC Logic"
B0029-11	CURTAIN A/B MODULE RH [GND-SHORT]			
B0029-12	CURTAIN A/B MODULE RH [VB-SHORT]			
B0029-13	CURTAIN A/B MODULE RH [OPEN]			
B0029-1A	CURTAIN A/B MODULE RH [SHORT]			
B0091-11	B-PILLAR SAT SEN LH [GND-SHORT]	Sensor system	2	SRC-46, "DTC Logic"
B0091-23	B-PILLAR SAT SEN LH [LOWER LIMIT ERR]			
B0091-24	B-PILLAR SAT SEN LH [UPPER LIMIT ERR]			
B0091-25	B-PILLAR SAT SEN LH [SELF-DIAG ERR]			
B0091-28	B-PILLAR SAT SEN LH [OFFSET ERR]			
B0091-81	B-PILLAR SAT SEN LH [COMM ERR]			
B0091-86	B-PILLAR SAT SEN LH [UNMATCH]			
B0091-88	B-PILLAR SAT SEN LH [OPEN]			
B0091-93	B-PILLAR SAT SEN LH [RESET]			
B0093-11	DOOR SATEL SENS LH [GND-SHORT]	Sensor system	6	SRC-48, "DTC Logic"
B0093-23	DOOR SATEL SENS LH [LOWER LIMIT ERR]			
B0093-24	DOOR SATEL SENS LH [UPPER LIMIT ERR]			
B0093-25	DOOR SATEL SENS LH [SELF-DIAG ERR]			
B0093-28	DOOR SATEL SENS LH [OFFSET ERR]			
B0093-81	DOOR SATEL SENS LH [COMM ERR]			
B0093-86	DOOR SATEL SENS LH [UNMATCH]			
B0093-88	DOOR SATEL SENS LH [OPEN]			
B0093-93	DOOR SATEL SENS LH [RESET]			
B0094-11	CRASH ZONE SENS [GND-SHORT]	Sensor system	1	SRC-50, "DTC Logic"
B0094-23	CRASH ZONE SENS [LOWER LIMIT ERR]			
B0094-24	CRASH ZONE SENS [UPPER LIMIT ERR]			
B0094-25	CRASH ZONE SENS [SELF-DIAG ERR]			
B0094-28	CRASH ZONE SENS [OFFSET ERR]			
B0094-81	CRASH ZONE SENS [COMM ERR]			
B0094-86	CRASH ZONE SENS [UNMATCH]			
B0094-88	CRASH ZONE SENS [OPEN]			
B0094-93	CRASH ZONE SENS [RESET]			

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE (EXCEPT FOR MEXICO)]

DTC	Diagnostic item	Number of times of warning lamp blinking in diagnosis mode		Reference
		System display	Item display	
B0096-11	B-PILLAR SAT SEN RH [GND-SHORT]	Sensor system	3	SRC-52. "DTC Logic"
B0096-23	B-PILLAR SAT SEN RH [LOWER LIMIT ERR]			
B0096-24	B-PILLAR SAT SEN RH [UPPER LIMIT ERR]			
B0096-25	B-PILLAR SAT SEN RH [SELF-DIAG ERR]			
B0096-28	B-PILLAR SAT SEN RH [OFFSET ERR]			
B0096-81	B-PILLAR SAT SEN RH [COMM ERR]			
B0096-86	B-PILLAR SAT SEN RH [UNMATCH]			
B0096-88	B-PILLAR SAT SEN RH [OPEN]			
B0096-93	B-PILLAR SAT SEN RH [RESET]			
B0098-11	DOOR SATEL SENS RH [GND-SHORT]	Sensor system	7	SRC-54. "DTC Logic"
B0098-23	DOOR SATEL SENS RH [LOWER LIMIT ERR]			
B0098-24	DOOR SATEL SENS RH [UPPER LIMIT ERR]			
B0098-25	DOOR SATEL SENS RH [SELF-DIAG ERR]			
B0098-28	DOOR SATEL SENS RH [OFFSET ERR]			
B0098-81	DOOR SATEL SENS RH [COMM ERR]			
B0098-86	DOOR SATEL SENS RH [UNMATCH]			
B0098-88	DOOR SATEL SENS RH [OPEN]			
B0098-93	DOOR SATEL SENS RH [RESET]			
B0099-11	SATELLITE SENSOR [GND-SHORT]	Sensor system	12	SRC-56. "DTC Logic"
B0099-23	SATELLITE SENSOR [LOWER LIMIT ERR]			
B0099-24	SATELLITE SENSOR [UPPER LIMIT ERR]			
B0099-25	SATELLITE SENSOR [SELF-DIAG ERR]			
B0099-28	SATELLITE SENSOR [OFFSET ERR]			
B0099-81	SATELLITE SENSOR [COMM ERR]			
B0099-86	SATELLITE SENSOR [UNMATCH]			
B0099-88	SATELLITE SENSOR [OPEN]			
B0099-93	SATELLITE SENSOR [RESET]			
B00A0-00	OCCUPANT SENS [ABNOMAL VOLTAGE]	Air bag control unit system	4	SRC-58. "DTC Logic"
B00A0-02	OCCUPANT SENS [UNIT MALFUNC]			
B00A0-09	OCCUPANT SENS [UNIT MALFUNC]			
B00A0-04	OCCUPANT SENS C/U [UNIT MALFUNC]			
B00A0-83	OCCUPANT SENS C/U [COMM ERR]			
B00A0-86	OCCUPANT SENS C/U [COMM ERR]			
B00A0-87	OCCUPANT SENS C/U [COMM ERR]			
B00A0-88	OCCUPANT SENS C/U [COMM ERR]			
B00A0-8F	OCCUPANT SENS C/U [UNDEFINED]			
B00A0-93	OCCUPANT SENS C/U [RESET]			
B00D5-04	PASS A/B INDCTR CKT [UNIT MALFUNC]	Air bag control unit system	3	SRC-60. "DTC Logic"
B00D5-11	PASS A/B INDCTR CKT [GND-SHORT]			
B00D5-12	PASS A/B INDCTR CKT [VB-SHORT]			
B00D5-13	PASS A/B INDCTR CKT [OPEN]			
B00D5-15	PASS A/B INDCTR CKT [PWR-SHORT/OPEN]			

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE (EXCEPT FOR MEXICO)]

DTC	Diagnostic item	Number of times of warning lamp blinking in diagnosis mode		Reference
		System display	Item display	
B1400-00	CONTROL UNIT [UNIT MALFUNC]	Air bag control unit system	2	SRC-62. "DTC Logic"
B1401-00	CONTROL UNIT [UNIT MALFUNC]			
B1402-00	CONTROL UNIT [UNIT MALFUNC]			
B1403-00	CONTROL UNIT [UNIT MALFUNC]			
B1404-00	CONTROL UNIT [UNIT MALFUNC]			
B1405-00	CONTROL UNIT [UNIT MALFUNC]	Air bag control unit system	2	SRC-64. "DTC Logic"
B1406-00	CONTROL UNIT [UNIT MALFUNC]			
B1407-00	CONTROL UNIT [UNIT MALFUNC]			
B1408-00	CONTROL UNIT [UNIT MALFUNC]			
B1409-00	CONTROL UNIT [UNIT MALFUNC]			
B1410-00	CONTROL UNIT [UNIT MALFUNC]	Air bag control unit system	2	SRC-66. "DTC Logic"
B1411-00	CONTROL UNIT [UNIT MALFUNC]			
B1412-00	CONTROL UNIT [UNIT MALFUNC]			
B1413-00	CONTROL UNIT [UNIT MALFUNC]			
B1414-00	CONTROL UNIT [UNIT MALFUNC]			
B1415-00	CONTROL UNIT [UNIT MALFUNC]	Air bag control unit system	2	SRC-68. "DTC Logic"
B1416-00	CONTROL UNIT [UNIT MALFUNC]			
B1417-00	CONTROL UNIT [UNIT MALFUNC]			
B1418-00	CONTROL UNIT [UNIT MALFUNC]			
B1419-00	CONTROL UNIT [UNIT MALFUNC]			
B1420-00	CONTROL UNIT [UNIT MALFUNC]	Air bag control unit system	1	SRC-70. "DTC Logic"
B1421-00	FRONTAL COLLISION			
B1422-00	SIDE COLLISION			
B1425-00	REAR COLLISION	Air bag control unit system	1	SRC-72. "DTC Logic"
B142A-16	IGNITION VOLTAGE [VB-LOW]	—	—	SRC-73. "DTC Logic"
B142A-17	IGNITION VOLTAGE [VB-HIGH]	—	—	
B1430-09	PRE-TEN FRONT LH [SHORT]	Front air bag system	3	SRC-75. "DTC Logic"
B1430-11	PRE-TEN FRONT LH [GND-SHORT]			
B1430-12	PRE-TEN FRONT LH [VB-SHORT]			
B1430-13	PRE-TEN FRONT LH [OPEN]			
B1430-1A	PRE-TEN FRONT LH [SHORT]			
B1431-09	PRE-TEN FRONT RH [SHORT]	Front air bag system	4	SRC-77. "DTC Logic"
B1431-11	PRE-TEN FRONT RH [GND-SHORT]			
B1431-12	PRE-TEN FRONT RH [VB-SHORT]			
B1431-13	PRE-TEN FRONT RH [OPEN]			
B1431-1A	PRE-TEN FRONT RH [SHORT]			
B1500-23	DOOR SATELLITE SENSOR [LOWER LIMIT ERR]	Sensor system	6	SRC-79. "DTC Logic"
B1500-24	DOOR SATELLITE SENSOR [UPPER LIMIT ERR]			
B1500-92	DOOR SATELLITE SENSOR [PERFRM ERR/INCRCT OPE]			

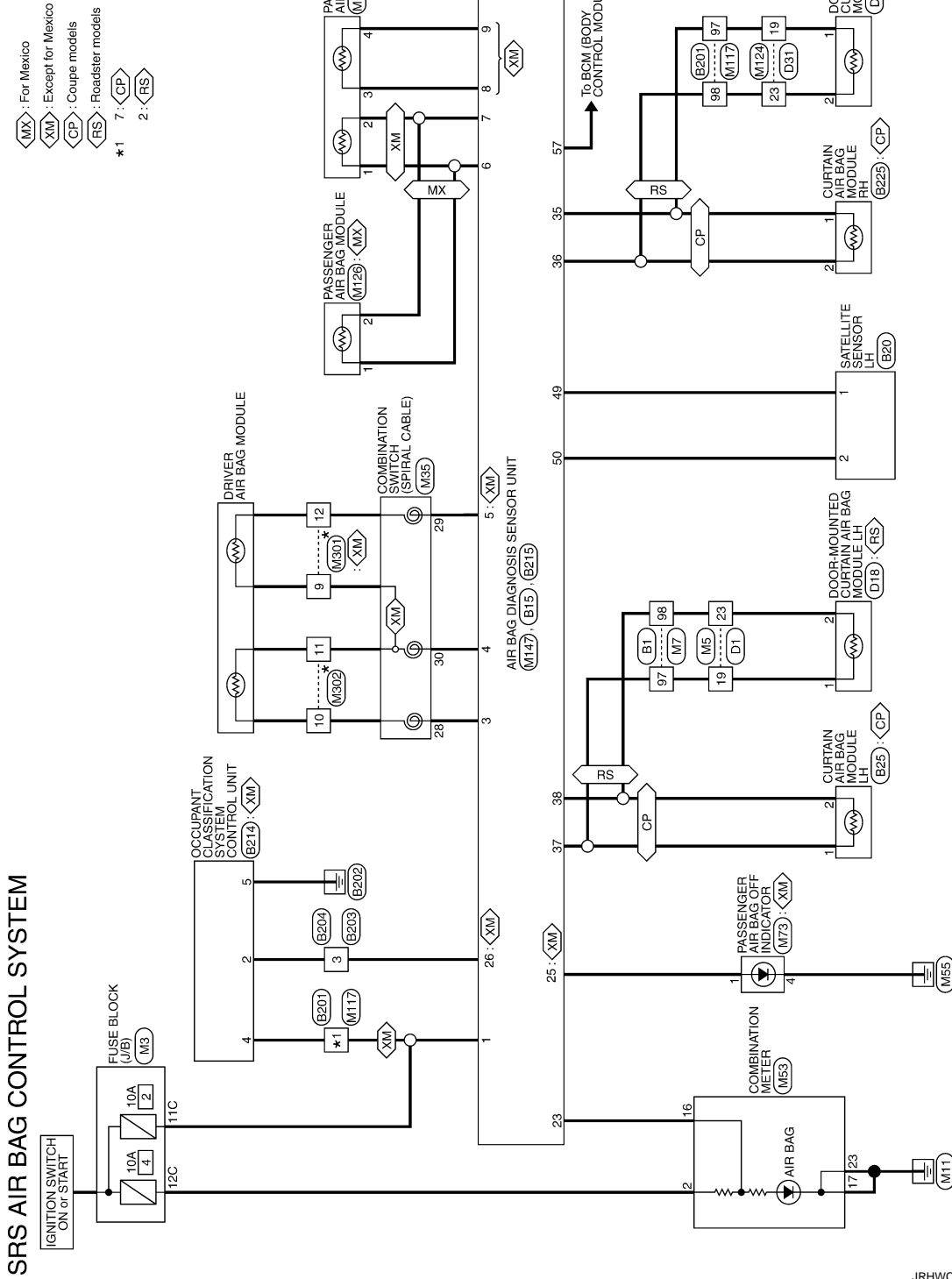
DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE (EXCEPT FOR MEXICO)]

Wiring Diagram - SRS AIR BAG CONTROL SYSTEM -

INFOID:000000011739763



* : This connector is not shown in "Harness Layout".

2015/01/09

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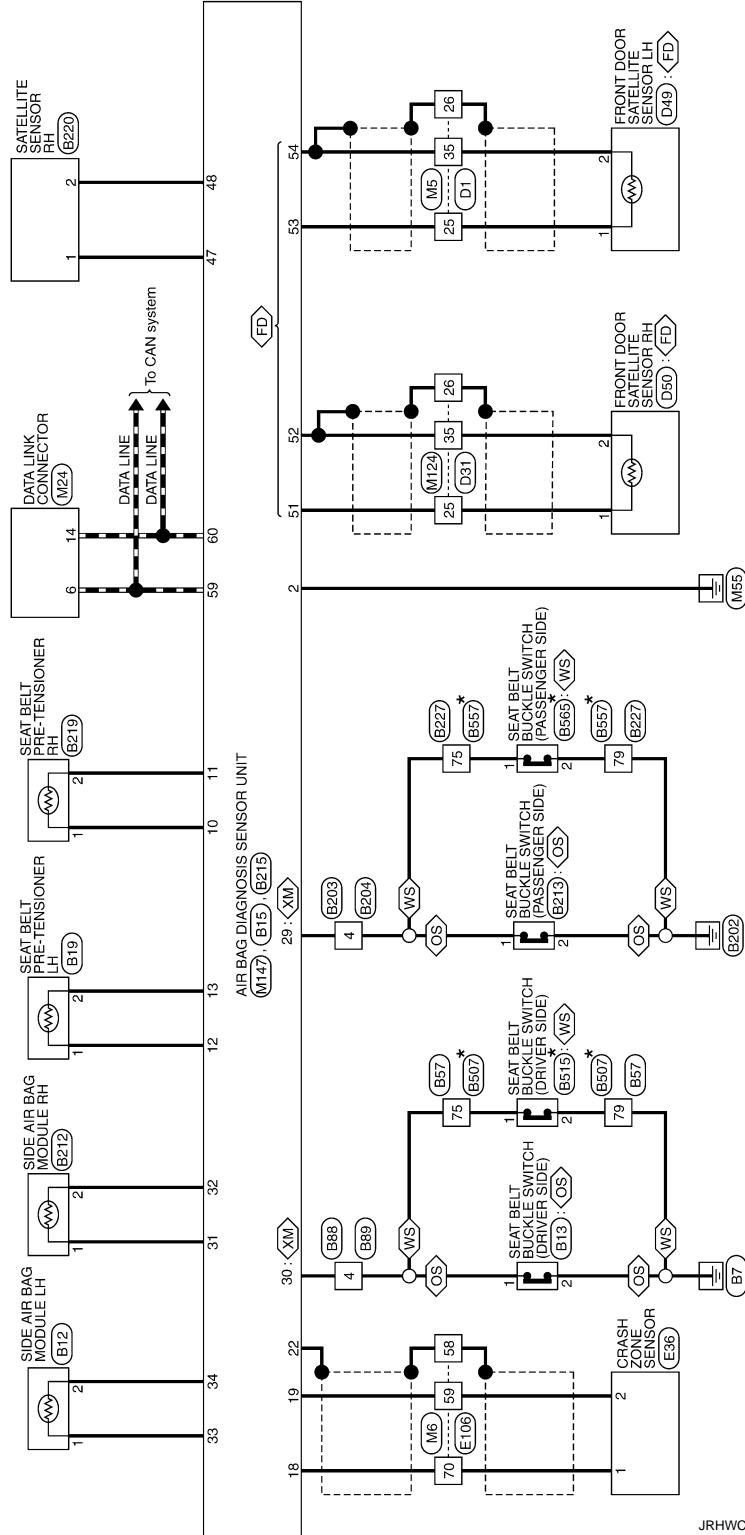
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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE (EXCEPT FOR MEXICO)]

- <WS> : With climate controlled seat
- <OS> : Without climate controlled seat
- <FD> : With front door satellite sensor



*: This connector is not shown in "Harness Layout".

JRHWC3731GB

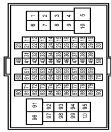
DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE (EXCEPT FOR MEXICO)]

SRS AIR BAG CONTROL SYSTEM

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-C316-TM4



Terminal No.	Color Of Wire	Signal Name (Specification)
1	G	-
2	BG	-
3	Y	-
4	W	-
6	V	-
7	LG	-
8	GR	-
9	BR	-
11	W	-
12	W	-
13	BR	-
14	GR	-
15	B	-
16	V	-
17	R	-
18	B	-
20	BR	-
21	G	-
22	GR	-
23	V	-
24	BG	-
25	L	-
26	P	-
27	W	-
28	SHIELD	-
31	W	-
32	B	-
33	P	- [Coupe models]
33	W	- [Reader models]
34	R	-
35	B	- [Reader models]
35	W	- [Coupe models]
36	B	-
37	BR	-
38	BR	-

39	BR	-
40	Y	-
41	L	-
42	GR	- [Coupe models]
43	BR	- [Reader models]
44	R	-
45	BG	- [Reader models]
46	BR	- [Coupe models]
46	SHIELD	- [Reader models]
47	V	-
48	SHIELD	- [Reader models]
48	V	- [Coupe models]
49	V	-
51	W	-
52	L	- [Coupe models]
52	R	- [Reader models]
53	P	-
54	G	-
55	R	-
57	SHIELD	-
58	B	-
60	BR	-
61	SHIELD	-
62	SHIELD	-
63	BR	-
64	Y	-
65	SHIELD	-
66	V	-
67	L	-
68	SHIELD	-
69	R	-
70	G	-
71	V	-
72	P	-
73	BR	-
74	GR	-
75	BG	-
80	Y	-
81	R	-
82	B	-
83	GR	-
84	G	- [Coupe models]
84	L	- [Reader models]
85	LG	-
86	V	-
87	BR	-
88	GR	-
89	Y	-
94	G	-

95	LG	-
96	L	-
97	Y	- [Coupe models]
98	W	- [Reader models]
98	Y/B	-
99	LG	-
100	B	-

Connector No.	B12
Connector Name	SIDE AIR BAG MODULE LH
Connector Type	TR02FY-EX-1V



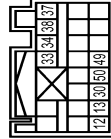
Terminal No.	Color Of Wire	Signal Name (Specification)
2	Y	-

Connector No.	B13
Connector Name	SEAT BELT BUCKLE SWITCH (DRIVER SIDE)
Connector Type	A03FW



Terminal No.	Color Of Wire	Signal Name (Specification)
1	G	- [Coupe models]
1	L	- [Reader models]
2	B	-

Connector No.	B15
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH22FY-2V-EX



Terminal No.	Color Of Wire	Signal Name (Specification)
12	Y	PHH(+)
13	Y	PH(-)
30	SB	LH-BUCKLE SW INPUT
33	Y	SH(+)
34	Y	SH(-)
37	Y	CH(+)
38	Y/B	CH(-)
39	B	SATELLITE IM (+) [Reader models]
40	Y	SATELLITE IM (-) [Coupe models]
50	Y	SATELLITE IM (+) [Reader models]
50	W	SATELLITE IM (-) [Reader models]

Connector No.	B19
Connector Name	SEAT BELT PRE-TENSIONER LH
Connector Type	ACB02FY



Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y	-
2	Y	-

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE (EXCEPT FOR MEXICO)]

SRS AIR BAG CONTROL SYSTEM

Connector No.	B20
Connector Name	SATELLITE SENSOR LH
Connector Type	HM02FY-1V-EX-LC



Terminal No.	Color Of Wire	Signal Name (Specification)
1	B	- [Roadster models]
1	P	- [Coupe models]
2	L	- [Coupe models]
2	W	- [Roadster models]

Connector No.	B25
Connector Name	CURTAIN AIR BAG MODULE LH
Connector Type	ACE02FY



Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y	-
2	Y/B	-

Connector No.	B57
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



Terminal No.	Color Of Wire	Signal Name (Specification)
75	L	-
76	B	-
78	LG	-
79	B	-
80	B	-
81	Y	-
82	G	-
84	BG	-
95	GR	-
100	BR	-

Connector No.	B88
Connector Name	WIRE TO WIRE
Connector Type	TH04FW-NH



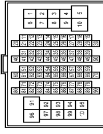
Terminal No.	Color Of Wire	Signal Name (Specification)
4	SB	-

Connector No.	B89
Connector Name	WIRE TO WIRE
Connector Type	TH04MW-NH



Terminal No.	Color Of Wire	Signal Name (Specification)
4	SB	-

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH88FY-0316-TM4



Terminal No.	Color Of Wire	Signal Name (Specification)
2	R	-
3	B	-
4	G	-
6	SHIELD	- [Coupe models]
7	R	- [Coupe models]
7	Y	- [Roadster models]
8	BR	- [Roadster models]
8	LG	- [Roadster models]
9	Y	-
11	R	-
12	G	-
22	R	-
3D	B	-
4D	W	-
4L	V	-
42	G	-
43	B	-
44	SB	-
51	P	-

52	L	-
53	SHIELD	- [Coupe models]
54	BR	- [Roadster models]
55	Y	- [Coupe models]
56	SHIELD	- [Roadster models]
57	G	- [Coupe models]
57	P	- [Roadster models]
58	L	- [Roadster models]
58	R	- [Coupe models]
59	B	-
60	W	-
61	GR	-
62	B	-
63	Y	-
64	V	-
65	SB	-
66	BG	-
67	V	-
68	P	-
69	L	-
70	S	- [Roadster models]
71	V	- [Coupe models]
72	GR	- [Coupe models]
72	L	- [Roadster models]
72	P	- [Coupe models]
73	L	- [Coupe models]
73	P	- [Roadster models]
74	P	-
75	B	- [Coupe models]
76	B	- [Roadster models]
76	W	- [Roadster models]
77	W	-
92	LG	- [Roadster models]
92	SB	- [Coupe models]
93	V	- [Coupe models]
93	W	- [Roadster models]
94	G	- [Roadster models]
94	SHIELD	- [Coupe models]
95	GR	- [Roadster models]
95	LG	- [Roadster models]
97	LG	- [Coupe models]
97	Y	- [Roadster models]
98	W	- [Coupe models]
98	Y/B	- [Roadster models]
99	G	-
100	BR	- [Coupe models]
100	Y	- [Roadster models]

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE (EXCEPT FOR MEXICO)]

SRS AIR BAG CONTROL SYSTEM

Connector No.	B203
Connector Name	WIRE TO WIRE
Connector Type	TH04FW-NH



Terminal No.	Color Of Wire	Signal Name (Specification)
3	V	-
4	LG	-

Connector No.	B204
Connector Name	WIRE TO WIRE
Connector Type	TH04MW-NH



Terminal No.	Color Of Wire	Signal Name (Specification)
3	V	-
4	LG	-

Connector No.	B212
Connector Name	SIDE AIR BAG MODULE RH
Connector Type	TH02FY-EX-1V



Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y	-
2	Y	-

Connector No.	B213
Connector Name	SEAT BELT BUCKLE SWITCH (PASSENGER SIDE)
Connector Type	MS3PW



Terminal No.	Color Of Wire	Signal Name (Specification)
1	G	- [For Mexico]
1	LG	- [Except for Mexico]
2	B	-

Connector No.	B214
Connector Name	SECURITY CLASSIFICATION SYSTEM CONTROL UNIT
Connector Type	TH08FW-NH



Terminal No.	Color Of Wire	Signal Name (Specification)
2	V	COMMUNICATION
4	R	IGN
5	B	GROUND

Connector No.	B215
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH23FY-1V-EX



Terminal No.	Color Of Wire	Signal Name (Specification)
10	Y	PRH (+)
11	Y	PRH (-)
26	V	ODS INPUT
29	LG	RH BUCKLE SW INPUT
31	Y	SRH (-)
32	Y	SRH (+)
35	Y	GRH (+)
36	V/B	GRH (-)
47	B	SATELLITE RH (+) [Roadster models]
47	G	SATELLITE RH (+) [Coupe models]
48	R	SATELLITE RH (-) [Coupe models]
48	W	SATELLITE RH (-) [Roadster models]

Connector No.	B219
Connector Name	SEAT BELT PRE-TENSIONER RH
Connector Type	ACB02FY



Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y	-
2	Y	-

Connector No.	B220
Connector Name	SATELLITE SENSOR RH
Connector Type	NH02FY-1V-EX-LC



Terminal No.	Color Of Wire	Signal Name (Specification)
1	B	- [Roadster models]
1	G	- [Coupe models]
2	R	- [Coupe models]
2	W	- [Roadster models]

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE (EXCEPT FOR MEXICO)]

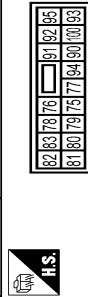
SRS AIR BAG CONTROL SYSTEM

Connector No.	B225
Connector Name	CURTAIN AIR BAG MODULE RH
Connector Type	ACB02FY



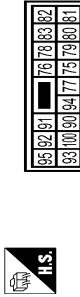
Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y	-
2	Y/B	-

Connector No.	B227
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



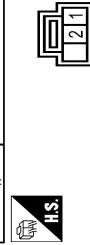
Terminal No.	Color Of Wire	Signal Name (Specification)
75	LG	-
76	B	-
78	G	-
79	B	-
90	B	-
91	L	-
92	G	-
93	Y	-
94	SB	-
95	V	-
100	W	-

Connector No.	B507
Connector Name	WIRE TO WIRE
Connector Type	NS16MMW-CS



Terminal No.	Color Of Wire	Signal Name (Specification)
75	L	-
76	B	-
78	LG	-
79	B	-
80	B	-
81	V	-
82	G	-
83	S	-
84	BG	-
85	GR	-
100	BR	-

Connector No.	B515
Connector Name	SEAT BELT BUCKLE SWITCH (DRIVER SIDE)
Connector Type	T103FW



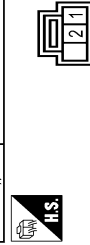
Terminal No.	Color Of Wire	Signal Name (Specification)
1	UW	-
2	O	-

Connector No.	B557
Connector Name	WIRE TO WIRE
Connector Type	NS16MMW-CS



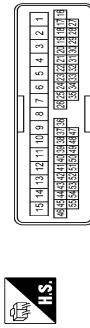
Terminal No.	Color Of Wire	Signal Name (Specification)
75	LG	-
76	B	-
78	G	-
79	B	-
80	B	-
81	L	-
82	S	-
83	G	-
84	SB	-
85	V	-
100	W	-

Connector No.	B565
Connector Name	SEAT BELT BUCKLE SWITCH (PASSENGER SIDE)
Connector Type	T103FW



Terminal No.	Color Of Wire	Signal Name (Specification)
1	UW	-
2	O	-

Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	T140FW-CS15



Terminal No.	Color Of Wire	Signal Name (Specification)
6	SHIELD	-
7	Y	-
8	Y	-
9	G	-
10	BG	-
11	V	- [With SRS system]
12	Y	- [Without SRS system]
13	B	-
14	SB	- [Coupe models]
15	W	- [Roadster models]
19	Y	-
23	Y/B	-
25	R	-
26	SHIELD	-
35	G	-
44	L	-
47	B	-
48	SB	-
49	W	-
50	LG	-
51	R	-
52	V	-
53	BG	-
54	GR	-
55	G	-

JRHWC3735GB

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE (EXCEPT FOR MEXICO)]

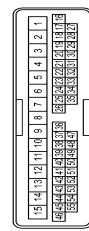
SRS AIR BAG CONTROL SYSTEM

Connector No.	D18
Connector Name	DOOR-MOUNTED CURTAIN AIR BAG MODULE LH
Connector Type	ACB02FY



Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y	-
2	Y/B	-

Connector No.	D31
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-C315



Terminal No.	Color Of Wire	Signal Name (Specification)
9	SHIELD	-
10	V	-
11	LG	-
12	P	- [Without BOSE system] - [With BOSE system]
13	L	- [Without BOSE system] - [With BOSE system]
14	B	-
15	W	-
19	Y	-
23	Y/B	-
25	R	-
26	SHIELD	-
35	G	-
44	L	-
50	Y	-
51	Y	-
52	G	-

S3	BG	-
S4	GR	-
S5	L	-

Connector No.	D48
Connector Name	DOOR-MOUNTED CURTAIN AIR BAG MODULE RH
Connector Type	ACB02FY



Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y	-
2	Y/B	-

Connector No.	D59
Connector Name	FRONT DOOR SATELLITE SENSOR LH
Connector Type	HM02FY-1V-EX-4C



Terminal No.	Color Of Wire	Signal Name (Specification)
1	R	-
2	G	-

Connector No.	D50
Connector Name	FRONT DOOR SATELLITE SENSOR RH
Connector Type	HM02FY-1V-EX-4C



Terminal No.	Color Of Wire	Signal Name (Specification)
1	R	-
2	G	-

Connector No.	E56
Connector Name	CRASH ZONE SENSOR
Connector Type	HM02FY-1V-EX-4C



Terminal No.	Color Of Wire	Signal Name (Specification)
1	P	-
2	L	-

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-C316-TM4



Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	B	-
11	V	-
12	R	-
13	L	-
14	GR	-
15	P	-
16	W	-
17	SB	-
20	LG	-
21	BR	- [Coupe models] - [Roadster models]
31	L	-
32	Y	-
36	V	-
37	Y	-
38	R	-
39	B	-
40	W	-
41	UG	-
42	SB	-
43	G	-
44	GR	- [Except for roadster models with M/T] - [Roadster models with M/T]
45	BG	-
46	W	-
47	P	-
58	SHIELD	-
59	L	-
60	W	-
61	P	-

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DIAGNOSIS SENSOR UNIT

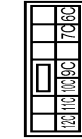
< ECU DIAGNOSIS INFORMATION >

[COUPE (EXCEPT FOR MEXICO)]

SRS AIR BAG CONTROL SYSTEM

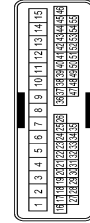
82	G	-	-
83	V	-	-
84	L	-	-
85	BR	-	-
86	Y	-	-
87	LG	-	-
88	R	-	-
89	P	-	-
91	W	-	-
92	L	-	-
93	G	-	-
94	Y	-	-
96	GR	-	-
98	LG	-	-
99	W	-	-
100	BR	-	-

Connector No.	M3
Connector Name	FUSE BLOCK (I/II)
Connector Type	MS224V-CS



Terminal No.	Color Of Wire	Signal Name (Specification)
10C	L	-
11C	LG	-
12C	O	-
6C	R	-
7C	B	-
9C	O	[Roadster models]
9C	R	- [Coupe models]

Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	TH40MMV-CS13



Terminal No.	Color Of Wire	Signal Name (Specification)
6	SHIELD	-
7	Y	-
8	Y	-
9	G	-
10	V	-
11	V	- [Without active noise control]
11	V	- [With active noise control]
12	BR	- [Without active noise control]
12	BR	- [With active noise control]
13	B	- [Without active noise control]
14	Y	-
15	W	-
19	Y	-
23	Y/B	-
25	Y	-
26	SHIELD	-
35	BR	-
44	L	-
47	B	-
48	SB	-
49	Y	-
50	W	-
51	R	-
52	L	-
53	W	-
54	G	-
55	R	-

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MMV-CS1F-TM4



Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	B	-
11	GR	-
13	R	-
14	G	-
15	P	-
16	W	-
17	BR	-
20	GR	-
21	R	-
31	BR	-
32	V	-
36	SB	-
37	Y	-
38	LG	-
39	SB	-
40	W	-
41	LG	-
42	R	-
43	G	-
44	G	- [With A/T]
44	R	- [With M/T]
45	O	-
46	G	-
47	BR	-
58	SHIELD	-
59	L	-
70	R	-
80	LG	-
81	GR	-
82	V	-

83	V	-
84	L	-
85	BR	-
86	Y	-
87	G	-
89	P	-
91	W	-
92	P	-
93	P	-
94	Y	-
96	P	-
98	O	-
99	W	-
100	R	-

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH80MMV-CS1F-TM4



Terminal No.	Color Of Wire	Signal Name (Specification)
1	BR	-
2	O	-
3	LG	-
4	O	-
6	V	-
7	LG	-
8	SR	-
9	GR	-
11	Y	-
12	V	-
13	BR	-
14	V	-
15	B	-
16	V	-
17	R	-
18	L	-
20	SB	-
21	G	-
22	GN	-
23	V	-

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

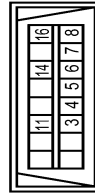
[COUPE (EXCEPT FOR MEXICO)]

SRS AIR BAG CONTROL SYSTEM

24	R	-	-	-	-
25	L	-	-	-	-
26	P	-	-	-	-
27	B	-	-	-	-
28	SHIELD	-	-	-	-
31	W	-	-	-	-
32	B	-	-	-	-
33	W	-	-	-	-
34	R	-	-	-	-
35	B	-	-	-	-
36	L	-	-	-	-
37	SH	-	-	-	-
38	SH	-	-	-	-
39	SH	-	-	-	-
40	L	-	-	-	-
41	R	-	-	-	-
42	GR	-	-	-	-
43	R	-	-	-	-
44	R	-	-	-	-
45	O	-	-	-	-
46	IG	-	-	-	-
46	SHIELD	-	-	-	-
46	V	-	-	-	-
47	V	-	-	-	-
48	SHIELD	-	-	-	-
48	V	-	-	-	-
49	V	-	-	-	-
51	V	-	-	-	-
52	L	-	-	-	-
52	R	-	-	-	-
53	P	-	-	-	-
54	G	-	-	-	-
55	R	-	-	-	-
57	SHIELD	-	-	-	-
58	B	-	-	-	-
60	L	-	-	-	-
61	R	-	-	-	-
62	SHIELD	-	-	-	-
63	R	-	-	-	-
64	G	-	-	-	-
65	SHIELD	-	-	-	-
66	IG	-	-	-	-
67	V	-	-	-	-
68	SHIELD	-	-	-	-
69	L	-	-	-	-
70	P	-	-	-	-
71	V	-	-	-	-
72	P	-	-	-	-
73	BR	-	-	-	-
74	GR	-	-	-	-

75	O	-	-	-	-
80	W	-	-	-	-
81	W	-	-	-	-
82	BR	-	-	-	-
83	GR	-	-	-	-
84	L	-	-	-	-
85	LG	-	-	-	-
86	V	-	-	-	-
87	BR	-	-	-	-
88	SH	-	-	-	-
93	Y	-	-	-	-
94	L	-	-	-	-
95	W	-	-	-	-
96	L	-	-	-	-
97	LG	-	-	-	-
97	Y	-	-	-	-
98	B5	-	-	-	-
98	Y78	-	-	-	-
99	W	-	-	-	-
100	B	-	-	-	-

Connector No.	M24
Connector Name	DATA LINK CONNECTOR
Connector Type	BD16SV



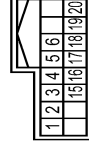
Terminal No.	Color Of Wire	Signal Name (Specification)
3	LG	- [Coupe models]
3	Y	- [Roadster models]
4	B	-
5	B	-
6	L	-
7	Y	-
8	G	-
11	LG	- [Roadster models]
11	Y	- [Coupe models]
14	P	-
16	Y	-

Connector No.	M35
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TR06FLX-TV



Terminal No.	Color Of Wire	Signal Name (Specification)
23	W	-
28	Y	-
29	Y	-
30	Y	-

Connector No.	M53
Connector Name	COMBINATION METER
Connector Type	TR24RV-NH



Terminal No.	Color Of Wire	Signal Name (Specification)
1	V	BATTERY POWER SUPPLY
2	O	IGNITION SIGNAL
3	L	VEHICLE SPEED SIGNAL (2-PULSE)
4	V	VEHICLE SPEED SIGNAL (8-PULSE) [For Mexico]
4	Y	VEHICLE SPEED SIGNAL (8-PULSE) [Except for Mexico]
5	B	ILLUMINATION CONTROL SIGNAL
6	R	ROOF STATUS SIGNAL
9	BR	COMMUNICATION SIGNAL (METER-TRIPLE METER)
10	L	COMMUNICATION SIGNAL (TRIPLE METER-METER)
12	G	S-WIDE SWITCH SIGNAL
15	L	ACC-POWER SUPPLY
16	R	AIR BAG SIGNAL
17	B	GROUND
18	V	AMBIENT SENSOR SIGNAL
19	G	A/C-AUTO-STOP CONNECTION SIGNAL
20	GR	AMBIENT SENSOR GROUND

21	L	CANH
22	P	CAN-L
23	B	GROUND
24	Y	FUEL LEVEL SENSOR GROUND

Connector No.	M73
Connector Name	PASSENGER AIR BAG OFF INDICATOR
Connector Type	JAB03FB



Terminal No.	Color Of Wire	Signal Name (Specification)
1	R	-
4	B	-

Connector No.	M103
Connector Name	PASSENGER AIR BAG MODULE
Connector Type	RK04FY-BD



Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y	-
2	Y	-
3	Y	-
4	Y	-

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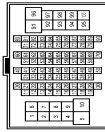
DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE (EXCEPT FOR MEXICO)]

SRS AIR BAG CONTROL SYSTEM

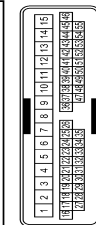
Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80MMW-CS16-TM4



Terminal No.	Color Of Wire	Signal Name [Specification]
2	LG	-
3	B	-
4	W	-
6	SHIELD	-
7	LG	- [Coupe models] - [Roadster models]
8	BR	- [Coupe models] - [Roadster models]
9	V	- [Coupe models] - [Roadster models]
11	R	-
12	G	-
22	R	-
30	B	-
40	O	-
41	Y	-
42	G	-
43	L	-
44	SB	-
51	R	-
52	G	-
53	SHIELD	-
54	LG	-
55	V	-
56	SHIELD	-
57	G	- [Coupe models] - [Roadster models]
58	L	- [Roadster models]
58	R	- [Coupe models]
59	B	-
60	W	-
61	GR	-
62	B	- [Without active noise control unit] - [With active noise control unit]
63	Y	- [With active noise control unit]
64	L	-
65	C	-
66	O	-

67	V	-
68	P	-
69	L	-
70	L	-
71	B	-
72	B	-
73	B	-
74	B	-
75	B	-
76	B	-
77	B	-
92	G	- [Coupe models] - [Roadster models]
92	LG	- [Coupe models] - [Roadster models]
93	R	- [Coupe models] - [Roadster models]
93	V	- [Roadster models]
94	G	- [Roadster models]
94	SHIELD	- [Roadster models]
95	LG	- [Coupe models] - [Roadster models]
95	SB	- [Coupe models] - [Roadster models]
97	LG	- [Coupe models] - [Roadster models]
98	V	- [Coupe models] - [Roadster models]
98	Y/B	- [Roadster models]
99	G	-
100	BR	- [Coupe models] - [Roadster models]
100	Y	- [Roadster models]

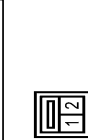
Connector No.	M124
Connector Name	WIRE TO WIRE
Connector Type	TH40MMW-CS15



Terminal No.	Color Of Wire	Signal Name [Specification]
9	SHIELD	-
10	G	-
11	V	-
12	LG	- [Without active noise control unit] - [With active noise control unit]
12	R	- [With active noise control unit]
13	BR	-
13	V	- [Without active noise control unit]
14	B	-

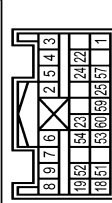
15	W	-
19	Y	-
23	Y/B	-
25	W	-
26	SHIELD	-
35	B	-
44	O	-
50	Y	-
51	Y	-
52	GR	-
53	W	-
54	G	-
55	R	-

Connector No.	M126
Connector Name	PASSENGER AIR BAG MODULE
Connector Type	TR02FF-EX1V



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	-
2	Y	-

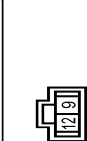
Connector No.	M147
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NIH28FF-EX



Terminal No.	Color Of Wire	Signal Name [Specification]
1	BS	IGN
2	B	GRD
3	Y	DR L (-)

4	Y	DR L (-) DR Z (-)
5	Y	DR Z (+)
6	Y	AS 1 (+)
7	Y	AS 1 (-)
8	Y	AS 2 (+)
9	Y	AS 2 (-)
18	R	ECZ 1 (+)
19	L	ECZ 1 (-)
22	SHIELD	GND
23	R	AIRBAG W/L
24	P	SEAT BELT
25	R	CUTOFF TELLTALE
51	W	SATELLITE RH2 (-)
52	B	SATELLITE RH2 (-)
53	Y	SATELLITE LH2 (-)
54	BR	SATELLITE LH2 (-)
57	O	DEPLOYMENT INFORMATION OUTPUT
59	L	CAN-H
60	P	CAN-L

Connector No.	R4281
Connector Name	DRIVER AIR BAG MODULE
Connector Type	ALCA02FOR



Terminal No.	Color Of Wire	Signal Name [Specification]
9	-	-
12	-	-

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE (EXCEPT FOR MEXICO)]

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SRS AIR BAG CONTROL SYSTEM

Connector No.	M302
Connector Name	DRIVER AIR BAG MODULE
Connector Type	ACA02F4-2V



Terminal No.	Color Of Wire	Signal Name (Specification)
1	-	-
2	-	-

JRHWC3740GB

SRS AIR BAG WARNING LAMP DOES NOT TURN OFF

< SYMPTOM DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

SYMPTOM DIAGNOSIS

SRS AIR BAG WARNING LAMP DOES NOT TURN OFF

Diagnosis Procedure

INFOID:000000011739764

1.CHECK SELF DIAGNOSIS RESULT

Perform "AIR BAG" Self Diagnostic Result with CONSULT.

Is DTC detected?

- YES >> Repair or replace the malfunctioning parts. Refer to [SRC-81. "DTC Index"](#).
- NO >> GO TO 2.

2.CHECK AIR BAG FUSE

Check 10 A fuse [No.2, located in fuse block (J/B)].

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Replace the fuse.

3.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 4.
- NO >> Replace harness connectors.

4.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 5.
- NO >> Replace wiring harness.

5.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
2. Check air bag warning lamp operation.

Is the inspection result normal?

- YES >> INSPECTION END
- NO >> GO TO 1.

SRS AIR BAG WARNING LAMP DOES NOT TURN ON

< SYMPTOM DIAGNOSIS >

[COUPE (EXCEPT FOR MEXICO)]

SRS AIR BAG WARNING LAMP DOES NOT TURN ON

Diagnosis Procedure

INFOID:000000011739765

1.CHECK METER FUSE

Check 10 A fuse [No.4, located in fuse block (J/B)].

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace the fuse.

2.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace harness connectors.

3.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace wiring harness.

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).

2. Check air bag warning lamp operation.

Is the inspection result normal?

YES >> INSPECTION END

NO >> GO TO 1.

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PRECAUTION

PRECAUTIONS

Precautions for Removing Battery Terminal

INFOID:000000012103795

- When removing the 12V battery terminal, turn OFF the ignition switch and wait at least 30 seconds.

NOTE:

ECU may be active for several tens of seconds after the ignition switch is turned OFF. If the battery terminal is removed before ECU stops, then a DTC detection error or ECU data corruption may occur.

- For vehicles with the 2-batteries, be sure to connect the main battery and the sub battery before turning ON the ignition switch.

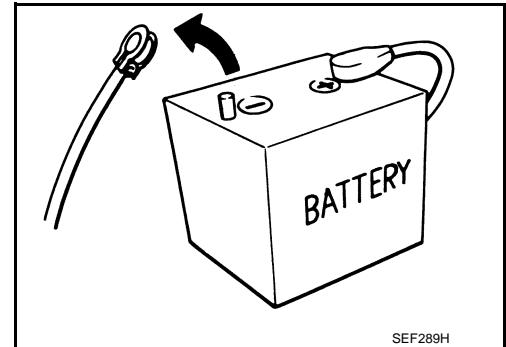
NOTE:

If the ignition switch is turned ON with any one of the terminals of main battery and sub battery disconnected, then DTC may be detected.

- After installing the 12V battery, always check "Self Diagnosis Result" of all ECUs and erase DTC.

NOTE:

The removal of 12V battery may cause a DTC detection error.



Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"

INFOID:000000011739766

The Supplemental Restraint System such as "AIR BAG" and "SEAT BELT PRE-TENSIONER", used along with a front seat belt, helps to reduce the risk or severity of injury to the driver and front passenger for certain types of collision. This system includes seat belt switch inputs and dual stage front air bag modules. The SRS system uses the seat belt switches to determine the front air bag deployment, and may only deploy one front air bag, depending on the severity of a collision and whether the front occupants are belted or unbelted. Information necessary to service the system safely is included in the "SRS AIR BAG" and "SEAT BELT" of this Service Manual.

WARNING:

Always observe the following items for preventing accidental activation.

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision that would result in air bag inflation, all maintenance must be performed by an authorized NISSAN/INFINITI dealer.
- Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see "SRS AIR BAG".
- Never use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.

PRECAUTIONS WHEN USING POWER TOOLS (AIR OR ELECTRIC) AND HAMMERS

WARNING:

Always observe the following items for preventing accidental activation.

- When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the ignition ON or engine running, never use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.
- When using air or electric power tools or hammers, always switch the ignition OFF, disconnect the battery, and wait at least 3 minutes before performing any service.

Service

INFOID:000000011739767

- Do not use electrical test equipment to check SRS circuits unless instructed to in this Service Manual.
- Before servicing the SRS, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more.

PRECAUTIONS

[COUPE (EXCEPT FOR MEXICO)]

< PRECAUTION >

For approximately 3 minutes after the battery negative terminal is removed, it is still possible for the air bag and seat belt pre-tensioner to deploy. Therefore, do not work on any SRS connectors or wires until 3 minutes or more elapse.

- Diagnosis sensor unit must always be installed with their arrow marks “←” pointing towards the front of the vehicle for normal operation. Also check diagnosis sensor unit for cracks, deformities, or rust before installation and replace if necessary.
- The spiral cable must be aligned in the neutral position since its rotations are limited. Do not turn steering wheel and column after removal of steering gear.
- Handle air bag module carefully. Always place driver and front passenger air bag modules with the pad side facing upward and seat mounted front side air bag module standing with the stud bolt side facing down.
- Perform self-diagnosis to check entire SRS for normal function after replacing any components.
- After air bag inflates, the front instrument panel assembly must be replaced if damaged.
- Always replace instrument panel pad following front passenger air bag deployment.

Occupant Classification System Precaution

INFOID:000000011739768

Replace Occupant Classification System control unit and passenger front seat cushion as an assembly. Refer to [SE-84, "Removal and Installation"](#).

Precaution for Battery Service

INFOID:000000011739769

Before disconnecting the battery, lower both the driver and passenger windows. This will prevent any interference between the window edge and the vehicle when the door is opened/closed. During normal operation, the window slightly raises and lowers automatically to prevent any window to vehicle interference. The automatic window function will not work with the battery disconnected.

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SRC

DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

[COUPE (FOR MEXICO)]

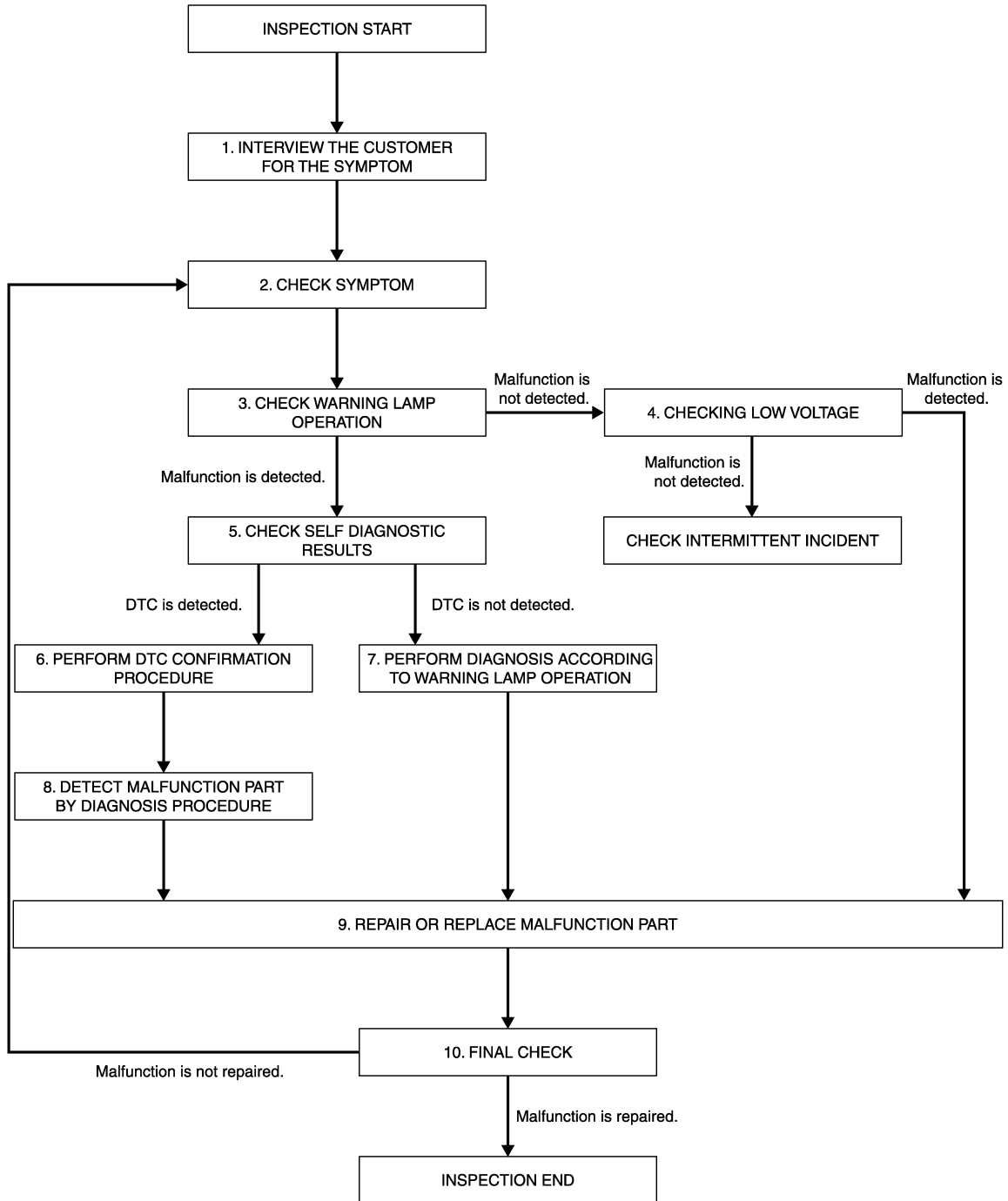
BASIC INSPECTION

DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

INFOID:000000011739770

OVERALL SEQUENCE



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DETAILED FLOW

Revision: 2015 June

SRC-100

2016 370Z

DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

[COUPE (FOR MEXICO)]

1. INTERVIEW THE CUSTOMER FOR THE SYMPTOM

Interview the customer for the symptom (the condition and the environment when the incident/malfunction occurs).

>> GO TO 2.

2. CHECK SYMPTOM

Check the symptom from the customer information.

>> GO TO 3.

3. CHECK WARNING LAMP OPERATION

Check air bag warning lamp operation in the user mode. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

Are any malfunction detected?

YES >> GO TO 5.

NO >> GO TO 4.

4. CHECK LOW VOLTAGE

Check low voltage with CONSULT. Refer to [SRC-110, "CONSULT Function"](#).

Are any malfunction detected?

YES >> GO TO 9.

NO >> Check intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

5. CHECK SELF DIAGNOSTIC RESULTS

Check self diagnostic result with CONSULT or diagnosis mode.

If it is impossible to switch to diagnosis mode, follow the same procedure that DTC is not detected.

NOTE:

Perform the following procedure if DTC is detected.

- Record DTC (Print them out with CONSULT.)
- Erase self diagnostic result.
- Study the relationship between the malfunction that DTC or air bag warning lamp indicates and the symptom that the customer describes.
- Check related service bulletins for information.

Is DTC detected?

YES >> GO TO 6.

NO >> GO TO 7.

6. PERFORM DTC CONFIRMATION PROCEDURE

Perform DTC CONFIRMATION PROCEDURE for the DTC.

>> GO TO 8.

7. PERFORM DIAGNOSIS ACCORDING TO WARNING LAMP OPERATION

1. Check air bag warning lamp operation in the user mode. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).
2. Perform Diagnosis Procedure for the air bag warning lamp operation. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#) (USER MODE).

>> GO TO 9.

8. DETECT MALFUNCTIONING PART BY DIAGNOSTIC PROCEDURE

Inspect according to Diagnostic Procedure of the DTC.

>> GO TO 9.

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DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

[COUPE (FOR MEXICO)]

9.REPAIR OR REPLACE THE MALFUNCTION PART

Repair or replace the malfunctioning part.

>> GO TO 10.

10.FINAL CHECK

Check self diagnostic result and air bag warning lamp operation in the user mode.

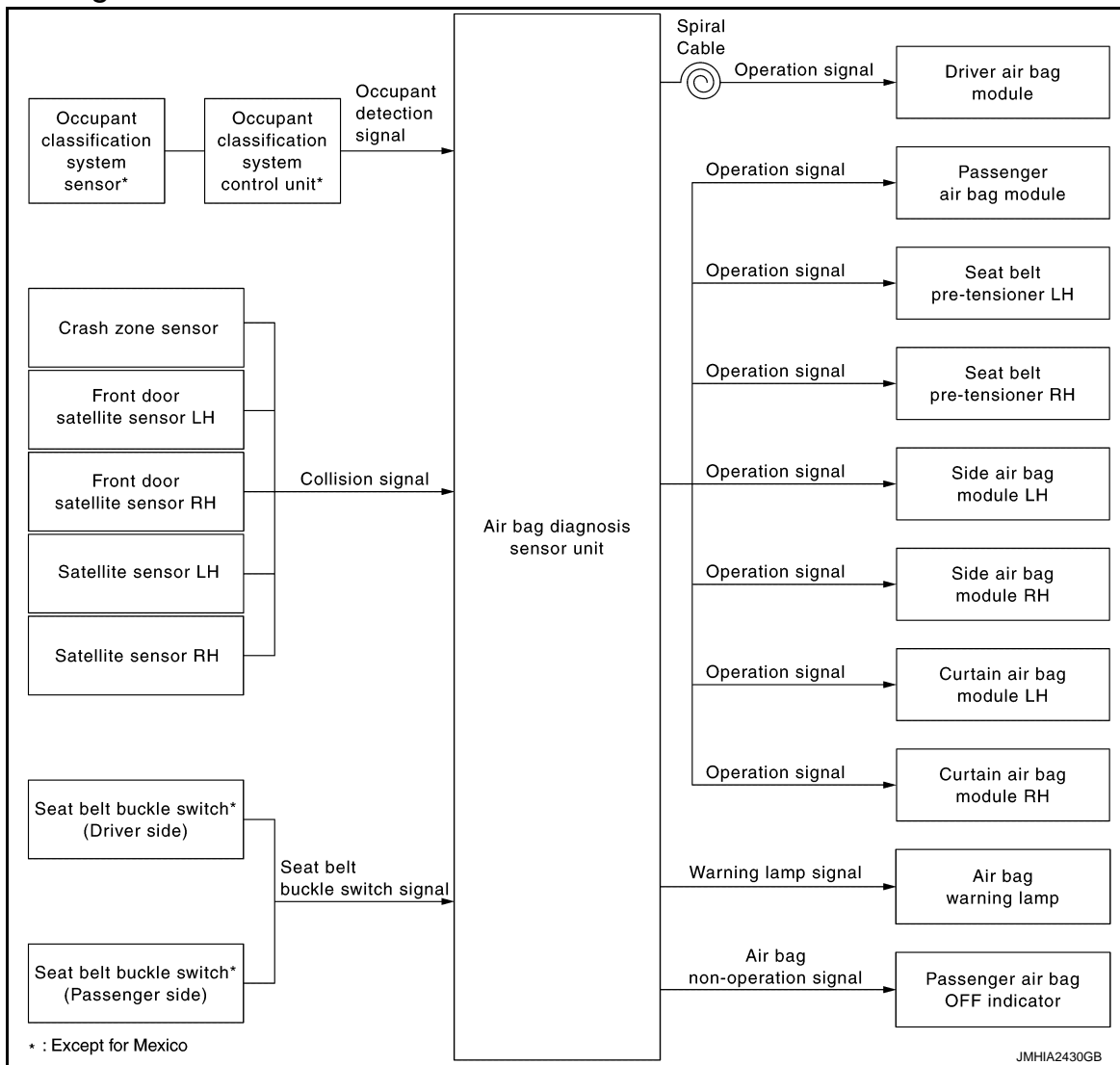
Is the malfunction repaired?

YES >> INSPECTION END
NO >> GO TO 2.

SYSTEM DESCRIPTION

SRS AIR BAG SYSTEM

System Diagram



System Description

INFOID:000000011739772

Supplemental Restraint System (SRS) activates air bag module and seat belt pre-tensioner when it detects a frontal collision or a side collision that is more than the specified limit. Together with other safety devices, it reduces the impact that occupant receives when vehicle collision occurs.

Air bag diagnosis sensor unit supplies power supply to air bag module and pre-tensioner seat belt when deceleration that is more than the specified limit is detected by G sensor in air bag diagnosis sensor unit, crash zone sensor, or satellite sensor, or when pressure that is more than the specified limit is detected by front door satellite sensor. Air bag module is composed of electric igniter (squib), filter, pyrotechnic material, and gas generating material. When air bag module receives a signal from air bag diagnosis sensor unit, air bag module ignites pyrotechnic material using electric igniter (squib) so that gas generating material generates high temperature nitrogen gas. The gas through filter activates air bag. At the same time, pre-tensioner seat belt receives power supply from air bag diagnosis sensor unit, gas generator is activated, and then gas is generated. Balls in pipe are moved according to generated gas pressure and strike pinion gear on ELR shaft. ELR shaft rotates and retracts seat belt.

When air bag diagnosis sensor unit detects a rollover of the vehicle, electric igniter (squib) receives power supply, pyrotechnic material is ignited, and then piston is projected.

AIR BAG DIAGNOSIS SENSOR UNIT FUNCTIONS

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SRS AIR BAG SYSTEM

[COUPE (FOR MEXICO)]

< SYSTEM DESCRIPTION >

Air bag diagnosis sensor unit has the following functions.

- Detects a collision and supplies the energy for deploying air bag and seat belt pre-tensioner.
- Detects and records electrical malfunction in air bag system and seat belt pre-tensioner system, and blinking air bag warning lamp.
- Detects and records the deployment of air bag and seat belt pre-tensioner, and turns ON air bag warning lamp.
- Indicates malfunctioning portion via the number of blinks from the air bag warning lamp in the diagnosis mode.
- Indicates the malfunction record via CONSULT.
- Suppresses the deployment of passenger air bag when passenger seat is empty or occupied by child or child-seat.
- When passenger seat is occupied by child or child seat, turns ON passenger air bag OFF indicator.
- When judges that passenger seat is occupied by an adult or a child and passenger seat belt is not fastened, turns ON seat belt warning lamp. Further information for the seat belt warning system, refer to [SBC-3, "System Description"](#).

COLLISION MODES

The operation of SRS is different depending on the collision modes applications. For example, the driver air bag module, passenger air bag module, and seat belt pre-tensioner are activated in a frontal collision but not in a side collision.

SRS configurations that are activated for the following collision modes.

×: Apply —: Not apply

Collision Mode	Driver air bag module	Passenger air bag module	Seat belt pre-tensioner LH	Seat belt pre-tensioner RH	Side air bag module LH	Side air bag module RH	Curtain air bag module LH	Curtain air bag module RH
Frontal collision	×	×	×	×	—	—	—	—
Left side collision	—	—	—	—	×	—	×	—
Right side collision	—	—	—	—	—	×	—	×

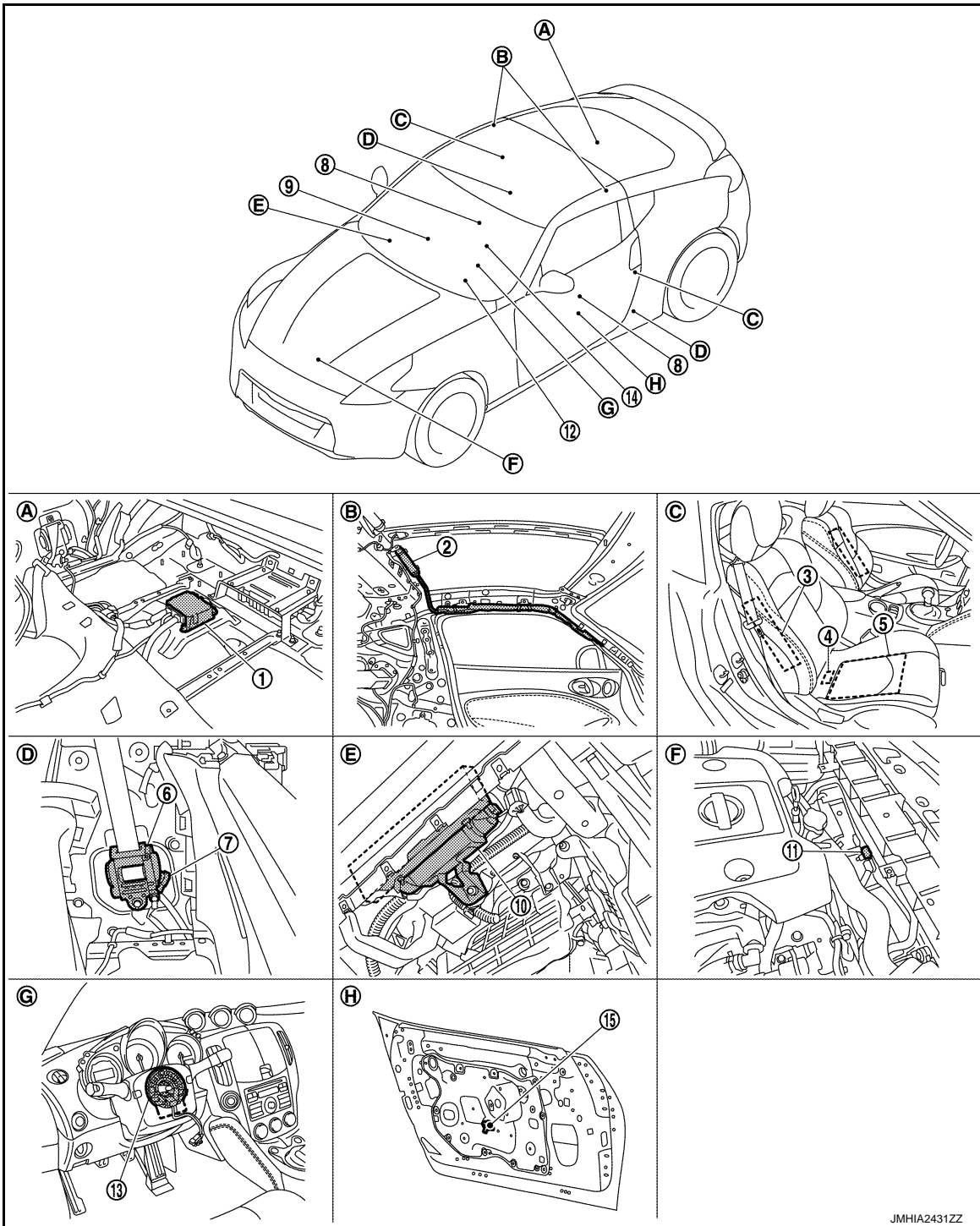
SRS AIR BAG SYSTEM

< SYSTEM DESCRIPTION >

[COUPE (FOR MEXICO)]

Component Parts Location

INFOID:000000011739773



- | | | |
|---------------------------------------|--|---------------------------------------|
| 1. Air bag diagnosis sensor unit | 2. Curtain air bag module LH/RH | 3. Side air bag module LH/RH |
| 4.* — | 5.* — | 6. Seat belt pre-tensioner LH/RH |
| 7. Satellite sensor LH/RH | 8.* — | 9.* — |
| 10. Passenger air bag module | 11. Crash zone sensor | 12. Combination meter |
| 13. Combination switch (spiral cable) | 14. Driver air bag module | 15. Front door satellite sensor LH/RH |
| A. Behind seatback center finisher | B. Behind headlining | C. Passenger seat |
| D. Behind rear side finisher | E. Behind glove box assembly | F. Radiator core support assembly |
| G. View with steering wheel removed | H. View with front door finisher removed | |

SRS AIR BAG SYSTEM

[COUPE (FOR MEXICO)]

< SYSTEM DESCRIPTION >

*: Not applicable

Component Description

INFOID:000000011739774

Component	Function
Air bag diagnosis sensor unit	Detects a collision and supplies power supply for deployment to air bag module and pre-tensioner seat belt.
Air bag module <ul style="list-style-type: none">• Driver• Passenger• Side• Curtain	Receives signal from air bag diagnosis sensor unit and deploys air bag.
Seat belt pre-tensioner	Receives signal from air bag diagnosis sensor unit and deploys seat belt pre-tensioner.
Crash zone sensor	Transmits signal to air bag diagnosis sensor unit when a frontal collision occurs.
Satellite sensor (LH/RH)	Transmits signal to air bag diagnosis sensor unit when a side collision occurs.
Combination meter (air bag warning lamp)	Indicates air bag malfunctioning and deployment by blinking and illuminating air bag warning lamp.
Combination switch (spiral cable)	Supplies power supply to driver air bag module on steering wheel.
Front door satellite sensor (LH/RH)	Transmits signal to air bag diagnosis sensor unit when a side collision occurs.

DIAGNOSIS SYSTEM (AIR BAG)

Diagnosis Description

INFOID:000000011739775

CAUTION:

- Never use electrical test equipment on any circuit related to the SRS unless instructed in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.
- Never repair, splice or modify the SRS wiring harness. If the harness is damaged, replace it with a new one.
- Keep ground portion clean.

DIAGNOSIS FUNCTION

- The SRS self-diagnosis results can be read with air bag warning lamp and/or CONSULT.
- The user mode is exclusively prepared for the customer (driver). This mode warns the driver of a system malfunction through the operation of the air bag warning lamp.
- The diagnosis mode allows the technician to locate and inspect the malfunctioning part.

Diagnosis with Air Bag Warning Lamp

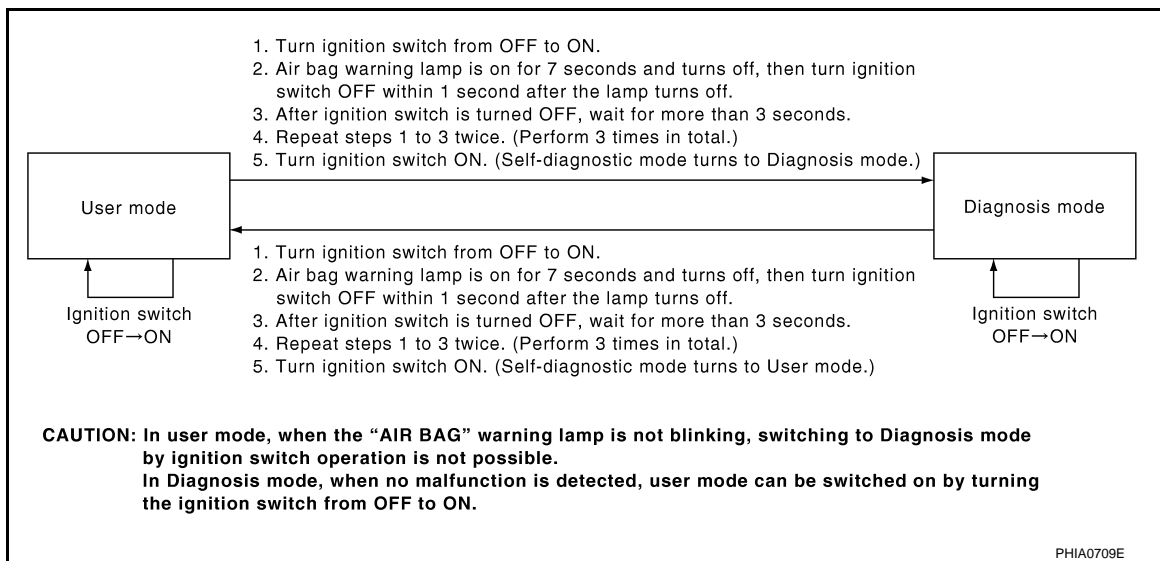
INFOID:000000011739776

SELF DIAGNOSIS FUNCTION

There are two self diagnosis functions with air bag warning lamp per the following items.

- USER MODE
- DIAGNOSIS MODE

HOW TO CHANGE SELF DIAGNOSIS MODE WITHOUT CONSULT



USER MODE

In USER MODE, air bag warning lamp on combination meter blinks when a malfunction is detected and warns the customer (driver).

How to Read Air Bag Warning Lamp

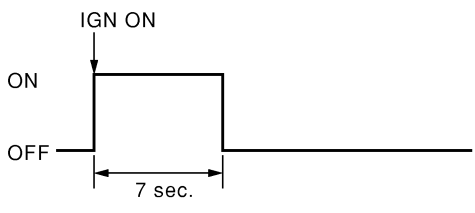
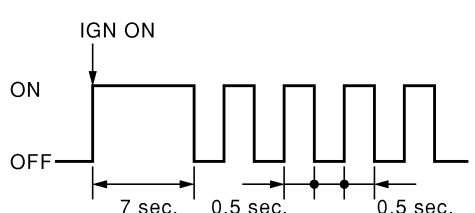
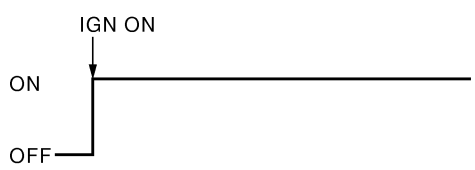
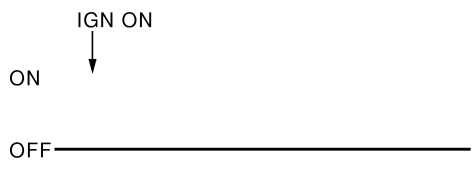
1. Turn the ignition switch from OFF to ON, and check that the air bag warning lamp blinks.
2. Compare the air bag warning lamp blinking pattern with the examples.

Air Bag Warning Lamp Examples

DIAGNOSIS SYSTEM (AIR BAG)

< SYSTEM DESCRIPTION >

[COUPE (FOR MEXICO)]

Air bag warning lamp operation (user mode)	SRS condition	Reference item
 <p style="text-align: right; font-size: small;">SHIA0011E</p>	<ul style="list-style-type: none"> No malfunction is detected No further action is necessary 	—
 <p style="text-align: right; font-size: small;">SHIA0012E</p>	The system is malfunctioning	Check "Self Diagnostic Result" with CONSULT Refer to SRC-110, "CONSULT Function"
	Battery voltage is low (less than 9 V)	Check "Cause of Warning Lamp" with CONSULT. Refer to SRC-110, "CONSULT Function"
	Intermittent malfunction is detected in the past	Go to GI-45, "Intermittent Incident"
 <p style="text-align: right; font-size: small;">SHIA0013E</p>	<ul style="list-style-type: none"> Air bag is deployed Seat belt pre-tensioner is deployed 	Go to SRC-223, "Diagnosis Procedure" or SRC-224, "Diagnosis Procedure"
	<ul style="list-style-type: none"> Air bag diagnosis sensor unit is malfunctioning Air bag power supply circuit is malfunctioning Air bag warning lamp circuit is malfunctioning 	Go to SRC-263, "Diagnosis Procedure"
 <p style="text-align: right; font-size: small;">SHIA0014E</p>	<ul style="list-style-type: none"> Air bag diagnosis sensor unit is malfunctioning Air bag warning lamp circuit is malfunctioning 	Go to SRC-264, "Diagnosis Procedure"

DIAGNOSIS MODE

The diagnosis mode can only be switched when a malfunction is detected in the user mode. Malfunctioning system is indicated according to blinking pattern of air bag warning lamp.

How to Read Air Bag Warning Lamp

1. Follow the procedures of "HOW TO CHANGE SELF-DIAGNOSIS MODE WITHOUT CONSULT", and switch to the diagnosis mode.
2. Turn ignition switch ON. Check the blinking pattern of air bag warning lamp.
There are 2 blinking patterns for the air bag warning lamp as per the following items.
 - Front air bag system: 3 second blink followed by a 0.5 second blink repeated.

DIAGNOSIS SYSTEM (AIR BAG)

[COUPE (FOR MEXICO)]

< SYSTEM DESCRIPTION >

- Side air bag system: Two 1.5 second blinks followed by a 0.5 second blink repeated.

Front air bag system

Number of 0.5 second blinks	Malfunctioning items
0	Self-diagnosis result is not deleted
1	Seat belt pre-tensioner RH
2	Driver air bag module
3	Seat belt pre-tensioner LH
6	Crash zone sensor
7	Air bag diagnosis sensor unit
8	Passenger air bag module

Side air bag system

Number of 0.5-second blinks	Malfunctioning items
1	Side air bag module RH
2	Side air bag module LH
3	Satellite sensor RH
4	Satellite sensor LH
5	Curtain air bag module RH
6	Curtain air bag module LH
9	Front door satellite sensor RH
10	Front door satellite sensor LH

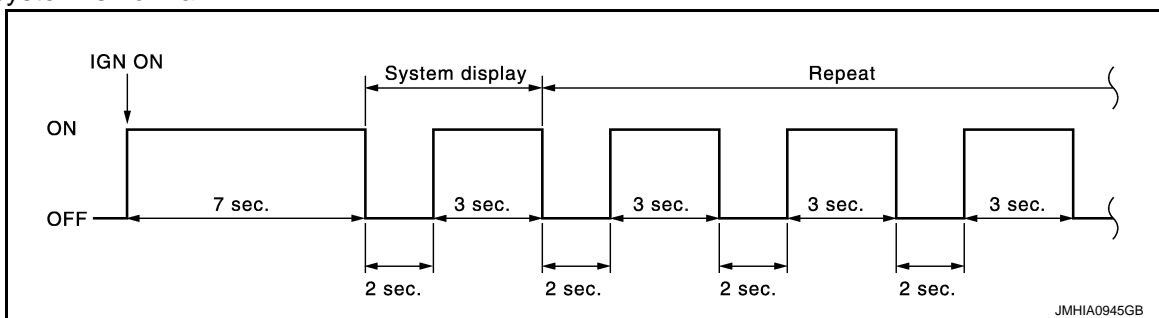
How to Erase Self Diagnosis Result

After a malfunction is repaired, turn the ignition switch OFF for one second or more, then turn ignition switch ON. The diagnosis mode returns to the user mode. At that time the self-diagnosis result is cleared.

EXAMPLE OF AIR BAG WARNING LAMP OPERATION IN THE DIAGNOSIS MODE

System Normal

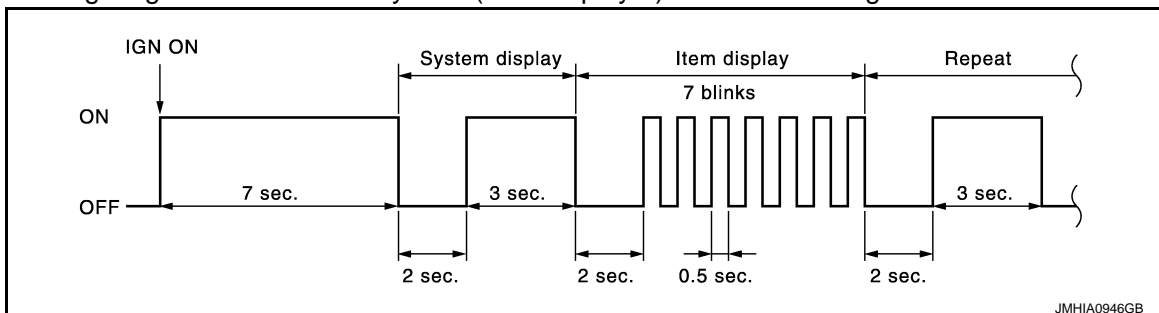
When system is normal.



Single System Malfunction

- Front air bag system

When air bag diagnosis sensor unit system (Item display 1) is malfunctioning.



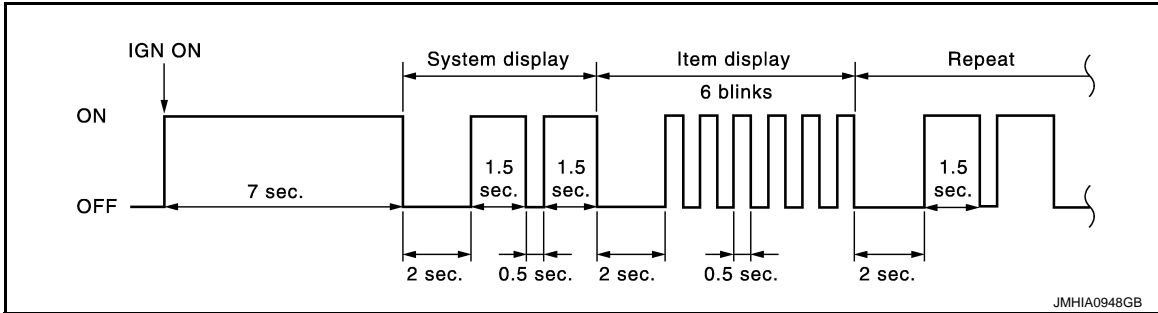
- Side air bag system

DIAGNOSIS SYSTEM (AIR BAG)

< SYSTEM DESCRIPTION >

[COUPE (FOR MEXICO)]

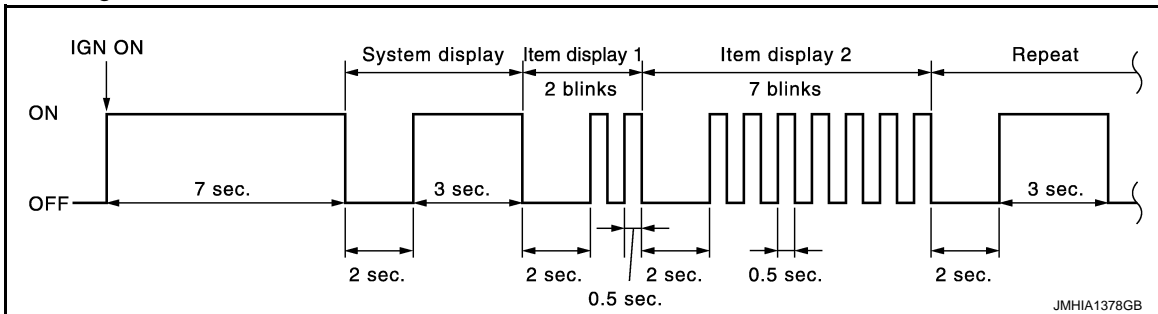
When curtain air bag module LH system (Item display 1) is malfunctioning.



Multiple Systems Malfunction

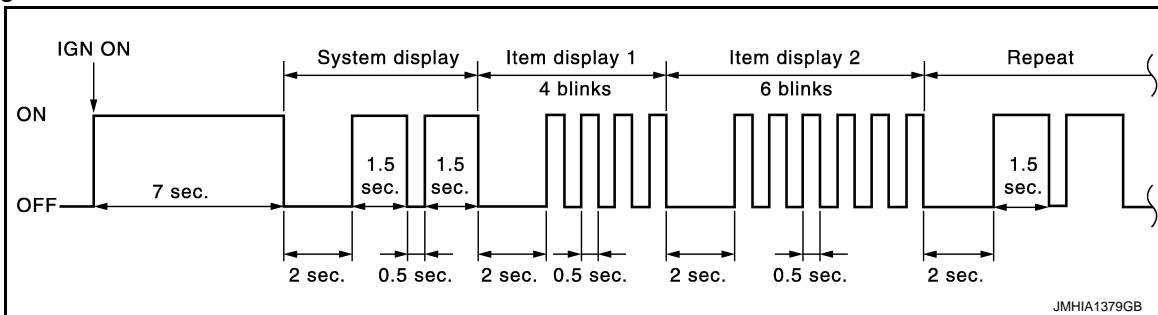
• Front air bag system

When driver air bag module (Item display 1) and air bag diagnosis sensor unit system (Item display 2) are malfunctioning.



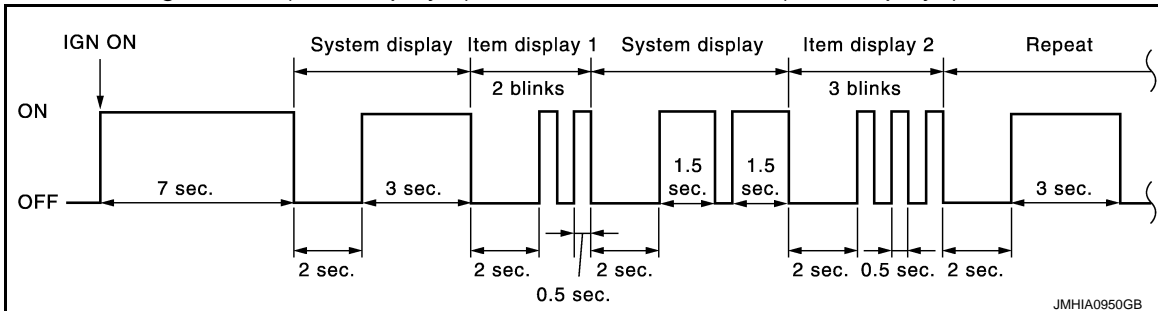
• Side air bag system

When satellite sensor LH (Item display1) and curtain air bag module LH system (Item display 2) are malfunctioning.



• Front air bag system and side air bag system

When driver air bag module (Item display 1) and satellite sensor RH (Item display2) are malfunctioning.



CONSULT Function

INFOID:000000011739777

APPLICATION ITEM

CONSULT performs the following functions.

DIAGNOSIS SYSTEM (AIR BAG)

< SYSTEM DESCRIPTION >

[COUPE (FOR MEXICO)]

Diagnosis mode	Description
ECU Identification	Air bag diagnosis sensor unit ECU discriminated number (identification number) or part number is displayed. Air bag diagnosis sensor unit has individual ECU discriminated number (identification number) or part number based on model and equipment.
Self Diagnostic Result	<ul style="list-style-type: none"> Self-diagnosis result is displayed. Refer to SRC-248, "DTC Index". "No DTC" is displayed when repair is completed by part replacement or other operations. "SELF-DIAG RESULT [MEMORY]" is displayed until "Erase" is performed. <p>CAUTION: When "No DTC" is displayed after repair, always perform "Erase". If this is not done SRS air bag warning lamp remains blinking when user mode is resumed.</p>
TROUBLE DIAG RECORD	With TROUBLE DIAG RECORD, diagnosis results previously erased by a reset operation can be displayed on CONSULT screen.
SELF-DIAG RESULT [CAN]	This item is displayed, but cannot be supported.
Cause of Warning Lamp	It displays the cause of warning lamp illumination that is not recorded in memory.

CAUSE OF WARNING LAMP

The SRS air bag warning lamp blinks when the ignition voltage is a voltage value (9 V or less) at which the SRS air bag cannot operate normally. After blinking, if the ignition voltage returns to normal, SRS air bag warning lamp turns OFF. DTC memory is not performed while the abnormal ignition voltage is detected. The mode cannot be switched to trouble diagnosis mode when the ignition switch is operated. "No DTC" is displayed when checking "Self-diagnosis result" using CONSULT.

NOTE:

- SRS air bag warning may blink when the condition is out of detection area* of the satellite sensor in door. The system is normal if SRS air bag warning lamp turns OFF after the condition returns within detection area of the satellite sensor in door.
- *: Pressure inside of door is excessively low and air bag system cannot be operated normally (example: altitude is approximately 4,000 m or more).

SRC

Display item	Display content	Actions by worker
IGN VOLT COND	The ignition voltage recognized by air bag system (air bag control unit and occupant detection system control unit) is displayed or a message stating that condition is out of detection range of satellite sensor in door is displayed. <ul style="list-style-type: none"> OK: Normal LOW: The ignition voltage is low, high, or out of detection range of satellite sensor in door 	Perform the check at an altitude of 4,000 m or less. <ul style="list-style-type: none"> Check battery voltage if the ignition voltage status is displayed as "LOW". Check battery voltage if the ignition voltage status is "OK" and the number of times detected is 1 or more. This is because an ignition voltage error may be detected in the past. <p>NOTE: If battery voltage is normal, the cause may be that out of detection range of satellite sensor in door is detected.</p>
LOW VOLT TIME	Total number of times is displayed, summing up the number of times ignition voltage error is detected and the number of times that out of detection range of satellite sensor in door is detected. (Detection record is erased and counter returns to "0" by "ERASE MEMORY" in "Self-diagnosis results" using CONSULT.)	
LOW V RECORDED	Number of times ignition switch ON is displayed after ignition voltage error or out of detection range of satellite sensor in door is detected. (Detection record is erased and counter returns to "0" by "ERASE MEMORY" in "Self-diagnosis results" using CONSULT.)	

B1001, B1002, B1003, B1004, B1005 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

DTC/CIRCUIT DIAGNOSIS

B1001, B1002, B1003, B1004, B1005 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011739778

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:000000011739779

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1001 B1002 B1003 B1004 B1005	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to [SRC-112, "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739780

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).

B1001, B1002, B1003, B1004, B1005 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

2. Perform DTC confirmation procedure. Refer to [SRC-112. "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1006, B1007, B1008, B1009, B1010 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1006, B1007, B1008, B1009, B1010 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011739781

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:000000011739782

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1006 B1007 B1008 B1009 B1010	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self-Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-114, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739783

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-114, "DTC Logic"](#)

Is DTC detected?

B1006, B1007, B1008, B1009, B1010 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

YES >> GO TO 1.
NO >> INSPECTION END

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B1011, B1012, B1013, B1014, B1015 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1011, B1012, B1013, B1014, B1015 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011739784

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:000000011739785

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1011 B1012 B1013 B1014 B1015	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-116, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739786

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-116, "DTC Logic"](#)

Is DTC detected?

B1011, B1012, B1013, B1014, B1015 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

YES >> GO TO 1.

NO >> INSPECTION END

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B1026, B1027, B1028, B1029, B1030, B1031 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1026, B1027, B1028, B1029, B1030, B1031 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011739787

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:000000011739788

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1026 B1027 B1028 B1029 B1030 B1031	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-118, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739789

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-118, "DTC Logic"](#).

B1026, B1027, B1028, B1029, B1030, B1031 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1033, B1034 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1033, B1034 CRASH ZONE SENSOR

Description

INFOID:000000011739790

Crash zone sensor is a G sensor that outputs voltage signal during deceleration at the time of a vehicle frontal collision that is more than the specified limit is detected.

DTC Logic

INFOID:000000011739791

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1033 B1034	CRASH ZONE SENSOR [UNIT FAIL]	Crash zone sensor is malfunctioning	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in crash zone sensor• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-120, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739792

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-120, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

4.REPLACE CRASH ZONE SENSOR

B1033, B1034 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

1. Replace crash zone sensor. Refer to [SR-25, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-120, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1035, B1036 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1035, B1036 CRASH ZONE SENSOR

Description

INFOID:000000011739793

Crash zone sensor is a G sensor that outputs voltage signal during deceleration at the time of a vehicle frontal collision that is more than the specified limit is detected.

DTC Logic

INFOID:000000011739794

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1035 B1036	CRASH ZONE SENSOR [COMM FAIL] [UNMATCH]	Crash zone sensor is malfunctioning or out of the specified specification	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in crash zone sensor• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-122. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739795

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-122. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1035, B1036 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4. REPLACE CRASH ZONE SENSOR

1. Replace crash zone sensor. Refer to [SR-25, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-122, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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SRC

B1037, B1038, B1039, B1040, B1041 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1037, B1038, B1039, B1040, B1041 CRASH ZONE SENSOR

Description

INFOID:000000011739796

Crash zone sensor is a G sensor that outputs voltage signal during deceleration at the time of a vehicle frontal collision that is more than the specified limit is detected.

DTC Logic

INFOID:000000011739797

DTC DETECTION LOGIC

DTC	CONSULT screen terms	DTC detecting condition	Possible cause
B1037 B1039 B1041	CRASH ZONE SENS1	Crash zone sensor is malfunctioning	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in crash zone sensor• Malfunction in air bag diagnosis sensor unit
B1038	CRASH ZONE SEN [OPEN/UPR-VB-SHORT]		
B1040	CRASH ZONE SEN [SHORT/UPR-GND-SHORT]		

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-124, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739798

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE CRASH ZONE SENSOR

1. Replace crash zone sensor. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-124, "DTC Logic"](#).

Is DTC detected?

B1037, B1038, B1039, B1040, B1041 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

YES >> GO TO 4.
NO >> INSPECTION END

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4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30. "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-124. "DTC Logic"](#).

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Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

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B1042, B1043, B1044, B1045, B1046, B1047 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1042, B1043, B1044, B1045, B1046, B1047 DIAGNOSIS SENSOR UNIT

Description

INFOID:0000000011739799

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000011739800

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1042 B1043 B1044 B1045 B1046 B1047	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-126, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000011739801

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-126, "DTC Logic"](#).

B1042, B1043, B1044, B1045, B1046, B1047 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1049, B1054 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1049, B1054 DRIVER AIR BAG MODULE

Description

INFOID:000000011739802

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011739803

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1049 B1054	DRIVER AIRBAG MODULE [OPEN]	Driver air bag module circuit is open (including the spiral cable)	<ul style="list-style-type: none">• Disconnection of wiring harness and open• Malfunction in driver air bag module• Malfunction in spiral cable• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-128. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739804

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. CHECK SPIRAL CABLE CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect driver air bag module connector and combination switch (spiral cable) connector.
3. Check continuity between combination switch (spiral cable) terminals.

B1049, B1054 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

Terminal	Terminal	Continuity
10	28	Existed
11	30	

4. Check continuity between combination switch (spiral cable) terminal and ground.

Combination switch (spiral cable)		Ground	Continuity
Connector	Terminal		
M302	10		Not existed
	11		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-16, "Exploded View"](#).

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#)

2. Perform DTC confirmation procedure. Refer to [SRC-128, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 5.

NO >> INSPECTION END

5.REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to [SR-13, "Exploded View"](#)

2. Perform DTC confirmation procedure. Refer to [SRC-128, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1050, B1055 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1050, B1055 DRIVER AIR BAG MODULE

Description

INFOID:000000011739805

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011739806

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1050 B1055	DRIVER AIRBAG MODULE [VB-SHORT]	Driver air bag module circuit is shorted to power supply circuit (including the spiral cable)	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in driver air bag module• Malfunction in spiral cable• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-130, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739807

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. CHECK SPIRAL CABLE CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect driver air bag module connector and combination switch (spiral cable) connector.
3. Check continuity between combination switch (spiral cable) terminals.

B1050, B1055 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

Terminal	Terminal	Continuity
10	28	Existed
11	30	

4. Check continuity between combination switch (spiral cable) terminal and ground.

Combination switch (spiral cable)		Ground	Continuity
Connector	Terminal		
M302	10		Not existed
	11		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-16, "Exploded View"](#).

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#)

2. Perform DTC confirmation procedure. Refer to [SRC-130, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 5.

NO >> INSPECTION END

5. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to [SR-13, "Exploded View"](#)

2. Perform DTC confirmation procedure. Refer to [SRC-130, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1051, B1056 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1051, B1056 DRIVER AIR BAG MODULE

Description

INFOID:000000011739808

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011739809

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1051 B1056	DRIVER AIRBAG MODULE [GND-SHORT]	Driver air bag module circuit is shorted to ground (including the spiral cable)	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in driver air bag module• Malfunction in spiral cable• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-132, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739810

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. CHECK SPIRAL CABLE CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect driver air bag module connector and combination switch (spiral cable) connector.
3. Check continuity between combination switch (spiral cable) terminals.

B1051, B1056 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

Terminal	Terminal	Continuity
10	28	Existed
11	30	

4. Check continuity between combination switch (spiral cable) terminal and ground.

Combination switch (spiral cable)		Ground	Continuity
Connector	Terminal		
M302	10		Not existed
	11		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-16, "Exploded View"](#).

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#)

2. Perform DTC confirmation procedure. Refer to [SRC-132, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 5.

NO >> INSPECTION END

5. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to [SR-13, "Exploded View"](#)

2. Perform DTC confirmation procedure. Refer to [SRC-132, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1052, B1057 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1052, B1057 DRIVER AIR BAG MODULE

Description

INFOID:0000000011739811

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000011739812

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1052 B1057	DRIVER AIRBAG MODULE [SHORT]	Driver air bag module circuit are shorted to each other (including the spiral cable)	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in driver air bag module• Malfunction in spiral cable• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-134. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000011739813

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. CHECK SPIRAL CABLE CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect driver air bag module connector and combination switch (spiral cable) connector.
3. Check continuity between combination switch (spiral cable) terminals.

B1052, B1057 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

Terminal	Terminal	Continuity
10	28	Existed
11	30	

4. Check continuity between combination switch (spiral cable) terminal and ground.

Combination switch (spiral cable)		Ground	Continuity
Connector	Terminal		
M302	10		Not existed
	11		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-16, "Exploded View"](#).

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#)

2. Perform DTC confirmation procedure. Refer to [SRC-134, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 5.

NO >> INSPECTION END

5. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to [SR-13, "Exploded View"](#)

2. Perform DTC confirmation procedure. Refer to [SRC-134, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1058, B1059, B1060, B1061, B1062, B1063 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1058, B1059, B1060, B1061, B1062, B1063 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011739814

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:000000011739815

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1058 B1059 B1060 B1061 B1062 B1063	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-136, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739816

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-136, "DTC Logic"](#).

B1058, B1059, B1060, B1061, B1062, B1063 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1065, B1070 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1065, B1070 PASSENGER AIR BAG MODULE

Description

INFOID:000000011739817

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011739818

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1065 B1070	ASSIST A/B MODULE [OPEN]	Passenger air bag module circuit is open	<ul style="list-style-type: none">• Disconnection of wiring harness and open• Malfunction in passenger air bag module• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-138, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739819

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-138, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1065, B1070 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4. REPLACE FRONT PASSENGER AIR BAG MODULE

1. Replace front passenger air bag module. Refer to [SR-19, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-138, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

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B1066, B1071 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1066, B1071 PASSENGER AIR BAG MODULE

Description

INFOID:000000011739820

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011739821

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1066 B1071	ASSIST A/B MODULE [VB-SHORT]	Passenger air bag module circuit is shorted to power supply circuit	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in passenger air bag module• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-140, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739822

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-140, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1066, B1071 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4. REPLACE FRONT PASSENGER AIR BAG MODULE

1. Replace front passenger air bag module. Refer to [SR-19, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-140, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

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B1067, B1072 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1067, B1072 PASSENGER AIR BAG MODULE

Description

INFOID:000000011739823

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011739824

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1067 B1072	ASSIST A/B MODULE [GND-SHORT]	Passenger air bag module circuit is shorted to ground	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in passenger air bag module• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-142, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739825

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-142, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1067, B1072 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4.REPLACE FRONT PASSENGER AIR BAG MODULE

1. Replace front passenger air bag module. Refer to [SR-19. "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-142. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B1068, B1073 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1068, B1073 PASSENGER AIR BAG MODULE

Description

INFOID:000000011739826

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011739827

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1068 B1073	ASSIST A/B MODULE [SHORT]	Passenger air bag module circuits are shorted to each other	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in passenger air bag module• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-144, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739828

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-144, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1068, B1073 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4. REPLACE FRONT PASSENGER AIR BAG MODULE

1. Replace front passenger air bag module. Refer to [SR-19, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-144, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B1074, B1075, B1076, B1077, B1078, B1079 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1074, B1075, B1076, B1077, B1078, B1079 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011739829

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:000000011739830

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1074 B1075 B1076 B1077 B1078 B1079	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Ⓟ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-146, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739831

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-146, "DTC Logic"](#).

B1074, B1075, B1076, B1077, B1078, B1079 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1080, B1096 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1080, B1096 DRIVER AIR BAG MODULE

Description

INFOID:000000011739832

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011739833

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1080 B1096	DRIVER AIRBAG MODULE [SHORT]	Driver air bag module circuit are shorted to each other (including the spiral cable)	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in driver air bag module• Malfunction in spiral cable• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-148, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739834

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. CHECK SPIRAL CABLE CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect driver air bag module connector and combination switch (spiral cable) connector.
3. Check continuity between combination switch (spiral cable) terminals.

B1080, B1096 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

Terminal	Terminal	Continuity
10	28	Existed
11	30	

4. Check continuity between combination switch (spiral cable) terminal and ground.

Combination switch (spiral cable)		Ground	Continuity
Connector	Terminal		
M302	10		Not existed
	11		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-16, "Exploded View"](#).

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#)

2. Perform DTC confirmation procedure. Refer to [SRC-148, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 5.

NO >> INSPECTION END

5. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to [SR-13, "Exploded View"](#)

2. Perform DTC confirmation procedure. Refer to [SRC-148, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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SRC

B1081 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1081 SEAT BELT PRE-TENSIONER RH

Description

INFOID:000000011739835

In the case of a frontal collision that is more than the specified impact level, the air bag diagnosis sensor unit detects the deceleration caused by collision. It restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

DTC Logic

INFOID:000000011739836

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1081	PRE-TEN FRONT RH [OPEN]	Seat belt pre-tensioner RH circuit is open	<ul style="list-style-type: none">• Disconnection of wiring harness and open• Malfunction in seat belt pre-tensioner RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-150, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739837

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-150, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1081 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SB-7, "SEAT BELT RETRACTOR : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-150, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B1082 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1082 SEAT BELT PRE-TENSIONER RH

Description

INFOID:000000011739838

In the case of a frontal collision that is more than the specified impact level, the air bag diagnosis sensor unit detects the deceleration caused by collision. It restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

DTC Logic

INFOID:000000011739839

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1082	PRE-TEN FRONT RH [VB-SHORT]	Seat belt pre-tensioner RH circuit is shorted to power supply circuit	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in seat belt pre-tensioner RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-152. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739840

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-152. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1082 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SB-7, "SEAT BELT RETRACTOR : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-152, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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SRC

B1083 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1083 SEAT BELT PRE-TENSIONER RH

Description

INFOID:000000011739841

In the case of a frontal collision that is more than the specified impact level, the air bag diagnosis sensor unit detects the deceleration caused by collision. It restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

DTC Logic

INFOID:000000011739842

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1083	PRE-TEN FRONT RH [GND-SHORT]	Seat belt pre-tensioner RH circuit is shorted to ground	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in seat belt pre-tensioner RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-154, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739843

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-154, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1083 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SB-7, "SEAT BELT RETRACTOR : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-154, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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SRC

B1084 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1084 SEAT BELT PRE-TENSIONER RH

Description

INFOID:000000011739844

In the case of a frontal collision that is more than the specified impact level, the air bag diagnosis sensor unit detects the deceleration caused by collision. It restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

DTC Logic

INFOID:000000011739845

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1084	PRE-TEN FRONT RH [SHORT]	Seat belt pre-tensioner RH circuits are shorted to each other	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in seat belt pre-tensioner RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-156, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739846

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-156, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1084 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SB-7, "SEAT BELT RETRACTOR : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-156, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B1086 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1086 SEAT BELT PRE-TENSIONER LH

Description

INFOID:000000011739847

In the case of a frontal collision that is more than the specified impact level, the air bag diagnosis sensor unit detects the deceleration caused by collision. It restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

DTC Logic

INFOID:000000011739848

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1086	PRE-TEN FRONT LH [OPEN]	Seat belt pre-tensioner LH circuit is open	<ul style="list-style-type: none">• Disconnection of wiring harness and open• Malfunction in seat belt pre-tensioner LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-158, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739849

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-158, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1086 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SB-7, "SEAT BELT RETRACTOR : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-158, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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SRC

B1087 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1087 SEAT BELT PRE-TENSIONER LH

Description

INFOID:000000011739850

In the case of a frontal collision that is more than the specified impact level, the air bag diagnosis sensor unit detects the deceleration caused by collision. It restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

DTC Logic

INFOID:000000011739851

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1087	PRE-TEN FRONT LH [VB-SHORT]	Seat belt pre-tensioner LH circuit is shorted to power supply circuit	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in seat belt pre-tensioner LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-160, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739852

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-160, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1087 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SB-7, "SEAT BELT RETRACTOR : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-160, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

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SRC

B1088 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1088 SEAT BELT PRE-TENSIONER LH

Description

INFOID:000000011739853

In the case of a frontal collision that is more than the specified impact level, the air bag diagnosis sensor unit detects the deceleration caused by collision. It restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

DTC Logic

INFOID:000000011739854

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1088	PRE-TEN FRONT LH [GND-SHORT]	Seat belt pre-tensioner LH circuit is shorted to ground	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in seat belt pre-tensioner LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-162. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739855

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-162. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1088 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SB-7, "SEAT BELT RETRACTOR : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-162, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B1089 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1089 SEAT BELT PRE-TENSIONER LH

Description

INFOID:000000011739856

In the case of a frontal collision that is more than the specified impact level, the air bag diagnosis sensor unit detects the deceleration caused by collision. It restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

DTC Logic

INFOID:000000011739857

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1089	PRE-TEN FRONT LH [SHORT]	Seat belt pre-tensioner LH circuits are shorted to each other	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in seat belt pre-tensioner LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-164, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739858

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-164, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1089 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SB-7, "SEAT BELT RETRACTOR : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-164, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B1090, B1091, B1092, B1093, B1094, B1095 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1090, B1091, B1092, B1093, B1094, B1095 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011739859

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:000000011739860

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1090 B1091 B1092 B1093 B0194 B1095	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-166, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739861

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-166, "DTC Logic"](#).

B1090, B1091, B1092, B1093, B1094, B1095 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1106, B1107, B1108, B1109, B1110, B1111 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1106, B1107, B1108, B1109, B1110, B1111 DIAGNOSIS SENSOR UNIT

Description

INFOID:0000000011739862

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000011739863

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1106 B1107 B1108 B1109 B1110 B1111	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-168, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000011739864

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-168, "DTC Logic"](#).

B1106, B1107, B1108, B1109, B1110, B1111 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1113, B1114 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1113, B1114 SATELLITE SENSOR RH

Description

INFOID:000000011739865

When air bag diagnosis sensor unit defines both signal voltage of the "G" sensor and the safing algorithm to be that of collision which is more than the specified level, the driving circuit switches on and feeds the electric ignitor of both the front side air bag and side curtain air bag.

DTC Logic

INFOID:000000011739866

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1113 B1114	SATELLITE SENS RH [UNIT FAIL]	Satellite sensor RH is malfunctioning	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in satellite sensor RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-170, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739867

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-170, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1113, B1114 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to [SR-27, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-170, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

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B1115, B1116 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1115, B1116 SATELLITE SENSOR RH

Description

INFOID:000000011739868

When air bag diagnosis sensor unit defines both signal voltage of the "G" sensor and the safing algorithm to be that of collision which is more than the specified level, the driving circuit switches on and feeds the electric ignitor of both the front side air bag and side curtain air bag.

DTC Logic

INFOID:000000011739869

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1115 B1116	SATELLITE SENS RH [COMM FAIL] [UNMATCH]	Satellite sensor RH is malfunctioning or out of the specified specification	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in satellite sensor RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-172, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739870

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-172, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1115, B1116 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to [SR-27, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-172, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

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B1118, B1119 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1118, B1119 SATELLITE SENSOR LH

Description

INFOID:000000011739871

When air bag diagnosis sensor unit defines both signal voltage of the "G" sensor and the safing algorithm to be that of collision which is more than the specified level, the driving circuit switches on and feeds the electric ignitor of both the front side air bag and side curtain air bag.

DTC Logic

INFOID:000000011739872

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1118 B1119	SATELLITE SENS LH [UNIT FAIL]	Satellite sensor LH is malfunctioning	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in satellite sensor LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-174, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739873

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-27, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-174, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1118, B1119 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to [SR-27, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-174, "DTC Logic"](#)

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

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SRC

B1120, B1121 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1120, B1121 SATELLITE SENSOR LH

Description

INFOID:000000011739874

When air bag diagnosis sensor unit defines both signal voltage of the "G" sensor and the safing algorithm to be that of collision which is more than the specified level, the driving circuit switches on and feeds the electric ignitor of both the front side air bag and side curtain air bag.

DTC Logic

INFOID:000000011739875

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1120 B1121	SATELLITE SENS LH [COMM FAIL] [UNMATCH]	Satellite sensor LH is malfunctioning or out of the specified specification	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in satellite sensor LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-176, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739876

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-176, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1120, B1121 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to [SR-27, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-176, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

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SRC

B1122, B1123, B1124, B1125, B1126, B1127 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1122, B1123, B1124, B1125, B1126, B1127 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011739877

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:000000011739878

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1122 B1123 B1124 B1125 B1126 B1127	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to [SRC-178, "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739879

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-178, "DTC Logic"](#).

B1122, B1123, B1124, B1125, B1126, B1127 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1129 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1129 SIDE AIR BAG MODULE RH

Description

INFOID:000000011739880

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011739881

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1129	SIDE MODULE RH [OPEN]	Side air bag module RH circuit is open	<ul style="list-style-type: none">• Disconnection of wiring harness and open• Malfunction in side air bag module RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#)

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-180, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739882

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-180, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1129 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SE-79, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-180, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

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B1130 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1130 SIDE AIR BAG MODULE RH

Description

INFOID:000000011739883

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011739884

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1130	SIDE MODULE RH [VB-SHORT]	Side air bag module RH circuit is shorted to power supply circuit	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in side air bag module RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-182, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739885

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-182, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1130 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SE-79. "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-182. "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

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B1131 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1131 SIDE AIR BAG MODULE RH

Description

INFOID:000000011739886

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011739887

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1131	SIDE MODULE RH [GND-SHORT]	Side air bag module RH circuit is shorted to ground	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in side air bag module RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-184, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739888

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-184, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1131 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SE-79, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-184, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

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B1132 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1132 SIDE AIR BAG MODULE RH

Description

INFOID:000000011739889

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011739890

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1132	SIDE MODULE RH [SHORT]	Side air bag module RH circuits are shorted to each other	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in side air bag module RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-186, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739891

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-186, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1132 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SE-79, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-186, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

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SRC

B1134 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1134 SIDE AIR BAG MODULE LH

Description

INFOID:000000011739892

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011739893

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1134	SIDE MODULE LH [OPEN]	Side air bag module LH circuit is open	<ul style="list-style-type: none">• Disconnection of wiring harness and open• Malfunction in side air bag module LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-188, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739894

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-188, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1134 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-79, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-188, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

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B1135 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1135 SIDE AIR BAG MODULE LH

Description

INFOID:000000011739895

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011739896

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1135	SIDE MODULE LH [VB-SHORT]	Side air bag module LH circuit is shorted to power supply circuit	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in side air bag module LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-190, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739897

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-190, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1135 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-79, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-190, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

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B1136 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1136 SIDE AIR BAG MODULE LH

Description

INFOID:000000011739898

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011739899

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1136	SIDE MODULE LH [GND-SHORT]	Side air bag module LH circuit is shorted to ground	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in side air bag module LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-192, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739900

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-192, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1136 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-79, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-192, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

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B1137 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1137 SIDE AIR BAG MODULE LH

Description

INFOID:000000011739901

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011739902

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1137	SIDE MODULE LH [SHORT]	Side air bag module LH circuits are shorted to each other	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in side air bag module LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-194, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739903

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-194, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1137 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-79, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-194, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

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B1138, B1139, B1140, B1141, B1142, B1143 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1138, B1139, B1140, B1141, B1142, B1143 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011739904

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011739905

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1138 B1139 B1140 B1141 B1142 B1143	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-196, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739906

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-196, "DTC Logic"](#).

Is DTC detected?

B1138, B1139, B1140, B1141, B1142, B1143 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

YES >> GO TO 1.

NO >> INSPECTION END

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B1144 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1144 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011739907

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011739908

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1144	Diagnosis sensor unit [MISS INSTALLATION]	Air bag diagnosis sensor unit is malfunctioning or out of the specification	<ul style="list-style-type: none">Malfunction in air bag diagnosis sensor unitConfiguration in air bag diagnosis sensor unit does not match the vehicles specification

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

- Turn ignition switch ON.
- Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-198, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739909

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

- Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
- Perform DTC confirmation procedure. Refer to [SRC-198, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

B1145 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1145 CURTAIN AIR BAG MODULE RH

Description

INFOID:000000011739910

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011739911

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1145	CURTAIN MODULE RH [OPEN]	Curtain air bag module RH circuit is open	<ul style="list-style-type: none"> • Disconnection of wiring harness and open • Malfunction in side curtain air bag module RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-199, "Diagnosis Procedure"](#).
 NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739912

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
 NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
 NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-199, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
 NO >> INSPECTION END

B1145 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module RH. Refer to [SE-79, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-199, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

B1146 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1146 CURTAIN AIR BAG MODULE RH

Description

INFOID:0000000011739913

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000011739914

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1146	CURTAIN MODULE RH [VB-SHORT]	Curtain air bag module RH circuit is shorted to power supply circuit	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in curtain air bag module RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-201, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000011739915

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-201, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1146 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module RH. Refer to [SE-79, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-201, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

B1147 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1147 CURTAIN AIR BAG MODULE RH

Description

INFOID:0000000011739916

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000011739917

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1147	CURTAIN MODULE RH [GND-SHORT]	Curtain air bag module RH circuit is shorted to ground	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in curtain air bag module RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-203, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000011739918

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-203, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1147 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module RH. Refer to [SE-79, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-203, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

B1148 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1148 CURTAIN AIR BAG MODULE RH

Description

INFOID:000000011739919

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011739920

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1148	CURTAIN MODULE RH [SHORT]	Curtain air bag module RH circuits are shorted to each other	<ul style="list-style-type: none">Disconnection of wiring harness and shortMalfunction in curtain air bag module RHMalfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

- Turn ignition switch ON.
- Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-205, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739921

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

- Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
- Perform DTC confirmation procedure. Refer to [SRC-205, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1148 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module RH. Refer to [SE-79, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-205, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

B1150 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1150 CURTAIN AIR BAG MODULE LH

Description

INFOID:0000000011739922

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000011739923

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1150	CURTAIN MODULE LH [OPEN]	Curtain air bag module LH circuit is open	<ul style="list-style-type: none"> • Disconnection of wiring harness and open • Malfunction in curtain air bag module LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-207, "Diagnosis Procedure"](#).
 NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000011739924

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
 NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
 NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-207, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
 NO >> INSPECTION END

B1150 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module LH. Refer to [SE-79, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-207, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

B1151 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1151 CURTAIN AIR BAG MODULE LH

Description

INFOID:000000011739925

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011739926

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1151	CURTAIN MODULE LH [VB-SHORT]	Curtain air bag module LH circuit is shorted to power supply circuit	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in curtain air bag module LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-209, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739927

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-209, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1151 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module LH. Refer to [SE-79, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-209, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

B1152 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1152 CURTAIN AIR BAG MODULE LH

Description

INFOID:0000000011739928

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000011739929

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1152	CURTAIN MODULE LH [GND-SHORT]	Curtain air bag module LH circuit is shorted to ground	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in curtain air bag module LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-211, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000011739930

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-211, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1152 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module LH. Refer to [SE-79, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-211, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

B1153 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1153 CURTAIN AIR BAG MODULE LH

Description

INFOID:0000000011739931

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000011739932

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1153	CURTAIN MODULE LH [SHORT]	Curtain air bag module LH circuits are shorted to each other	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in curtain air bag module LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-213, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000011739933

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-213, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1153 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module LH. Refer to [SE-79, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-213, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

B1154, B1155, B1156, B1157, B1158, B1159 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1154, B1155, B1156, B1157, B1158, B1159 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011739934

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:000000011739935

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1154 B1155 B1156 B1157 B1158 B1159	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to [SRC-215, "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739936

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-215, "DTC Logic"](#).

B1154, B1155, B1156, B1157, B1158, B1159 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1170, B1171, B1172, B1173, B1174, B1175 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1170, B1171, B1172, B1173, B1174, B1175 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011739937

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:000000011739938

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1170 B1171 B1172 B1173 B1174 B1175	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to [SRC-217, "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739939

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-217, "DTC Logic"](#).

B1170, B1171, B1172, B1173, B1174, B1175 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1186, B1187, B1188, B1189, B1190, B1191 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1186, B1187, B1188, B1189, B1190, B1191 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011739940

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:000000011739941

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1186 B1187 B1188 B1189 B1190 B1191	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to [SRC-219, "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739942

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-219, "DTC Logic"](#).

B1186, B1187, B1188, B1189, B1190, B1191 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1202, B1203, B1204, B1205, B1206, B1207 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1202, B1203, B1204, B1205, B1206, B1207 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011739943

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:000000011739944

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1202 B1203 B1204 B1205 B1206 B1207	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-221, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739945

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-221, "DTC Logic"](#).

B1202, B1203, B1204, B1205, B1206, B1207 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1209 FRONTAL COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1209 FRONTAL COLLISION DETECTION

Description

INFOID:000000011739946

The air bags and seat belt pre-tensioners for driver and passenger are activated by the air bag diagnosis sensor unit signal transmitted at the time of the frontal collision.

DTC Logic

INFOID:000000011739947

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1209	FRONTAL COLLISION DETECTION	Seat belt pre-tensioner, driver side air bag and passenger air bag are deployed	—

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-223, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739948

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. PERFORM COLLISION DIAGNOSIS

Perform collision diagnosis. Refer to [SR-7, "FOR FRONTAL COLLISION : When SRS is activated in a collision"](#) or [SR-8, "FOR FRONTAL COLLISION : When SRS is not activated in a collision"](#).

Is collision diagnosis complete?

- YES >> GO TO 2.
NO >> INSPECTION END

2. FINAL INSPECTION

Perform "AIR BAG" Self Diagnostic Result.

Is the inspection result normal?

- YES >> INSPECTION END
NO >> Perform diagnosis of applicable DTC. Refer to [SRC-248, "DTC Index"](#).

B1210 SIDE COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1210 SIDE COLLISION DETECTION

Description

INFOID:000000011739949

The side air bag and curtain air bag are activated by the air bag diagnosis sensor unit signal transmitted at the time of side collision.

DTC Logic

INFOID:000000011739950

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1210	SIDE COLLISION DETECTION	Side air bag and curtain air bag are deployed	—

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-224, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739951

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. PERFORM COLLISION DIAGNOSIS

Perform collision diagnosis. Refer to [SR-9, "FOR SIDE AND ROLLOVER COLLISION : When SRS is activated in a collision"](#) or [SR-10, "FOR SIDE AND ROLLOVER COLLISION : When SRS is not activated in a collision"](#).

Is collision diagnosis complete?

- YES >> GO TO 2.
NO >> INSPECTION END

2. FINAL INSPECTION

Perform "AIR BAG" Self Diagnostic Result.

Is the inspection result normal?

- YES >> INSPECTION END
NO >> Perform diagnosis of applicable DTC. Refer to [SRC-248, "DTC Index"](#).

B1211 ROLLOVER DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1211 ROLLOVER DETECTION

Description

INFOID:000000011739952

The seat belt pre-tensioner and curtain air bag are activated by the air bag diagnosis sensor unit signal at the time of rollover.

DTC Logic

INFOID:000000011739953

DTC DETECTION LOGIC

With CONSULT

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1211	ROLLOVER DETECTION	Seat belt pre-tensioner and curtain air bag module are deployed because of rollover detection	—

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-225, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739954

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. PERFORM COLLISION DIAGNOSIS

Perform collision diagnosis. Refer to [SR-9, "FOR SIDE AND ROLLOVER COLLISION : When SRS is activated in a collision"](#) or [SR-10, "FOR SIDE AND ROLLOVER COLLISION : When SRS is not activated in a collision"](#).

Is collision diagnosis complete?

- YES >> GO TO 2.
NO >> INSPECTION END

2. FINAL INSPECTION

Perform "AIR BAG" Self Diagnostic Result.

Is the inspection result normal?

- YES >> INSPECTION END
NO >> Perform diagnosis of applicable DTC. Refer to [SRC-248, "DTC Index"](#).

B1212, B1213, B1214 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1212, B1213, B1214 SATELLITE SENSOR RH

Description

INFOID:000000011739955

Satellite sensor is a G sensor that outputs voltage signal during deceleration at the time of a vehicle side collision that is more than the specified limit is detected.

DTC Logic

INFOID:000000011739956

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1212 B1213 B1214	RH1 SAT-SENS	Satellite sensor RH is malfunctioning	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in satellite sensor RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-226, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739957

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-226, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE SATELLITE SENSOR

B1212, B1213, B1214 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

1. Replace satellite sensor RH. Refer to [SR-27, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-226, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1215, B1216, B1217 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1215, B1216, B1217 SATELLITE SENSOR LH

Description

INFOID:000000011739958

Satellite sensor is a G sensor that outputs voltage signal during deceleration at the time of a vehicle side collision that is more than the specified limit is detected.

DTC Logic

INFOID:000000011739959

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1215 B1216 B1217	LH1 SAT-SENS	Satellite sensor LH is malfunctioning	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in satellite sensor LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-228, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739960

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-228, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE SATELLITE SENSOR

B1215, B1216, B1217 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

1. Replace satellite sensor LH. Refer to [SR-27, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-228, "DTC Logic"](#)

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1218, B1219, B1220, B1221, B1222, B1223 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1218, B1219, B1220, B1221, B1222, B1223 DIAGNOSIS SENSOR UNIT

Description

INFOID:0000000011739961

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000011739962

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1218 B1219 B1220 B1221 B1222 B1223	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-230, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000011739963

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-230, "DTC Logic"](#).

B1218, B1219, B1220, B1221, B1222, B1223 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1234, B1235, B1236, B1237, B1238, B1239 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1234, B1235, B1236, B1237, B1238, B1239 DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000011739964

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1234 B1235 B1236 B1237 B1238 B1239	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-232, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739965

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-232, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

B1250, B1251, B1252, B1253, B1254, B1255 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1250, B1251, B1252, B1253, B1254, B1255 DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000011739966

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1250 B1251 B1252 B1253 B1254 B1255	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-233, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739967

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-233, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

B1266, B1267, B1268, B1269 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1266, B1267, B1268, B1269 DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000011739968

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1266 B1267 B1268 B1269	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-234, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739969

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-234, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

B1282, B1283, B1284, B1285 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1282, B1283, B1284, B1285 DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000011739970

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1282 B1283 B1284 B1285	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-235, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739971

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-235, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

B1336, B1337 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1336, B1337 SATELLITE SENSOR RH

Description

INFOID:000000011739972

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:000000011739973

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1336 B1337	FR-RH DOOR SATEL SENS [SENSOR MALFUNCTION]	Front door satellite sensor RH is malfunctioning	<ul style="list-style-type: none">• Harness or connectors• Malfunction in front door satellite sensor RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to .

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-236, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739974

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE FRONT DOOR SATELLITE SENSOR

1. Replace front door satellite sensor RH. Refer to [SR-27, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-236, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

B1336, B1337 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-236, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

Description

INFOID:000000011739975

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:000000011739976

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1338 B1340 B1341 B1342	FR-RH DOOR SATEL SENS [COMM MALFUNC- TION]	Front door satellite sensor RH is malfunctioning	<ul style="list-style-type: none">• Harness or connectors• Malfunction in front door satellite sensor RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-238, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739977

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE FRONT DOOR SATELLITE SENSOR

1. Replace front door satellite sensor RH. Refer to [SR-27, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-238, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-238, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1339 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1339 SATELLITE SENSOR RH

Description

INFOID:000000011739978

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:000000011739979

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1339	FR-RH DOOR SATEL SENS [MIS-INSTALLATION]	Front door satellite sensor RH is out of the specified specification	Diagnosis sensor unit or front door satellite sensor RH is different from the part specified

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-240, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739980

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. REPLACE FRONT DOOR SATELLITE SENSOR

1. Replace front door satellite sensor RH. Refer to [SR-27, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-240, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 2.
NO >> INSPECTION END

2. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-240, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

B1343, B1344 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1343, B1344 SATELLITE SENSOR LH

Description

INFOID:000000011739981

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:000000011739982

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1343 B1344	FR-LH DOOR SATEL SENS [SENSOR MALFUNCTION]	Front door satellite sensor LH is malfunctioning	<ul style="list-style-type: none">• Harness or connectors• Malfunction in front door satellite sensor LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-241, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739983

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE FRONT DOOR SATELLITE SENSOR

1. Replace front door satellite sensor LH. Refer to [SR-27, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-241, "DTC Logic"](#)

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

B1343, B1344 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-241, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1345, B1347, B1348, B1349 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1345, B1347, B1348, B1349 SATELLITE SENSOR LH

Description

INFOID:000000011739984

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:000000011739985

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1345 B1347 B1348 B1349	FR-LH DOOR SATEL SENS [COMM MALFUNCTION]	Front door satellite sensor LH is malfunctioning	<ul style="list-style-type: none">• Harness or connectors• Malfunction in front door satellite sensor LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-243, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739986

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE FRONT DOOR SATELLITE SENSOR

1. Replace front door satellite sensor LH. Refer to [SR-27, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-243, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

B1345, B1347, B1348, B1349 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-243, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1346 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1346 SATELLITE SENSOR LH

Description

INFOID:000000011739987

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:000000011739988

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1346	FR-LH DOOR SATEL SENS [MIS-INSTALLATION]	Front door satellite sensor LH is out of the specified specification	Diagnosis sensor unit or front door satellite sensor LH is different from the part specified

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-245, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739989

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. REPLACE FRONT DOOR SATELLITE SENSOR

1. Replace front door satellite sensor LH. Refer to [SR-27, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-245, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 2.
NO >> INSPECTION END

2. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-245, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

B1350, B1351 SATELLITE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1350, B1351 SATELLITE SENSOR

Description

INFOID:0000000011739990

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:0000000011739991

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1350 B1351	FR DOOR SATEL SENS	Front door satellite sensor is malfunctioning or out of the specified specification	<ul style="list-style-type: none">Malfunction in front door satellite sensor LH/RHMalfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

- Turn ignition switch ON.
- Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-246, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000011739992

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. REPLACE BOTH OF FRONT DOOR SATELLITE SENSORS

- Replace both of front door satellite sensors. Refer to [SR-27, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-246, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 2.
NO >> INSPECTION END

2. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

- Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-246, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

B1378, B1379, B1380, B1381 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE (FOR MEXICO)]

B1378, B1379, B1380, B1381 DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000011739993

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1378 B1379 B1380 B1381	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-107, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-247, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011739994

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-30, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-247, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE (FOR MEXICO)]

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DIAGNOSIS SENSOR UNIT

DTC Index

INFOID:000000011739995

DTC	Diagnostic item	Explanation		Reference page
—	NO DTC IS DETECTED.	When malfunction is indicated by the "AIR BAG" warning lamp in the user mode	<ul style="list-style-type: none"> Self-diagnosis result "SELF-DIAG [PAST]" (previously stored in the memory) might not be erased after repair Intermittent malfunction is detected in the past 	SRC-107, "Diagnosis with Air Bag Warning Lamp" , SRC-110, "CONSULT Function" .
		No malfunction is detected		—
B1001-B1015	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning		<ul style="list-style-type: none"> SRC-112, "DTC Logic". SRC-114, "DTC Logic". SRC-116, "DTC Logic".
B1026-B1031	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning or out of the specified specification		SRC-118, "DTC Logic" .
B1033 B1034	CRASH ZONE SEN [UNIT FAIL]	Crash zone sensor is malfunctioning		SRC-120, "DTC Logic" .
B1035	CRASH ZONE SEN [COMM FAIL]	Crash zone sensor is malfunctioning or out of the specified specification		SRC-122, "DTC Logic" .
B1036	CRASH ZONE SEN [UNMATCH]			
B1037 B1039 B1041	CRASH ZONE SEN1	Crash zone sensor is malfunctioning		SRC-124, "DTC Logic" .
B1038	CRASH ZONE SEN [OPEN/UPR-VB-SHORT]	Crash zone sensor is malfunctioning		SRC-124, "DTC Logic" .
B1040	CRASH ZONE SEN [SHORT/UPR-GND-SHORT]	Crash zone sensor is malfunctioning		SRC-124, "DTC Logic" .
B1042-B1047	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning		SRC-126, "DTC Logic" .
B1049 B1054	DRIVER AIRBAG MODULE [OPEN]	Driver air bag module circuit is open (including the spiral cable)		SRC-128, "DTC Logic" .
B1050 B1055	DRIVER AIRBAG MODULE [VB-SHORT]	Driver air bag module circuit is shorted to power supply circuit (including the spiral cable)		SRC-130, "DTC Logic" .
B1051 B1056	DRIVER AIRBAG MODULE [GND-SHORT]	Driver air bag module circuit is shorted to ground (including the spiral cable)		SRC-132, "DTC Logic" .
B1052 B1057	DRIVER AIRBAG MODULE [SHORT]	Driver air bag module circuits are shorted to each other (including spiral cable)		SRC-134, "DTC Logic" .
B1058-B1063	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning		SRC-136, "DTC Logic" .
B1065 B1070	ASSIST A/B MODULE [OPEN]	Passenger air bag module circuit is open		SRC-138, "DTC Logic" .
B1066 B1071	ASSIST A/B MODULE [VB-SHORT]	Passenger air bag module circuit is shorted to power supply circuit		SRC-140, "DTC Logic" .
B1067 B1072	ASSIST A/B MODULE [GND-SHORT]	Passenger air bag module circuit is shorted to ground		SRC-142, "DTC Logic" .
B1068 B1073	ASSIST A/B MODULE [SHORT]	Passenger air bag module circuits are shorted to each other		SRC-144, "DTC Logic" .

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE (FOR MEXICO)]

DTC	Diagnostic item	Explanation	Reference page
B1074-B1079	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-146, "DTC Logic" .
B1080 B1096	DRIVER AIRBAG MODULE [SHORT]	Driver air bag module circuits are shorted to each other (including spiral cable)	SRC-148, "DTC Logic" .
B1081	PRE-TEN FRONT RH [OPEN]	Seat belt pre-tensioner RH circuit is open	SRC-150, "DTC Logic" .
B1082	PRE-TEN FRONT RH [VB-SHORT]	Seat belt pre-tensioner RH circuit is shorted to power supply circuit	SRC-152, "DTC Logic" .
B1083	PRE-TEN FRONT RH [GND-SHORT]	Seat belt pre-tensioner RH circuit is shorted to ground	SRC-154, "DTC Logic" .
B1084	PRE-TEN FRONT RH [SHORT]	Seat belt pre-tensioner RH circuits are shorted to each other	SRC-156, "DTC Logic" .
B1086	PRE-TEN FRONT LH [OPEN]	Seat belt pre-tensioner LH circuit is open	SRC-158, "DTC Logic" .
B1087	PRE-TEN FRONT LH [VB-SHORT]	Seat belt pre-tensioner LH circuit is shorted to power supply circuit	SRC-160, "DTC Logic" .
B1088	PRE-TEN FRONT LH [GND-SHORT]	Seat belt pre-tensioner LH circuit is shorted to ground	SRC-162, "DTC Logic" .
B1089	PRE-TEN FRONT LH [SHORT]	Seat belt pre-tensioner LH circuits are shorted to each other	SRC-164, "DTC Logic" .
B1090-B1095	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-166, "DTC Logic" .
B1106-B1111	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-168, "DTC Logic" .
B1113 B1114	SATELLITE SENS RH [UNIT FAIL]	Satellite sensor RH is malfunctioning	SRC-170, "DTC Logic" .
B1115	SATELLITE SENS RH [COMM FAIL]	Satellite sensor RH is malfunctioning or mis-installed	SRC-172, "DTC Logic" .
B1116	SATELLITE SENS RH [UNMATCH]		
B1118 B1119	SATELLITE SENS LH [UNIT FAIL]	Satellite sensor LH is malfunctioning	SRC-174, "DTC Logic" .
B1120	SATELLITE SENS LH [COMM FAIL]	Satellite sensor LH is malfunctioning or mis-installed	SRC-176, "DTC Logic" .
B1121	SATELLITE SENS LH [UNMATCH]		
B1122-B1127	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-178, "DTC Logic" .
B1129	SIDE MODULE RH [OPEN]	Side air bag module RH circuit is open	SRC-180, "DTC Logic" .
B1130	SIDE MODULE RH [VB-SHORT]	Side air bag module RH circuit is shorted to power supply circuit	SRC-182, "DTC Logic" .
B1131	SIDE MODULE RH [GND-SHORT]	Side air bag module RH circuit is shorted to ground	SRC-184, "DTC Logic" .
B1132	SIDE MODULE RH [SHORT]	Side air bag module RH circuits are shorted to each other	SRC-186, "DTC Logic" .
B1134	SIDE MODULE LH [OPEN]	Side air bag module LH circuit is open	SRC-188, "DTC Logic" .
B1135	SIDE MODULE LH [VB-SHORT]	Side air bag module LH circuit is shorted to power supply circuit	SRC-190, "DTC Logic" .
B1136	SIDE MODULE LH [GND-SHORT]	Side air bag module LH circuit is shorted to ground	SRC-192, "DTC Logic" .

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE (FOR MEXICO)]

DTC	Diagnostic item	Explanation	Reference page
B1137	SIDE MODULE LH [SHORT]	Side air bag module LH circuits are shorted to each other	SRC-194, "DTC Logic" .
B1138-B1143	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-196, "DTC Logic"
B1144	CONTROL UNIT [MISS INSTALLATION]	Air bag diagnosis sensor unit is malfunctioning or out of the specified specification	SRC-198, "DTC Logic" .
B1145	CURTAIN MODULE RH [OPEN]	Curtain air bag module RH circuit is open	SRC-199, "DTC Logic" .
B1146	CURTAIN MODULE RH [VB-SHORT]	Curtain air bag module RH circuit is shorted to power supply circuit	SRC-201, "DTC Logic" .
B1147	CURTAIN MODULE RH [GND-SHORT]	Curtain air bag module RH circuit is shorted to ground	SRC-203, "DTC Logic" .
B1148	CURTAIN MODULE RH [SHORT]	Curtain air bag module RH circuits are shorted to each other	SRC-205, "DTC Logic" .
B1150	CURTAIN MODULE LH [OPEN]	Curtain air bag module LH circuit is open	SRC-207, "DTC Logic" .
B1151	CURTAIN MODULE LH [VB-SHORT]	Curtain air bag module LH circuit is shorted to power supply circuits	SRC-209, "DTC Logic" .
B1152	CURTAIN MODULE LH [GND-SHORT]	Curtain air bag module LH circuit is shorted to ground	SRC-211, "DTC Logic" .
B1153	CURTAIN MODULE LH [SHORT]	Curtain air bag module LH circuits are shorted to each other	SRC-213, "DTC Logic" .
B1154-B1159	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-215, "DTC Logic" .
B1170-B1175	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-217, "DTC Logic" .
B1186-B1191	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-219, "DTC Logic" .
B1202-B1207	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-221, "DTC Logic" .
B1209	FRONTAL COLLISION DETECTION	Seat belt pre-tensioner, driver side air bag and passenger air bag are deployed	SRC-223, "DTC Logic" .
B1210	SIDE COLLISION DETECTION	Side air bag and curtain air bag are deployed	SRC-224, "DTC Logic" .
B1211	ROLLOVER DETECTION	Seat belt pre-tensioner side curtain air bag module are deployed because of rollover detection	SRC-225, "DTC Logic" .
B1212-B1214	RH1 SAT-SENS	Satellite sensor RH is malfunctioning	SRC-226, "DTC Logic" .
B1215-B1217	LH1 SAT-SENS	Satellite sensor LH is malfunctioning	SRC-228, "DTC Logic" .
B1218-B1223	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-230, "DTC Logic" .
B1234-B1239	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-232, "DTC Logic" .
B1250-B1255	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-233, "DTC Logic" .
B1266-B1269	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-233, "DTC Logic" .
B1282-B1285	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-233, "DTC Logic" .
B1336 B1337	FR-RH DOOR SATEL SENS [SENSOR MALFUNCTION]	Front door satellite sensor RH is malfunctioning	SRC-236, "DTC Logic"

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE (FOR MEXICO)]

DTC	Diagnostic item	Explanation	Reference page
B1338 B1340 B1341 B1342	FR-RH DOOR SATEL SENS [COMM MALFUNCTION]	Front door satellite sensor RH is malfunctioning	SRC-238, "DTC Logic"
B1339	FR-RH DOOR SATEL SENS [MIS-INSTALLATION]	Front door satellite sensor RH is out of the specified specification	SRC-240, "DTC Logic"
B1343 B1344	FR-LH DOOR SATEL SENS [SENSOR MALFUNCTION]	Front door satellite sensor LH is malfunctioning	SRC-241, "DTC Logic"
B1345 B1347 B1348 B1349	FR-LH DOOR SATEL SENS [COMM MALFUNCTION]	Front door satellite sensor LH is malfunctioning	SRC-243, "DTC Logic"
B1346	FR-LH DOOR SATEL SENS [MIS-INSTALLATION]	Front door satellite sensor LH is out of the specified specification	SRC-245, "DTC Logic"
B1350 B1351	FR DOOR SATEL SENS	Front door satellite sensor is malfunctioning	SRC-246, "DTC Logic"
B1378-B1381	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-247, "DTC Logic"

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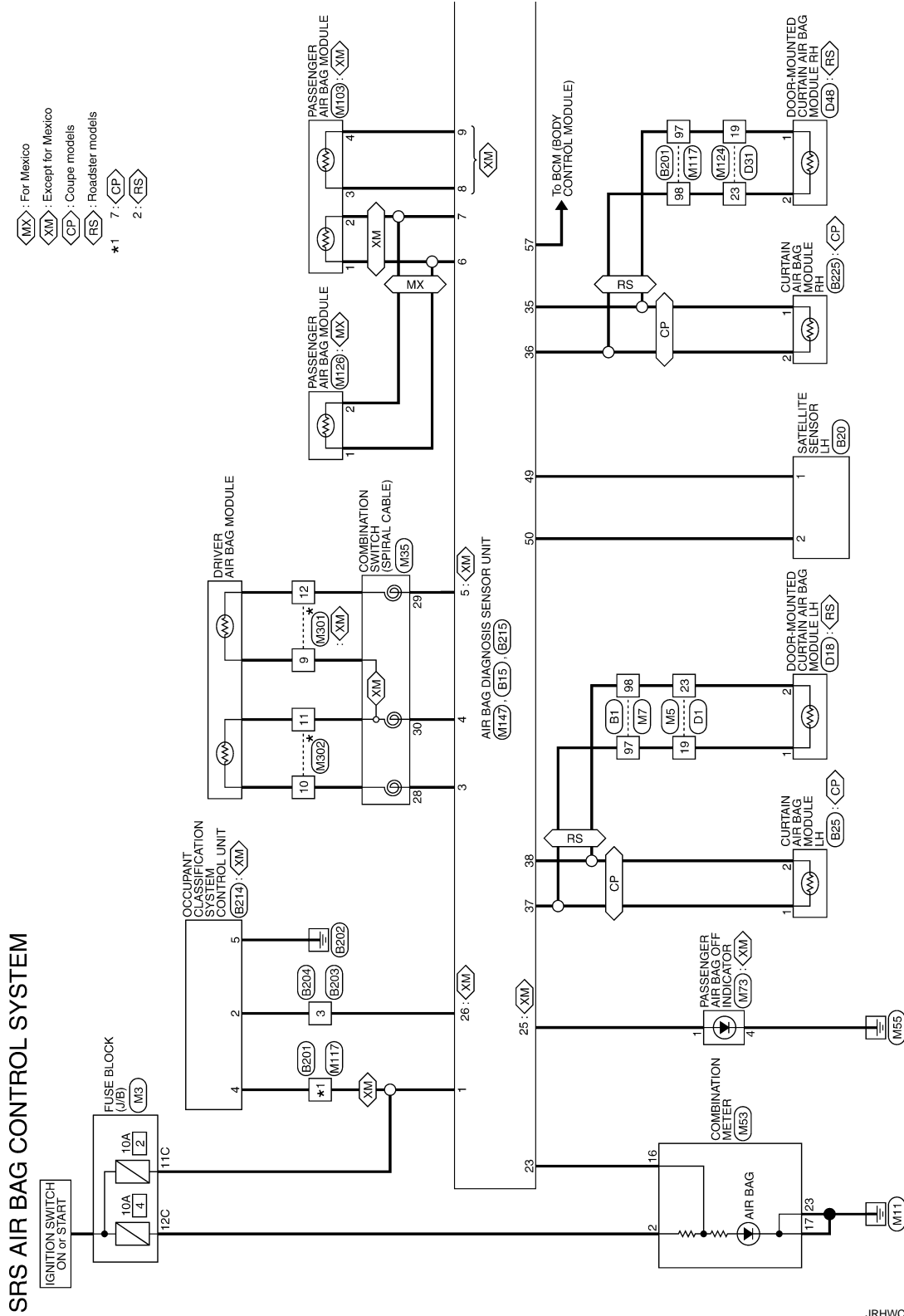
DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE (FOR MEXICO)]

Wiring Diagram - SRS AIR BAG CONTROL SYSTEM -

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*: This connector is not shown in "Harness Layout".

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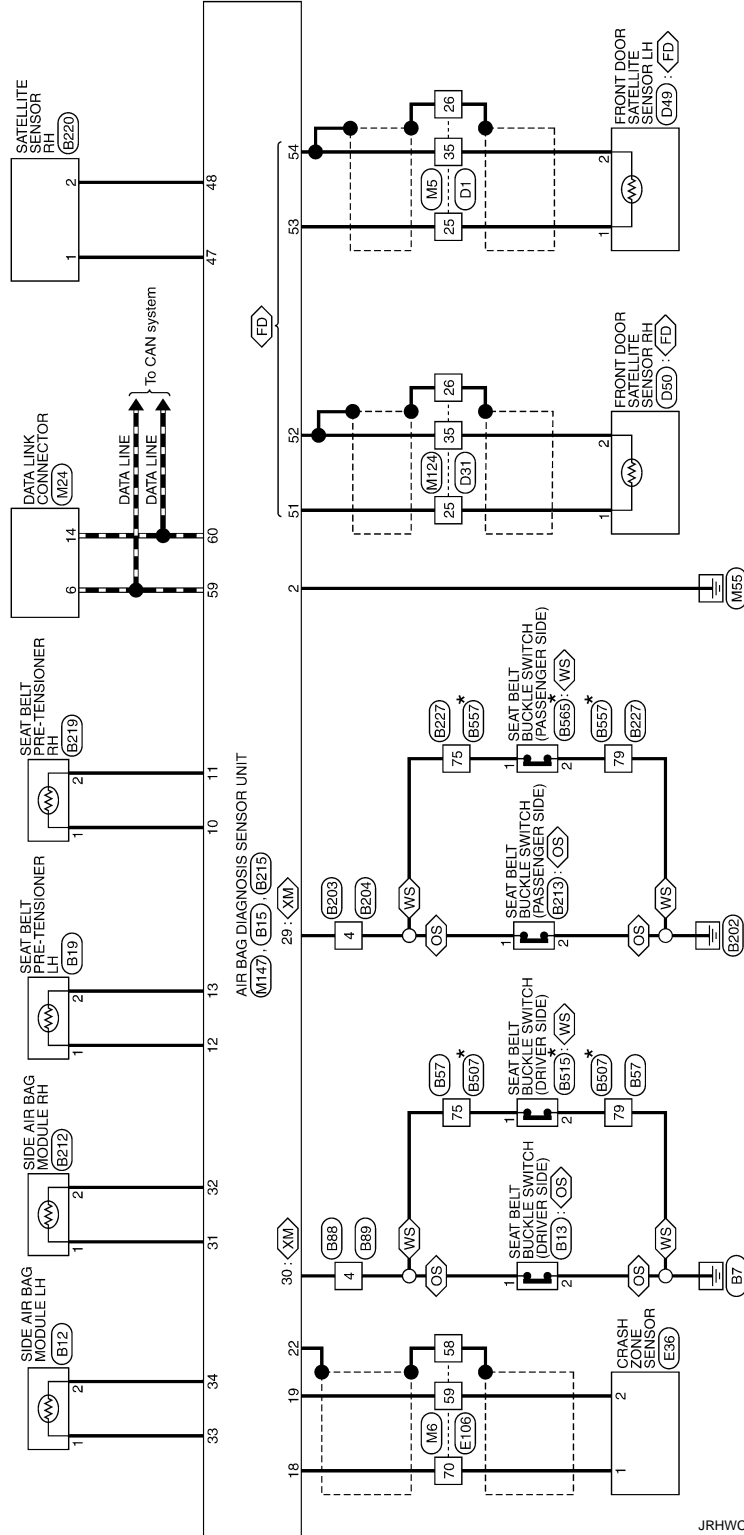
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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE (FOR MEXICO)]

- <WS> : With climate controlled seat
- <OS> : Without climate controlled seat
- <FD> : With front door satellite sensor



*: This connector is not shown in "Harness Layout".

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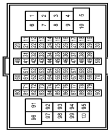
DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE (FOR MEXICO)]

SRS AIR BAG CONTROL SYSTEM

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-C316-TM4



Terminal No.	Color Of Wire	Signal Name (Specification)
1	G	-
2	BG	-
3	V	-
4	W	-
6	V	-
7	LG	-
8	SG	-
11	V	-
12	W	-
13	BR	-
14	LG	-
15	B	-
16	V	-
17	R	-
18	B	-
20	SB	-
21	G	-
22	GR	-
23	V	-
24	BG	-
25	L	-
26	P	-
27	W	-
28	SHIELD	-
31	W	-
32	B	-
33	P	- [Coupe models]
33	W	- [Roadster models]
34	R	-
35	B	- [Roadster models]
35	W	- [Coupe models]
36	B	-
37	SB	-
38	SB	-

39	SB	-
40	Y	-
41	L	-
42	GR	- [Coupe models]
43	BR	- [Roadster models]
44	R	-
45	BG	-
46	SB	- [Roadster models]
46	SHIELD	- [Coupe models]
47	V	-
48	SHIELD	- [Roadster models]
48	V	- [Coupe models]
49	V	-
51	W	-
52	L	- [Coupe models]
52	R	- [Roadster models]
53	P	-
54	G	-
55	R	-
56	SHIELD	-
58	V	-
61	SB	-
62	SHIELD	-
63	BR	-
64	Y	-
65	SHIELD	-
66	P	-
67	L	-
68	SHIELD	-
69	R	-
70	G	-
71	V	-
72	P	-
73	BR	-
74	GR	-
75	BG	-
80	Y	-
81	R	-
82	B	-
83	GR	-
84	G	- [Coupe models]
84	L	- [Roadster models]
85	LG	-
86	V	-
87	BR	-
88	GR	-
89	P	-
94	G	-

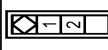
95	LG	-
96	L	-
97	Y	-
98	W	- [Coupe models]
98	Y/B	- [Roadster models]
99	LG	-
100	B	-

Connector No.	B12
Connector Name	SIDE AIR BAG MODULE LH
Connector Type	TR02FY-EX-1V



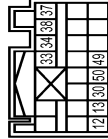
Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y	-
2	Y	-

Connector No.	B13
Connector Name	SEAT BELT BUCKLE SWITCH (DRIVER SIDE)
Connector Type	AD3FW



Terminal No.	Color Of Wire	Signal Name (Specification)
1	G	- [Coupe models]
1	L	- [Roadster models]
2	B	-

Connector No.	B15
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH22FY-2V-EX



Terminal No.	Color Of Wire	Signal Name (Specification)
12	Y	PHI(+)
13	Y	PHI(-)
30	SB	LH-BUCKLE SW INPUT
33	Y	SH(+)
34	Y	SH(-)
37	Y	SH(+)
37	Y/B	SH(-)
48	P	SATELLITE IM (L) [Roadster models]
49	P	SATELLITE IM (L) [Coupe models]
50	L	SATELLITE IM (L) [Roadster models]
50	W	SATELLITE IM (L) [Roadster models]

Connector No.	B19
Connector Name	SEAT BELT PRE-TENSIONER LH
Connector Type	ACE02FY



Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y	-
2	Y	-

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE (FOR MEXICO)]

SRS AIR BAG CONTROL SYSTEM

Connector No.	B30
Connector Name	SATELLITE SENSOR LH
Connector Type	HK02FY1VEX1C



Terminal No.	Color Of Wire	Signal Name (Specification)
1	B	- [Coupe models]
1	P	- [Coupe models]
2	L	- [Coupe models]
2	W	- [Coupe models]

Connector No.	B25
Connector Name	CURTAIN AIR BAG MODULE LH
Connector Type	ACB02FY



Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y	-
2	Y/B	-

Connector No.	B57
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



Terminal No.	Color Of Wire	Signal Name (Specification)
75	L	-
76	B	-
78	LG	-
79	B	-
80	B	-
81	P	-
82	V	-
83	RG	-
85	GR	-
100	BR	-

Connector No.	B88
Connector Name	WIRE TO WIRE
Connector Type	TH04FW-NH



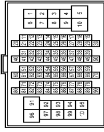
Terminal No.	Color Of Wire	Signal Name (Specification)
4	SB	-

Connector No.	B80
Connector Name	WIRE TO WIRE
Connector Type	TH04MW-NH



Terminal No.	Color Of Wire	Signal Name (Specification)
4	SB	-

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH06FW-CS16-TM4



Terminal No.	Color Of Wire	Signal Name (Specification)
2	R	-
3	B	-
4	G	-
6	SHIELD	-
7	R	- [Coupe models]
7	Y	- [Coupe models]
8	BR	- [Coupe models]
8	LG	- [Coupe models]
9	Y	-
11	R	-
12	G	-
22	R	-
30	B	-
40	W	-
41	V	-
42	G	-
43	L	-
44	SB	-
51	P	-

52	L	-
53	SHIELD	-
54	BR	-
55	Y	-
56	SHIELD	-
57	G	- [Coupe models]
57	P	- [Coupe models]
58	L	- [Coupe models]
58	R	- [Coupe models]
59	B	-
60	W	-
61	GR	-
62	B	-
63	Y	-
64	V	-
65	SB	-
66	BG	-
67	V	-
68	P	-
69	L	-
70	G	-
71	B	- [Coupe models]
72	GR	- [Coupe models]
72	V	- [Coupe models]
72	P	- [Coupe models]
73	L	- [Coupe models]
73	P	- [Coupe models]
74	P	-
75	B	- [Coupe models]
76	B	- [Coupe models]
76	W	- [Coupe models]
77	W	-
92	LG	- [Coupe models]
92	SB	- [Coupe models]
93	V	- [Coupe models]
93	W	- [Coupe models]
94	G	- [Coupe models]
94	SHIELD	- [Coupe models]
95	GR	- [Coupe models]
95	LG	- [Coupe models]
97	LG	- [Coupe models]
98	W	- [Coupe models]
98	Y	- [Coupe models]
98	W	- [Coupe models]
98	Y/B	- [Coupe models]
99	G	-
100	BR	- [Coupe models]
100	Y	- [Coupe models]

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE (FOR MEXICO)]

SRS AIR BAG CONTROL SYSTEM

Connector No.	B203
Connector Name	WIRE TO WIRE
Connector Type	TH04FW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
3	V	-
4	LG	-

Connector No.	B204
Connector Name	WIRE TO WIRE
Connector Type	TH04FW-NH



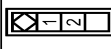
Terminal No.	Color Of Wire	Signal Name [Specification]
3	V	-
4	LG	-

Connector No.	B212
Connector Name	SIDE AIR BAG MODULE RH
Connector Type	TH02FYEX-1V



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	-
2	Y	-

Connector No.	B213
Connector Name	SEAT BELT BUCKLE SWITCH (PASSENGER SIDE)
Connector Type	RO2FW



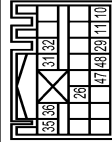
Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	- [For Mexico]
2	B	- [Except for Mexico]

Connector No.	B214
Connector Name	SECURITY CLASSIFICATION SYSTEM CONTROL UNIT
Connector Type	TH08FW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
2	V	COMMUNICATION
4	R	IGN
5	B	GROUND

Connector No.	B215
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH23FY-1VEX



Terminal No.	Color Of Wire	Signal Name [Specification]
10	Y	PRH (+)
11	Y	PRH (-)
26	V	ODS INPUT
29	LG	RH BUCKLE SW INPUT
31	Y	SRH (+)
32	Y	SRH (-)
35	Y	GRH (+)
36	Y/B	GRH (-)
47	B	SATELLITE RH (+) [Roadster models]
47	G	SATELLITE RH (+) [Coupe models]
48	R	SATELLITE RH (-) [Coupe models]
48	W	SATELLITE RH (-) [Roadster models]

Connector No.	B219
Connector Name	SEAT BELT PRE-TENSIONER RH
Connector Type	ACB02FY



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	-
2	Y	-

Connector No.	B220
Connector Name	SATELLITE SENSOR RH
Connector Type	HM02FY-1VEX-LC



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	- [Roadster models]
1	G	- [Coupe models]
2	R	- [Coupe models]
2	W	- [Roadster models]

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE (FOR MEXICO)]

SRS AIR BAG CONTROL SYSTEM

Connector No.	B225
Connector Name	CURTAIN AIR BAG MODULE RH
Connector Type	ACB02FY



Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y	-
2	V/B	-

Connector No.	B227
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



Terminal No.	Color Of Wire	Signal Name (Specification)
75	LG	-
76	B	-
78	G	-
79	B	-
90	B	-
91	L	-
92	G	-
93	Y	-
94	SB	-
95	V	-
100	W	-

Connector No.	B507
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



Terminal No.	Color Of Wire	Signal Name (Specification)
75	L	-
76	B	-
78	LG	-
79	B	-
80	B	-
81	P	-
82	V	-
83	G	-
84	GR	-
85	V	-
100	BR	-

Connector No.	B515
Connector Name	SEAT BELT BUCKLE SWITCH (DRIVER SIDE)
Connector Type	T103FW



Terminal No.	Color Of Wire	Signal Name (Specification)
1	UW	-
2	O	-

Connector No.	B557
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



Terminal No.	Color Of Wire	Signal Name (Specification)
75	LG	-
76	B	-
78	G	-
79	B	-
80	B	-
81	L	-
82	G	-
83	SB	-
84	V	-
85	V	-
100	W	-

Connector No.	B565
Connector Name	SEAT BELT BUCKLE SWITCH (PASSENGER SIDE)
Connector Type	T103FW



Terminal No.	Color Of Wire	Signal Name (Specification)
1	UW	-
2	O	-

Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	T140FW-CS15



Terminal No.	Color Of Wire	Signal Name (Specification)
6	SHIELD	-
7	Y	-
8	Y	-
9	G	-
10	BG	-
11	P	- [With BDCSE system]
11	V	- [Without BDCSE system]
12	B	-
13	B	-
14	SB	- [Coupe model]
14	V	- [Roadster model]
15	W	-
19	Y	-
23	V/B	-
25	R	-
26	SHIELD	-
35	G	-
44	L	-
47	B	-
48	SB	-
49	W	-
50	LG	-
51	R	-
52	V	-
53	BG	-
54	GR	-
55	G	-

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE (FOR MEXICO)]

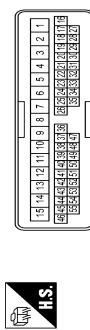
SRS AIR BAG CONTROL SYSTEM

Connector No.	D18
Connector Name	DOOR-MOUNTED CURTAIN AIR BAG MODULE LH
Connector Type	ACB02FY



Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y	-
2	Y/B	-

Connector No.	D31
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-C316-TM4



Terminal No.	Color Of Wire	Signal Name (Specification)
9	SHIELD	-
10	V	-
11	LG	-
12	P	- [Without BOSE system] - [With BOSE system]
13	L	- [Without BOSE system] - [With BOSE system]
14	B	-
15	W	-
19	Y	-
23	Y/B	-
25	R	-
26	SHIELD	-
25	G	-
44	L	-
60	Y	-
61	Y	-
62	G	-

53	BG	-
54	GR	-
55	L	-

Connector No.	D48
Connector Name	DOOR-MOUNTED CURTAIN AIR BAG MODULE RH
Connector Type	ACB02FY



Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y/B	-
2	Y/B	-

Connector No.	D49
Connector Name	FRONT DOOR SATELLITE SENSOR LH
Connector Type	HK02FY-1V-EK4C



Terminal No.	Color Of Wire	Signal Name (Specification)
1	R	-
2	G	-

Connector No.	D50
Connector Name	FRONT DOOR SATELLITE SENSOR RH
Connector Type	HK02FY-1V-EK4C



Terminal No.	Color Of Wire	Signal Name (Specification)
1	R	-
2	G	-

Connector No.	E36
Connector Name	CRASH-ZONE SENSOR
Connector Type	HK02FY-1V-EK4C



Terminal No.	Color Of Wire	Signal Name (Specification)
1	P	-
2	L	-

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-C316-TM4



Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	B	-
11	Y	-
13	R	-
14	L	-
14	GR	-
15	P	-
16	W	-
17	S8	-
20	LG	-
21	BR	- [Coupe models] - [Roadster models]
31	L	-
32	Y	-
36	V	-
37	Y	-
38	R	-
39	B	-
40	W	-
41	LG	-
42	S8	-
43	G	-
44	GR	- [Except for roadster models with W/T] - [Roadster models with W/T]
45	BG	-
46	W	-
47	P	-
58	SHIELD	-
59	L	-
70	W	-
80	W	-
81	P	-

DIAGNOSIS SENSOR UNIT

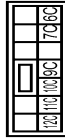
< ECU DIAGNOSIS INFORMATION >

[COUPE (FOR MEXICO)]

SRS AIR BAG CONTROL SYSTEM

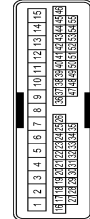
82	G	-	-
83	V	-	-
84	L	-	-
85	RG	-	-
86	LG	-	-
87	R	-	-
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91	W	-	-
92	L	-	-
93	G	-	-
94	Y	-	-
96	Y	-	-
98	GR	-	-
99	LG	-	-
100	RG	-	-

Connector No.	M3
Connector Name	FUSE BLOCK (I/II)
Connector Type	MS12FV-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
10C	L	-
11C	LG	-
12C	O	-
6C	R	-
7C	B	-
9C	O	- [Roadster modes]
9C	R	- [Coupe modes]

Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CS15



Terminal No.	Color Of Wire	Signal Name [Specification]
6	SHIELD	-
7	Y	-
8	Y	-
9	G	-
10	V	-
11	V	- [Without active noise control]
11	R	- [With active noise control]
12	BR	- [Without active noise control]
12	B	- [With active noise control]
13	Y	-
14	V	-
15	W	-
19	Y	-
23	Y/O	-
25	Y	-
26	SHIELD	-
35	BR	-
44	L	-
47	B	-
48	SB	-
49	Y	-
50	W	-
51	R	-
52	L	-
53	W	-
54	G	-
55	R	-

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS1F-TM4



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	B	-
11	GR	-
12	R	-
13	G	-
14	G	-
15	P	-
16	W	-
17	GR	-
20	GR	-
21	R	-
31	BR	-
32	V	-
36	SB	-
37	Y	-
38	LG	-
39	SB	-
40	W	-
41	LG	-
42	R	-
43	G	-
44	G	- [With A/T]
44	R	- [With IM/T]
45	O	-
46	G	-
47	BR	-
58	SHIELD	-
59	L	-
70	R	-
80	LG	-
81	GR	-
82	V	-

83	V	-	-
84	L	-	-
85	BR	-	-
86	Y	-	-
87	G	-	-
89	P	-	-
91	W	-	-
92	P	-	-
93	P	-	-
94	Y	-	-
96	P	-	-
98	O	-	-
99	W	-	-
100	R	-	-

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS1F-TM4



Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	-
2	O	-
3	LG	-
4	O	-
6	V	-
7	LG	-
8	SR	-
9	GR	-
11	Y	-
12	V	-
13	BR	-
14	V	-
15	B	-
16	V	-
17	R	-
18	L	-
20	SB	-
21	G	-
22	GR	-
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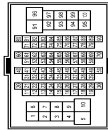
DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE (FOR MEXICO)]

SRS AIR BAG CONTROL SYSTEM

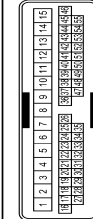
Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH40MMW-CS15,TM4



Terminal No.	Color Of Wire	Signal Name (Specification)
2	LG	- [Coupe models]
3	B	- [Coupe models]
4	W	- [Coupe models]
6	SHIELD	- [Coupe models]
7	LG	- [Coupe models]
7	Y	- [Coupe models]
8	BR	- [Coupe models]
8	LG	- [Coupe models]
11	R	- [Coupe models]
12	G	- [Coupe models]
22	B	- [Coupe models]
30	B	- [Coupe models]
40	O	- [Coupe models]
41	Y	- [Coupe models]
42	G	- [Coupe models]
43	L	- [Coupe models]
44	SB	- [Coupe models]
51	R	- [Coupe models]
52	G	- [Coupe models]
53	SHIELD	- [Coupe models]
54	LG	- [Coupe models]
55	V	- [Coupe models]
56	SHIELD	- [Coupe models]
57	G	- [Coupe models]
57	P	- [Coupe models]
58	L	- [Coupe models]
58	R	- [Coupe models]
59	B	- [Coupe models]
60	W	- [Coupe models]
61	GR	- [Coupe models]
62	B	- [Coupe models]
63	Y	- [Coupe models]
64	L	- [Coupe models]
65	G	- [Coupe models]
66	O	- [Coupe models]

67	V	- [Coupe models]
68	P	- [Coupe models]
69	L	- [Coupe models]
70	L	- [Coupe models]
71	B	- [Coupe models]
72	B	- [Coupe models]
73	B	- [Coupe models]
74	B	- [Coupe models]
75	B	- [Coupe models]
76	B	- [Coupe models]
77	B	- [Coupe models]
92	G	- [Coupe models]
92	LG	- [Coupe models]
93	R	- [Coupe models]
93	V	- [Coupe models]
94	G	- [Coupe models]
94	SHIELD	- [Coupe models]
95	LG	- [Coupe models]
95	SB	- [Coupe models]
97	LG	- [Coupe models]
97	Y	- [Coupe models]
98	V	- [Coupe models]
98	Y/B	- [Coupe models]
99	LG	- [Coupe models]
100	BR	- [Coupe models]
100	Y	- [Coupe models]

Connector No.	M124
Connector Name	WIRE TO WIRE
Connector Type	TH40MMW-CS15



Terminal No.	Color Of Wire	Signal Name (Specification)
9	SHIELD	- [Coupe models]
10	G	- [Coupe models]
11	V	- [Coupe models]
12	LG	- [Coupe models]
12	Y	- [Coupe models]
13	BR	- [Coupe models]
13	V	- [Coupe models]
14	B	- [Coupe models]

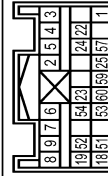
15	W	- [Coupe models]
19	Y	- [Coupe models]
23	Y/B	- [Coupe models]
25	W	- [Coupe models]
26	SHIELD	- [Coupe models]
35	B	- [Coupe models]
44	O	- [Coupe models]
50	Y	- [Coupe models]
51	Y	- [Coupe models]
52	GR	- [Coupe models]
53	W	- [Coupe models]
54	G	- [Coupe models]
55	R	- [Coupe models]

Connector No.	M126
Connector Name	PASSENGER AIR BAG MODULE
Connector Type	TK02FF-EX1V



Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y	- [Coupe models]
2	Y	- [Coupe models]

Connector No.	M147
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH28F-EX



Terminal No.	Color Of Wire	Signal Name (Specification)
1	LG	IGN
2	B	GND
3	Y	DR L1(*)

4	Y	DR L1(DR Z (-))
5	Y	DR Z (H)
6	Y	AS 1 (H)
7	Y	AS 1 (-)
8	Y	AS 2 (H)
9	Y	AS 2 (-)
18	R	ECZS (H)
19	L	ECZS (-)
22	SHIELD	GND
23	R	AIRBAG W/L
24	P	SEAT BELT
25	R	CUTOFF TELLTALE
51	W	SATELLITE RHZ (H)
52	B	SATELLITE RHZ (-)
53	Y	SATELLITE LHZ (H)
54	BR	SATELLITE LHZ (-)
57	O	DEPLOYMENT INFORMATION OUTPUT
59	L	CAN-H
60	P	CAN-L

Connector No.	M581
Connector Name	DRIVER AIR BAG MODULE
Connector Type	ACADZFOR



Terminal No.	Color Of Wire	Signal Name (Specification)
9	-	- [Coupe models]
12	-	- [Coupe models]

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE (FOR MEXICO)]

SRS AIR BAG CONTROL SYSTEM

Connector No.	M362
Connector Name	DRIVER AIR BAG MODULE
Connector Type	ACA02FV-ZV



Terminal No.	Color Of Wire	Signal Name (Specification)
10	-	-
11	-	-

JRHWC3740GB

SRS AIR BAG WARNING LAMP DOES NOT TURN OFF

< SYMPTOM DIAGNOSIS >

[COUPE (FOR MEXICO)]

SYMPTOM DIAGNOSIS

SRS AIR BAG WARNING LAMP DOES NOT TURN OFF

Diagnosis Procedure

INFOID:000000011739997

1.CHECK SELF DIAGNOSIS RESULT

Perform "AIR BAG" Self Diagnostic Result with CONSULT.

Is DTC detected?

YES >> Repair or replace the malfunctioning parts. Refer to [SRC-248, "DTC Index"](#).

NO >> GO TO 2.

2.CHECK AIR BAG FUSE

Check 10 A fuse [No.2, located in fuse block (J/B)].

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace the fuse.

3.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace harness connectors.

4.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 5.

NO >> Replace wiring harness.

5.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).

2. Check air bag warning lamp operation.

Is the inspection result normal?

YES >> INSPECTION END

NO >> GO TO 1.

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SRS AIR BAG WARNING LAMP DOES NOT TURN ON

< SYMPTOM DIAGNOSIS >

[COUPE (FOR MEXICO)]

SRS AIR BAG WARNING LAMP DOES NOT TURN ON

Diagnosis Procedure

INFOID:000000011739998

1.CHECK METER FUSE

Check 10 A fuse [No.4, located in fuse block (J/B)].

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace the fuse.

2.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace harness connectors.

3.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace wiring harness.

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).

2. Check air bag warning lamp operation.

Is the inspection result normal?

YES >> INSPECTION END

NO >> GO TO 1.

PRECAUTION

PRECAUTIONS

Precautions for Removing Battery Terminal

INFOID:000000012103796

- When removing the 12V battery terminal, turn OFF the ignition switch and wait at least 30 seconds.

NOTE:

ECU may be active for several tens of seconds after the ignition switch is turned OFF. If the battery terminal is removed before ECU stops, then a DTC detection error or ECU data corruption may occur.

- For vehicles with the 2-batteries, be sure to connect the main battery and the sub battery before turning ON the ignition switch.

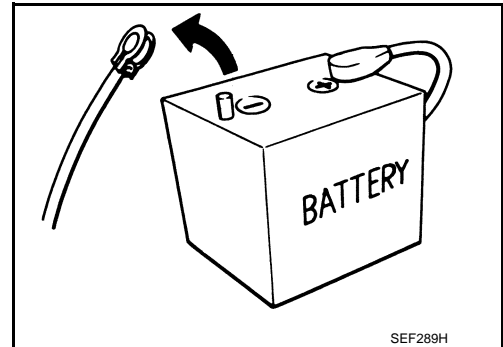
NOTE:

If the ignition switch is turned ON with any one of the terminals of main battery and sub battery disconnected, then DTC may be detected.

- After installing the 12V battery, always check "Self Diagnosis Result" of all ECUs and erase DTC.

NOTE:

The removal of 12V battery may cause a DTC detection error.



Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"

INFOID:000000011739999

The Supplemental Restraint System such as "AIR BAG" and "SEAT BELT PRE-TENSIONER", used along with a front seat belt, helps to reduce the risk or severity of injury to the driver and front passenger for certain types of collision. Information necessary to service the system safely is included in the "SRS AIR BAG" and "SEAT BELT" of this Service Manual.

WARNING:

Always observe the following items for preventing accidental activation.

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision that would result in air bag inflation, all maintenance must be performed by an authorized NISSAN/INFINITI dealer.
- Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see "SRS AIR BAG".
- Never use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.

PRECAUTIONS WHEN USING POWER TOOLS (AIR OR ELECTRIC) AND HAMMERS

WARNING:

Always observe the following items for preventing accidental activation.

- When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the ignition ON or engine running, never use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.
- When using air or electric power tools or hammers, always switch the ignition OFF, disconnect the battery, and wait at least 3 minutes before performing any service.

Service

INFOID:000000011740000

- Do not use electrical test equipment to check SRS circuits unless instructed to in this Service Manual.
- Before servicing the SRS, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more.
For approximately 3 minutes after the battery negative terminal is removed, it is still possible for the air bag and seat belt pre-tensioner to deploy. Therefore, do not work on any SRS connectors or wires until 3 minutes or more elapse.

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PRECAUTIONS

[COUPE (FOR MEXICO)]

< PRECAUTION >

- Diagnosis sensor unit must always be installed with their arrow marks “←” pointing towards the front of the vehicle for normal operation. Also check diagnosis sensor unit for cracks, deformities, or rust before installation and replace if necessary.
- The spiral cable must be aligned in the neutral position since its rotations are limited. Do not turn steering wheel and column after removal of steering gear.
- Handle air bag module carefully. Always place driver and front passenger air bag modules with the pad side facing upward and seat mounted front side air bag module standing with the stud bolt side facing down.
- Perform self-diagnosis to check entire SRS for normal function after replacing any components.
- After air bag inflates, the front instrument panel assembly must be replaced if damaged.
- Always replace instrument panel pad following front passenger air bag deployment.

Precaution for Battery Service

INFOID:000000011740001

Before disconnecting the battery, lower both the driver and passenger windows. This will prevent any interference between the window edge and the vehicle when the door is opened/closed. During normal operation, the window slightly raises and lowers automatically to prevent any window to vehicle interference. The automatic window function will not work with the battery disconnected.

DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

[ROADSTER]

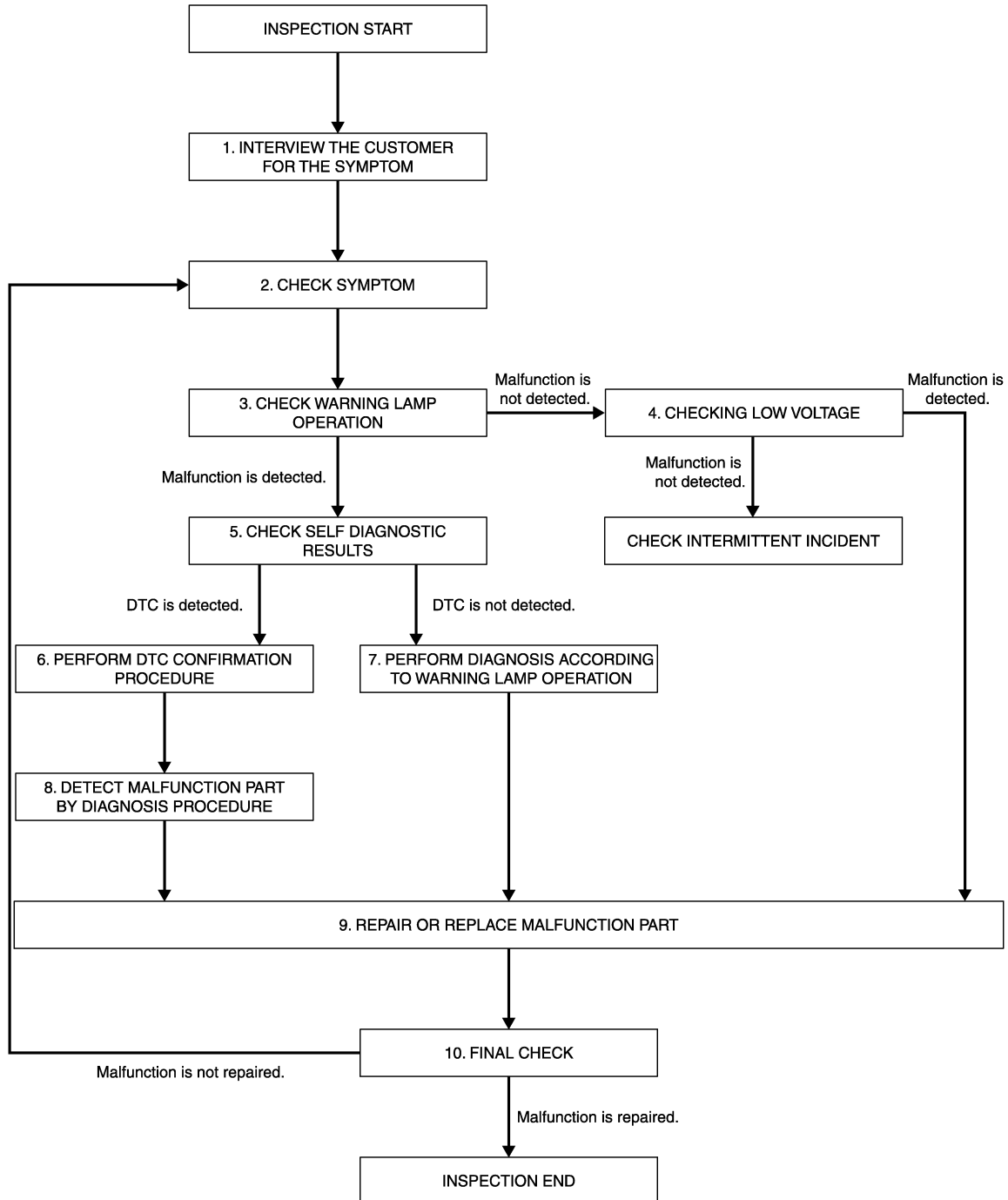
BASIC INSPECTION

DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

INFOID:000000011740002

OVERALL SEQUENCE



SRC

DETAILED FLOW

JMHIA1324GB

DIAGNOSIS AND REPAIR WORK FLOW

[ROADSTER]

< BASIC INSPECTION >

1. INTERVIEW THE CUSTOMER FOR THE SYMPTOM

Interview the customer for the symptom (the condition and the environment when the incident/malfunction occurs).

>> GO TO 2.

2. CHECK SYMPTOM

Check the symptom from the customer information.

>> GO TO 3.

3. CHECK WARNING LAMP OPERATION

Check air bag warning lamp operation in the user mode. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

Are any malfunction detected?

YES >> GO TO 5.

NO >> GO TO 4.

4. CHECK LOW VOLTAGE

Check low voltage with CONSULT. Refer to [SRC-281, "CONSULT Function"](#).

Are any malfunction detected?

YES >> GO TO 9.

NO >> Check intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

5. CHECK SELF DIAGNOSTIC RESULTS

Check self diagnostic result with CONSULT or diagnosis mode.

If it is impossible to switch to diagnosis mode, follow the same procedure that DTC is not detected.

NOTE:

Perform the following procedure if DTC is detected.

- Record DTC (Print them out with CONSULT.)
- Erase self diagnostic result.
- Study the relationship between the malfunction that DTC or air bag warning lamp indicates and the symptom that the customer describes.
- Check related service bulletins for information.

Is DTC detected?

YES >> GO TO 6.

NO >> GO TO 7.

6. PERFORM DTC CONFIRMATION PROCEDURE

Perform DTC CONFIRMATION PROCEDURE for the DTC.

>> GO TO 8.

7. PERFORM DIAGNOSIS ACCORDING TO WARNING LAMP OPERATION

1. Check air bag warning lamp operation in the user mode. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).
2. Perform Diagnosis Procedure for the air bag warning lamp operation. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#) (USER MODE).

>> GO TO 9.

8. DETECT MALFUNCTIONING PART BY DIAGNOSTIC PROCEDURE

Inspect according to Diagnostic Procedure of the DTC.

>> GO TO 9.

DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

[ROADSTER]

9.REPAIR OR REPLACE THE MALFUNCTION PART

Repair or replace the malfunctioning part.

>> GO TO 10.

10.FINAL CHECK

Check self diagnostic result and air bag warning lamp operation in the user mode.

Is the malfunction repaired?

YES >> INSPECTION END

NO >> GO TO 2.

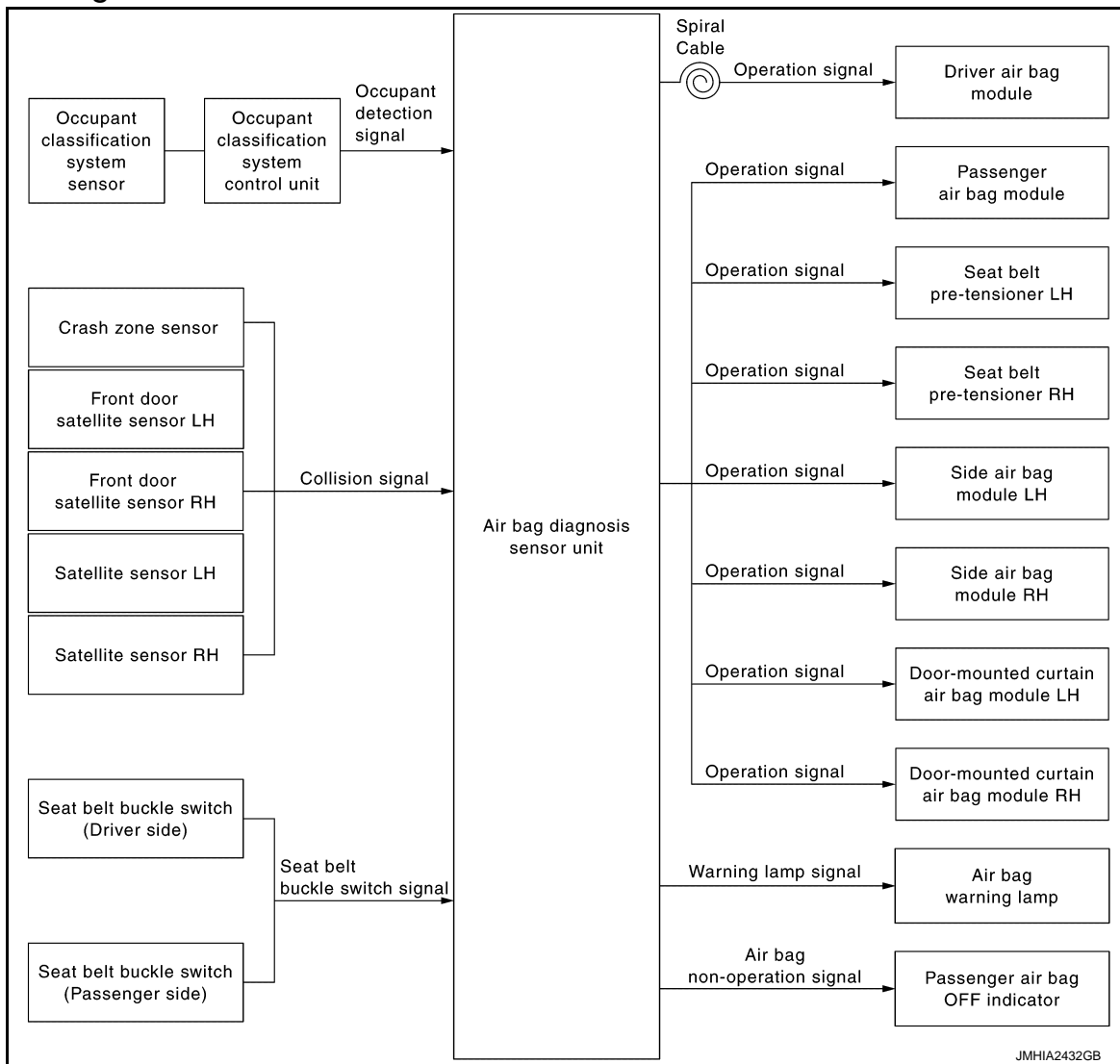
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SYSTEM DESCRIPTION

SRS AIR BAG SYSTEM

System Diagram



INFOID:000000011740003

System Description

INFOID:000000011740004

Supplemental Restraint System (SRS) activates air bag module and seat belt pre-tensioner when it detects a frontal collision or a side collision that is more than the specified limit. Together with other safety devices, it reduces the impact that occupant receives when vehicle collision occurs.

Air bag diagnosis sensor unit supplies power supply to air bag module and pre-tensioner seat belt when deceleration that is more than the specified limit is detected by G sensor in air bag diagnosis sensor unit, crash zone sensor, or satellite sensor, or when pressure that is more than the specified limit is detected by front door satellite sensor. Air bag module is composed of electric igniter (squib), filter, pyrotechnic material, and gas generating material. When air bag module receives a signal from air bag diagnosis sensor unit, air bag module ignites pyrotechnic material using electric igniter (squib) so that gas generating material generates high temperature nitrogen gas. The gas through filter activates air bag. At the same time, pre-tensioner seat belt receives power supply from air bag diagnosis sensor unit, gas generator is activated, and then gas is generated. Balls in pipe are moved according to generated gas pressure and strike pinion gear on ELR shaft. ELR shaft rotates and retracts seat belt.

When air bag diagnosis sensor unit detects a rollover of the vehicle, electric igniter (squib) receives power supply, pyrotechnic material is ignited, and then piston is projected.

AIR BAG DIAGNOSIS SENSOR UNIT FUNCTIONS

SRS AIR BAG SYSTEM

[ROADSTER]

< SYSTEM DESCRIPTION >

Air bag diagnosis sensor unit has the following functions.

- Detects a collision and supplies the energy for deploying air bag and seat belt pre-tensioner.
- Detects and records electrical malfunction in air bag system and seat belt pre-tensioner system, and blinking air bag warning lamp.
- Detects and records the deployment of air bag and seat belt pre-tensioner, and turns ON air bag warning lamp.
- Indicates malfunctioning portion via the number of blinks from the air bag warning lamp in the diagnosis mode.
- Indicates the malfunction record via CONSULT.
- Suppresses the deployment of passenger air bag when passenger seat is empty or occupied by child or child-seat.
- When passenger seat is occupied by child or child seat, turns ON passenger air bag OFF indicator.
- When judges that passenger seat is occupied by a adult or a child and passenger seat belt is not fasten, turns ON seat belt warning lamp. Further information for the seat belt warning system, refer to [SBC-3, "System Description"](#).

COLLISION MODES

The operation of SRS is different depending on the collision modes applications. For example, the driver air bag module, passenger air bag module, and seat belt pre-tensioner are activated in a frontal collision but not in a side collision.

SRS configurations that are activated for the following collision modes.

×: Apply —: Not apply

SRS configuration	Frontal collision	Left side collision	Right side collision	Roll over
Driver air bag module	×	—	—	—
Passenger air bag module	×	—	—	—
Seat belt pre-tensioner LH	×	—	—	×
Seat belt pre-tensioner RH	×	—	—	×
Side air bag module LH	—	×	—	—
Side air bag module RH	—	—	×	—
Door-mounted curtain air bag module LH	—	×	—	×
Door-mounted curtain air bag module RH	—	—	×	×

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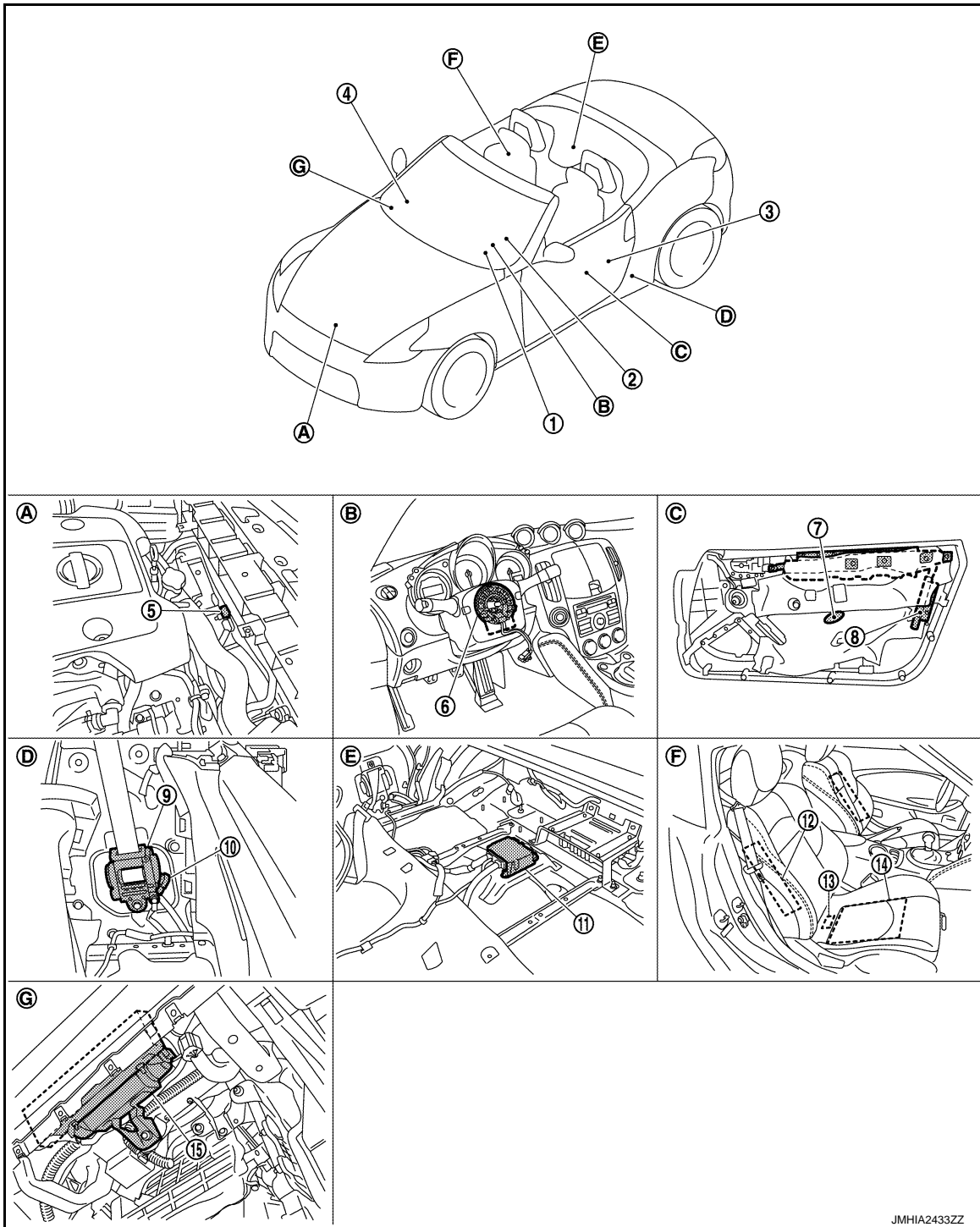
SRS AIR BAG SYSTEM

< SYSTEM DESCRIPTION >

[ROADSTER]

Component Parts Location

INFOID:000000011740005



- | | | |
|---|--|--|
| 1. Combination meter | 2. Driver air bag module | 3. Seat belt buckle switch (Driver side) |
| 4. Passenger air bag OFF indicator | 5. Crash zone sensor | 6. Combination switch (spiral cable) |
| 7. Front door satellite sensor LH | 8. Door-mounted curtain air bag module LH | 9. Seat belt pre-tensioner LH |
| 10. Satellite sensor LH | 11. Air bag diagnosis sensor unit | 12. Side air bag module RH |
| 13. Occupant Classification System control unit | 14. Occupant Classification System seat sensor mat | 15. Passenger air bag module |
| A. Radiator core support assembly | B. View with steering wheel removed | C. Behind door finisher assembly |

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SRS AIR BAG SYSTEM

[ROADSTER]

< SYSTEM DESCRIPTION >

- D. Behind rear side finisher E. Behind seatback center finisher F. Passenger seat
 G. Behind glove box assembly

Component Description

INFOID:000000011740006

Component	Function
Air bag diagnosis sensor unit	Detects a collision and supplies power supply for deployment to air bag module and pre-tensioner seat belt.
Air bag module <ul style="list-style-type: none"> • Driver • Passenger • Side • Door-mounted curtain 	Receives signal from air bag diagnosis sensor unit and deploys air bag.
Seat belt pre-tensioner	Receives signal from air bag diagnosis sensor unit and deploys seat belt pre-tensioner.
Seat belt buckle switch	Controls deployment timing based on seat belt fastened or unfastened condition.
Crash zone sensor	Transmits signal to air bag diagnosis sensor unit when a frontal collision occurs.
Satellite sensor (LH/RH)	Transmits signal to air bag diagnosis sensor unit when a side collision occurs.
Occupant Classification System control unit	Detects passenger seat occupant and judges whether or not passenger seat air bag is deployed.
Combination meter (air bag warning lamp)	Indicates air bag malfunctioning and deployment by blinking and illuminating air bag warning lamp.
Passenger air bag OFF indicator	Indicates whether or not passenger air bag is in the activation mode based on the judgement of Occupant Classification System.
Combination switch (spiral cable)	Supplies power supply to driver air bag module on steering wheel.
Front door satellite sensor (LH/RH)	Transmits signal to air bag diagnosis sensor unit when a side collision occurs.

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OCCUPANT CLASSIFICATION SYSTEM

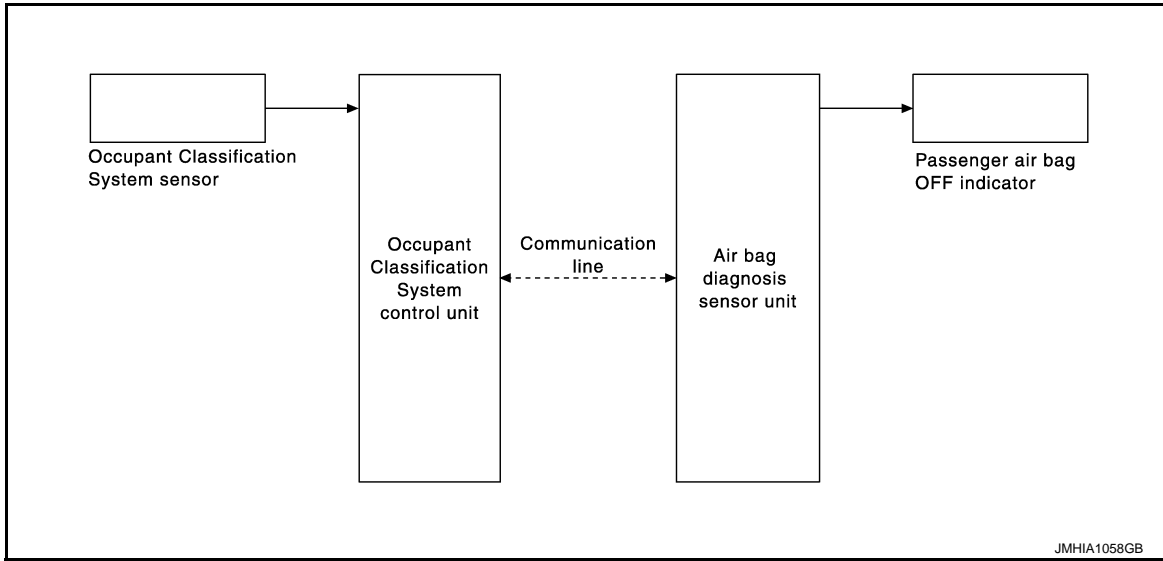
< SYSTEM DESCRIPTION >

[ROADSTER]

OCCUPANT CLASSIFICATION SYSTEM

System Diagram

INFOID:000000011740007



System Description

INFOID:000000011740008

Occupant Classification System has the following functions.

- Suppresses the deployment of passenger air bag when passenger seat is empty, or when occupied by child and child-seat.
- Turns on passenger air bag OFF indicator when passenger seat is occupied by child-seat and child.
- Indicates malfunction portion via the number of blinks from the air bag warning lamp in the diagnosis mode.
- Indicates the malfunctioning record via CONSULT.

Status (passenger seat)	Passenger air bag	Passenger air bag OFF indicator	Air bag warning lamp
Empty	Suppress	OFF	OFF
Child/child-seat	Suppress	ON	OFF
Adult	Enable to deploy	OFF	OFF
Malfunction	Suppress	ON	Blinking

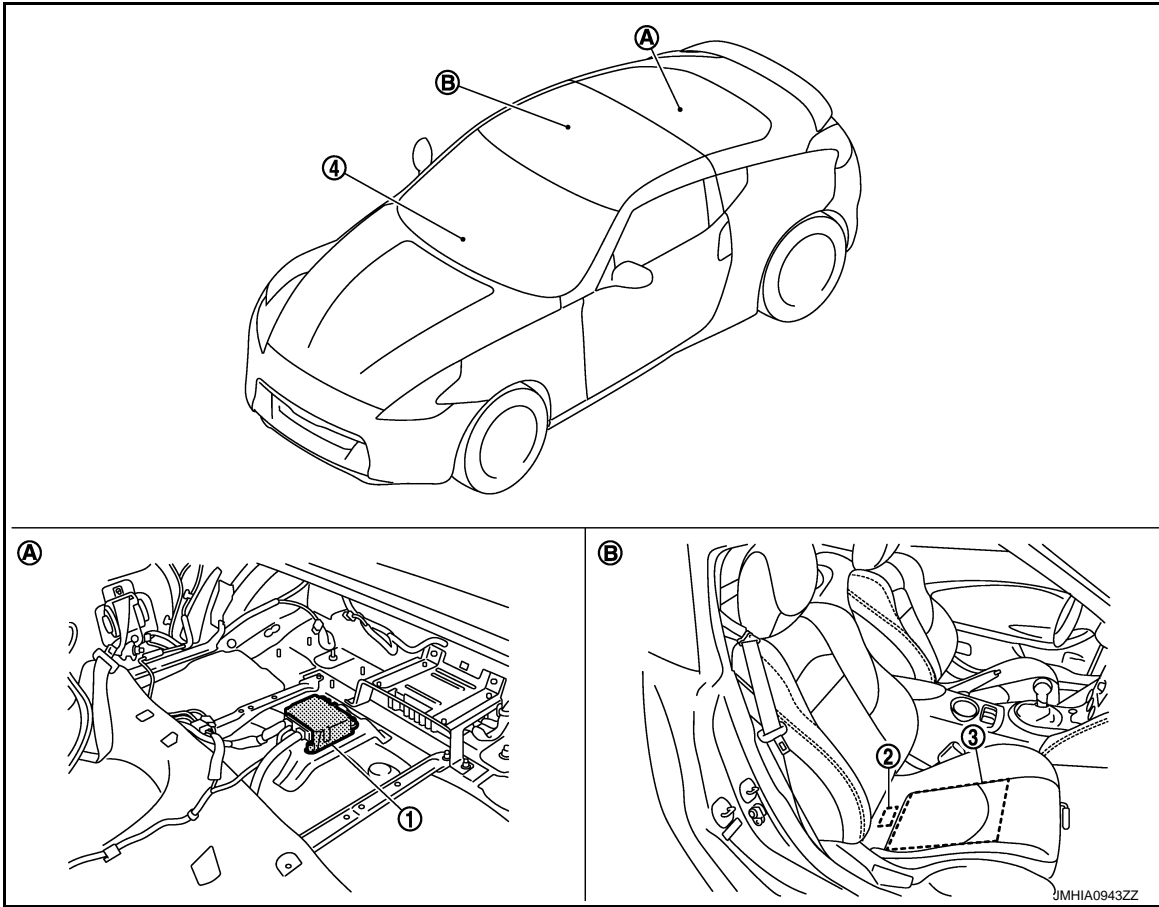
OCCUPANT CLASSIFICATION SYSTEM

< SYSTEM DESCRIPTION >

[ROADSTER]

Component Parts Location

INFOID:000000011740009



1. Air bag diagnosis sensor unit 2. Occupant Classification System control unit 3. Occupant Classification System seat sensor mat
4. Passenger air bag OFF indicator
- A. Behind seatback center finisher B. Passenger seat

Component Description

INFOID:000000011740010

Component parts	Outline of function
Occupant Classification System seat sensor mat	Detects if the passenger seat is empty or occupied. It is integrated into the seat cushion and detects the occupants with occupant classification system control unit that classifies the occupants.
Occupant Classification System control unit	Transmits the passenger seat status (occupied or empty) to air bag diagnosis sensor unit. It is installed in the passenger seat cushion.
Passenger air bag OFF indicator	Turns the passenger air bag OFF indicator lamp ON when the passenger seat is occupied by a child or a child-seat.
Air bag diagnosis sensor unit	<ul style="list-style-type: none"> Performs the deploy judgement of passenger air bag based on the information from Occupant Classification System control unit. Passenger air bag OFF indicator turns ON or turns OFF when passenger state signal detected by Occupant Classification System control unit is received.

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ON BOARD DIAGNOSTIC (OBD) SYSTEM

< SYSTEM DESCRIPTION >

[ROADSTER]

ON BOARD DIAGNOSTIC (OBD) SYSTEM

Diagnosis Description

INFOID:000000011740011

CAUTION:

- **Never use electrical test equipment on any circuit related to the SRS unless instructed in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.**
- **Never repair, splice or modify the SRS wiring harness. If the harness is damaged, replace it with a new one.**
- **Keep ground portion clean.**

DIAGNOSIS FUNCTION

- The SRS self-diagnostic results can be read with air bag warning lamp and/or CONSULT.
- The user mode is exclusively prepared for the customer (driver). This mode warns the driver of a system malfunction through the operation of the air bag warning lamp.
- The diagnosis mode allows the technician to locate and inspect the malfunctioning part.
- The mode applications for the air bag warning lamp and CONSULT are as per the following items.

×: Application, —: Not application

Diagnosis tool	User mode	Diagnosis mode
Air bag warning lamp	×	×
CONSULT	—	×

Diagnosis with Air Bag Warning Lamp

INFOID:000000011740012

SELF DIAGNOSIS FUNCTION

There are two self diagnosis functions with air bag warning lamp per the following items.

- USER MODE
- DIAGNOSIS MODE

HOW TO CHANGE TO DIAGNOSIS MODE

- Self diagnosis mode changes from user mode to diagnosis mode when changing operation is performed.
- In user mode, when SRS air bag warning lamp is not blinking, changing to diagnosis mode by ignition switch operation is not possible.
- In diagnosis mode, when repair is complete and system is normal, the mode changes to user mode when ignition switch is turned from OFF to ON.

PROCEDURE TO CHANGE TO DIAGNOSIS MODE

1. Turn ignition switch from OFF to ON.
2. SRS air bag lamp turns ON for 7 second and turns OFF, then turn ignition switch OFF within 1second after the lamp turns OFF.
3. After turning ignition switch OFF, wait for 3 seconds or more.
4. Repeat operation 1 to 3 for 2 times so that operation 1 to 3 is repeated for 3times in total.
5. Turn ignition switch from OFF to ON. Self diagnosis mode changes to diagnosis mode.

USER MODE

In USER MODE, air bag warning lamp on combination meter blinks when a malfunction is detected and warns the customer (driver).

How to Read Air Bag Warning Lamp

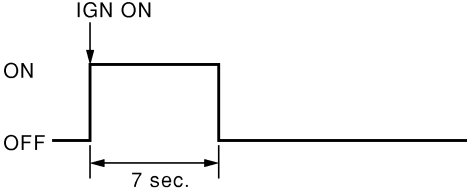
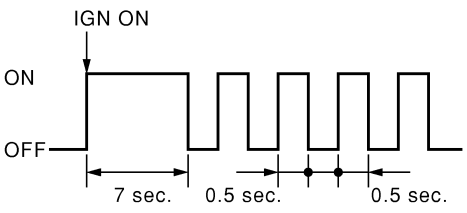
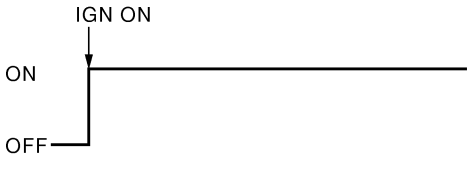

1. Turn the ignition switch from OFF to ON, and check that the air bag warning lamp blinks.
2. Compare the air bag warning lamp blinking pattern with the examples.

Air Bag Warning Lamp Examples

ON BOARD DIAGNOSTIC (OBD) SYSTEM

< SYSTEM DESCRIPTION >

[ROADSTER]

Air bag warning lamp operation (user mode)	SRS condition	Reference item
 <p>SHIA0011E</p>	<ul style="list-style-type: none"> No malfunction is detected No further action is necessary 	<p>—</p>
 <p>SHIA0012E</p>	<ul style="list-style-type: none"> The system is malfunctioning Self diagnostic result is not erased after repair <p>Battery voltage is low (less than 9 V)</p> <p>Intermittent malfunction is detected in the past</p>	<p>Erase "Self Diagnostic Result" Refer to SRC-281, "CONSULT Function", How to Erase Self-diagnostic Result</p> <p>Check "CAUSE OF WARNING" with CONSULT Refer to SRC-281, "CONSULT Function"</p> <p>Go to GI-45, "Intermittent Incident"</p>
 <p>SHIA0013E</p>	<ul style="list-style-type: none"> Air bag is deployed Seat belt pre-tensioner is deployed Air bag diagnosis sensor unit is malfunctioning Air bag power supply circuit is malfunctioning Air bag warning lamp circuit is malfunctioning 	<p>Go to SRC-393, "Diagnosis Procedure" or SRC-394, "Diagnosis Procedure"</p> <p>Go to SRC-449, "Diagnosis Procedure"</p>
 <p>SHIA0014E</p>	<ul style="list-style-type: none"> Air bag diagnosis sensor unit is malfunctioning Air bag warning lamp circuit is malfunctioning 	<p>Go to SRC-450, "Diagnosis Procedure"</p>

DIAGNOSIS MODE

The diagnosis mode can only be switched when a malfunction is detected in the user mode. Malfunctioning system is indicated according to blinking pattern of air bag warning lamp.

How to Read Air Bag Warning Lamp

- Follow the procedures of "PROCEDURE TO CHANGE TO DIAGNOSIS MODE", and switch to the diagnosis mode.
- Turn ignition switch ON. Check the blinking pattern of air bag warning lamp.
There are 2 blinking patterns for the air bag warning lamp as per the following items.
 - Front air bag system: 3 second blink followed by a 0.5 second blink repeated.

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ON BOARD DIAGNOSTIC (OBD) SYSTEM

[ROADSTER]

< SYSTEM DESCRIPTION >

- Side air bag system: Two 1.5 second blinks followed by a 0.5 second blink repeated.

Front air bag system

Number of 0.5 second blinks	Malfunctioning items
0	<ul style="list-style-type: none"> • Self-diagnostic result is not erased after repair • Intermittent malfunction is detected in the past
1	Seat belt pre-tensioner RH
2	Driver air bag module
3	Seat belt pre-tensioner LH
5	Occupant Classification System control unit
6	Crash zone sensor
7	Air bag diagnosis sensor unit
8	Passenger air bag module
11	Passenger air bag OFF indicator

Side air bag system

Number of 0.5-second blinks	Malfunctioning items
1	Side air bag module RH
2	Side air bag module LH
3	Satellite sensor RH
4	Satellite sensor LH
9	Front door satellite sensor RH
10	Front door satellite sensor LH
14	Door-mounted curtain air bag module RH
15	Door-mounted curtain air bag module LH

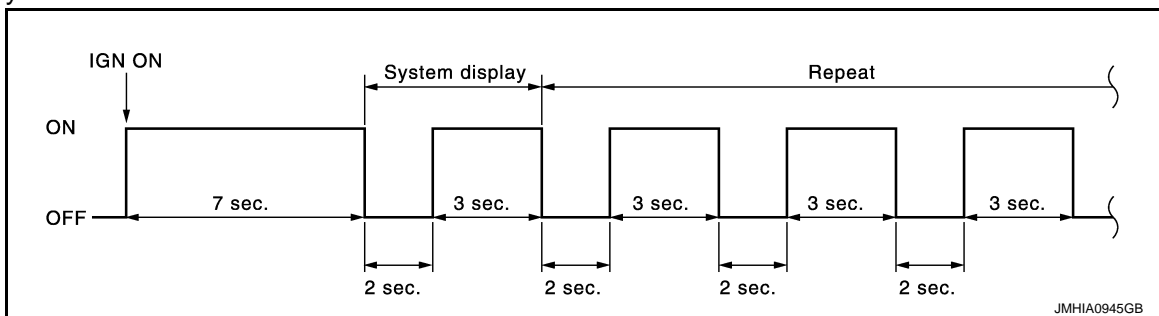
How to Erase Self-diagnostic Result

After a malfunction is repaired, turn the ignition switch OFF for one second or more, then turn ignition switch ON. The diagnosis mode returns to the user mode. At that time the self-diagnostic result is cleared.

EXAMPLE OF AIR BAG WARNING LAMP OPERATION IN THE DIAGNOSIS MODE

System Normal

When system is normal.



Single System Malfunction

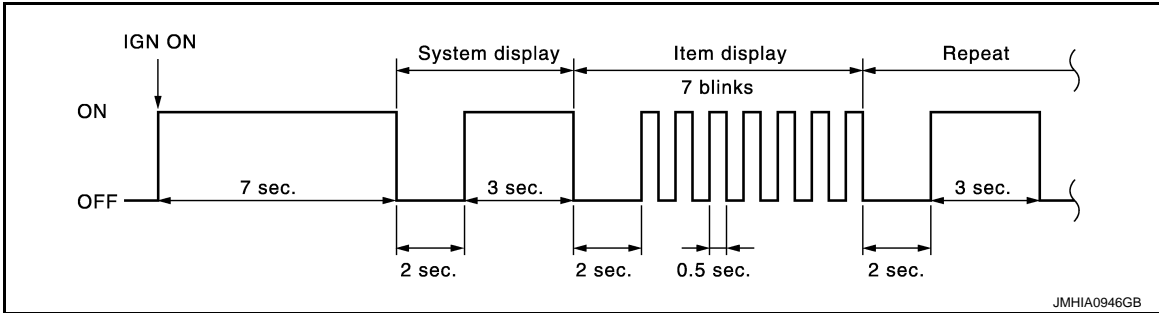
- Front air bag system

ON BOARD DIAGNOSTIC (OBD) SYSTEM

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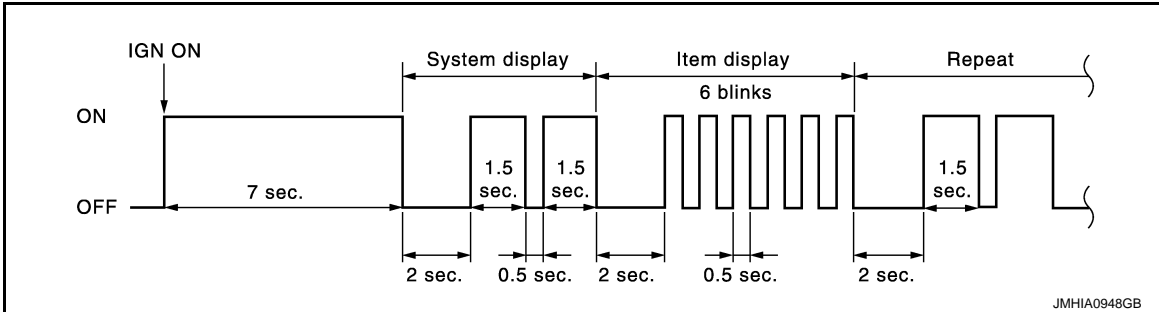
[ROADSTER]

When air bag diagnosis sensor unit system (Item display 1) is malfunctioning.



- Side air bag system

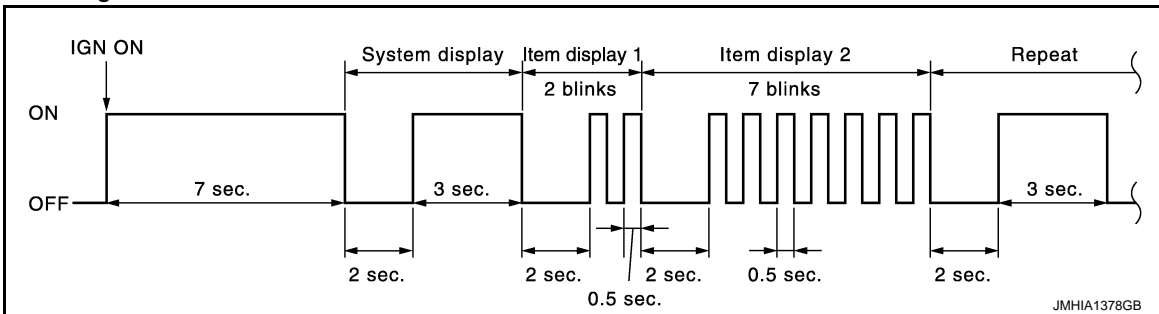
When curtain air bag module LH system (Item display 1) is malfunctioning.



Multiple Systems Malfunction

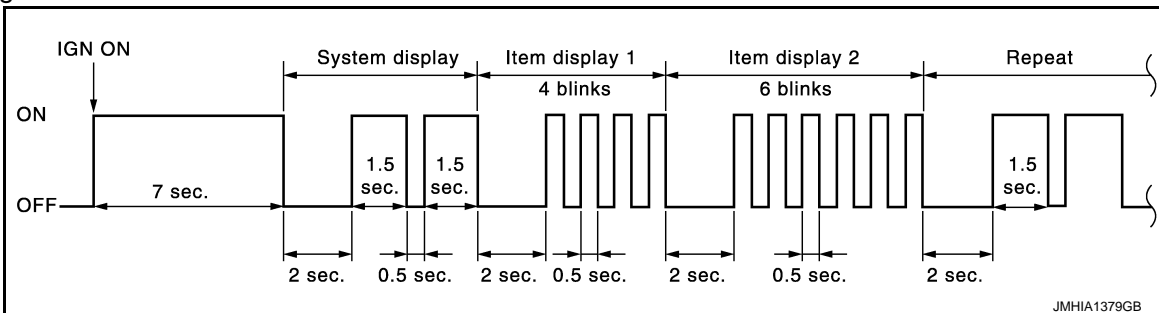
- Front air bag system

When driver air bag module (Item display 1) and air bag diagnosis sensor unit system (Item display 2) are malfunctioning.



- Side air bag system

When satellite sensor LH (Item display 1) and curtain air bag module LH system (Item display 2) are malfunctioning.



- Front air bag system and side air bag system

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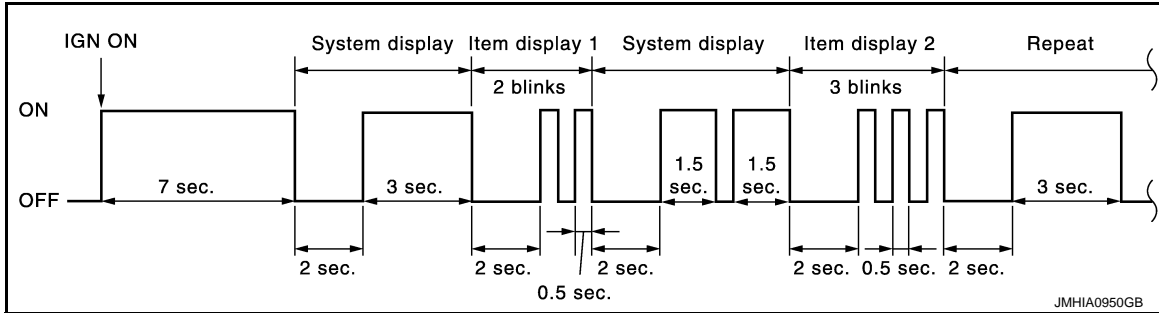
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ON BOARD DIAGNOSTIC (OBD) SYSTEM

< SYSTEM DESCRIPTION >

[ROADSTER]

When driver air bag module (Item display 1) and satellite sensor RH (Item display2) are malfunctioning.



DIAGNOSIS SYSTEM (AIR BAG)

CONSULT Function

INFOID:000000011740013

APPLICATION ITEM

CONSULT performs the following functions.

Diagnosis mode	Description
ECU Identification	Air bag diagnosis sensor unit ECU discriminated number (identification number) or part number is displayed. Air bag diagnosis sensor unit has individual ECU discriminated number (identification number) or part number based on model and equipment.
Self Diagnostic Result	<ul style="list-style-type: none"> • Self-diagnosis result is displayed. Refer to SRC-434, "DTC Index". • "No DTC" is displayed when repair is completed by part replacement or other operations. • "SELF-DIAG RESULT [MEMORY]" is displayed until "Erase" is performed. <p>CAUTION: When "No DTC" is displayed after repair, always perform "Erase". If this is not done SRS air bag warning lamp remains blinking when user mode is resumed.</p>
TROUBLE DIAG RECORD	With TROUBLE DIAG RECORD, diagnosis results previously erased by a reset operation can be displayed on CONSULT screen.
SELF-DIAG RESULT [CAN]	CAN diagnosis result is displayed.
Cause of Warning Lamp	It displays the cause of warning lamp illumination that is not recorded in memory.

CAUSE OF WARNING LAMP

The SRS air bag warning lamp blinks when the ignition voltage is a voltage value (9V or less) at which the SRS air bag cannot operate normally. After blinking, if the ignition voltage returns to normal, SRS air bag warning lamp turns OFF. DTC memory is not performed while the abnormal ignition voltage is detected. The mode cannot be switched to trouble diagnosis mode when the ignition switch is operated. "No DTC" is displayed when checking "Self-diagnosis result" using CONSULT.

NOTE:

- SRS air bag warning may blink when the condition is out of detection area* of the satellite sensor in door.
The system is normal if SRS air bag warning lamp turns OFF after the condition returns within detection area of the satellite sensor in door.
- *: Pressure inside of door is excessively low and air bag system cannot be operated normally (example: altitude is approximately 4,000 m or more).

Display item	Display content	Actions by worker
IGN VOLT COND	The ignition voltage recognized by air bag system (air bag control unit and occupant detection system control unit) is displayed or a message stating that condition is out of detection range of satellite sensor in door is displayed. <ul style="list-style-type: none"> • OK: Normal • LOW: The ignition voltage is low, high, or out of detection range of satellite sensor in door 	Perform the check at an altitude of 4,000 m or less. <ul style="list-style-type: none"> • Check battery voltage if the ignition voltage status is displayed as "LOW". • Check battery voltage if the ignition voltage status is "OK" and the number of times detected is 1 or more. This is because an ignition voltage error may be detected in the past. <p>NOTE: If battery voltage is normal, the cause may be that out of detection range of satellite sensor in door is detected.</p>
LOW VOLT TIME	Total number of times is displayed, summing up the number of times ignition voltage error is detected and the number of times that out of detection range of satellite sensor in door is detected. (Detection record is erased and counter returns to "0" by "ERASE MEMORY" in "Self-diagnosis results" using CONSULT.)	
LOW V RECORDED	Number of times ignition switch ON is displayed after ignition voltage error or out of detection range of satellite sensor in door is detected. (Detection record is erased and counter returns to "0" by "ERASE MEMORY" in "Self-diagnosis results" using CONSULT.)	

B1001, B1002, B1003, B1004, B1005 DIAGNOSIS SENSOR UNIT

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

DTC/CIRCUIT DIAGNOSIS

B1001, B1002, B1003, B1004, B1005 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011740014

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:000000011740015

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1001 B1002 B1003 B1004 B1005	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-282, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740016

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).

B1001, B1002, B1003, B1004, B1005 DIAGNOSIS SENSOR UNIT

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

2. Perform DTC confirmation procedure. Refer to [SRC-282. "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1006, B1007, B1008, B1009, B1010 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1006, B1007, B1008, B1009, B1010 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011740017

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:000000011740018

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1006 B1007 B1008 B1009 B1010	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self-Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-284. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740019

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-284. "DTC Logic"](#)

Is DTC detected?

B1006, B1007, B1008, B1009, B1010 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

YES >> GO TO 1.
NO >> INSPECTION END

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B1011, B1012, B1013, B1014, B1015 DIAGNOSIS SENSOR UNIT

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

B1011, B1012, B1013, B1014, B1015 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011740020

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:000000011740021

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1011 B1012 B1013 B1014 B1015	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-286, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740022

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-286, "DTC Logic"](#)

Is DTC detected?

B1011, B1012, B1013, B1014, B1015 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

YES >> GO TO 1.
NO >> INSPECTION END

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B1017, B1020, B1021 OCCUPANT SYSTEM CONTROL UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1017, B1020, B1021 OCCUPANT SYSTEM CONTROL UNIT

Description

INFOID:000000011740023

This unit classifies occupant in passenger seat and detects electrical malfunctions in Occupant Classification System, and transmits malfunction information to air bag diagnosis sensor unit.

DTC Logic

INFOID:000000011740024

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1017 B1020 B1021	OCCUPANT SENS C/U [UNIT FAIL]	Occupant Classification System control unit is malfunctioning	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in Occupant Classification System control unit• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result with CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-288, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740025

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1. CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-288, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.

B1017, B1020, B1021 OCCUPANT SYSTEM CONTROL UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

NO >> INSPECTION END

4. REPLACE OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace passenger seat cushion assembly. Refer to [SE-79, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-288, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1018 OCCUPANT SYSTEM SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1018 OCCUPANT SYSTEM SENSOR

Description

INFOID:000000011740026

Occupant Classification System sensor detects occupant in passenger seat and transmits it to Occupant Classification System control unit.

DTC Logic

INFOID:000000011740027

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1018	OCCUPANT SENS [UNIT FAIL]	Occupant Classification System sensor is malfunctioning	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in Occupant Classification System sensor• Malfunction in Occupant Classification System control unit• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result with CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-290, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740028

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1. CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-290, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.

B1018 OCCUPANT SYSTEM SENSOR

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

4. REPLACE OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT AND SENSOR

1. Replace passenger seat cushion assembly. Refer to [SE-79, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-290, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1022 OCCUPANT SYSTEM CONTROL UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1022 OCCUPANT SYSTEM CONTROL UNIT

Description

INFOID:000000011740029

This unit classifies occupant in passenger seat and detects electrical malfunctions in Occupant Classification System, and transmits malfunction information to air bag diagnosis sensor unit.

DTC Logic

INFOID:000000011740030

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1022	OCCUPANT SENS C/U [COMM FAIL]	<ul style="list-style-type: none">Internal malfunction of Occupant Classification System control unitMalfunction of circuit between Occupant Classification System control unit and Air bag diagnosis sensor unitMalfunction of Air bag diagnosis sensor unit	<ul style="list-style-type: none">Disconnection of wiring harnessMalfunction in Occupant Classification System control unitMalfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

- Turn ignition switch ON.
- Perform "AIR BAG" Self Diagnostic Result with CONSULT.

Without CONSULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-292, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740031

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1. CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

- Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
- Perform DTC confirmation procedure. Refer to [SRC-292, "DTC Logic"](#).

B1022 OCCUPANT SYSTEM CONTROL UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

4. CHECK OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace passenger seat cushion assembly. Refer to [SE-79, "Exploded View"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-292, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1023 PASSENGER AIR BAG OFF INDICATOR

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1023 PASSENGER AIR BAG OFF INDICATOR

Description

INFOID:000000011740032

Illuminates passenger air bag OFF indicator when the passenger seat is empty or occupied by a child or a child-seat.

DTC Logic

INFOID:000000011740033

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1023	PASS A/B INDCTR CKT [UNIT FAIL]	Passenger air bag OFF indicator circuit is open or shorted to ground or the circuits are shorted each other	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in passenger air bag OFF indicator• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result with CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-294, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740034

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1. CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-294, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1023 PASSENGER AIR BAG OFF INDICATOR

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4.CHECK PASSENGER AIR BAG OFF INDICATOR

1. Replace passenger air bag OFF indicator.
2. Perform DTC confirmation procedure. Refer to [SRC-294, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

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SRC

B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR

Description

INFOID:000000011740035

Occupant Classification System sensor detects occupant in passenger seat and transmits it to Occupant Classification System control unit.

DTC Logic

INFOID:000000011740036

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1025 B1032 B1048	OCS SENSOR	<ul style="list-style-type: none">Internal malfunction of Occupant Classification System control unitMalfunction of circuit between Occupant Classification System control unit and Air bag diagnosis sensor unitMalfunction of Air bag diagnosis sensor unit	<ul style="list-style-type: none">Disconnection of wiring harnessMalfunction in Occupant Classification System control unitMalfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

- Turn ignition switch ON.
- Perform "AIR BAG" Self Diagnostic Result with CONSULT.

Without CONSULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-296. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740037

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1. CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

- Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
- Perform DTC confirmation procedure. Refer to [SRC-296. "DTC Logic"](#).

B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

4. CHECK OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace passenger seat cushion assembly. Refer to [SE-79, "Exploded View"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-296, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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SRC

B1026, B1027, B1028, B1029, B1030, B1031 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1026, B1027, B1028, B1029, B1030, B1031 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011740038

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:000000011740039

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1026 B1027 B1028 B1029 B1030 B1031	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-298, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740040

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-298, "DTC Logic"](#).

B1026, B1027, B1028, B1029, B1030, B1031 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1033, B1034 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1033, B1034 CRASH ZONE SENSOR

Description

INFOID:000000011740041

Crash zone sensor is a G sensor that outputs voltage signal during deceleration at the time of a vehicle frontal collision that is more than the specified limit is detected.

DTC Logic

INFOID:000000011740042

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1033 B1034	CRASH ZONE SEN [UNIT FAIL]	Crash zone sensor is malfunctioning	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in crash zone sensor• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-300, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740043

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-300, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE CRASH ZONE SENSOR

B1033, B1034 CRASH ZONE SENSOR

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

1. Replace crash zone sensor. Refer to [SR-25, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-300, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1035 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1035 CRASH ZONE SENSOR

Description

INFOID:000000011740044

Crash zone sensor is a G sensor that outputs voltage signal during deceleration at the time of a vehicle frontal collision that is more than the specified limit is detected.

DTC Logic

INFOID:000000011740045

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1035	CRASH ZONE SEN [COMM FAIL]	Crash zone sensor is malfunctioning	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in crash zone sensor• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-302, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740046

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-302, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE CRASH ZONE SENSOR

B1035 CRASH ZONE SENSOR

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

1. Replace crash zone sensor. Refer to [SR-25. "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-302. "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1036 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1036 CRASH ZONE SENSOR

Description

INFOID:000000011740047

Crash zone sensor is a G sensor that outputs voltage signal during deceleration at the time of a vehicle frontal collision that is more than the specified limit is detected.

DTC Logic

INFOID:000000011740048

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1036	CRASH ZONE SEN [UNMATCH]	Crash zone sensor is out of the specified specification	Diagnosis sensor unit or crash zone sensor is different from the part specified

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-304, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740049

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-304, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE CRASH ZONE SENSOR

1. Replace crash zone sensor. Refer to [SR-25, "Exploded View"](#).

B1036 CRASH ZONE SENSOR

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

2. Perform DTC confirmation procedure. Refer to [SRC-304, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1037, B1038, B1039, B1040, B1041 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1037, B1038, B1039, B1040, B1041 CRASH ZONE SENSOR

Description

INFOID:000000011740050

Crash zone sensor is a G sensor that outputs voltage signal during deceleration at the time of a vehicle frontal collision that is more than the specified limit is detected.

DTC Logic

INFOID:000000011740051

DTC DETECTION LOGIC

DTC	CONSULT screen terms	DTC detecting condition	Possible cause
B1037 B1039 B1041	CRASH ZONE SENS1	Crash zone sensor is malfunctioning	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in crash zone sensor• Malfunction in air bag diagnosis sensor unit
B1038	CRASH ZONE SEN [OPEN/UPR-VB-SHORT]		
B1040	CRASH ZONE SEN [SHORT/UPR-GND-SHORT]		

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-306. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740052

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE CRASH ZONE SENSOR

1. Replace crash zone sensor. Refer to [SR-25. "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-306. "DTC Logic"](#).

Is DTC detected?

B1037, B1038, B1039, B1040, B1041 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

- YES >> GO TO 4.
- NO >> INSPECTION END

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4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-32. "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-306. "DTC Logic"](#).

B

Is DTC detected?

- YES >> GO TO 1.
- NO >> INSPECTION END

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B1042, B1043, B1044, B1045, B1046, B1047 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1042, B1043, B1044, B1045, B1046, B1047 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011740053

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:000000011740054

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1042 B1043 B1044 B1045 B1046 B1047	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-308, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740055

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-308, "DTC Logic"](#).

B1042, B1043, B1044, B1045, B1046, B1047 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1049, B1054 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1049, B1054 DRIVER AIR BAG MODULE

Description

INFOID:000000011740056

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011740057

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1049 B1054	DRIVER AIRBAG MODULE [OPEN]	Driver air bag module circuit is open (including the spiral cable)	<ul style="list-style-type: none">• Disconnection of wiring harness and open• Malfunction in driver air bag module• Malfunction in spiral cable• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-310. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740058

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. CHECK SPIRAL CABLE CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect driver air bag module connector and combination switch (spiral cable) connector.
3. Check continuity between combination switch (spiral cable) terminals.

B1049, B1054 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Terminal	Terminal	Continuity
10	28	Existed
11	30	
12	29	
9	30	

4. Check continuity between combination switch (spiral cable) terminal and ground.

Combination switch (spiral cable)		Ground	Continuity
Connector	Terminal		
M302	10		Not existed
	11		
M301	12		
	9		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-16, "Exploded View"](#).

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#)

2. Perform DTC confirmation procedure. Refer to [SRC-310, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 5.

NO >> INSPECTION END

5. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to [SR-13, "Exploded View"](#)

2. Perform DTC confirmation procedure. Refer to [SRC-310, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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SRC

B1050, B1055 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1050, B1055 DRIVER AIR BAG MODULE

Description

INFOID:000000011740059

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011740060

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1050 B1055	DRIVER AIRBAG MODULE [VB-SHORT]	Driver air bag module circuit is shorted to power supply circuit (including the spiral cable)	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in driver air bag module• Malfunction in spiral cable• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-312. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740061

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. CHECK SPIRAL CABLE CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect driver air bag module connector and combination switch (spiral cable) connector.
3. Check continuity between combination switch (spiral cable) terminals.

B1050, B1055 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Terminal	Terminal	Continuity
10	28	Existed
11	30	
12	29	
9	30	

4. Check continuity between combination switch (spiral cable) and ground.

Combination switch (spiral cable)		Ground	Continuity
Connector	Terminal		
M302	10		Not existed
	11		
M301	12		
	9		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-16, "Exploded View"](#).

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#)

2. Perform DTC confirmation procedure. Refer to [SRC-312, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 5.

NO >> INSPECTION END

5. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to [SR-13, "Exploded View"](#)

2. Perform DTC confirmation procedure. Refer to [SRC-312, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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SRC

B1051, B1056 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1051, B1056 DRIVER AIR BAG MODULE

Description

INFOID:000000011740062

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011740063

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1051 B1056	DRIVER AIRBAG MODULE [GND-SHORT]	Driver air bag module circuit is shorted to ground (including the spiral cable)	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in driver air bag module• Malfunction in spiral cable• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-314. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740064

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. CHECK SPIRAL CABLE CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect driver air bag module connector and combination switch (spiral cable) connector.
3. Check continuity between combination switch (spiral cable) terminals.

B1051, B1056 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Terminal	Terminal	Continuity
10	28	Existed
11	30	
12	29	
9	30	

4. Check continuity between combination switch (spiral cable) terminal and ground.

Combination switch (spiral cable)		Ground	Continuity
Connector	Terminal		
M302	10	Ground	Not existed
	11		
M301	12		
	9		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-16, "Exploded View"](#).

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-314, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 5.

NO >> INSPECTION END

5. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to [SR-13, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-314, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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SRC

B1052, B1057 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1052, B1057 DRIVER AIR BAG MODULE

Description

INFOID:000000011740065

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011740066

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1052 B1057	DRIVER AIRBAG MODULE [SHORT]	Driver air bag module circuit are shorted to each other (including the spiral cable)	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in driver air bag module• Malfunction in spiral cable• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-316. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740067

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. CHECK SPIRAL CABLE CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect driver air bag module connector and combination switch (spiral cable) connector.
3. Check continuity between combination switch (spiral cable) terminals.

B1052, B1057 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Terminal	Terminal	Continuity
10	28	Existed
11	30	
12	29	
9	30	

4. Check continuity between combination switch (spiral cable) terminal and ground.

Combination switch (spiral cable)		Ground	Continuity
Connector	Terminal		
M302	10		Not existed
	11		
M301	12		
	9		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-16, "Exploded View"](#).

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#)

2. Perform DTC confirmation procedure. Refer to [SRC-316, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 5.

NO >> INSPECTION END

5. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to [SR-13, "Exploded View"](#)

2. Perform DTC confirmation procedure. Refer to [SRC-316, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1058, B1059, B1060, B1061, B1062, B1063 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1058, B1059, B1060, B1061, B1062, B1063 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011740068

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:000000011740069

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1058 B1059 B1060 B1061 B1062 B1063	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-318, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740070

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-318, "DTC Logic"](#).

B1058, B1059, B1060, B1061, B1062, B1063 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1065, B1070 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1065, B1070 PASSENGER AIR BAG MODULE

Description

INFOID:000000011740071

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011740072

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1065 B1070	ASSIST A/B MODULE [OPEN]	Passenger air bag module circuit is open	<ul style="list-style-type: none">• Disconnection of wiring harness and open• Malfunction in passenger air bag module• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-320. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740073

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-320. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1065, B1070 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4. REPLACE PASSENGER AIR BAG MODULE

1. Replace passenger air bag module. Refer to [SR-19, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-320, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B1066, B1071 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1066, B1071 PASSENGER AIR BAG MODULE

Description

INFOID:000000011740074

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011740075

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1066 B1071	ASSIST A/B MODULE [VB-SHORT]	Passenger air bag module circuit is shorted to power supply circuit	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in passenger air bag module• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-322. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740076

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-322. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1066, B1071 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4. REPLACE PASSENGER AIR BAG MODULE

1. Replace passenger air bag module. Refer to [SR-19, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-322, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

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B1067, B1072 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1067, B1072 PASSENGER AIR BAG MODULE

Description

INFOID:000000011740077

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011740078

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1067 B1072	ASSIST A/B MODULE [GND-SHORT]	Passenger air bag module circuit is shorted to ground	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in passenger air bag module• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-324. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740079

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-324. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1067, B1072 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4. REPLACE PASSENGER AIR BAG MODULE

1. Replace passenger air bag module. Refer to [SR-19, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-324, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B1068, B1073 PASSENGER AIR BAG MODULE

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

B1068, B1073 PASSENGER AIR BAG MODULE

Description

INFOID:000000011740080

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011740081

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1068 B1073	ASSIST A/B MODULE [SHORT]	Passenger air bag module circuits are shorted to each other	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in passenger air bag module• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-326. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740082

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-326. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1068, B1073 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4. REPLACE PASSENGER AIR BAG MODULE

1. Replace passenger air bag module. Refer to [SR-19, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-326, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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SRC

B1074, B1075, B1076, B1077, B1078, B1079 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1074, B1075, B1076, B1077, B1078, B1079 DIAGNOSIS SENSOR UNIT

Description

INFOID:0000000011740083

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000011740084

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1074 B1075 B1076 B1077 B1078 B1079	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Ⓟ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-328, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000011740085

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-328, "DTC Logic"](#).

B1074, B1075, B1076, B1077, B1078, B1079 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1080, B1096 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1080, B1096 DRIVER AIR BAG MODULE

Description

INFOID:000000011740086

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011740087

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1080 B1096	DRIVER AIRBAG MODULE [SHORT]	Driver air bag module circuit are shorted to each other (including the spiral cable)	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in driver air bag module• Malfunction in spiral cable• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-330. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740088

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. CHECK SPIRAL CABLE CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect driver air bag module connector and combination switch (spiral cable) connector.
3. Check continuity between driver air bag module harness connector and combination switch (spiral cable) harness connector.

B1080, B1096 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	
M301	12		29	
	9		30	

4. Check continuity between driver air bag module harness connector and ground.

Driver side air bag module		Ground	Continuity
Connector	Terminal		
M302	10	Ground	Not existed
	11		
M301	12		
	9		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-16, "Exploded View"](#).

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-330, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 5.

NO >> INSPECTION END

5. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to [SR-13, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-330, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1081 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1081 SEAT BELT PRE-TENSIONER RH

Description

INFOID:000000011740089

In the case of a frontal collision that is more than the specified impact level, the air bag diagnosis sensor unit detects the deceleration caused by collision. It restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

DTC Logic

INFOID:000000011740090

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1081	PRE-TEN FRONT RH [OPEN]	Seat belt pre-tensioner RH circuit is open	<ul style="list-style-type: none">• Disconnection of wiring harness and open• Malfunction in seat belt pre-tensioner RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-332. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740091

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-13. "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-332. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1081 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SR-34, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-332, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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SRC

B1082 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1082 SEAT BELT PRE-TENSIONER RH

Description

INFOID:000000011740092

In the case of a frontal collision that is more than the specified impact level, the air bag diagnosis sensor unit detects the deceleration caused by collision. It restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

DTC Logic

INFOID:000000011740093

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1082	PRE-TEN FRONT RH [VB-SHORT]	Seat belt pre-tensioner RH circuit is shorted to power supply circuit	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in seat belt pre-tensioner RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-334. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740094

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-334. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1082 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SR-34, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-334, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B1083 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1083 SEAT BELT PRE-TENSIONER RH

Description

INFOID:000000011740095

In the case of a frontal collision that is more than the specified impact level, the air bag diagnosis sensor unit detects the deceleration caused by collision. It restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

DTC Logic

INFOID:000000011740096

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1083	PRE-TEN FRONT RH [GND-SHORT]	Seat belt pre-tensioner RH circuit is shorted to ground	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in seat belt pre-tensioner RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-336. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740097

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-336. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1083 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SR-34, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-336, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B1084 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1084 SEAT BELT PRE-TENSIONER RH

Description

INFOID:000000011740098

In the case of a frontal collision that is more than the specified impact level, the air bag diagnosis sensor unit detects the deceleration caused by collision. It restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

DTC Logic

INFOID:000000011740099

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1084	PRE-TEN FRONT RH [SHORT]	Seat belt pre-tensioner RH circuits are shorted to each other	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in seat belt pre-tensioner RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-338. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740100

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-338. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1084 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SR-34, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-338, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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SRC

B1086 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1086 SEAT BELT PRE-TENSIONER LH

Description

INFOID:000000011740101

In the case of a frontal collision that is more than the specified impact level, the air bag diagnosis sensor unit detects the deceleration caused by collision. It restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

DTC Logic

INFOID:000000011740102

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1086	PRE-TEN FRONT LH [OPEN]	Seat belt pre-tensioner LH circuit is open	<ul style="list-style-type: none">• Disconnection of wiring harness and open• Malfunction in seat belt pre-tensioner LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-340. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740103

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-340. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1086 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SR-34, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-340, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B1087 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1087 SEAT BELT PRE-TENSIONER LH

Description

INFOID:000000011740104

In the case of a frontal collision that is more than the specified impact level, the air bag diagnosis sensor unit detects the deceleration caused by collision. It restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

DTC Logic

INFOID:000000011740105

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1087	PRE-TEN FRONT LH [VB-SHORT]	Seat belt pre-tensioner LH circuit is shorted to power supply circuit	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in seat belt pre-tensioner LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-342. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740106

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-342. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1087 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SR-34, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-342, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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SRC

B1088 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1088 SEAT BELT PRE-TENSIONER LH

Description

INFOID:000000011740107

In the case of a frontal collision that is more than the specified impact level, the air bag diagnosis sensor unit detects the deceleration caused by collision. It restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

DTC Logic

INFOID:000000011740108

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1088	PRE-TEN FRONT LH [GND-SHORT]	Seat belt pre-tensioner LH circuit is shorted to ground	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in seat belt pre-tensioner LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-344. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740109

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-344. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1088 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SR-34, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-344, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B1089 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1089 SEAT BELT PRE-TENSIONER LH

Description

INFOID:000000011740110

In the case of a frontal collision that is more than the specified impact level, the air bag diagnosis sensor unit detects the deceleration caused by collision. It restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

DTC Logic

INFOID:000000011740111

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1089	PRE-TEN FRONT LH [SHORT]	Seat belt pre-tensioner LH circuits are shorted to each other	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in seat belt pre-tensioner LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-346. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740112

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-346. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1089 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SR-34, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-346, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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SRC

B1090, B1091, B1092, B1093, B1094, B1095 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1090, B1091, B1092, B1093, B1094, B1095 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011740113

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:000000011740114

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1090 B1091 B1092 B1093 B0194 B1095	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-348, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740115

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-348, "DTC Logic"](#).

B1090, B1091, B1092, B1093, B1094, B1095 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1106, B1107, B1108, B1109, B1110, B1111 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1106, B1107, B1108, B1109, B1110, B1111 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011740116

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:000000011740117

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1106 B1107 B1108 B1109 B1110 B1111	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-350, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740118

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-350, "DTC Logic"](#).

B1106, B1107, B1108, B1109, B1110, B1111 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1113, B1114 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1113, B1114 SATELLITE SENSOR RH

Description

INFOID:0000000011740119

When air bag diagnosis sensor unit defines both signal voltage of the "G" sensor and the safing algorithm to be that of collision which is more than the specified level, the driving circuit switches on and feeds the electric ignitor of both the front side air bag and side curtain air bag.

DTC Logic

INFOID:0000000011740120

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1113 B1114	SATELLITE SENS RH [UNIT FAIL]	Satellite sensor RH is malfunctioning	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in satellite sensor RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-352, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000011740121

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-352, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1113, B1114 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to [SR-34, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-352, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B1115 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1115 SATELLITE SENSOR RH

Description

INFOID:000000011740122

When air bag diagnosis sensor unit defines both signal voltage of the "G" sensor and the safing algorithm to be that of collision which is more than the specified level, the driving circuit switches on and feeds the electric ignitor of both the front side air bag and side curtain air bag.

DTC Logic

INFOID:000000011740123

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1115	SATELLITE SENS RH [COMM FAIL]	Satellite sensor RH is malfunctioning	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in satellite sensor RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-354. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740124

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-354. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1115 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to [SR-27, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-354, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B1116 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1116 SATELLITE SENSOR RH

Description

INFOID:000000011740125

When air bag diagnosis sensor unit defines both signal voltage of the "G" sensor and the safing algorithm to be that of collision which is more than the specified level, the driving circuit switches on and feeds the electric ignitor of both the front side air bag and side curtain air bag.

DTC Logic

INFOID:000000011740126

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1116	SATELLITE SENS RH [UNMATCH]	Satellite sensor RH is out of the specified specification	Diagnosis sensor unit or satellite sensor RH is different from the part specified

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-356, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740127

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-356, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

4.REPLACE SATELLITE SENSOR

B1116 SATELLITE SENSOR RH

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

1. Replace satellite sensor RH. Refer to [SR-27, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-356, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1118, B1119 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1118, B1119 SATELLITE SENSOR LH

Description

INFOID:000000011740128

When air bag diagnosis sensor unit defines both signal voltage of the "G" sensor and the safing algorithm to be that of collision which is more than the specified level, the driving circuit switches on and feeds the electric ignitor of both the front side air bag and side curtain air bag.

DTC Logic

INFOID:000000011740129

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1118 B1119	SATELLITE SENS LH [UNIT FAIL]	Satellite sensor LH is malfunctioning	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in satellite sensor LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-358. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740130

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-358. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1118, B1119 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to [SR-27, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-358, "DTC Logic"](#)

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B1120 SATELLITE SENSOR LH

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

B1120 SATELLITE SENSOR LH

Description

INFOID:000000011740131

When air bag diagnosis sensor unit defines both signal voltage of the "G" sensor and the safing algorithm to be that of collision which is more than the specified level, the driving circuit switches on and feeds the electric ignitor of both the front side air bag and side curtain air bag.

DTC Logic

INFOID:000000011740132

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1120	SATELLITE SENS LH [COMM FAIL]	Satellite sensor LH is malfunctioning	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in satellite sensor LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-360, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740133

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-360, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1120 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to [SR-27, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-360, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B1121 SATELLITE SENSOR LH

Description

INFOID:000000011740134

When air bag diagnosis sensor unit defines both signal voltage of the “G” sensor and the safing algorithm to be that of collision which is more than the specified level, the driving circuit switches on and feeds the electric ignitor of both the front side air bag and side curtain air bag.

DTC Logic

INFOID:000000011740135

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1121	SATELLITE SENS LH [UNMATCH]	Satellite sensor LH is out of the specified specification	Diagnosis sensor unit or satellite sensor RH is different from the part specified

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-362, "Diagnosis Procedure"](#).
 NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740136

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
 NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
 NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-362, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
 NO >> INSPECTION END

4. REPLACE SATELLITE SENSOR

B1121 SATELLITE SENSOR LH

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

1. Replace satellite sensor LH. Refer to [SR-27, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-362, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1122, B1123, B1124, B1125, B1126, B1127 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1122, B1123, B1124, B1125, B1126, B1127 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011740137

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:000000011740138

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1122 B1123 B1124 B1125 B1126 B1127	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-364, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740139

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-364, "DTC Logic"](#).

B1122, B1123, B1124, B1125, B1126, B1127 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1129 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1129 SIDE AIR BAG MODULE RH

Description

INFOID:000000011740140

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011740141

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1129	SIDE MODULE RH [OPEN]	Side air bag module RH circuit is open	<ul style="list-style-type: none">• Disconnection of wiring harness and open• Malfunction in side air bag module RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#)

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-366. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740142

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-366. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1129 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SR-21, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-366, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B1130 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1130 SIDE AIR BAG MODULE RH

Description

INFOID:000000011740143

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011740144

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1130	SIDE MODULE RH [VB-SHORT]	Side air bag module RH circuit is shorted to power supply circuit	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in side air bag module RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-368. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740145

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-368. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1130 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SE-79, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-368, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B1131 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1131 SIDE AIR BAG MODULE RH

Description

INFOID:000000011740146

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011740147

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1131	SIDE MODULE RH [GND-SHORT]	Side air bag module RH circuit is shorted to ground	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in side air bag module RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-370. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740148

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-370. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1131 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SE-79, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-370, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

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B1132 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1132 SIDE AIR BAG MODULE RH

Description

INFOID:000000011740149

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011740150

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1132	SIDE MODULE RH [SHORT]	Side air bag module RH circuits are shorted to each other	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in side air bag module RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-372, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740151

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-372, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1132 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SE-79, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-372, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B1134 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1134 SIDE AIR BAG MODULE LH

Description

INFOID:000000011740152

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011740153

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1134	SIDE MODULE LH [OPEN]	Side air bag module LH circuit is open	<ul style="list-style-type: none">• Disconnection of wiring harness and open• Malfunction in side air bag module LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-374. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740154

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-374. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1134 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-79, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-374, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

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SRC

B1135 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1135 SIDE AIR BAG MODULE LH

Description

INFOID:000000011740155

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011740156

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1135	SIDE MODULE LH [VB-SHORT]	Side air bag module LH circuit is shorted to power supply circuit	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in side air bag module LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-376. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740157

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-376. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1135 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-79, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-376, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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SRC

B1136 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1136 SIDE AIR BAG MODULE LH

Description

INFOID:000000011740158

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011740159

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1136	SIDE MODULE LH [GND-SHORT]	Side air bag module LH circuit is shorted to ground	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in side air bag module LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-378. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740160

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-378. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1136 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-79, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-378, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

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B1137 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1137 SIDE AIR BAG MODULE LH

Description

INFOID:000000011740161

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011740162

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1137	SIDE MODULE LH [SHORT]	Side air bag module LH circuits are shorted to each other	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in side air bag module LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-380. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740163

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-380. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1137 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-79, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-380, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

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SRC

B1138, B1139, B1140, B1141, B1142, B1143 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1138, B1139, B1140, B1141, B1142, B1143 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011740164

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:000000011740165

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1138 B1139 B1140 B1141 B1142 B1143	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to [SRC-382. "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740166

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-382. "DTC Logic"](#).

B1138, B1139, B1140, B1141, B1142, B1143 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1144 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1144 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011740167

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:000000011740168

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1144	CONTROL UNIT [MISS INSTALLATION]	Air bag diagnosis sensor unit is malfunctioning or out of the specification	<ul style="list-style-type: none">• Malfunction in air bag diagnosis sensor unit• Configuration in air bag diagnosis sensor unit does not match the vehicles specification

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-384. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740169

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-384. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

B1154, B1155, B1156, B1157, B1158, B1159 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1154, B1155, B1156, B1157, B1158, B1159 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011740170

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:000000011740171

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1154 B1155 B1156 B1157 B1158 B1159	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to [SRC-385, "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740172

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-385, "DTC Logic"](#).

B1154, B1155, B1156, B1157, B1158, B1159 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1170, B1171, B1172, B1173, B1174, B1175 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1170, B1171, B1172, B1173, B1174, B1175 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011740173

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:000000011740174

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1170 B1171 B1172 B1173 B1174 B1175	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-387, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740175

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-387, "DTC Logic"](#).

B1170, B1171, B1172, B1173, B1174, B1175 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1186, B1187, B1188, B1189, B1190, B1191 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1186, B1187, B1188, B1189, B1190, B1191 DIAGNOSIS SENSOR UNIT

Description

INFOID:0000000011740176

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000011740177

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1186 B1187 B1188 B1189 B1190 B1191	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to [SRC-389, "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000011740178

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-389, "DTC Logic"](#).

B1186, B1187, B1188, B1189, B1190, B1191 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1202, B1203, B1204, B1205, B1206, B1207 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1202, B1203, B1204, B1205, B1206, B1207 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000011740179

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:000000011740180

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1202 B1203 B1204 B1205 B1206 B1207	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-391, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740181

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-391, "DTC Logic"](#).

B1202, B1203, B1204, B1205, B1206, B1207 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1209 FRONTAL COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1209 FRONTAL COLLISION DETECTION

Description

INFOID:000000011740182

The air bags and seat belt pre-tensioners for driver and passenger are activated by the air bag diagnosis sensor unit signal transmitted at the time of the frontal collision.

DTC Logic

INFOID:000000011740183

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1209	FRONTAL COLLISION DETECTION	Seat belt pre-tensioner, driver side air bag and passenger air bag are deployed	—

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-393, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740184

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. PERFORM COLLISION DIAGNOSIS

Perform collision diagnosis. Refer to [SR-7, "FOR FRONTAL COLLISION : When SRS is activated in a collision"](#) or [SR-8, "FOR FRONTAL COLLISION : When SRS is not activated in a collision"](#).

Is collision diagnosis complete?

- YES >> GO TO 2.
NO >> INSPECTION END

2. FINAL INSPECTION

Perform "AIR BAG" Self Diagnostic Result.

Is the inspection result normal?

- YES >> INSPECTION END
NO >> Perform diagnosis of applicable DTC. Refer to [SRC-434, "DTC Index"](#).

B1210 SIDE COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1210 SIDE COLLISION DETECTION

Description

INFOID:000000011740185

The side air bag and curtain air bag are activated by the air bag diagnosis sensor unit signal transmitted at the time of side collision.

DTC Logic

INFOID:000000011740186

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1210	SIDE COLLISION DETECTION	Side air bag and curtain air bag are deployed	—

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-394. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740187

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. PERFORM COLLISION DIAGNOSIS

Perform collision diagnosis. Refer to [SR-9. "FOR SIDE AND ROLLOVER COLLISION : When SRS is activated in a collision"](#) or [SR-10. "FOR SIDE AND ROLLOVER COLLISION : When SRS is not activated in a collision"](#).

Is collision diagnosis complete?

- YES >> GO TO 2.
NO >> INSPECTION END

2. FINAL INSPECTION

Perform "AIR BAG" Self Diagnostic Result.

Is the inspection result normal?

- YES >> INSPECTION END
NO >> Perform diagnosis of applicable DTC. Refer to [SRC-434. "DTC Index"](#).

B1211 ROLLOVER DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1211 ROLLOVER DETECTION

Description

INFOID:000000011740188

The seat belt pre-tensioner and curtain air bag are activated by the air bag diagnosis sensor unit signal at the time of rollover.

DTC Logic

INFOID:000000011740189

DTC DETECTION LOGIC

With CONSULT

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1211	ROLLOVER DETECTION	Seat belt pre-tensioner and curtain air bag module are deployed because of rollover detection	—

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-395, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740190

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. PERFORM COLLISION DIAGNOSIS

Perform collision diagnosis. Refer to [SR-9, "FOR SIDE AND ROLLOVER COLLISION : When SRS is activated in a collision"](#) or [SR-10, "FOR SIDE AND ROLLOVER COLLISION : When SRS is not activated in a collision"](#).

Is collision diagnosis complete?

- YES >> GO TO 2.
NO >> INSPECTION END

2. FINAL INSPECTION

Perform "AIR BAG" Self Diagnostic Result.

Is the inspection result normal?

- YES >> INSPECTION END
NO >> Perform diagnosis of applicable DTC. Refer to [SRC-434, "DTC Index"](#).

B1212, B1213, B1214 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1212, B1213, B1214 SATELLITE SENSOR RH

Description

INFOID:000000011740191

Satellite sensor is a G sensor that outputs voltage signal during deceleration at the time of a vehicle side collision that is more than the specified limit is detected.

DTC Logic

INFOID:000000011740192

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1212 B1213 B1214	RH1 SAT-SENS	Satellite sensor RH is malfunctioning	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in satellite sensor RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-396, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740193

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-396, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE SATELLITE SENSOR

B1212, B1213, B1214 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

1. Replace satellite sensor RH. Refer to [SR-27, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-396, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1215, B1216, B1217 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1215, B1216, B1217 SATELLITE SENSOR LH

Description

INFOID:000000011740194

Satellite sensor is a G sensor that outputs voltage signal during deceleration at the time of a vehicle side collision that is more than the specified limit is detected.

DTC Logic

INFOID:000000011740195

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1215 B1216 B1217	LH1 SAT-SENS	Satellite sensor LH is malfunctioning	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in satellite sensor LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-398, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740196

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-398, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE SATELLITE SENSOR

B1215, B1216, B1217 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

1. Replace satellite sensor LH. Refer to [SR-27, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-398, "DTC Logic"](#)

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1218, B1219, B1220, B1221, B1222, B1223 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1218, B1219, B1220, B1221, B1222, B1223 DIAGNOSIS SENSOR UNIT

Description

INFOID:0000000011740197

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000011740198

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1218 B1219 B1220 B1221 B1222 B1223	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-400, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000011740199

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-400, "DTC Logic"](#).

B1218, B1219, B1220, B1221, B1222, B1223 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1234, B1235, B1236, B1237, B1238, B1239 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1234, B1235, B1236, B1237, B1238, B1239 DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000011740200

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1234 B1235 B1236 B1237 B1238 B1239	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-402, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740201

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-32, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-402, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

B1250, B1251, B1252, B1253, B1254, B1255 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1250, B1251, B1252, B1253, B1254, B1255 DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000011740202

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1250 B1251 B1252 B1253 B1254 B1255	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-403, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740203

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-32, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-403, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

B1257 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1257 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

Description

INFOID:000000011740204

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011740205

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1257	FR-RH DOOR MNT MODULE [OPEN]	Door-mounted curtain air bag module RH circuit is open	<ul style="list-style-type: none">• Disconnection of wiring harness and open• Malfunction in side door-mounted curtain air bag module RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-404, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740206

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-404, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1257 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4. REPLACE DOOR-MOUNTED CURTAIN AIR BAG MODULE

1. Replace door-mounted curtain air bag module RH. Refer to [SR-23, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-404, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

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B1258 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1258 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

Description

INFOID:000000011740207

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011740208

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1258	FR-RH DOOR MNT MODULE [VB-SHORT]	Door-mounted curtain air bag module RH circuit is shorted to power supply circuit	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in door-mounted curtain air bag module RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-406, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740209

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-406, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1258 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4. REPLACE DOOR-MOUNTED CURTAIN AIR BAG MODULE

1. Replace door-mounted curtain air bag module RH. Refer to [SR-23, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-406, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B1259 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1259 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

Description

INFOID:000000011740210

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011740211

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1259	FR-RH DOOR MNT MODULE [GND-SHORT]	Door-mounted curtain air bag module RH circuit is shorted to ground	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in door-mounted curtain air bag module RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276. "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-408. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740212

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-408. "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1259 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4. REPLACE DOOR-MOUNTED CURTAIN AIR BAG MODULE

1. Replace door-mounted curtain air bag module RH. Refer to [SR-23, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-408, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B1260 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1260 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

Description

INFOID:000000011740213

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011740214

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1260	FR-RH DOOR MNT MODULE [SHORT]	Door-mounted curtain air bag module RH circuits are shorted to each other	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in door-mounted curtain air bag module RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-410, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740215

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-410, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1260 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4. REPLACE DOOR-MOUNTED CURTAIN AIR BAG MODULE

1. Replace door-mounted curtain air bag module RH. Refer to [SR-23, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-410, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B1262 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1262 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

Description

INFOID:000000011740216

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011740217

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1262	FR-LH DOOR MNT MODULE [OPEN]	Door-mounted curtain air bag module LH circuit is open	<ul style="list-style-type: none">• Disconnection of wiring harness and open• Malfunction in door-mounted curtain air bag module LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-412, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740218

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-412, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1262 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4. REPLACE DOOR-MOUNTED CURTAIN AIR BAG MODULE

1. Replace door-mounted curtain air bag module LH. Refer to [SR-23, "Removal and Installation"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-412, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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SRC

B1263 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1263 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

Description

INFOID:000000011740219

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011740220

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1263	FR-LH DOOR MNT MODULE [VB-SHORT]	Door-mounted curtain air bag module LH circuit is shorted to power supply circuit	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in door-mounted curtain air bag module LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-414, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740221

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-414, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1263 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4. REPLACE DOOR-MOUNTED CURTAIN AIR BAG MODULE

1. Replace door-mounted curtain air bag module LH. Refer to [SR-23, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-414, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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B1264 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1264 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

Description

INFOID:000000011740222

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011740223

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1264	FR-LH DOOR MNT MODULE [GND-SHORT]	Door-mounted curtain air bag module LH circuit is shorted to ground	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in door-mounted curtain air bag module LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-416, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740224

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-416, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1264 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4. REPLACE DOOR-MOUNTED CURTAIN AIR BAG MODULE

1. Replace door-mounted curtain air bag module LH. Refer to [SR-23, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-416, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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SRC

B1265 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1265 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

Description

INFOID:000000011740225

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:000000011740226

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1265	FR-LH DOOR MNT MODULE [SHORT]	Door-mounted curtain air bag module LH circuits are shorted to each other	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in door-mounted curtain air bag module LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "AIR BAG" Self Diagnostic Result.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-418, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740227

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-418, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

B1265 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

4. REPLACE DOOR-MOUNTED CURTAIN AIR BAG MODULE

1. Replace door-mounted curtain air bag module LH. Refer to [SR-23, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-418, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

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SRC

B1266, B1267, B1268, B1269 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1266, B1267, B1268, B1269 DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000011740228

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1266 B1267 B1268 B1269	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-420, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740229

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-32, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-420, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

B1282, B1283, B1284, B1285 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1282, B1283, B1284, B1285 DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000011740230

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1282 B1283 B1284 B1285	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-421, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740231

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-32, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-421, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

B1336, B1337 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1336, B1337 SATELLITE SENSOR RH

Description

INFOID:000000011740232

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:000000011740233

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1336 B1337	FR-RH DOOR SATEL SENS [SENSOR MALFUNCTION]	Front door satellite sensor RH is malfunctioning	<ul style="list-style-type: none">• Harness or connectors• Malfunction in front door satellite sensor RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to .

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-422, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740234

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE FRONT DOOR SATELLITE SENSOR

1. Replace front door satellite sensor RH. Refer to [SR-27, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-422, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

B1336, B1337 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

1. Replace air bag diagnosis sensor unit. Refer to [SR-32, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-422, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

Description

INFOID:000000011740235

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:000000011740236

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1338 B1340 B1341 B1342	FR-RH DOOR SATEL SENS [COMM MALFUNC- TION]	Front door satellite sensor RH is malfunctioning	<ul style="list-style-type: none">• Harness or connectors• Malfunction in front door satellite sensor RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-424, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740237

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE FRONT DOOR SATELLITE SENSOR

1. Replace front door satellite sensor RH. Refer to [SR-27, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-424, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

1. Replace air bag diagnosis sensor unit. Refer to [SR-32, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-424, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1339 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1339 SATELLITE SENSOR RH

Description

INFOID:000000011740238

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:000000011740239

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1339	FR-RH DOOR SATEL SENS [MIS-INSTALLATION]	Front door satellite sensor RH is out of the specified specification	Diagnosis sensor unit or front door satellite sensor RH is different from the part specified

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-426, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740240

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. REPLACE FRONT DOOR SATELLITE SENSOR

1. Replace front door satellite sensor RH. Refer to [SR-27, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-426, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 2.
NO >> INSPECTION END

2. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-32, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-426, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

B1343, B1344 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1343, B1344 SATELLITE SENSOR LH

Description

INFOID:000000011740241

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:000000011740242

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1343 B1344	FR-LH DOOR SATEL SENS [SENSOR MALFUNCTION]	Front door satellite sensor LH is malfunctioning	<ul style="list-style-type: none">• Harness or connectors• Malfunction in front door satellite sensor LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-427, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740243

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE FRONT DOOR SATELLITE SENSOR

1. Replace front door satellite sensor LH. Refer to [SR-27, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-427, "DTC Logic"](#)

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

B1343, B1344 SATELLITE SENSOR LH

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

1. Replace air bag diagnosis sensor unit. Refer to [SR-32, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-427, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

B1345, B1347, B1348, B1349 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1345, B1347, B1348, B1349 SATELLITE SENSOR LH

Description

INFOID:000000011740244

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:000000011740245

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1345 B1347 B1348 B1349	FR-LH DOOR SATEL SENS [COMM MALFUNC- TION]	Front door satellite sensor LH is malfunctioning	<ul style="list-style-type: none">• Harness or connectors• Malfunction in front door satellite sensor LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-429, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740246

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE FRONT DOOR SATELLITE SENSOR

1. Replace front door satellite sensor LH. Refer to [SR-27, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-429, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

B1345, B1347, B1348, B1349 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

1. Replace air bag diagnosis sensor unit. Refer to [SR-32, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-429, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1346 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1346 SATELLITE SENSOR LH

Description

INFOID:000000011740247

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:000000011740248

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1346	FR-LH DOOR SATEL SENS [MIS-INSTALLATION]	Front door satellite sensor LH is out of the specified specification	Diagnosis sensor unit or front door satellite sensor LH is different from the part specified

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-431, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740249

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. REPLACE FRONT DOOR SATELLITE SENSOR

1. Replace front door satellite sensor LH. Refer to [SR-27, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-431, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 2.
NO >> INSPECTION END

2. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-32, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-431, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

B1350, B1351 SATELLITE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1350, B1351 SATELLITE SENSOR

Description

INFOID:0000000011740250

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:0000000011740251

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1350 B1351	FR DOOR SATEL SENS	Front door satellite sensor is malfunctioning or out of the specified specification	<ul style="list-style-type: none">• Malfunction in front door satellite sensor LH/RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-432, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000011740252

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. REPLACE BOTH OF FRONT DOOR SATELLITE SENSORS

1. Replace both of front door satellite sensors. Refer to [SR-27, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-432, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 2.
NO >> INSPECTION END

2. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-32, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-432, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

B1378, B1379, B1380, B1381 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1378, B1379, B1380, B1381 DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000011740253

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1378 B1379 B1380 B1381	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-276, "Diagnosis with Air Bag Warning Lamp"](#).

NOTE:

SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

- YES >> Refer to [SRC-433, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000011740254

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-32, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-433, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.
NO >> INSPECTION END

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[ROADSTER]

ECU DIAGNOSIS INFORMATION

DIAGNOSIS SENSOR UNIT

DTC Index

INFOID:000000011740255

DTC	Diagnostic item	Explanation	Reference page
—	NO DTC IS DETECTED.	<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>When malfunction is indicated by the "AIR BAG" warning lamp in the user mode</p> </div> <div style="width: 60%;"> <p>Low battery voltage (Less than 9 V)</p> <p>Self-diagnostic result is not erased after repair</p> <p>Intermittent malfunction is detected in the past</p> </div> </div>	<p>SRC-281, "CONSULT Function".</p> <p>SRC-276, "Diagnosis with Air Bag Warning Lamp", SRC-281, "CONSULT Function".</p> <p>GI-45, "Intermittent Incident"</p>
		No malfunction is detected	—
B1001-B1015	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<ul style="list-style-type: none"> SRC-282, "DTC Logic". SRC-284, "DTC Logic". SRC-286, "DTC Logic".
B1017 B1020 B1021	OCCUPANT SENS C/U [UNIT FAIL]	Malfunction occurs in Occupant Classification System control unit	SRC-288, "DTC Logic".
B1018	OCCUPANT SENS [UNIT FAIL]	Malfunction occurs in Occupant Classification System sensor	SRC-290, "DTC Logic".
B1022	OCCUPANT SENS C/U [COMM FAIL]	Malfunction occurs in Occupant Classification System control unit, circuit of Occupant Classification System control unit air bag diagnosis sensor unit, or air bag diagnosis sensor unit	SRC-292, "DTC Logic".
B1023	PASS A/B INDCTR CKT	Passenger air bag OFF indicator circuit is open or shorted to ground or the circuits are shorted each other	SRC-294, "DTC Logic".
B1025 B1032 B1048	OCS SENSOR	Malfunction occurs in Occupant Classification System control unit, circuit of Occupant Classification System control unit air bag diagnosis sensor unit, or air bag diagnosis sensor unit	SRC-296, "DTC Logic".
B1026-B1031	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning or out of the specified specification	SRC-298, "DTC Logic".
B1033 B1034	CRASH ZONE SEN [UNIT FAIL]	Crash zone sensor is malfunctioning	SRC-300, "DTC Logic".
B1035	CRASH ZONE SEN [COMM FAIL]	Crash zone sensor is malfunctioning	SRC-302, "DTC Logic".
B1036	CRASH ZONE SEN [UNMATCH]	Crash zone sensor is out of the specified specification	SRC-304, "DTC Logic".
B1037 B1039 B1041	CRASH ZONE SEN1	Crash zone sensor is malfunctioning	SRC-306, "DTC Logic".
B1038	CRASH ZONE SEN [OPEN/UPR-VB-SHORT]	Crash zone sensor is malfunctioning	SRC-306, "DTC Logic".
B1040	CRASH ZONE SEN [SHORT/UPR-GND-SHORT]	Crash zone sensor is malfunctioning	SRC-306, "DTC Logic".

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[ROADSTER]

DTC	Diagnostic item	Explanation	Reference page
B1042-B1047	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-308, "DTC Logic"
B1049 B1054	DRIVER AIRBAG MODULE [OPEN]	Driver air bag module circuit is open (including the spiral cable)	SRC-310, "DTC Logic"
B1050 B1055	DRIVER AIRBAG MODULE [VB-SHORT]	Driver air bag module circuit is shorted to power supply circuit (including the spiral cable)	SRC-312, "DTC Logic"
B1051 B1056	DRIVER AIRBAG MODULE [GND-SHORT]	Driver air bag module circuit is shorted to ground (including the spiral cable)	SRC-314, "DTC Logic"
B1052 B1057	DRIVER AIRBAG MODULE [SHORT]	Driver air bag module circuits are shorted to each other (including spiral cable)	SRC-316, "DTC Logic"
B1058-B1063	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-318, "DTC Logic"
B1065 B1070	ASSIST A/B MODULE [OPEN]	Passenger air bag module circuit is open	SRC-320, "DTC Logic"
B1066 B1071	ASSIST A/B MODULE [VB-SHORT]	Passenger air bag module circuit is shorted to power supply circuit	SRC-322, "DTC Logic"
B1067 B1072	ASSIST A/B MODULE [GND-SHORT]	Passenger air bag module circuit is shorted to ground	SRC-324, "DTC Logic"
B1068 B1073	ASSIST A/B MODULE [SHORT]	Passenger air bag module circuits are shorted to each other	SRC-326, "DTC Logic"
B1074-B1079	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-328, "DTC Logic"
B1080 B1096	DRIVER AIRBAG MODULE [SHORT]	Driver air bag module circuits are shorted to each other (including spiral cable)	SRC-330, "DTC Logic"
B1081	PRE-TEN FRONT RH [OPEN]	Seat belt pre-tensioner RH circuit is open	SRC-332, "DTC Logic"
B1082	PRE-TEN FRONT RH [VB-SHORT]	Seat belt pre-tensioner RH circuit is shorted to power supply circuit	SRC-334, "DTC Logic"
B1083	PRE-TEN FRONT RH [GND-SHORT]	Seat belt pre-tensioner RH circuit is shorted to ground	SRC-336, "DTC Logic"
B1084	PRE-TEN FRONT RH [SHORT]	Seat belt pre-tensioner RH circuits are shorted to each other	SRC-338, "DTC Logic"
B1086	PRE-TEN FRONT LH [OPEN]	Seat belt pre-tensioner LH circuit is open	SRC-340, "DTC Logic"
B1087	PRE-TEN FRONT LH [VB-SHORT]	Seat belt pre-tensioner LH circuit is shorted to power supply circuit	SRC-342, "DTC Logic"
B1088	PRE-TEN FRONT LH [GND-SHORT]	Seat belt pre-tensioner LH circuit is shorted to ground	SRC-344, "DTC Logic"
B1089	PRE-TEN FRONT LH [SHORT]	Seat belt pre-tensioner LH circuits are shorted to each other	SRC-346, "DTC Logic"
B1090-B1095	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-348, "DTC Logic"
B1106-B1111	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-350, "DTC Logic"
B1113 B1114	SATELLITE SENS RH [UNIT FAIL]	Satellite sensor RH is malfunctioning	SRC-352, "DTC Logic"
B1115	SATELLITE SENS RH [COMM FAIL]	Satellite sensor RH is malfunctioning	SRC-354, "DTC Logic"
B1116	SATELLITE SENS RH [UNMATCH]	Satellite sensor RH is out of the specified specification	SRC-356, "DTC Logic"
B1118 B1119	SATELLITE SENS LH [UNIT FAIL]	Satellite sensor LH is malfunctioning	SRC-358, "DTC Logic"

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[ROADSTER]

DTC	Diagnostic item	Explanation	Reference page
B1120	SATELLITE SENS LH [COMM FAIL]	Satellite sensor RH is malfunctioning	SRC-360, "DTC Logic" .
B1121	SATELLITE SENS LH [UNMATCH]	Satellite sensor RH is out of the specified specification	SRC-362, "DTC Logic" .
B1122-B1127	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-364, "DTC Logic" .
B1129	SIDE MODULE RH [OPEN]	Side air bag module RH circuit is open	SRC-366, "DTC Logic" .
B1130	SIDE MODULE RH [VB-SHORT]	Side air bag module RH circuit is shorted to power supply circuit	SRC-368, "DTC Logic" .
B1131	SIDE MODULE RH [GND-SHORT]	Side air bag module RH circuit is shorted to ground	SRC-370, "DTC Logic" .
B1132	SIDE MODULE RH [SHORT]	Side air bag module RH circuits are shorted to each other	SRC-372, "DTC Logic" .
B1134	SIDE MODULE LH [OPEN]	Side air bag module LH circuit is open	SRC-374, "DTC Logic" .
B1135	SIDE MODULE LH [VB-SHORT]	Side air bag module LH circuit is shorted to power supply circuit	SRC-376, "DTC Logic" .
B1136	SIDE MODULE LH [GND-SHORT]	Side air bag module LH circuit is shorted to ground	SRC-378, "DTC Logic" .
B1137	SIDE MODULE LH [SHORT]	Side air bag module LH circuits are shorted to each other	SRC-380, "DTC Logic" .
B1138-B1143	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-382, "DTC Logic" .
B1144	CONTROL UNIT [MISS INSTALLATION]	Air bag diagnosis sensor unit is malfunctioning or out of the specified specification	SRC-384, "DTC Logic" .
B1154-B1159	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-385, "DTC Logic" .
B1170-B1175	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-387, "DTC Logic" .
B1186-B1191	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-389, "DTC Logic" .
B1202-B1207	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-391, "DTC Logic" .
B1209	FRONTAL COLLISION DETECTION	Seat belt pre-tensioner, driver side air bag and passenger air bag are deployed	SRC-393, "DTC Logic" .
B1210	SIDE COLLISION DETECTION	Side air bag and door-mounted curtain air bag is deployed	SRC-394, "DTC Logic" .
B1211	ROLLOVER DETECTION	Seat belt pre-tensioner side door-mounted curtain air bag module are deployed because of rollover detection	SRC-395, "DTC Logic" .
B1212-B1214	RH1 SAT-SENS	Satellite sensor RH is malfunctioning	SRC-396, "DTC Logic" .
B1215-B1217	LH1 SAT-SENS	Satellite sensor LH is malfunctioning	SRC-398, "DTC Logic" .
B1218-B1223	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-400, "DTC Logic" .
B1234-B1239	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-402, "DTC Logic" .
B1250-B1255	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-403, "DTC Logic" .
B1257	FR-RH DOOR MNT MODULE [OPEN]	Door-mounted curtain air bag RH circuit is open	SRC-404, "DTC Logic" .

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[ROADSTER]

DTC	Diagnostic item	Explanation	Reference page
B1258	FR-RH DOOR MNT MODULE [VB-SHORT]	Door-mounted curtain air bag RH circuit is shorted to power supply circuit	SRC-406, "DTC Logic"
B1259	FR-RH DOOR MNT MODULE [GND-SHORT]	Door-mounted curtain air bag RH circuit is shorted to ground	SRC-408, "DTC Logic"
B1260	FR-RH DOOR MNT MODULE [SHORT]	Door-mounted curtain air bag RH circuit are shorted to each other	SRC-410, "DTC Logic"
B1262	FR-LH DOOR MNT MODULE [OPEN]	Door-mounted curtain air bag LH circuit is open	SRC-412, "DTC Logic"
B1263	FR-LH DOOR MNT MODULE [VB-SHORT]	Door-mounted curtain air bag LH circuit is shorted to power supply circuit	SRC-414, "DTC Logic"
B1264	FR-LH DOOR MNT MODULE [GND-SHORT]	Door-mounted curtain air bag LH circuit is shorted to ground	SRC-416, "DTC Logic"
B1265	FR-LH DOOR MNT MODULE [SHORT]	Door-mounted curtain air bag LH circuit are shorted to each other	SRC-418, "DTC Logic"
B1266-B1269	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-420, "DTC Logic"
B1282-B1285	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-421, "DTC Logic"
B1336 B1337	FR-RH DOOR SATEL SENS [SENSOR MALFUNCTION]	Front door satellite sensor RH is malfunctioning	SRC-422, "DTC Logic"
B1338 B1340 B1341 B1342	FR-RH DOOR SATEL SENS [COMM MALFUNCTION]	Front door satellite sensor RH is malfunctioning	SRC-424, "DTC Logic"
B1339	FR-RH DOOR SATEL SENS [MIS-INSTALLATION]	Front door satellite sensor RH is out of the specified specification	SRC-426, "DTC Logic"
B1343 B1344	FR-LH DOOR SATEL SENS [SENSOR MALFUNCTION]	Front door satellite sensor LH is malfunctioning	SRC-427, "DTC Logic"
B1345 B1347 B1348 B1349	FR-LH DOOR SATEL SENS [COMM MALFUNCTION]	Front door satellite sensor LH is malfunctioning	SRC-429, "DTC Logic"
B1346	FR-LH DOOR SATEL SENS [MIS-INSTALLATION]	Front door satellite sensor LH is out of the specified specification	SRC-431, "DTC Logic"
B1350 B1351	FR DOOR SATEL SENS	Front door satellite sensor is malfunctioning	SRC-432, "DTC Logic"
B1378-B1381	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-433, "DTC Logic"

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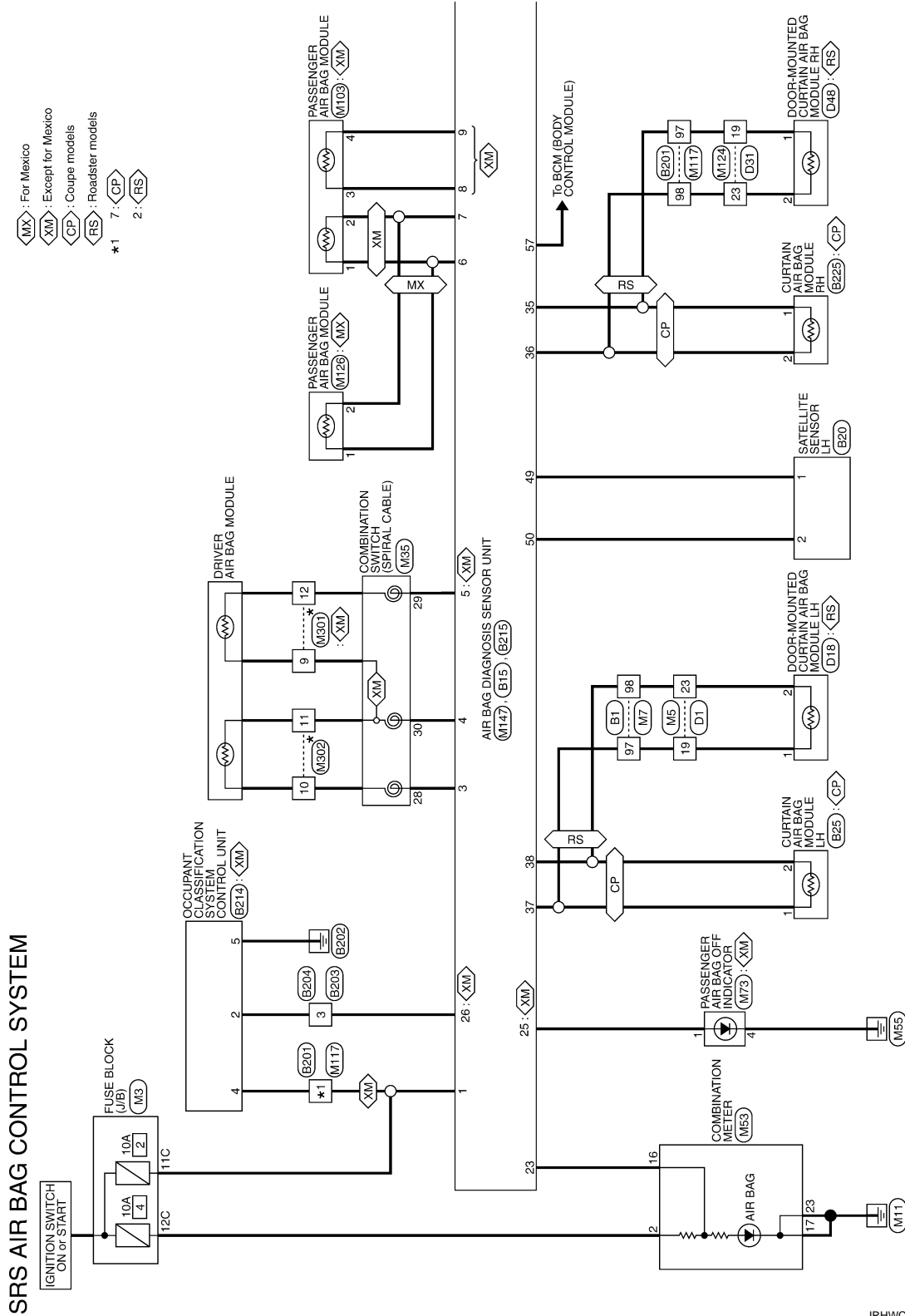
DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[ROADSTER]

Wiring Diagram - SRS AIR BAG CONTROL SYSTEM -

INFOID:000000011740256



*: This connector is not shown in "Harness Layout".

2015/01/09

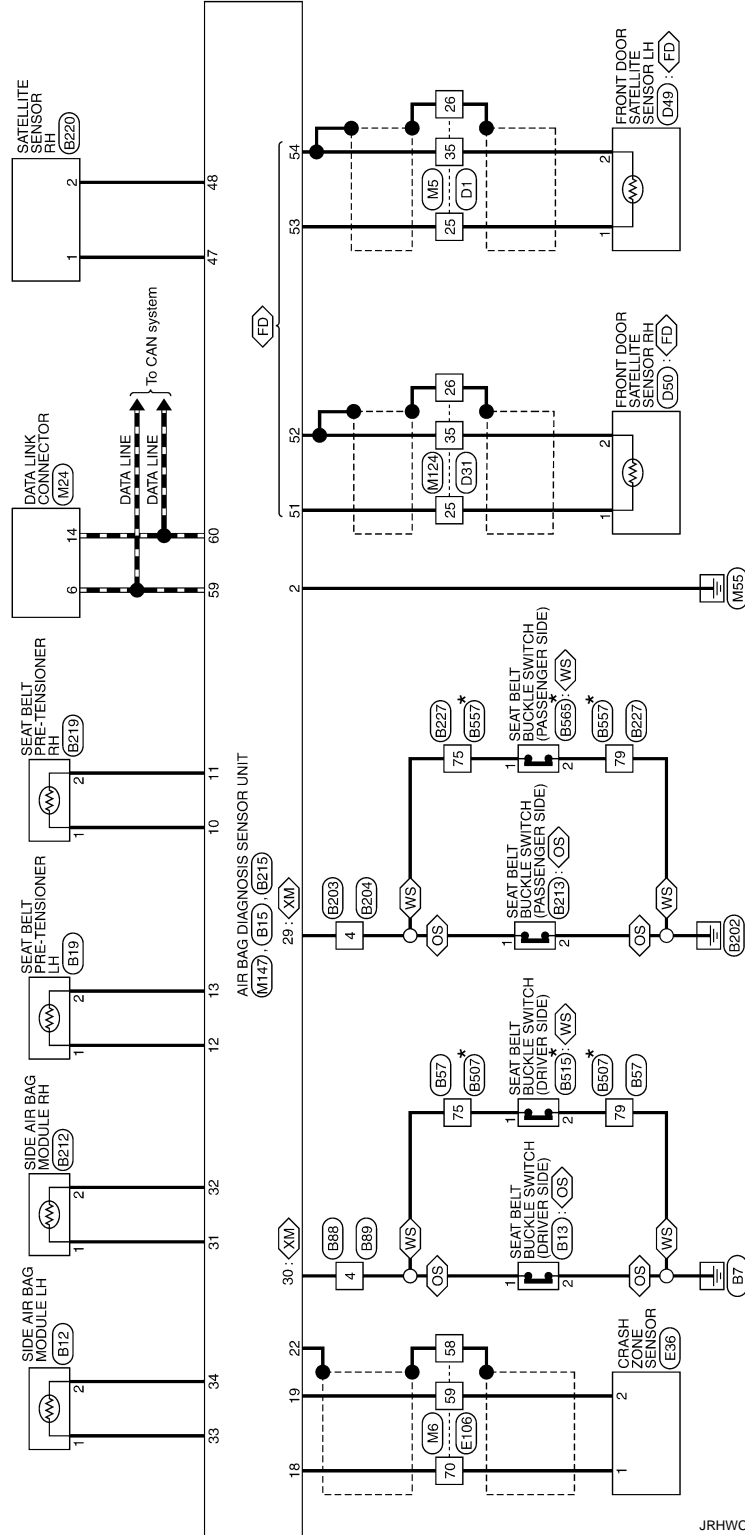
JRHWC3730GB

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[ROADSTER]

- <WS> : With climate controlled seat
- <OS> : Without climate controlled seat
- <FD> : With front door satellite sensor



*: This connector is not shown in "Harness Layout".

JRHWC3731GB

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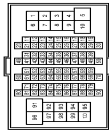
DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[ROADSTER]

SRS AIR BAG CONTROL SYSTEM

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-C316-TM4



Terminal No.	Color Of Wire	Signal Name (Specification)
1	G	-
2	BG	-
3	V	-
4	W	-
5	V	-
6	V	-
7	LG	-
8	SG	-
9	SB	-
10	Y	-
11	V	-
12	W	-
13	BR	-
14	LG	-
15	B	-
16	V	-
17	R	-
18	B	-
20	SB	-
21	G	-
22	GR	-
23	V	-
24	BG	-
25	L	-
26	P	-
27	W	-
28	SHIELD	-
31	W	-
32	B	-
33	P	-
33	W	- [Coupe models]
34	R	- [Roadster models]
34	R	- [Roadster models]
35	B	- [Roadster models]
35	W	- [Coupe models]
36	B	-
37	SB	-
38	SB	-

39	SB	-
40	Y	-
41	L	-
42	GR	- [Coupe models]
43	BR	- [Roadster models]
44	R	-
45	BG	- [Roadster models]
46	SB	- [Coupe models]
47	V	- [Roadster models]
48	SHIELD	- [Roadster models]
48	V	- [Coupe models]
49	V	-
51	W	-
52	L	- [Coupe models]
53	R	- [Roadster models]
54	P	-
54	G	-
55	R	-
56	SHIELD	-
58	V	-
61	SB	-
62	SHIELD	-
63	BR	-
64	Y	-
65	SHIELD	-
66	P	-
67	L	-
68	SHIELD	-
69	R	-
70	G	-
71	V	-
72	P	-
73	BR	-
74	GR	-
75	BG	-
80	Y	-
81	R	-
82	B	-
83	GR	-
84	G	- [Coupe models]
84	L	- [Roadster models]
85	LG	-
86	V	-
87	BR	-
88	GR	-
89	P	-
94	G	-

95	LG	-
96	L	-
97	Y	-
98	W	- [Coupe models]
98	Y/B	- [Roadster models]
99	LG	-
100	B	-

Connector No.	B12
Connector Name	SIDE AIR BAG MODULE LH
Connector Type	TR02FY-EX-1V



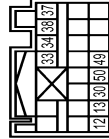
Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y	-
2	Y	-

Connector No.	B13
Connector Name	SEAT BELT BUCKLE SWITCH (DRIVER SIDE)
Connector Type	AD3FW



Terminal No.	Color Of Wire	Signal Name (Specification)
1	G	- [Coupe models]
1	L	- [Roadster models]
2	B	-

Connector No.	B15
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH22FY-2V-EX



Terminal No.	Color Of Wire	Signal Name (Specification)
12	Y	PHI(+)
13	Y	PHI(-)
30	SB	LH-BUCKLE SW INPUT
33	Y	SH(+)
34	Y	SH(-)
37	Y	SH(+)
37	Y/B	SH(-)
48	P	SATELLITE IM (L) [Roadster models]
49	P	SATELLITE IM (L) [Coupe models]
50	L	SATELLITE IM (L) [Roadster models]
50	W	SATELLITE IM (L) [Roadster models]

Connector No.	B19
Connector Name	SEAT BELT PRE-TENSIONER LH
Connector Type	ACE02FY



Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y	-
2	Y	-

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[ROADSTER]

SRS AIR BAG CONTROL SYSTEM

Connector No.	B30
Connector Name	SATELLITE SENSOR LH
Connector Type	HK02FY1VEX1C



Terminal No.	Color Of Wire	Signal Name (Specification)
1	B	- [Roadster models]
1	P	- [Coupe models]
2	L	- [Coupe models]
2	W	- [Roadster models]

Connector No.	B25
Connector Name	CURTAIN AIR BAG MODULE LH
Connector Type	ACB02FY



Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y	-
2	Y/B	-

Connector No.	B57
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



Terminal No.	Color Of Wire	Signal Name (Specification)
75	L	-
76	B	-
78	LG	-
79	B	-
80	B	-
81	P	-
82	V	-
83	RG	-
84	GR	-
90	GR	-
100	BR	-

Connector No.	B88
Connector Name	WIRE TO WIRE
Connector Type	TH04FW-NH



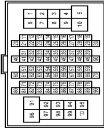
Terminal No.	Color Of Wire	Signal Name (Specification)
4	SB	-

Connector No.	B80
Connector Name	WIRE TO WIRE
Connector Type	TH04FW-NH



Terminal No.	Color Of Wire	Signal Name (Specification)
4	SB	-

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH06FW-CS16-TM4



Terminal No.	Color Of Wire	Signal Name (Specification)
2	R	-
3	B	-
4	G	-
6	SHIELD	-
7	R	- [Coupe models]
7	Y	- [Roadster models]
8	BR	- [Coupe models]
8	LG	- [Roadster models]
9	Y	-
11	R	-
12	G	-
22	R	-
30	B	-
40	W	-
41	V	-
42	G	-
43	L	-
44	SB	-
51	P	-

52	L	-
53	SHIELD	-
54	BR	-
55	Y	-
56	SHIELD	-
57	G	- [Coupe models]
57	P	- [Roadster models]
58	L	- [Roadster models]
58	R	- [Coupe models]
59	B	-
60	W	-
61	GR	-
62	B	-
63	Y	-
64	V	-
65	SB	-
66	BG	-
67	V	-
68	P	-
69	L	-
70	G	-
71	B	- [Roadster models]
71	V	- [Coupe models]
72	GR	- [Roadster models]
72	V	- [Coupe models]
72	P	- [Roadster models]
73	L	- [Coupe models]
73	P	- [Roadster models]
74	P	-
75	B	-
76	B	- [Coupe models]
76	W	- [Roadster models]
77	W	-
92	LG	- [Roadster models]
92	SB	- [Coupe models]
93	V	- [Roadster models]
93	W	- [Coupe models]
94	G	- [Roadster models]
94	SHIELD	- [Coupe models]
95	GR	- [Coupe models]
95	LG	- [Roadster models]
97	LG	- [Coupe models]
97	Y	- [Roadster models]
98	W	- [Coupe models]
98	Y/B	- [Roadster models]
99	G	-
100	BR	- [Coupe models]
100	Y	- [Roadster models]

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[ROADSTER]

SRS AIR BAG CONTROL SYSTEM

Connector No.	B203
Connector Name	WIRE TO WIRE
Connector Type	TH04FW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
3	V	-
4	LG	-

Connector No.	B204
Connector Name	WIRE TO WIRE
Connector Type	TH04FW-NH



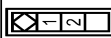
Terminal No.	Color Of Wire	Signal Name [Specification]
3	V	-
4	LG	-

Connector No.	B212
Connector Name	SIDE AIR BAG MODULE RH
Connector Type	TH02FY-EX-1V



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	-
2	Y	-

Connector No.	B213
Connector Name	SEAT BELT BUCKLE SWITCH (PASSENGER SIDE)
Connector Type	RO2FW



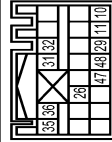
Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	- [For Mexico]
1	LG	- [Except for Mexico]
2	B	-

Connector No.	B214
Connector Name	SECURITY CLASSIFICATION SYSTEM CONTROL UNIT
Connector Type	TH08FW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
2	V	COMMUNICATION
4	R	IGN
5	B	GROUND

Connector No.	B215
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH23FY-1V-EX



Terminal No.	Color Of Wire	Signal Name [Specification]
10	Y	PRH (+)
11	Y	PRH (-)
26	V	ODS INPUT
29	LG	RH BUCKLE SW INPUT
31	Y	SRH (+)
32	Y	SRH (-)
35	Y	GRH (+)
36	Y/B	GRH (-)
47	B	SATELLITE RH (+) [Roadster models]
47	G	SATELLITE RH (+) [Coupe models]
48	R	SATELLITE RH (-) [Coupe models]
48	W	SATELLITE RH (-) [Roadster models]

Connector No.	B219
Connector Name	SEAT BELT PRE-TENSIONER RH
Connector Type	ACB02FY



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	-
2	Y	-

Connector No.	B220
Connector Name	SATELLITE SENSOR RH
Connector Type	TH02FY-1V-EX-LC



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	- [Roadster models]
1	G	- [Coupe models]
2	R	- [Coupe models]
2	W	- [Roadster models]

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[ROADSTER]

SRS AIR BAG CONTROL SYSTEM

Connector No.	B225
Connector Name	CURTAIN AIR BAG MODULE RH
Connector Type	ACB02FY



Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y	-
2	V/B	-

Connector No.	B227
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



Terminal No.	Color Of Wire	Signal Name (Specification)
75	LG	-
76	B	-
78	G	-
79	B	-
90	B	-
91	L	-
92	G	-
93	Y	-
94	SB	-
95	V	-
100	W	-

Connector No.	B507
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



Terminal No.	Color Of Wire	Signal Name (Specification)
75	L	-
76	B	-
78	LG	-
79	B	-
80	B	-
81	P	-
82	V	-
83	G	-
84	GR	-
85	V	-
100	BR	-

Connector No.	B515
Connector Name	SEAT BELT BUCKLE SWITCH (DRIVER SIDE)
Connector Type	T103FW



Terminal No.	Color Of Wire	Signal Name (Specification)
1	LVW	-
2	O	-

Connector No.	B557
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



Terminal No.	Color Of Wire	Signal Name (Specification)
75	LG	-
76	B	-
78	G	-
79	B	-
80	B	-
81	L	-
82	G	-
83	SB	-
84	V	-
85	V	-
100	W	-

Connector No.	B565
Connector Name	SEAT BELT BUCKLE SWITCH (PASSENGER SIDE)
Connector Type	T103FW



Terminal No.	Color Of Wire	Signal Name (Specification)
1	LVW	-
2	O	-

Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	T140FW-CS15



Terminal No.	Color Of Wire	Signal Name (Specification)
6	SHIELD	-
7	Y	-
8	Y	-
9	G	-
20	BG	-
21	P	- [With BSSE system]
22	V	- [Without BSSE system]
23	B	-
24	SB	- [Couple module]
25	V	- [Roadster module]
39	V	-
23	V/B	-
25	R	-
26	SHIELD	-
35	G	-
44	L	-
47	B	-
48	SB	-
49	W	-
50	LG	-
51	R	-
52	V	-
53	BG	-
54	GR	-
55	G	-

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DIAGNOSIS SENSOR UNIT

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[ROADSTER]

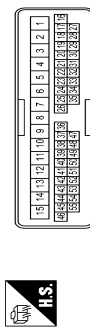
SRS AIR BAG CONTROL SYSTEM

Connector No.	D18
Connector Name	DOOR-MOUNTED CURTAIN AIR BAG MODULE LH
Connector Type	ACB02FY



Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y	-
2	Y/B	-

Connector No.	D31
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-C316-TM4



Terminal No.	Color Of Wire	Signal Name (Specification)
9	SHIELD	-
10	V	-
11	LG	-
12	P	- [Without BOSE system] - [With BOSE system]
13	L	- [Without BOSE system] - [With BOSE system]
14	B	-
15	W	-
19	Y	-
23	Y/B	-
25	R	-
26	SHIELD	-
25	G	-
44	L	-
60	Y	-
61	Y	-
62	G	-

53	BG	-
54	GR	-
55	L	-

Connector No.	D48
Connector Name	DOOR-MOUNTED CURTAIN AIR BAG MODULE RH
Connector Type	ACB02FY



Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y/B	-
2	Y/B	-

Connector No.	D49
Connector Name	FRONT DOOR SATELLITE SENSOR LH
Connector Type	HK02FY-1V-EK4C



Terminal No.	Color Of Wire	Signal Name (Specification)
1	R	-
2	G	-

Connector No.	D50
Connector Name	FRONT DOOR SATELLITE SENSOR RH
Connector Type	HK02FY-1V-EK4C



Terminal No.	Color Of Wire	Signal Name (Specification)
1	R	-
2	G	-

Connector No.	E36
Connector Name	CRASH-ZONE SENSOR
Connector Type	HK02FY-1V-EK4C



Terminal No.	Color Of Wire	Signal Name (Specification)
1	P	-
2	L	-

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-C316-TM4



Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	B	-
11	Y	-
13	R	-
14	L	-
14	GR	-
15	P	-
16	W	-
17	S8	-
20	LG	-
21	BR	- [Coupe models] - [Roadster models]
31	L	-
32	Y	-
36	V	-
37	Y	-
38	R	-
39	B	-
40	W	-
41	LG	-
42	S8	-
43	G	-
44	GR	- [Except for roadster models with W/T] - [Roadster models with W/T]
45	BG	-
46	W	-
47	P	-
58	SHIELD	-
59	L	-
70	W	-
80	V	-
81	P	-

DIAGNOSIS SENSOR UNIT

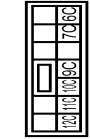
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[ROADSTER]

SRS AIR BAG CONTROL SYSTEM

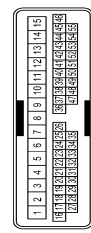
82	G	-	-
83	V	-	-
84	L	-	-
85	RG	-	-
86	LG	-	-
87	R	-	-
89	P	-	-
91	W	-	-
92	L	-	-
93	G	-	-
94	Y	-	-
96	Y	-	-
98	GR	-	-
99	LG	-	-
100	RG	-	-

Connector No.	M3
Connector Name	FUSE BLOCK (I/II)
Connector Type	MS12PV-CS



Terminal No.	Color Of Wire	Signal Name (Specification)
10C	L	-
11C	LG	-
12C	O	-
6C	R	-
7C	B	-
9C	O	- [Roadster models]
9C	R	- [Coupe models]

Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CS15



Terminal No.	Color Of Wire	Signal Name (Specification)
6	SHIELD	-
7	Y	-
8	Y	-
9	G	-
10	V	-
11	V	- [Without active noise control]
11	R	- [With active noise control]
12	BR	- [Without active noise control]
12	B	- [With active noise control]
13	B	-
14	Y	-
15	W	-
19	Y	-
23	Y/O	-
25	Y	-
26	SHIELD	-
35	BR	-
44	L	-
47	B	-
48	SB	-
49	Y	-
50	W	-
51	R	-
52	L	-
53	W	-
54	G	-
55	R	-

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS1F-TM4



Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	B	-
11	GR	-
12	R	-
13	G	-
14	G	-
15	P	-
16	W	-
17	GR	-
20	GR	-
21	R	-
31	BR	-
32	V	-
36	SB	-
37	Y	-
38	LG	-
39	SB	-
40	W	-
41	LG	-
42	R	-
43	G	-
44	G	- [With A/T]
44	R	- [With IM/T]
45	O	-
46	G	-
47	BR	-
58	SHIELD	-
59	L	-
70	R	-
80	LG	-
81	GR	-
82	V	-

83	V	-	-
84	L	-	-
85	BR	-	-
86	Y	-	-
87	G	-	-
89	P	-	-
91	W	-	-
92	P	-	-
93	P	-	-
94	Y	-	-
96	P	-	-
98	O	-	-
99	W	-	-
100	R	-	-

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS1F-TM4



Terminal No.	Color Of Wire	Signal Name (Specification)
1	BR	-
2	O	-
3	LG	-
4	O	-
6	V	-
7	LG	-
8	SR	-
9	GR	-
11	Y	-
12	V	-
13	BR	-
14	V	-
15	B	-
16	V	-
17	R	-
18	L	-
20	SB	-
21	G	-
22	GR	-
23	V	-

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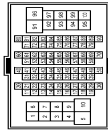
DIAGNOSIS SENSOR UNIT

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[ROADSTER]

SRS AIR BAG CONTROL SYSTEM

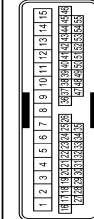
Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH40MM-CS15,TM4



Terminal No.	Color Of Wire	Signal Name (Specification)
2	LG	- (Couper models)
3	B	- (Roadster models)
4	W	- (Roadster models)
6	SHIELD	- (Couper models)
7	LG	- (Roadster models)
7	Y	- (Couper models)
8	BR	- (Roadster models)
8	Y	- (Couper models)
8	LG	- (Roadster models)
11	R	- (Roadster models)
12	G	- (Couper models)
22	B	- (Roadster models)
30	B	-
40	O	-
41	Y	-
42	G	-
43	L	-
44	SB	-
51	R	-
52	G	-
53	SHIELD	-
54	LG	-
55	V	-
56	SHIELD	-
57	G	- (Couper models)
57	P	- (Roadster models)
58	L	- (Roadster models)
58	R	- (Couper models)
59	B	-
60	W	-
61	GR	-
62	B	-
63	Y	-
64	L	-
65	G	-
66	O	-

67	V	-
68	P	-
69	L	-
70	L	-
71	B	-
72	B	-
73	B	-
74	B	-
75	B	-
76	B	-
77	B	-
92	G	- (Couper models)
92	LG	- (Roadster models)
93	R	- (Couper models)
93	V	- (Roadster models)
94	G	- (Roadster models)
94	SHIELD	- (Couper models)
95	LG	- (Roadster models)
95	SB	- (Couper models)
97	LG	- (Roadster models)
97	Y	- (Couper models)
98	V	- (Roadster models)
98	Y/B	- (Couper models)
99	LG	- (Roadster models)
100	BR	- (Couper models)
100	Y	- (Roadster models)

Connector No.	M124
Connector Name	WIRE TO WIRE
Connector Type	TH40MM-CS15



Terminal No.	Color Of Wire	Signal Name (Specification)
9	SHIELD	-
10	G	-
11	V	-
12	LG	- [Without active noise control unit]
12	Y	- [With active noise control unit]
13	BR	- [With active noise control]
13	V	- [Without active noise control]
14	B	-

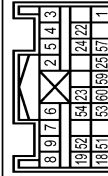
15	W	-
19	Y	-
23	Y/B	-
25	W	-
26	SHIELD	-
35	B	-
44	O	-
50	Y	-
51	Y	-
52	GR	-
53	W	-
54	G	-
55	R	-

Connector No.	M126
Connector Name	PASSENGER AIR BAG MODULE
Connector Type	TKDFFY-EX1V



Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y	-
2	Y	-

Connector No.	M147
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH28F-EX



Terminal No.	Color Of Wire	Signal Name (Specification)
1	LG	IGN
2	B	GND
3	Y	DR L (+)

4	Y	DR L (+) DR Z (-)
5	Y	DR Z (+)
6	Y	AS 1 (+)
7	Y	AS 1 (-)
8	Y	AS 2 (+)
9	Y	AS 2 (-)
18	R	ECZS (+)
19	L	ECZS (-)
22	SHIELD	GND
23	R	AIRBAG W/L
24	P	SEAT BELT
25	R	CUTOFF TELLTALE
51	W	SATELLITE RHZ (+)
52	B	SATELLITE RHZ (-)
53	Y	SATELLITE LHZ (+)
54	BR	SATELLITE LHZ (-)
57	O	DEPLOYMENT INFORMATION OUTPUT
59	L	CAN-H
60	P	CAN-L

Connector No.	M581
Connector Name	DRIVER AIR BAG MODULE
Connector Type	ACADZFOR



Terminal No.	Color Of Wire	Signal Name (Specification)
9	-	-
12	-	-

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[ROADSTER]

SRS AIR BAG CONTROL SYSTEM

Connector No.	M362
Connector Name	DRIVER AIR BAG MODULE
Connector Type	ACA02FV-ZV



Terminal No.	Color Of Wire	Signal Name (Specification)
11	-	-

JRHWC3740GB

SRS AIR BAG WARNING LAMP DOES NOT TURN OFF

< SYMPTOM DIAGNOSIS >

[ROADSTER]

SYMPTOM DIAGNOSIS

SRS AIR BAG WARNING LAMP DOES NOT TURN OFF

Diagnosis Procedure

INFOID:000000011740257

1. CHECK AIR BAG MODULE AND SEAT BELT PRE-TENSIONER

Check the deployment of air bag module and seat belt pre-tensioner.

Is air bag module deployed?

YES >> Replace the malfunctioning parts.

NO >> GO TO 2.

2. CHECK AIR BAG FUSE

Check 10 A fuse [No.2, located in fuse block (J/B)].

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace the fuse.

3. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace harness connectors.

4. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 5.

NO >> Replace wiring harness.

5. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).

2. Check air bag warning lamp operation.

Is the inspection result normal?

YES >> INSPECTION END

NO >> GO TO 6.

6. REPLACE COMBINATION METER

1. Replace combination meter. Refer to [MWI-103, "Removal and Installation"](#).

2. Check air bag warning lamp operation.

Is the inspection result normal?

YES >> INSPECTION END

NO >> GO TO 1.

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SRS AIR BAG WARNING LAMP DOES NOT TURN ON

< SYMPTOM DIAGNOSIS >

[ROADSTER]

SRS AIR BAG WARNING LAMP DOES NOT TURN ON

Diagnosis Procedure

INFOID:000000011740258

1. CHECK COMBINATION METER POWER SUPPLY AND GROUND CIRCUIT

Check combination meter unit power supply and ground circuit. Refer to [MWI-45, "COMBINATION METER : Diagnosis Procedure"](#).

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace the malfunctioning parts.

2. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace harness connectors.

3. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace wiring harness.

4. CHECK AIR BAG DIAGNOSIS SENSOR UNIT

Disconnect air bag diagnosis sensor unit connector and turn ignition switch ON.

Does air bag warning lamp turn ON?

YES >> Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Exploded View"](#).

NO >> Replace combination meter. Refer to [MWI-103, "Removal and Installation"](#).

PRECAUTION

PRECAUTIONS

Precautions for Removing Battery Terminal

INFOID:000000012103797

- When removing the 12V battery terminal, turn OFF the ignition switch and wait at least 30 seconds.

NOTE:

ECU may be active for several tens of seconds after the ignition switch is turned OFF. If the battery terminal is removed before ECU stops, then a DTC detection error or ECU data corruption may occur.

- For vehicles with the 2-batteries, be sure to connect the main battery and the sub battery before turning ON the ignition switch.

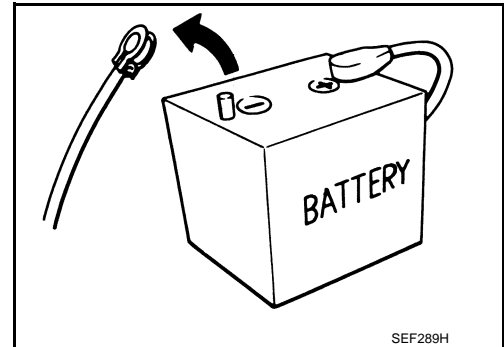
NOTE:

If the ignition switch is turned ON with any one of the terminals of main battery and sub battery disconnected, then DTC may be detected.

- After installing the 12V battery, always check "Self Diagnosis Result" of all ECUs and erase DTC.

NOTE:

The removal of 12V battery may cause a DTC detection error.



Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"

INFOID:000000011740259

The Supplemental Restraint System such as "AIR BAG" and "SEAT BELT PRE-TENSIONER", used along with a front seat belt, helps to reduce the risk or severity of injury to the driver and front passenger for certain types of collision. This system includes seat belt switch inputs and dual stage front air bag modules. The SRS system uses the seat belt switches to determine the front air bag deployment, and may only deploy one front air bag, depending on the severity of a collision and whether the front occupants are belted or unbelted. Information necessary to service the system safely is included in the "SRS AIR BAG" and "SEAT BELT" of this Service Manual.

WARNING:

Always observe the following items for preventing accidental activation.

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision that would result in air bag inflation, all maintenance must be performed by an authorized NISSAN/INFINITI dealer.
- Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see "SRS AIR BAG".
- Never use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.

PRECAUTIONS WHEN USING POWER TOOLS (AIR OR ELECTRIC) AND HAMMERS

WARNING:

Always observe the following items for preventing accidental activation.

- When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the ignition ON or engine running, never use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.
- When using air or electric power tools or hammers, always switch the ignition OFF, disconnect the battery, and wait at least 3 minutes before performing any service.

Service

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- Do not use electrical test equipment to check SRS circuits unless instructed to in this Service Manual.
- Before servicing the SRS, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more.

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PRECAUTIONS

[ROADSTER]

< PRECAUTION >

For approximately 3 minutes after the battery negative terminal is removed, it is still possible for the air bag and seat belt pre-tensioner to deploy. Therefore, do not work on any SRS connectors or wires until 3 minutes or more elapse.

- Diagnosis sensor unit must always be installed with their arrow marks “←” pointing towards the front of the vehicle for normal operation. Also check diagnosis sensor unit for cracks, deformities, or rust before installation and replace if necessary.
- The spiral cable must be aligned in the neutral position since its rotations are limited. Do not turn steering wheel and column after removal of steering gear.
- Handle air bag module carefully. Always place driver and front passenger air bag modules with the pad side facing upward and seat mounted front side air bag module standing with the stud bolt side facing down.
- Perform self-diagnosis to check entire SRS for normal function after replacing any components.
- After air bag inflates, the front instrument panel assembly must be replaced if damaged.
- Always replace instrument panel pad following front passenger air bag deployment.

Occupant Classification System Precaution

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Replace Occupant Classification System control unit and passenger front seat cushion as an assembly. Refer to [SE-84, "Removal and Installation"](#).

Precaution for Battery Service

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Before disconnecting the battery, lower both the driver and passenger windows. This will prevent any interference between the window edge and the vehicle when the door is opened/closed. During normal operation, the window slightly raises and lowers automatically to prevent any window to vehicle interference. The automatic window function will not work with the battery disconnected.