

SECTION **SRC**

SRS AIRBAG CONTROL SYSTEM

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DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

[COUPE]

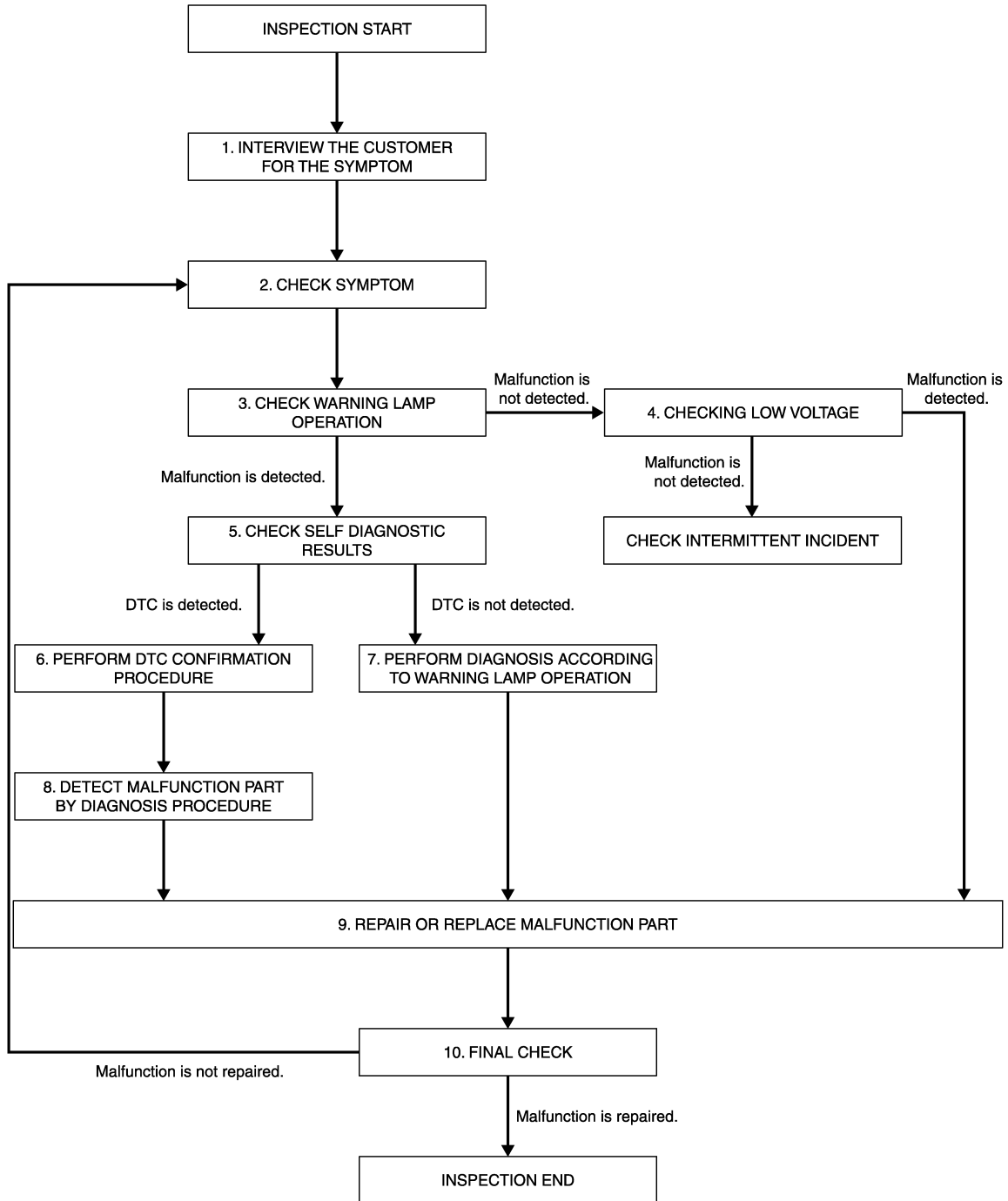
BASIC INSPECTION

DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

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OVERALL SEQUENCE



JMHIA1324GB

DETAILED FLOW

DIAGNOSIS AND REPAIR WORK FLOW

[COUPE]

< 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-19, "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-22, "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-19, "Diagnosis with Air Bag Warning Lamp"](#).
2. Perform Diagnosis Procedure for the air bag warning lamp operation. Refer to [SRC-19, "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]

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.

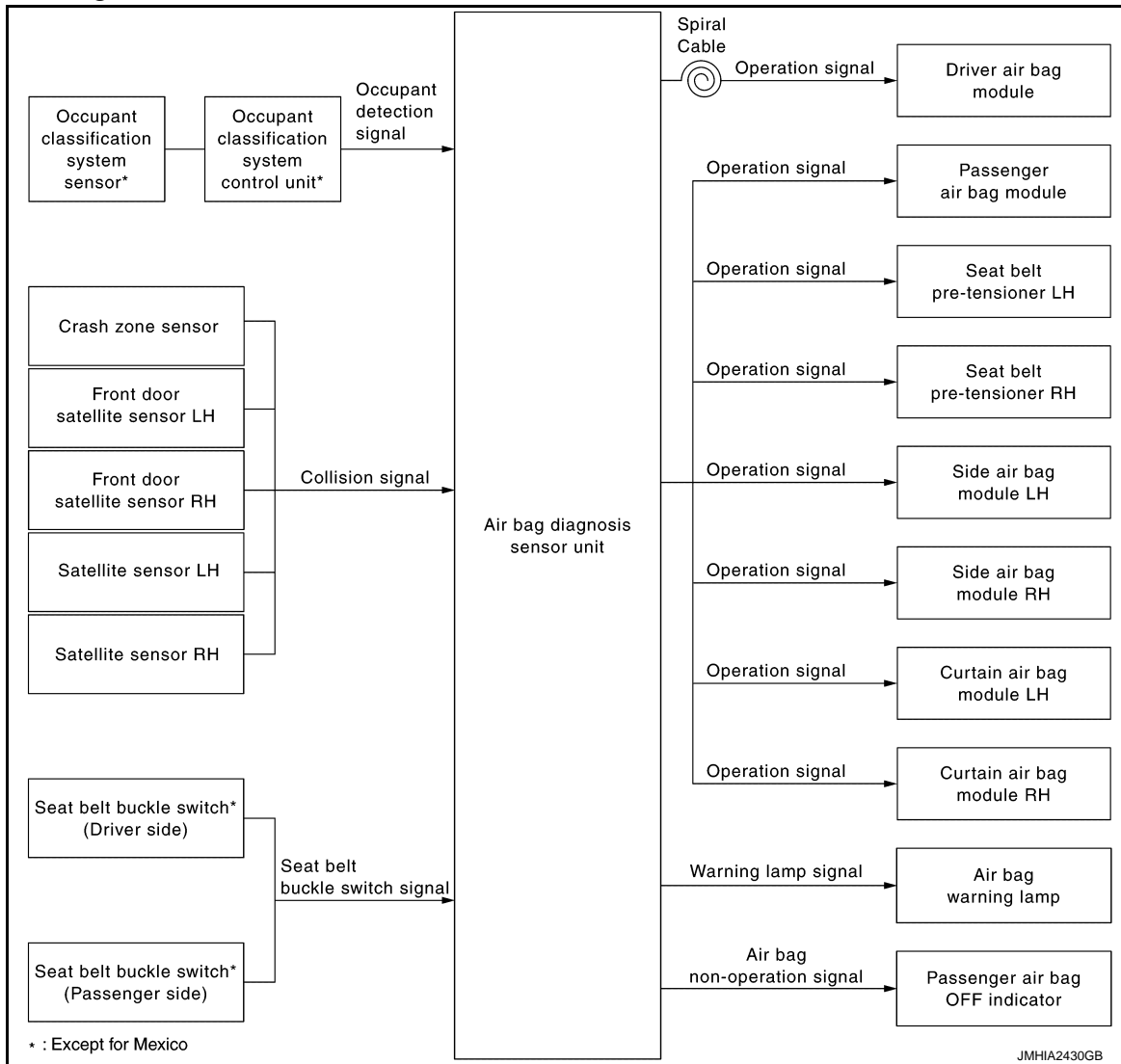
Is the malfunction repaired?

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

SYSTEM DESCRIPTION

SRS AIR BAG SYSTEM

System Diagram



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System Description

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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

[COUPE]

< 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 | — | — | — | — | — | × | — | × |

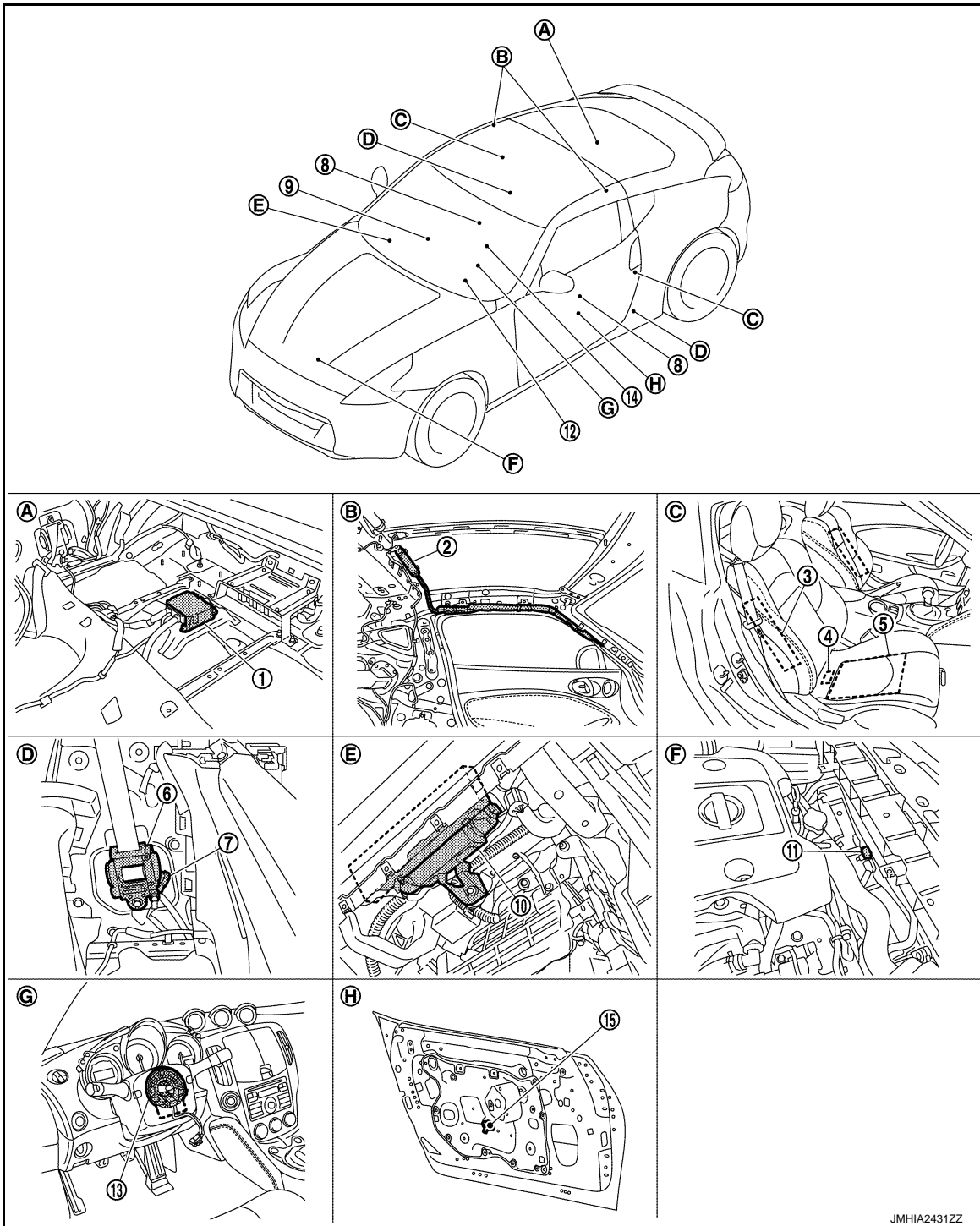
SRS AIR BAG SYSTEM

[COUPE]

< SYSTEM DESCRIPTION >

Component Parts Location

INFOID:000000009361757



- | | | |
|--|--|---------------------------------------|
| 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 | 14. Front door satellite sensor LH/RH |
| A. Behind seatback center finisher | B. Behind headlining | C. Passenger seat |

SRS AIR BAG SYSTEM

[COUPE]

< SYSTEM DESCRIPTION >

- 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:000000009361758

| 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. |

*:Except Mexico

OCCUPANT CLASSIFICATION SYSTEM (EXCEPT FOR MEXICO)

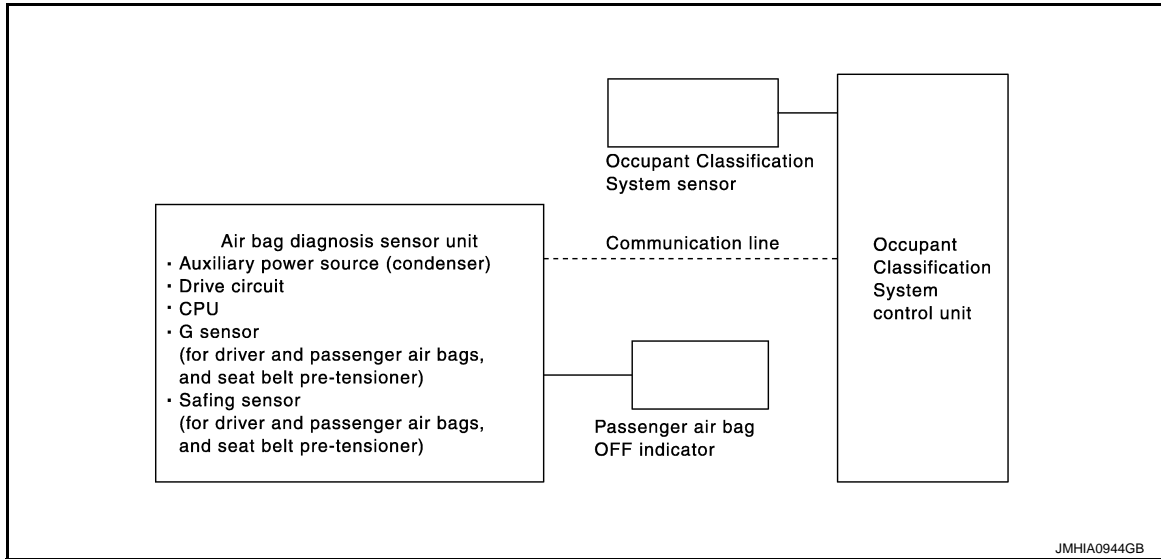
< SYSTEM DESCRIPTION >

[COUPE]

OCCUPANT CLASSIFICATION SYSTEM (EXCEPT FOR MEXICO)

System Diagram

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System Description

INFOID:000000009361760

Occupant Classification System has the following functions.

- Suppresses the deployment of front passenger air bag when front passenger seat is empty, or when occupied by child and child-seat.
- Turns on front 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 |

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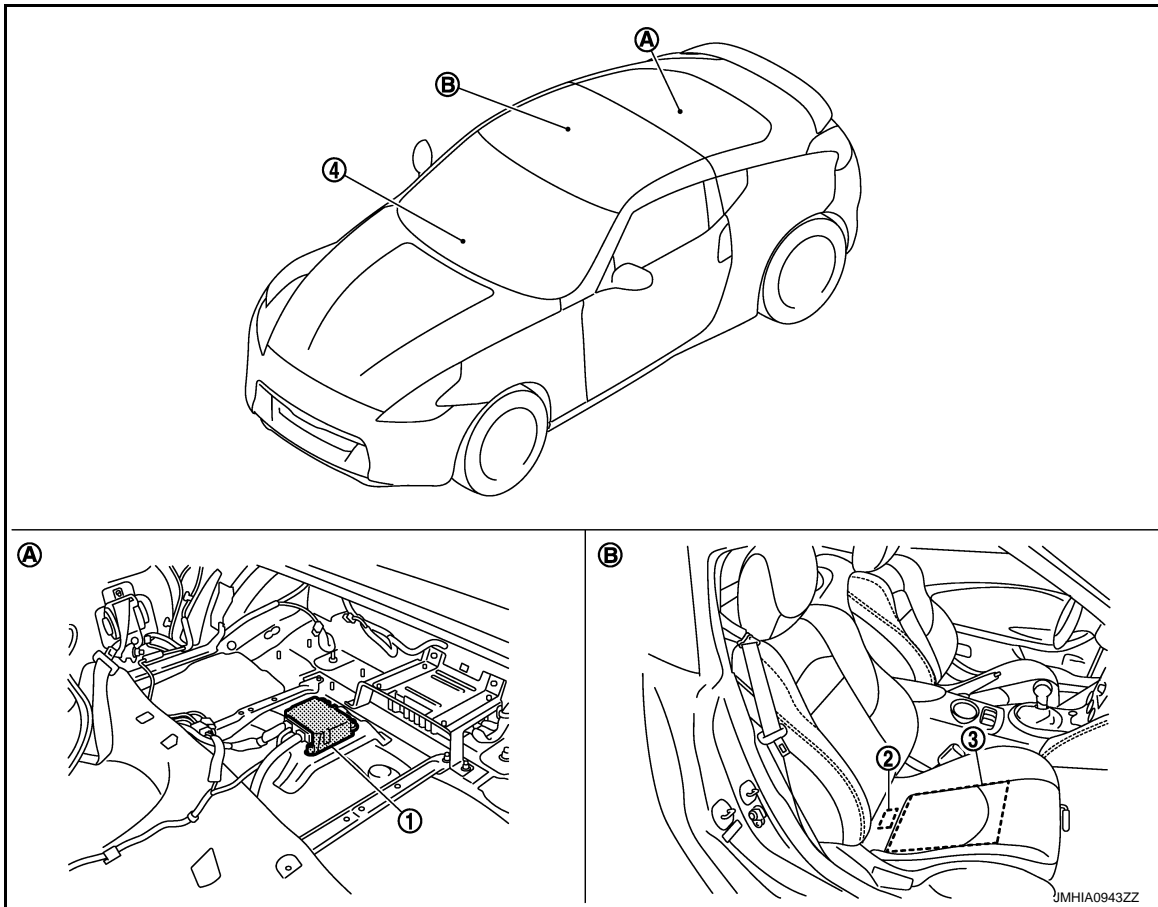
OCCUPANT CLASSIFICATION SYSTEM (EXCEPT FOR MEXICO)

< SYSTEM DESCRIPTION >

[COUPE]

Component Parts Location

INFOID:000000009361761



- | | | |
|------------------------------------|--|---|
| 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:000000009361762

| 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 |

DIAGNOSIS SYSTEM (AIR BAG)

Diagnosis Description

INFOID:000000009361763

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.
- The mode applications for the air bag warning lamp and CONSULT are as per the following items.

x: Application, —: Not application

| Diagnosis tool | User mode | Diagnosis mode |
|----------------------|-----------|----------------|
| Air bag warning lamp | x | x |
| CONSULT | — | x |

Diagnosis with Air Bag Warning Lamp

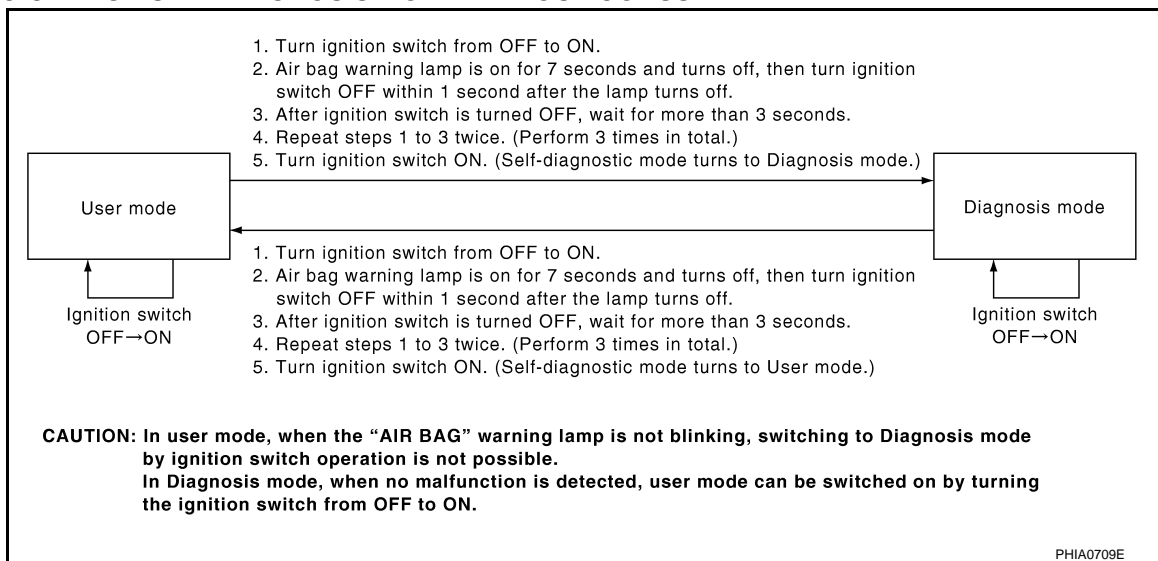
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SELF DIAGNOSIS FUNCTION

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

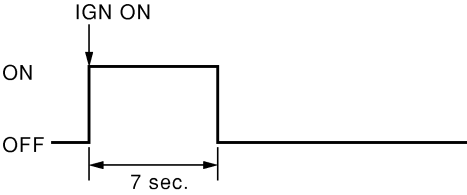
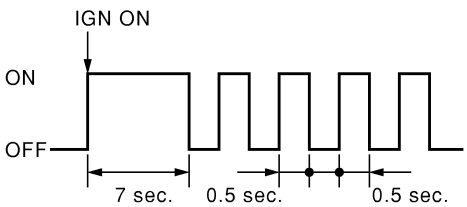
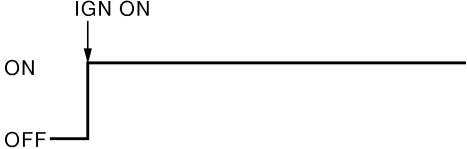

1. Turn the ignition switch from OFF to ON, and check that the air bag warning lamp blinks.
2. Compare the air bag warning lamp blinking pattern with the examples.

Air Bag Warning Lamp Examples

DIAGNOSIS SYSTEM (AIR BAG)

< SYSTEM DESCRIPTION >

[COUPE]

| Air bag warning lamp operation (user mode) | SRS condition | Reference item |
|---|---|---|
|  <p style="text-align: right;">SHIA0011E</p> | <ul style="list-style-type: none"> No malfunction is detected No further action is necessary | <p style="text-align: center;">—</p> |
|  <p style="text-align: right;">SHIA0012E</p> | <p>The system is malfunctioning</p> <p>Battery voltage is low (less than 9 V)</p> <p>Intermittent malfunction is detected in the past</p> | <p>Check "Self Diagnostic Result" with CONSULT Refer to SRC-22, "CONSULT Function"</p> <p>Check "Cause of Warning Lamp" with CONSULT. Refer to SRC-22, "CONSULT Function"</p> <p>Go to GI-45, "Intermittent Incident"</p> |
|  <p style="text-align: right;">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-145, "Diagnosis Procedure" or SRC-146, "Diagnosis Procedure"</p> <p>Go to SRC-184, "Diagnosis Procedure"</p> |
|  <p style="text-align: right;">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-185, "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 "HOW TO CHANGE SELF-DIAGNOSIS MODE WITHOUT CONSULT", 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.

DIAGNOSIS SYSTEM (AIR BAG)

[COUPE]

< 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 |
| 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 |
| 5 | Curtain air bag module RH |
| 6 | Curtain air bag module LH |
| 9 | Front door satellite sensor RH |
| 10 | Front door satellite sensor LH |

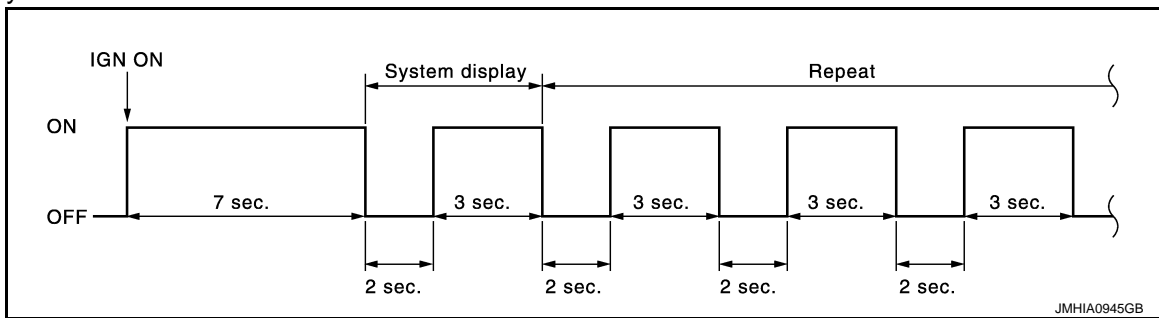
How to Erase Self Diagnosis Result

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

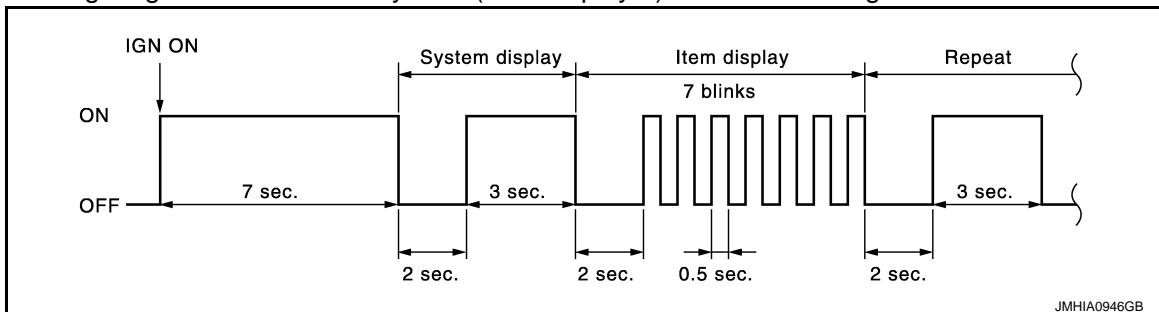
When system is normal.



Single System Malfunction

- Front air bag system

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

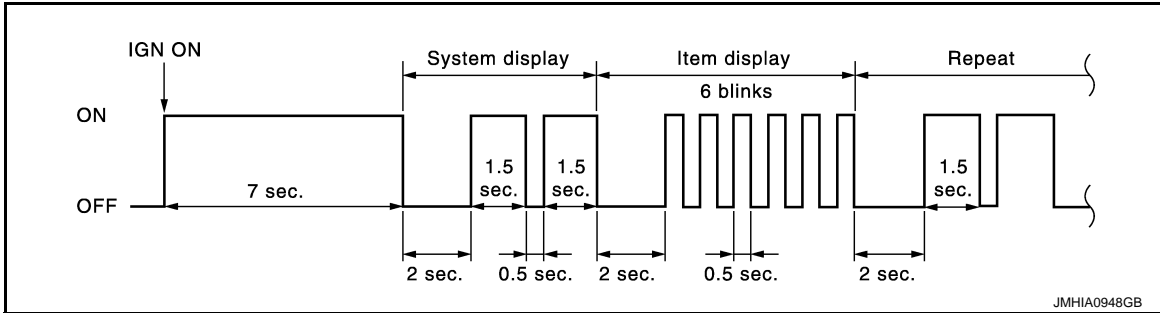


DIAGNOSIS SYSTEM (AIR BAG)

[COUPE]

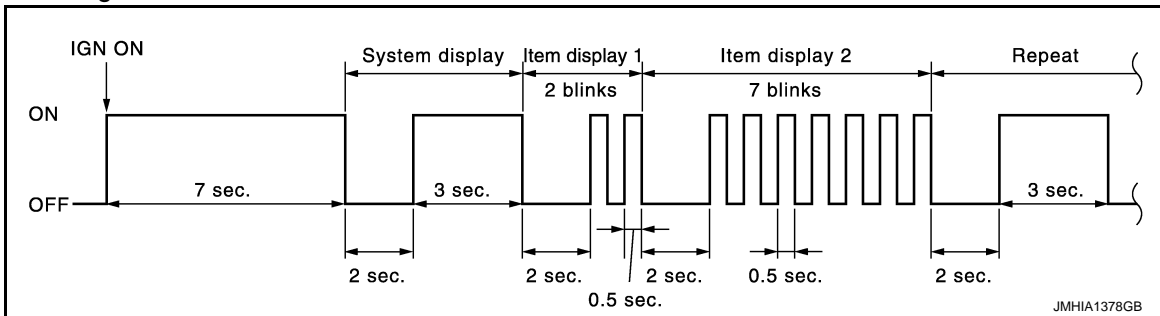
< SYSTEM DESCRIPTION >

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

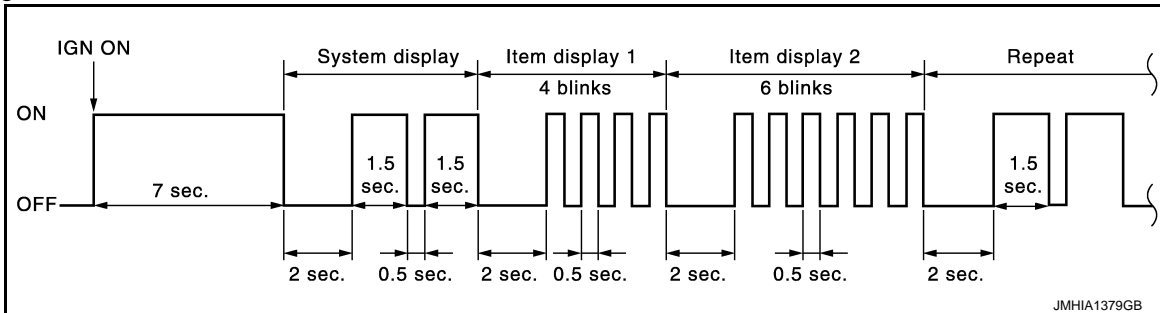


Multiple Systems Malfunction

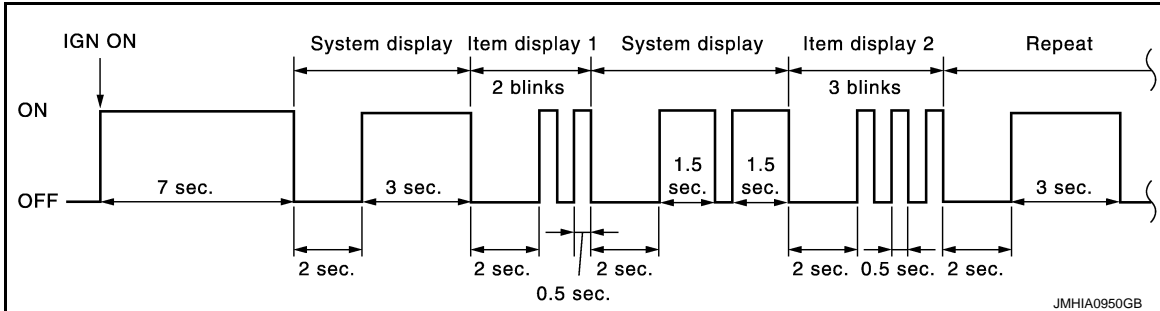
- Front air bag system
When driver air bag module (Item display 1) and air bag diagnosis sensor unit system (Item display 2) are malfunctioning.



- 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
When driver air bag module (Item display 1) and satellite sensor RH (Item display 2) are malfunctioning.



CONSULT Function

INFOID:000000009361765

APPLICATION ITEM

CONSULT performs the following functions.

DIAGNOSIS SYSTEM (AIR BAG)

< SYSTEM DESCRIPTION >

[COUPE]

| 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-170, "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 (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).

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]

DTC/CIRCUIT DIAGNOSIS

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

Description

INFOID:000000009361766

- 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:000000009361767

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-19, "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-24, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361768

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]

2. Perform DTC confirmation procedure. Refer to [SRC-24, "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]

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

Description

INFOID:000000009361769

- 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:000000009361770

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-19. "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-26. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361771

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-26. "DTC Logic"](#)

Is DTC detected?

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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

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

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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

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

Description

INFOID:000000009361772

- 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:000000009361773

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-19, "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:000000009361774

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-28, "DTC Logic"](#)

Is DTC detected?

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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

YES >> GO TO 1.

NO >> INSPECTION END

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B1017, B1020, B1021 OCCUPANT SYSTEM CONTROL UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1017, B1020, B1021 OCCUPANT SYSTEM CONTROL UNIT

Description

INFOID:000000009361775

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:000000009361776

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-19, "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-30, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361777

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 : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-30, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.

B1017, B1020, B1021 OCCUPANT SYSTEM CONTROL UNIT

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

4. REPLACE OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace passenger seat cushion assembly. Refer to [SE-89, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-30, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1018 OCCUPANT SYSTEM SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1018 OCCUPANT SYSTEM SENSOR

Description

INFOID:000000009361778

Occupant Classification System sensor detects occupant in passenger seat and transmits it to Occupant Classification System control unit.

DTC Logic

INFOID:000000009361779

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-19, "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-32, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361780

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 : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-32, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 4.

B1018 OCCUPANT SYSTEM SENSOR

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

4. REPLACE OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT AND SENSOR

1. Replace passenger seat cushion assembly. Refer to [SE-89, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-32, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1022 OCCUPANT SYSTEM CONTROL UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1022 OCCUPANT SYSTEM CONTROL UNIT

Description

INFOID:000000009361781

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:000000009361782

DTC DETECTION LOGIC

| DTC | Display contents of CONSULT | DTC detecting condition | Possible cause |
|-------|-------------------------------|---|---|
| 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 | <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-19, "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:000000009361783

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

Is DTC detected?

B1022 OCCUPANT SYSTEM CONTROL UNIT

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

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

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4.CHECK OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace passenger seat cushion assembly. Refer to [SE-89. "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-34. "DTC Logic"](#).

B

Is DTC detected?

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

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B1023 PASSENGER AIR BAG OFF INDICATOR

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

B1023 PASSENGER AIR BAG OFF INDICATOR

Description

INFOID:000000009361784

Illuminates passenger air bag OFF indicator when the passenger seat is empty or occupied by a child or a child-seat.

DTC Logic

INFOID:000000009361785

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-19, "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:000000009361786

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 [IP-13, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-36, "DTC Logic"](#).

Is DTC detected?

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

B1023 PASSENGER AIR BAG OFF INDICATOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

4. CHECK PASSENGER AIR BAG OFF INDICATOR

1. Replace passenger air bag OFF indicator. Refer to [IP-13, "Exploded View"](#)
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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B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR

Description

INFOID:000000009361787

Occupant Classification System sensor detects occupant in passenger seat and transmits it to Occupant Classification System control unit.

DTC Logic

INFOID:000000009361788

DTC DETECTION LOGIC

| DTC | Display contents of CONSULT | DTC detecting condition | Possible cause |
|-------------------------|-----------------------------|---|--|
| 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 | <ul style="list-style-type: none">• Disconnection of wiring harness• Internal breakdown 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-19. "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:000000009361789

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 : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-38. "DTC Logic"](#).

Is DTC detected?

B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

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

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4.CHECK OCCUPANT DETECTION SYSTEM CONTROL UNIT

1. Replace passenger seat cushion assembly. Refer to [SE-89. "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-38. "DTC Logic"](#).

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Is DTC detected?

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

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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

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

Description

INFOID:000000009361790

- 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:000000009361791

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-19, "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:000000009361792

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-40, "DTC Logic"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1033, B1034 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1033, B1034 CRASH ZONE SENSOR

Description

INFOID:000000009361793

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:000000009361794

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-19, "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:000000009361795

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-42, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE CRASH ZONE SENSOR

B1033, B1034 CRASH ZONE SENSOR

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

1. Replace crash zone sensor. Refer to [SR-25. "Exploded View"](#).
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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B1035, B1036 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1035, B1036 CRASH ZONE SENSOR

Description

INFOID:000000009361796

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:000000009361797

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-19, "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:000000009361798

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-44, "DTC Logic"](#).

Is DTC detected?

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

B1035, B1036 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

4. REPLACE CRASH ZONE SENSOR

1. Replace crash zone sensor. Refer to [SR-25, "Exploded View"](#).
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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B1037, B1038, B1039, B1040, B1041 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

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

Description

INFOID:000000009361799

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:000000009361800

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-19. "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-46. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361801

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-46. "DTC Logic"](#).

Is DTC detected?

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

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

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

A

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-29. "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-46. "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 >

[COUPE]

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

Description

INFOID:000000009361802

- 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:000000009361803

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-19, "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-48, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361804

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-48, "DTC Logic"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1049, B1054 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1049, B1054 DRIVER AIR BAG MODULE

Description

INFOID:000000009361805

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:000000009361806

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-19, "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-50, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361807

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 driver air bag module harness connector and combination switch (spiral cable) harness connector.

B1049, B1054 DRIVER AIR BAG MODULE

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

Except for Mexico

| 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 | |

For Mexico

| Driver air bag module | | Combination switch (spiral cable) | | Continuity |
|-----------------------|----------|-----------------------------------|----------|------------|
| Connector | Terminal | Connector | Terminal | |
| M302 | 10 | M35 | 28 | Existed |
| | 11 | | 30 | |

4. Check continuity between driver air bag module harness connector and ground.

Except for Mexico

| Driver side air bag module | | Ground | Continuity |
|----------------------------|----------|--------|-------------|
| Connector | Terminal | | |
| M302 | 10 | Ground | Not existed |
| | 11 | | |
| M301 | 12 | | |
| | 9 | | |

For Mexico

| Driver side air bag module | | Ground | Continuity |
|----------------------------|----------|--------|-------------|
| Connector | Terminal | | |
| M302 | 10 | Ground | 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-50, "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-50, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1050, B1055 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1050, B1055 DRIVER AIR BAG MODULE

Description

INFOID:000000009361808

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:000000009361809

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-19. "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-52. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361810

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 driver air bag module harness connector and combination switch (spiral cable) harness connector.

B1050, B1055 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

Except for Mexico

| 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 | |

For Mexico

| Driver air bag module | | Combination switch (spiral cable) | | Continuity |
|-----------------------|----------|-----------------------------------|----------|------------|
| Connector | Terminal | Connector | Terminal | |
| M302 | 10 | M35 | 28 | Existed |
| | 11 | | 30 | |

4. Check continuity between driver air bag module harness connector and ground.

Except for Mexico

| Driver side air bag module | | Ground | Continuity |
|----------------------------|----------|--------|-------------|
| Connector | Terminal | | |
| M302 | 10 | Ground | Not existed |
| | 11 | | |
| M301 | 12 | | |
| | 9 | | |

For Mexico

| Driver side air bag module | | Ground | Continuity |
|----------------------------|----------|--------|-------------|
| Connector | Terminal | | |
| M302 | 10 | Ground | 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-52, "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-52, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1051, B1056 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1051, B1056 DRIVER AIR BAG MODULE

Description

INFOID:000000009361811

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:000000009361812

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-19, "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-54, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361813

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 driver air bag module harness connector and combination switch (spiral cable) harness connector.

B1051, B1056 DRIVER AIR BAG MODULE

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

Except for Mexico

| 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 | |

For Mexico

| Driver air bag module | | Combination switch (spiral cable) | | Continuity |
|-----------------------|----------|-----------------------------------|----------|------------|
| Connector | Terminal | Connector | Terminal | |
| M302 | 10 | M35 | 28 | Existed |
| | 11 | | 30 | |

4. Check continuity between driver air bag module harness connector and ground.

Except for Mexico

| Driver side air bag module | | Ground | Continuity |
|----------------------------|----------|--------|-------------|
| Connector | Terminal | | |
| M302 | 10 | Ground | Not existed |
| | 11 | | |
| M301 | 12 | | |
| | 9 | | |

For Mexico

| Driver side air bag module | | Ground | Continuity |
|----------------------------|----------|--------|-------------|
| Connector | Terminal | | |
| M302 | 10 | Ground | 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-54, "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-54, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1052, B1057 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1052, B1057 DRIVER AIR BAG MODULE

Description

INFOID:000000009361814

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:000000009361815

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-19, "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-56, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361816

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 driver air bag module harness connector and combination switch (spiral cable) harness connector.

B1052, B1057 DRIVER AIR BAG MODULE

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

Except for Mexico

| 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 | |

For Mexico

| Driver air bag module | | Combination switch (spiral cable) | | Continuity |
|-----------------------|----------|-----------------------------------|----------|------------|
| Connector | Terminal | Connector | Terminal | |
| M302 | 10 | M35 | 28 | Existed |
| | 11 | | 30 | |

4. Check continuity between driver air bag module harness connector and ground.

Except for Mexico

| Driver side air bag module | | Ground | Continuity |
|----------------------------|----------|--------|-------------|
| Connector | Terminal | | |
| M302 | 10 | Ground | Not existed |
| | 11 | | |
| M301 | 12 | | |
| | 9 | | |

For Mexico

| Driver side air bag module | | Ground | Continuity |
|----------------------------|----------|--------|-------------|
| Connector | Terminal | | |
| M302 | 10 | Ground | 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-56, "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-56, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

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

Description

INFOID:000000009361817

- 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:000000009361818

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-19, "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-58, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361819

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-58, "DTC Logic"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1065, B1070 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1065, B1070 PASSENGER AIR BAG MODULE

Description

INFOID:000000009361820

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:000000009361821

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-19. "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:000000009361822

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-60. "DTC Logic"](#).

Is DTC detected?

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

B1065, B1070 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

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-60, "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]

B1066, B1071 PASSENGER AIR BAG MODULE

Description

INFOID:000000009361823

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:000000009361824

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-19. "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:000000009361825

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-62. "DTC Logic"](#).

Is DTC detected?

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

B1066, B1071 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

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-62, "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]

B1067, B1072 PASSENGER AIR BAG MODULE

Description

INFOID:000000009361826

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:000000009361827

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-19. "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:000000009361828

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-64. "DTC Logic"](#).

Is DTC detected?

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

B1067, B1072 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

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-64, "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]

B1068, B1073 PASSENGER AIR BAG MODULE

Description

INFOID:000000009361829

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:000000009361830

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-19. "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:000000009361831

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-66. "DTC Logic"](#).

Is DTC detected?

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

B1068, B1073 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

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-66, "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]

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

Description

INFOID:000000009361832

- 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:000000009361833

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-19, "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:000000009361834

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-68, "DTC Logic"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1080, B1096 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1080, B1096 DRIVER AIR BAG MODULE

Description

INFOID:000000009361835

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:000000009361836

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-19. "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:000000009361837

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

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

Except for Mexico

| 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 | |

For Mexico

| Driver air bag module | | Combination switch (spiral cable) | | Continuity |
|-----------------------|----------|-----------------------------------|----------|------------|
| Connector | Terminal | Connector | Terminal | |
| M302 | 10 | M35 | 28 | Existed |
| | 11 | | 30 | |

4. Check continuity between driver air bag module harness connector and ground.

Except for Mexico

| Driver side air bag module | | Ground | Continuity |
|----------------------------|----------|--------|-------------|
| Connector | Terminal | | |
| M302 | 10 | Ground | Not existed |
| | 11 | | |
| M301 | 12 | | |
| | 9 | | |

For Mexico

| Driver side air bag module | | Ground | Continuity |
|----------------------------|----------|--------|-------------|
| Connector | Terminal | | |
| M302 | 10 | Ground | 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-70, "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-70, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1081 SEAT BELT PRE-TENSIONER RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

B1081 SEAT BELT PRE-TENSIONER RH

Description

INFOID:000000009361838

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:000000009361839

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-19. "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:000000009361840

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-72. "DTC Logic"](#).

Is DTC detected?

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

B1081 SEAT BELT PRE-TENSIONER RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

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-72, "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]

B1082 SEAT BELT PRE-TENSIONER RH

Description

INFOID:000000009361841

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:000000009361842

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-19. "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-74. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361843

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-74. "DTC Logic"](#).

Is DTC detected?

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

B1082 SEAT BELT PRE-TENSIONER RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

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-74, "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 >

[COUPE]

B1083 SEAT BELT PRE-TENSIONER RH

Description

INFOID:000000009361844

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:000000009361845

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-19. "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-76. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361846

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-76. "DTC Logic"](#).

Is DTC detected?

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

B1083 SEAT BELT PRE-TENSIONER RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

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-76, "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 >

[COUPE]

B1084 SEAT BELT PRE-TENSIONER RH

Description

INFOID:000000009361847

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:000000009361848

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-19. "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-78. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361849

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-78. "DTC Logic"](#).

Is DTC detected?

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

B1084 SEAT BELT PRE-TENSIONER RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

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-78, "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]

B1086 SEAT BELT PRE-TENSIONER LH

Description

INFOID:000000009361850

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:000000009361851

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-19. "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-80. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361852

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-80. "DTC Logic"](#).

Is DTC detected?

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

B1086 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

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-80, "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]

B1087 SEAT BELT PRE-TENSIONER LH

Description

INFOID:000000009361853

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:000000009361854

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-19. "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-82. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361855

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-82. "DTC Logic"](#).

Is DTC detected?

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

B1087 SEAT BELT PRE-TENSIONER LH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

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-82, "DTC Logic"](#).

Is DTC detected?

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

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B1088 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1088 SEAT BELT PRE-TENSIONER LH

Description

INFOID:000000009361856

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:000000009361857

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-19. "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-84. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361858

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-84. "DTC Logic"](#).

Is DTC detected?

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

B1088 SEAT BELT PRE-TENSIONER LH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

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-84, "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]

B1089 SEAT BELT PRE-TENSIONER LH

Description

INFOID:000000009361859

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:000000009361860

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-19. "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-86. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361861

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-86. "DTC Logic"](#).

Is DTC detected?

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

B1089 SEAT BELT PRE-TENSIONER LH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

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-86, "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]

B1090, B1091, B1092, B1093, B1094, B1095 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000009361862

- 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:000000009361863

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-19, "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-88, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361864

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-88, "DTC Logic"](#).

B1090, B1091, B1092, B1093, B1094, B1095 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

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]

B1106, B1107, B1108, B1109, B1110, B1111 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000009361865

- 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:000000009361866

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-19, "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-90, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361867

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-90, "DTC Logic"](#).

B1106, B1107, B1108, B1109, B1110, B1111 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1113, B1114 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1113, B1114 SATELLITE SENSOR RH

Description

INFOID:000000009361868

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:000000009361869

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-19, "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-92, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361870

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-92, "DTC Logic"](#).

Is DTC detected?

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

B1113, B1114 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to [SR-27, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-92, "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]

B1115, B1116 SATELLITE SENSOR RH

Description

INFOID:000000009361871

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:000000009361872

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-19. "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-94. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361873

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-94. "DTC Logic"](#).

Is DTC detected?

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

B1115, B1116 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to [SR-27, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-94, "DTC Logic"](#).

Is DTC detected?

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

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SRC

B1118, B1119 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1118, B1119 SATELLITE SENSOR LH

Description

INFOID:000000009361874

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:000000009361875

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-19. "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-96. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361876

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-96. "DTC Logic"](#).

Is DTC detected?

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

B1118, B1119 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to [SR-27, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-96, "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]

B1120, B1121 SATELLITE SENSOR LH

Description

INFOID:000000009361877

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:000000009361878

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-19, "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-98, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361879

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-98, "DTC Logic"](#).

Is DTC detected?

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

B1120, B1121 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to [SR-27, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-98, "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]

B1122, B1123, B1124, B1125, B1126, B1127 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000009361880

- 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:000000009361881

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-19, "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-100, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361882

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-100, "DTC Logic"](#).

B1122, B1123, B1124, B1125, B1126, B1127 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1129 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1129 SIDE AIR BAG MODULE RH

Description

INFOID:000000009361883

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:000000009361884

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-19, "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-102, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361885

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-102, "DTC Logic"](#).

Is DTC detected?

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

B1129 SIDE AIR BAG MODULE RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SE-85, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-102, "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]

B1130 SIDE AIR BAG MODULE RH

Description

INFOID:000000009361886

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:000000009361887

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-19, "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-104, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361888

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-104, "DTC Logic"](#).

Is DTC detected?

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

B1130 SIDE AIR BAG MODULE RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SE-85, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-104, "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]

B1131 SIDE AIR BAG MODULE RH

Description

INFOID:000000009361889

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:000000009361890

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-19. "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-106. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361891

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-106. "DTC Logic"](#).

Is DTC detected?

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

B1131 SIDE AIR BAG MODULE RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SE-85, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-106, "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]

B1132 SIDE AIR BAG MODULE RH

Description

INFOID:000000009361892

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:000000009361893

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-19, "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-108, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361894

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-108, "DTC Logic"](#).

Is DTC detected?

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

B1132 SIDE AIR BAG MODULE RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SE-85, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-108, "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 >

[COUPE]

B1134 SIDE AIR BAG MODULE LH

Description

INFOID:000000009361895

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:000000009361896

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-19, "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-110, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361897

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-110, "DTC Logic"](#).

Is DTC detected?

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

B1134 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-85, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-110, "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]

B1135 SIDE AIR BAG MODULE LH

Description

INFOID:000000009361898

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:000000009361899

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-19. "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:000000009361900

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-112. "DTC Logic"](#).

Is DTC detected?

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

B1135 SIDE AIR BAG MODULE LH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-85, "Exploded View"](#).
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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B1136 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1136 SIDE AIR BAG MODULE LH

Description

INFOID:000000009361901

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:000000009361902

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-19, "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:000000009361903

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-114, "DTC Logic"](#).

Is DTC detected?

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

B1136 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-85, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-114, "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]

B1137 SIDE AIR BAG MODULE LH

Description

INFOID:000000009361904

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:000000009361905

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-19. "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:000000009361906

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-116. "DTC Logic"](#).

Is DTC detected?

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

B1137 SIDE AIR BAG MODULE LH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-85, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-116, "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 >

[COUPE]

B1138, B1139, B1140, B1141, B1142, B1143 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000009361907

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:000000009361908

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-19, "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:000000009361909

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-118, "DTC Logic"](#).

Is DTC detected?

B1138, B1139, B1140, B1141, B1142, B1143 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

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

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B1144 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1144 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000009361910

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:000000009361911

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-19, "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:000000009361912

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-120, "DTC Logic"](#).

Is DTC detected?

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

B1145 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1145 CURTAIN AIR BAG MODULE RH

Description

INFOID:000000009361913

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:000000009361914

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

- 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-19, "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-121, "Diagnosis Procedure"](#).
 NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361915

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-121, "DTC Logic"](#).

Is DTC detected?

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

B1145 CURTAIN AIR BAG MODULE RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module RH. Refer to [SE-85, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-121, "DTC Logic"](#).

Is DTC detected?

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

B1146 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1146 CURTAIN AIR BAG MODULE RH

Description

INFOID:000000009361916

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:000000009361917

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-19, "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-123, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361918

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-123, "DTC Logic"](#).

Is DTC detected?

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

B1146 CURTAIN AIR BAG MODULE RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module RH. Refer to [SE-85, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-123, "DTC Logic"](#).

Is DTC detected?

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

B1147 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1147 CURTAIN AIR BAG MODULE RH

Description

INFOID:000000009361919

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:000000009361920

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-19, "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-125, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361921

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-125, "DTC Logic"](#).

Is DTC detected?

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

B1147 CURTAIN AIR BAG MODULE RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module RH. Refer to [SE-85, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-125, "DTC Logic"](#).

Is DTC detected?

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

B1148 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1148 CURTAIN AIR BAG MODULE RH

Description

INFOID:000000009361922

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:000000009361923

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-19, "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-127, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361924

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-127, "DTC Logic"](#).

Is DTC detected?

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

B1148 CURTAIN AIR BAG MODULE RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module RH. Refer to [SE-85, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-127, "DTC Logic"](#).

Is DTC detected?

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

B1150 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1150 CURTAIN AIR BAG MODULE LH

Description

INFOID:000000009361925

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:000000009361926

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-19, "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-129, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361927

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-129, "DTC Logic"](#).

Is DTC detected?

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

B1150 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module LH. Refer to [SE-85, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-129, "DTC Logic"](#).

Is DTC detected?

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

B1151 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1151 CURTAIN AIR BAG MODULE LH

Description

INFOID:000000009361928

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:000000009361929

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-19, "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-131, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361930

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-131, "DTC Logic"](#).

Is DTC detected?

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

B1151 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module LH. Refer to [SE-85, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-131, "DTC Logic"](#).

Is DTC detected?

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

B1152 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1152 CURTAIN AIR BAG MODULE LH

Description

INFOID:000000009361931

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:000000009361932

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-19, "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-133, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361933

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-133, "DTC Logic"](#).

Is DTC detected?

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

B1152 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module LH. Refer to [SE-85, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-133, "DTC Logic"](#).

Is DTC detected?

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

B1153 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1153 CURTAIN AIR BAG MODULE LH

Description

INFOID:000000009361934

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:000000009361935

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 shortMalfunction in curtain air bag module LHMalfunction 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-19, "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-135, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361936

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-135, "DTC Logic"](#).

Is DTC detected?

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

B1153 CURTAIN AIR BAG MODULE LH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module LH. Refer to [SE-85, "Exploded View"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-135, "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]

B1154, B1155, B1156, B1157, B1158, B1159 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000009361937

- 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:000000009361938

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-19, "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-137, "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361939

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-137, "DTC Logic"](#).

B1154, B1155, B1156, B1157, B1158, B1159 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1170, B1171, B1172, B1173, B1174, B1175 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1170, B1171, B1172, B1173, B1174, B1175 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000009361940

- 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:000000009361941

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-19, "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-139, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361942

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-139, "DTC Logic"](#).

B1170, B1171, B1172, B1173, B1174, B1175 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1186, B1187, B1188, B1189, B1190, B1191 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1186, B1187, B1188, B1189, B1190, B1191 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000009361943

- 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:000000009361944

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-19, "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-141, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361945

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-141, "DTC Logic"](#).

B1186, B1187, B1188, B1189, B1190, B1191 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1202, B1203, B1204, B1205, B1206, B1207 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1202, B1203, B1204, B1205, B1206, B1207 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000009361946

- 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:000000009361947

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-19, "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-143, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361948

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-143, "DTC Logic"](#).

B1202, B1203, B1204, B1205, B1206, B1207 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1209 FRONTAL COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1209 FRONTAL COLLISION DETECTION

Description

INFOID:000000009361949

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:000000009361950

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-19, "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-145, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361951

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-170, "DTC Index"](#).

B1210 SIDE COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1210 SIDE COLLISION DETECTION

Description

INFOID:000000009361952

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:000000009361953

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-19. "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:000000009361954

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-170. "DTC Index"](#).

B1211 ROLLOVER DETECTION

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

B1211 ROLLOVER DETECTION

Description

INFOID:000000009361955

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:000000009361956

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-19, "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-147, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361957

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-170, "DTC Index"](#).

B1212, B1213, B1214 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1212, B1213, B1214 SATELLITE SENSOR RH

Description

INFOID:000000009361958

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:000000009361959

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-19, "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:000000009361960

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-148, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE SATELLITE SENSOR

B1212, B1213, B1214 SATELLITE SENSOR RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

1. Replace satellite sensor RH. Refer to [SR-27, "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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B1215, B1216, B1217 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1215, B1216, B1217 SATELLITE SENSOR LH

Description

INFOID:000000009361961

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:000000009361962

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-19, "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:000000009361963

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

4. REPLACE SATELLITE SENSOR

B1215, B1216, B1217 SATELLITE SENSOR LH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

1. Replace satellite sensor LH. Refer to [SR-27, "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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B1218, B1219, B1220, B1221, B1222, B1223 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1218, B1219, B1220, B1221, B1222, B1223 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000009361964

- 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:000000009361965

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-19, "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:000000009361966

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-152, "DTC Logic"](#).

B1218, B1219, B1220, B1221, B1222, B1223 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

A

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B1234, B1235, B1236, B1237, B1238, B1239 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1234, B1235, B1236, B1237, B1238, B1239 DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000009361967

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-19, "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:000000009361968

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 : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-154, "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]

B1250, B1251, B1252, B1253, B1254, B1255 DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000009361969

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-19, "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-155, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361970

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 : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-155, "DTC Logic"](#).

Is DTC detected?

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

B1266, B1267, B1268, B1269 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1266, B1267, B1268, B1269 DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000009361971

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-19, "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:000000009361972

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 : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-156, "DTC Logic"](#).

Is DTC detected?

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

B1282, B1283, B1284, B1285 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1282, B1283, B1284, B1285 DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000009361973

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-19, "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-157, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361974

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 : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-157, "DTC Logic"](#).

Is DTC detected?

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

B1336, B1337 SATELLITE SENSOR RH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

B1336, B1337 SATELLITE SENSOR RH

Description

INFOID:000000009361975

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:000000009361976

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-158, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361977

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-158, "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]

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Removal and Installation"](#).
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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B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

Description

INFOID:000000009361978

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:000000009361979

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-19, "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:000000009361980

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-160, "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]

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Removal and Installation"](#).
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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B1339 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1339 SATELLITE SENSOR RH

Description

INFOID:000000009361981

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:000000009361982

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-19, "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:000000009361983

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-162, "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-29, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-162, "DTC Logic"](#).

Is DTC detected?

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

B1343, B1344 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1343, B1344 SATELLITE SENSOR LH

Description

INFOID:000000009361984

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:000000009361985

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-19, "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-163, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361986

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-163, "DTC Logic"](#)

Is DTC detected?

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

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

B1343, B1344 SATELLITE SENSOR LH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-163, "DTC Logic"](#).

Is DTC detected?

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

B1345, B1347, B1348, B1349 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1345, B1347, B1348, B1349 SATELLITE SENSOR LH

Description

INFOID:000000009361987

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:000000009361988

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-19, "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-165, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361989

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-165, "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]

1. Replace air bag diagnosis sensor unit. Refer to [SR-29, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-165, "DTC Logic"](#).

Is DTC detected?

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

B1346 SATELLITE SENSOR LH

[COUPE]

< DTC/CIRCUIT DIAGNOSIS >

B1346 SATELLITE SENSOR LH

Description

INFOID:000000009361990

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:000000009361991

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-19, "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-167, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361992

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-167, "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-29, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-167, "DTC Logic"](#).

Is DTC detected?

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

B1350, B1351 SATELLITE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1350, B1351 SATELLITE SENSOR

Description

INFOID:000000009361993

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:000000009361994

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-19, "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:000000009361995

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-168, "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-29, "COUPE : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-168, "DTC Logic"](#).

Is DTC detected?

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

B1378, B1379, B1380, B1381 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[COUPE]

B1378, B1379, B1380, B1381 DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000009361996

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-19, "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-169, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009361997

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 : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-169, "DTC Logic"](#).

Is DTC detected?

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

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE]

ECU DIAGNOSIS INFORMATION

DIAGNOSIS SENSOR UNIT

DTC Index

INFOID:000000009361998

| DTC | Diagnostic item | Explanation | Reference page |
|-------------------------|--------------------------------------|---|--|
| — | NO DTC IS DETECTED. | When malfunction is indicated by the "AIR BAG" warning lamp in the user mode | SRC-30, "DTC Logic" . SRC-19, "Diagnosis with Air Bag Warning Lamp" , SRC-22, "CONSULT Function" . |
| | | No malfunction is detected | — |
| B1001-B1015 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | <ul style="list-style-type: none"> SRC-24, "DTC Logic". SRC-26, "DTC Logic". SRC-28, "DTC Logic". |
| B1017 B1020 B1021 | OCCUPANT SENS C/U [UNIT FAIL] | Malfunction occurs in Occupant Classification System control unit | SRC-30, "DTC Logic" . |
| B1018 | OCCUPANT SENS [UNIT FAIL] | Malfunction occurs in Occupant Classification System sensor | SRC-32, "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-34, "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-36, "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-38, "DTC Logic" . |
| B1026-B1031 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning or out of the specified specification | SRC-40, "DTC Logic" . |
| B1033 B1034 | CRASH ZONE SEN [UNIT FAIL] | Crash zone sensor is malfunctioning | SRC-42, "DTC Logic" . |
| B1035 | CRASH ZONE SEN [COMM FAIL] | Crash zone sensor is malfunctioning or out of the specified specification | SRC-44, "DTC Logic" . |
| B1036 | CRASH ZONE SEN [UNMATCH] | | |
| B1037 B1039 B1041 | CRASH ZONE SEN1 | Crash zone sensor is malfunctioning | SRC-46, "DTC Logic" . |
| B1038 | CRASH ZONE SEN [OPEN/UPR-VB-SHORT] | Crash zone sensor is malfunctioning | SRC-46, "DTC Logic" . |
| B1040 | CRASH ZONE SEN [SHORT/UPR-GND-SHORT] | Crash zone sensor is malfunctioning | SRC-46, "DTC Logic" . |
| B1042-B1047 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-48, "DTC Logic" . |
| B1049 B1054 | DRIVER AIRBAG MODULE [OPEN] | Driver air bag module circuit is open (including the spiral cable) | SRC-50, "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-52, "DTC Logic" . |

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE]

| DTC | Diagnostic item | Explanation | Reference page |
|----------------|-------------------------------------|---|--------------------------------------|
| B1051 B1056 | DRIVER AIRBAG MODULE [GND-SHORT] | Driver air bag module circuit is shorted to ground (including the spiral cable) | SRC-54, "DTC Logic" |
| B1052 B1057 | DRIVER AIRBAG MODULE [SHORT] | Driver air bag module circuits are shorted to each other (including spiral cable) | SRC-56, "DTC Logic" |
| B1058-B1063 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-58, "DTC Logic" |
| B1065 B1070 | ASSIST A/B MODULE [OPEN] | Passenger air bag module circuit is open | SRC-60, "DTC Logic" |
| B1066 B1071 | ASSIST A/B MODULE [VB-SHORT] | Passenger air bag module circuit is shorted to power supply circuit | SRC-62, "DTC Logic" |
| B1067 B1072 | ASSIST A/B MODULE [GND-SHORT] | Passenger air bag module circuit is shorted to ground | SRC-64, "DTC Logic" |
| B1068 B1073 | ASSIST A/B MODULE [SHORT] | Passenger air bag module circuits are shorted to each other | SRC-66, "DTC Logic" |
| B1074-B1079 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-68, "DTC Logic" |
| B1080 B1096 | DRIVER AIRBAG MODULE [SHORT] | Driver air bag module circuits are shorted to each other (including spiral cable) | SRC-70, "DTC Logic" |
| B1081 | PRE-TEN FRONT RH [OPEN] | Seat belt pre-tensioner RH circuit is open | SRC-72, "DTC Logic" |
| B1082 | PRE-TEN FRONT RH [VB-SHORT] | Seat belt pre-tensioner RH circuit is shorted to power supply circuit | SRC-74, "DTC Logic" |
| B1083 | PRE-TEN FRONT RH [GND-SHORT] | Seat belt pre-tensioner RH circuit is shorted to ground | SRC-76, "DTC Logic" |
| B1084 | PRE-TEN FRONT RH [SHORT] | Seat belt pre-tensioner RH circuits are shorted to each other | SRC-78, "DTC Logic" |
| B1086 | PRE-TEN FRONT LH [OPEN] | Seat belt pre-tensioner LH circuit is open | SRC-80, "DTC Logic" |
| B1087 | PRE-TEN FRONT LH [VB-SHORT] | Seat belt pre-tensioner LH circuit is shorted to power supply circuit | SRC-82, "DTC Logic" |
| B1088 | PRE-TEN FRONT LH [GND-SHORT] | Seat belt pre-tensioner LH circuit is shorted to ground | SRC-84, "DTC Logic" |
| B1089 | PRE-TEN FRONT LH [SHORT] | Seat belt pre-tensioner LH circuits are shorted to each other | SRC-86, "DTC Logic" |
| B1090-B1095 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-88, "DTC Logic" |
| B1106-B1111 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-90, "DTC Logic" |
| B1113 B1114 | SATELLITE SENS RH [UNIT FAIL] | Satellite sensor RH is malfunctioning | SRC-92, "DTC Logic" |
| B1115 | SATELLITE SENS RH [COMM FAIL] | Satellite sensor RH is malfunctioning or mis-installed | SRC-94, "DTC Logic" |
| B1116 | SATELLITE SENS RH [UNMATCH] | | |
| B1118 B1119 | SATELLITE SENS LH [UNIT FAIL] | Satellite sensor LH is malfunctioning | SRC-96, "DTC Logic" |
| B1120 | SATELLITE SENS LH [COMM FAIL] | Satellite sensor LH is malfunctioning or mis-installed | SRC-98, "DTC Logic" |
| B1121 | SATELLITE SENS LH [UNMATCH] | | |
| B1122-B1127 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-100, "DTC Logic" |

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SRC

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE]

| DTC | Diagnostic item | Explanation | Reference page |
|-------------|----------------------------------|--|--|
| B1129 | SIDE MODULE RH [OPEN] | Side air bag module RH circuit is open | SRC-102, "DTC Logic" . |
| B1130 | SIDE MODULE RH [VB-SHORT] | Side air bag module RH circuit is shorted to power supply circuit | SRC-104, "DTC Logic" . |
| B1131 | SIDE MODULE RH [GND-SHORT] | Side air bag module RH circuit is shorted to ground | SRC-106, "DTC Logic" . |
| B1132 | SIDE MODULE RH [SHORT] | Side air bag module RH circuits are shorted to each other | SRC-108, "DTC Logic" . |
| B1134 | SIDE MODULE LH [OPEN] | Side air bag module LH circuit is open | SRC-110, "DTC Logic" . |
| B1135 | SIDE MODULE LH [VB-SHORT] | Side air bag module LH circuit is shorted to power supply circuit | SRC-112, "DTC Logic" . |
| B1136 | SIDE MODULE LH [GND-SHORT] | Side air bag module LH circuit is shorted to ground | SRC-114, "DTC Logic" . |
| B1137 | SIDE MODULE LH [SHORT] | Side air bag module LH circuits are shorted to each other | SRC-116, "DTC Logic" . |
| B1138-B1143 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-118, "DTC Logic" |
| B1144 | CONTROL UNIT [MISS INSTALLATION] | Air bag diagnosis sensor unit is malfunctioning or out of the specified specification | SRC-120, "DTC Logic" . |
| B1145 | CURTAIN MODULE RH [OPEN] | Curtain air bag module RH circuit is open | SRC-121, "DTC Logic" . |
| B1146 | CURTAIN MODULE RH [VB-SHORT] | Curtain air bag module RH circuit is shorted to power supply circuit | SRC-123, "DTC Logic" . |
| B1147 | CURTAIN MODULE RH [GND-SHORT] | Curtain air bag module RH circuit is shorted to ground | SRC-125, "DTC Logic" . |
| B1148 | CURTAIN MODULE RH [SHORT] | Curtain air bag module RH circuits are shorted to each other | SRC-127, "DTC Logic" . |
| B1150 | CURTAIN MODULE LH [OPEN] | Curtain air bag module LH circuit is open | SRC-129, "DTC Logic" . |
| B1151 | CURTAIN MODULE LH [VB-SHORT] | Curtain air bag module LH circuit is shorted to power supply circuits | SRC-131, "DTC Logic" . |
| B1152 | CURTAIN MODULE LH [GND-SHORT] | Curtain air bag module LH circuit is shorted to ground | SRC-133, "DTC Logic" . |
| B1153 | CURTAIN MODULE LH [SHORT] | Curtain air bag module LH circuits are shorted to each other | SRC-135, "DTC Logic" . |
| B1154-B1159 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-137, "DTC Logic" . |
| B1170-B1175 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-139, "DTC Logic" . |
| B1186-B1191 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-141, "DTC Logic" . |
| B1202-B1207 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-143, "DTC Logic" . |
| B1209 | FRONTAL COLLISION DETECTION | Seat belt pre-tensioner, driver side air bag and passenger air bag are deployed | SRC-145, "DTC Logic" . |
| B1210 | SIDE COLLISION DETECTION | Side air bag and curtain air bag are deployed | SRC-146, "DTC Logic" . |
| B1211 | ROLLOVER DETECTION | Seat belt pre-tensioner side curtain air bag module are deployed because of rollover detection | SRC-147, "DTC Logic" . |
| B1212-B1214 | RH1 SAT-SENS | Satellite sensor RH is malfunctioning | SRC-148, "DTC Logic" . |

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE]

| DTC | Diagnostic item | Explanation | Reference page |
|----------------------------------|---|--|--------------------------------------|
| B1215-B1217 | LH1 SAT-SENS | Satellite sensor LH is malfunctioning | SRC-150, "DTC Logic" |
| B1218-B1223 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-152, "DTC Logic" |
| B1234-B1239 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-154, "DTC Logic" |
| B1250-B1255 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-155, "DTC Logic" |
| B1266-B1269 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-155, "DTC Logic" |
| B1282-B1285 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-155, "DTC Logic" |
| B1336 B1337 | FR-RH DOOR SATEL SENS [SENSOR MALFUNCTION] | Front door satellite sensor RH is malfunctioning | SRC-158, "DTC Logic" |
| B1338 B1340 B1341 B1342 | FR-RH DOOR SATEL SENS [COMM MALFUNCTION] | Front door satellite sensor RH is malfunctioning | SRC-160, "DTC Logic" |
| B1339 | FR-RH DOOR SATEL SENS [MIS-INSTALLATION] | Front door satellite sensor RH is out of the specified specification | SRC-162, "DTC Logic" |
| B1343 B1344 | FR-LH DOOR SATEL SENS [SENSOR MALFUNCTION] | Front door satellite sensor LH is malfunctioning | SRC-163, "DTC Logic" |
| B1345 B1347 B1348 B1349 | FR-LH DOOR SATEL SENS [COMM MALFUNCTION] | Front door satellite sensor LH is malfunctioning | SRC-165, "DTC Logic" |
| B1346 | FR-LH DOOR SATEL SENS [MIS-INSTALLATION] | Front door satellite sensor LH is out of the specified specification | SRC-167, "DTC Logic" |
| B1350 B1351 | FR DOOR SATEL SENS | Front door satellite sensor is malfunctioning | SRC-168, "DTC Logic" |
| B1378-B1381 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-169, "DTC Logic" |

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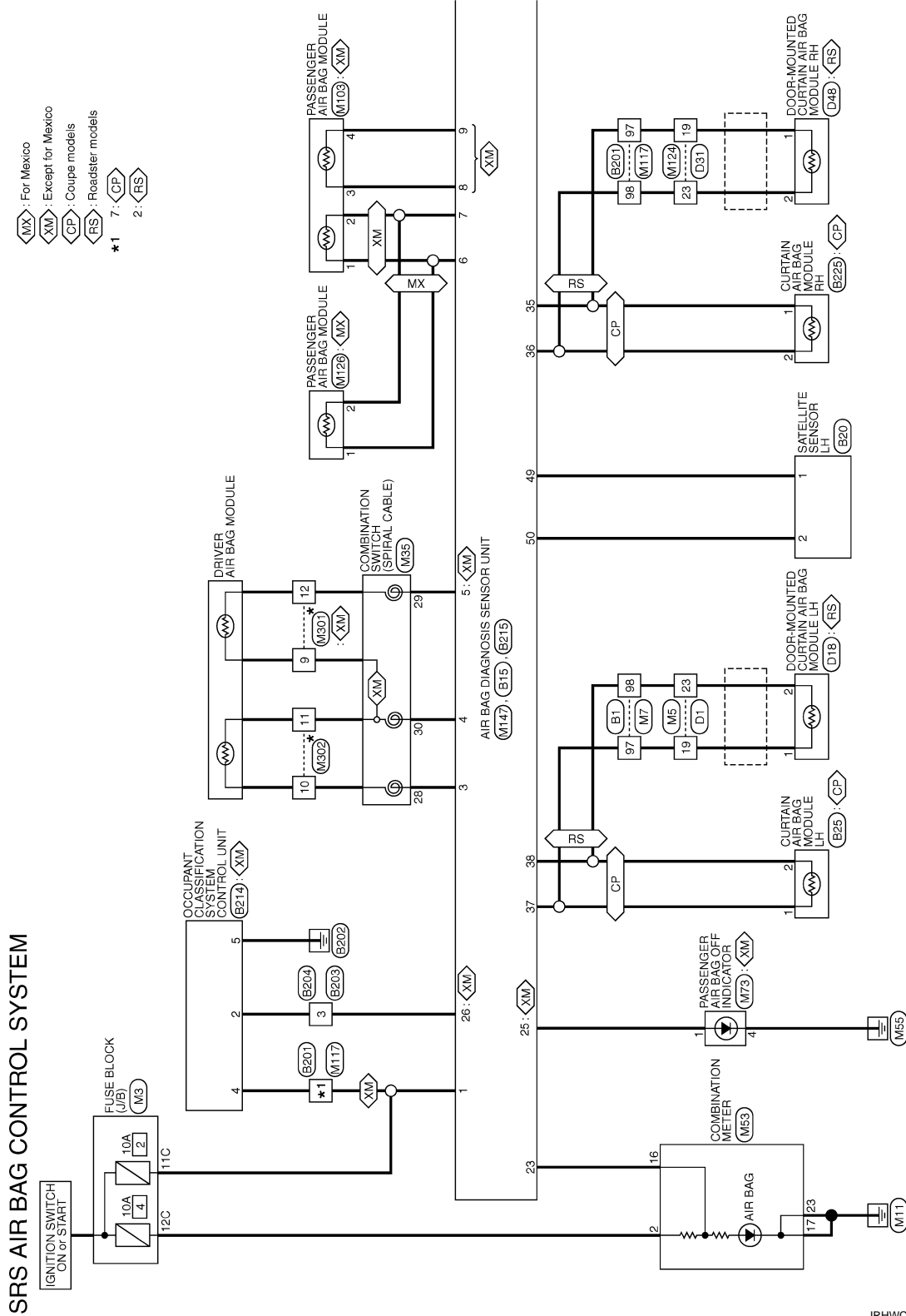
DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE]

Wiring Diagram - SRS AIR BAG CONTROL SYSTEM -

INFOID:00000009361999



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

2012/04/18

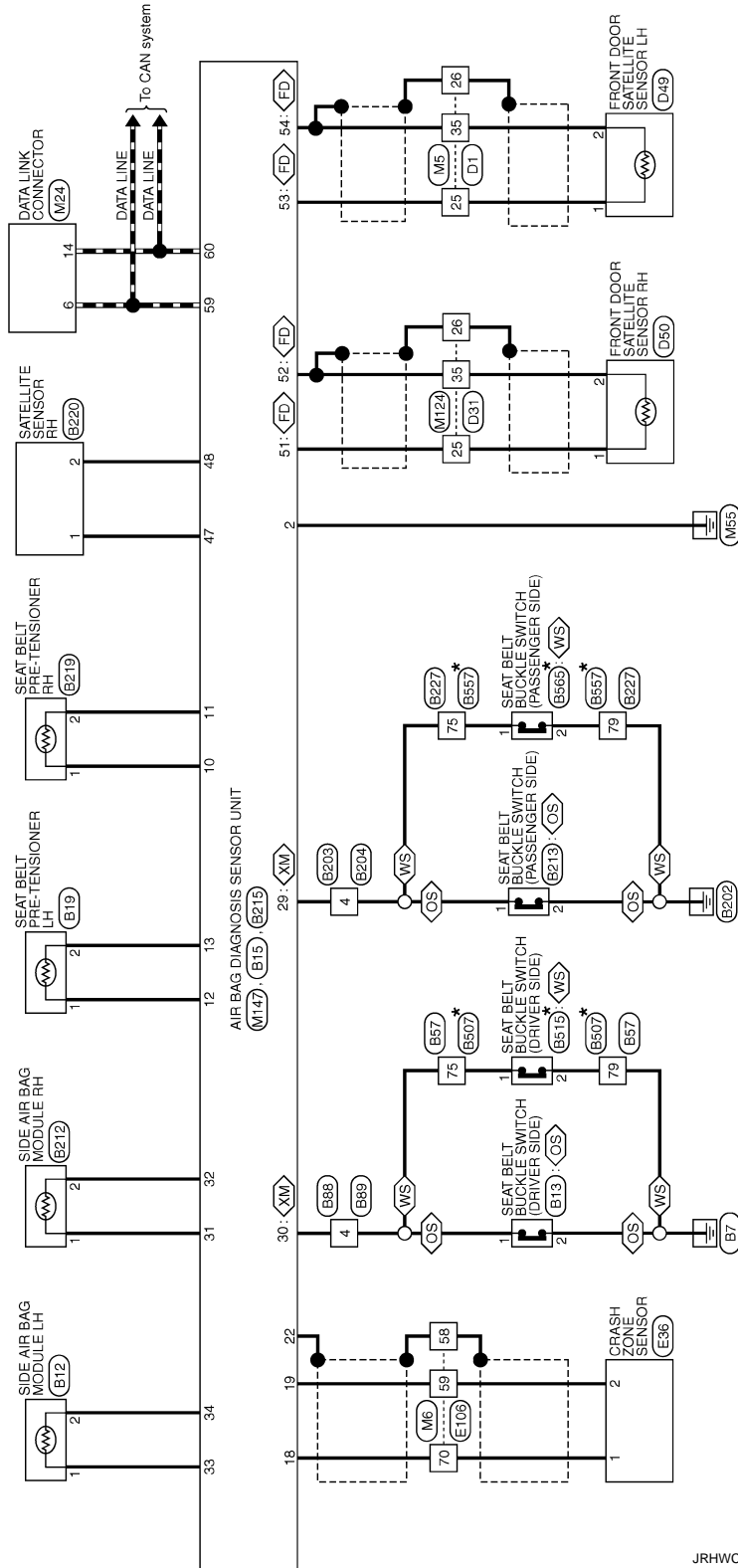
JRHWC0239GB

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE]

- ◊XM◊ : 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".

JRHWC0240GB

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE]

SRS AIR BAG CONTROL SYSTEM

| | |
|----------------|-----------------|
| Connector No. | B1 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH89FW-C51E-TM4 |



| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 1 | G | |
| 2 | BG | |
| 3 | Y | |
| 4 | W | |
| 6 | V | |
| 7 | LG | |
| 8 | GR | |
| 9 | SB | |
| 11 | Y | |
| 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 | |
| 34 | R | |
| 35 | W | |
| 35 | B | |
| 36 | B | |
| 36 | V | |
| 40 | Y | |
| 41 | I | |
| 42 | GR | |
| 43 | BR | |
| 44 | R | |

| | | |
|-----|--------|--|
| 45 | BG | |
| 46 | SHIELD | |
| 46 | SB | |
| 47 | V | |
| 48 | SHIELD | |
| 51 | W | |
| 52 | R | |
| 57 | SHIELD | |
| 58 | B | |
| 60 | 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 | |
| 84 | L | |
| 85 | LG | |
| 86 | V | |
| 87 | BR | |
| 88 | GR | |
| 93 | Y | |
| 94 | L | |
| 94 | G | |
| 95 | GR | |
| 95 | LG | |
| 96 | L | |
| 97 | Y | |
| 98 | W | |
| 98 | Y/B | |
| 99 | LG | |
| 100 | B | |

| | |
|----------------|------------------------|
| Connector No. | B12 |
| Connector Name | SIDE AIR BAG MODULE LH |
| Connector Type | TK02FY-EX-IV |



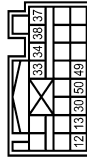
| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 1 | Y | |
| 2 | Y | |

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



| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 1 | G | |
| 1 | L | |
| 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 | |

| | | |
|----|-----|--|
| 13 | Y | |
| 30 | SB | |
| 33 | Y | |
| 34 | Y | |
| 37 | Y | |
| 38 | Y/B | |
| 49 | P | |
| 49 | B | |
| 50 | L | |
| 50 | W | |

| | |
|----------------|----------------------------|
| Connector No. | B19 |
| Connector Name | SEAT BELT PRE-TENSIONER LH |
| Connector Type | ACB00FY |



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

| | |
|----------------|---------------------|
| Connector No. | B20 |
| Connector Name | SATELLITE SENSOR LH |
| Connector Type | HK02FY-1V-EX-LC |



| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 1 | D | |
| 1 | B | |
| 2 | L | |
| 2 | W | |

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE]

SRS AIR BAG CONTROL SYSTEM

| | |
|----------------|---------------------------|
| Connector No. | B25 |
| Connector Name | CURTAIN AIR BAG MODULE LH |
| Connector Type | ACBDFY |



| Terminal No. | Color of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | Y | - |
| 2 | Y/B | - |

| | |
|----------------|--------------|
| Connector No. | B57 |
| Connector Name | WIRE TO WIRE |
| Connector Type | NS18FY-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 | EG | - |
| 85 | GR | - |
| 100 | BR | - |

| | |
|----------------|--------------|
| Connector No. | B88 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH06FY-NH |



| Terminal No. | Color of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 4 | SB | - |

| | |
|----------------|--------------|
| Connector No. | B89 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH06MY-NH |



| Terminal No. | Color of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 4 | SB | - |

| | |
|----------------|-----------------|
| Connector No. | B201 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH86FY-CSI8-TM4 |



| Terminal No. | Color of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 2 | BR | - [Coupe models] |
| 3 | R | - [Roadster models] |
| 3 | B | - [Coupe models] |
| | | - [Roadster models] |

| | | |
|-----|--------|---------------------|
| 88 | BR | - |
| 89 | Y | - |
| 90 | SHIELD | - |
| 92 | SB | - [Coupe models] |
| 93 | LG | - [Roadster models] |
| 93 | V | - [Coupe models] |
| 93 | W | - [Roadster models] |
| 94 | SHIELD | - [Coupe models] |
| 94 | G | - [Roadster models] |
| 95 | GR | - [Coupe models] |
| 95 | LG | - [Roadster models] |
| 97 | Y | - [Coupe models] |
| 97 | LG | - [Roadster models] |
| 98 | W | - [Coupe models] |
| 98 | Y/B | - [Roadster models] |
| 99 | G | - |
| 100 | BR | - [Coupe models] |
| 100 | Y | - [Roadster models] |

| | |
|----------------|--------------|
| Connector No. | B203 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH06FY-NH |



| Terminal No. | Color of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 3 | V | - |
| 4 | LG | - |

| | | |
|----|--------|---------------------|
| 4 | G | - |
| 7 | R | - [Coupe models] |
| 7 | Y | - [Roadster models] |
| 8 | LG | - |
| 9 | Y | - |
| 11 | R | - |
| 20 | G | - |
| 21 | 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 | P | - [Coupe models] |
| 58 | R | - [Roadster models] |
| 58 | L | - [Roadster models] |
| 59 | B | - |
| 60 | W | - |
| 61 | GR | - |
| 62 | B | - |
| 63 | Y | - |
| 64 | V | - |
| 65 | SB | - |
| 66 | EG | - |
| 67 | V | - |
| 68 | P | - |
| 69 | L | - |
| 70 | G | - |
| 72 | B | - |
| 73 | L | - [Coupe models] |
| 73 | B | - [Roadster models] |
| 74 | P | - [Coupe models] |
| 74 | B | - [Roadster models] |
| 75 | W | - [Coupe models] |
| 75 | B | - [Roadster models] |
| 76 | V | - |
| 80 | V | - |
| 81 | SB | - |
| 82 | G | - |
| 83 | R | - |
| 84 | W | - |
| 85 | B | - |
| 86 | SHIELD | - |
| 87 | O | - |

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE]

SRS AIR BAG CONTROL SYSTEM

| | |
|----------------|--------------|
| Connector No. | B204 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH04MM-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 | TK02FY-EX-IV |



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

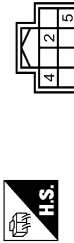
| | |
|----------------|--|
| Connector No. | B213 |
| Connector Name | SEAT BELT BUCKLE SWITCH (PASSENGER SIDE) |
| Connector Type | A03FW |



| Terminal No. | Color of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | LG | - [Except for Mexico] |
| 1 | G | - [For Mexico] |

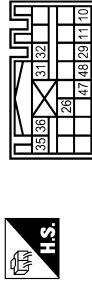
| | | |
|---|---|---|
| 2 | B | - |
|---|---|---|

| | |
|----------------|---|
| Connector No. | B214 |
| Connector Name | OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT |
| Connector Type | TH06FY-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 | NH22FY-IV-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 | CRH (+) |
| 36 | Y/B | CRH (-) |
| 47 | G | SATELLITE RH (+) [Course models] |
| 47 | B | SATELLITE RH (-) [Roadster models] |
| 48 | R | SATELLITE RH (+) [Course models] |
| 48 | R | SATELLITE RH (-) [Course 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 | HK02FY-IV-EX-LC |



| Terminal No. | Color of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | G | - [Course models] |
| 1 | B | - [Roadster models] |
| 2 | R | - [Course models] |
| 2 | W | - [Roadster models] |

| | |
|----------------|---------------------------|
| 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 | INS18FY-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 | - |

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE]

SRS AIR BAG CONTROL SYSTEM

| | |
|----------------|--|
| Connector No. | B507 |
| Connector Name | DOOR-MOUNTED CURTAIN AIR BAG MODULE LH |
| Connector Type | ACB02FY |



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|

| | |
|----------------|--------------|
| Connector No. | B557 |
| Connector Name | WIRE TO WIRE |
| Connector Type | NS18MH-CS |



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|

| | |
|----------------|--------------|
| Connector No. | D1 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH40FY-CS15 |



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|

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



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|

| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 75 | L | - |
| 76 | B | - |
| 78 | LG | - |
| 79 | B | - |
| 90 | B | - |
| 91 | P | - |
| 92 | V | - |
| 93 | G | - |
| 94 | EG | - |
| 95 | GR | - |
| 100 | BR | - |



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|

| | |
|----------------|---------------------------------------|
| Connector No. | B515 |
| Connector Name | SEAT BELT BUCKLE SWITCH (DRIVER SIDE) |
| Connector Type | TK03FW |

| 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 | - |



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|

| | |
|----------------|--|
| Connector No. | B565 |
| Connector Name | SEAT BELT BUCKLE SWITCH (PASSENGER SIDE) |
| Connector Type | TK03FW |

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

| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|---|
| 10 | V | - |
| 11 | LG | - |
| 12 | P | - [With BOSE system] |
| 12 | LG | - [Without BOSE system] |
| 13 | V | - [Coupe models without BOSE system] |
| 13 | L | - [Except for coupe models without BOSE system] |
| 14 | B | - |
| 15 | W | - |
| 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 | EG | - |
| 54 | GR | - |
| 55 | G | - |

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JRHWC0571GB

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE]

SRS AIR BAG CONTROL SYSTEM

| | |
|----------------|--|
| Connector No. | D48 |
| Connector Name | DOOR-MOUNTED CURTAIN AIR BAG MODULE RH |
| Connector Type | ACB2FY |



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

| | |
|----------------|--------------------------------|
| Connector No. | D49 |
| Connector Name | FRONT DOOR SATELLITE SENSOR LH |
| Connector Type | HK02FY-IV-EX-LC |



| 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-IV-EX-LC |



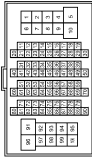
| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 1 | R | - |
| 2 | G | - |

| | |
|----------------|-------------------|
| Connector No. | E38 |
| Connector Name | CRASH ZONE SENSOR |
| Connector Type | HK02FY-IV-EX-LC |



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

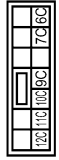
| | |
|----------------|-----------------|
| Connector No. | E106 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH80FW-CS1P-TM4 |



| 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] |
| 31 | G | - [Rouster models] |
| 33 | L | - |
| 32 | V | - |
| 38 | V | - |
| 37 | Y | - |

| | | |
|-----|--------|--|
| 38 | R | - |
| 39 | B | - |
| 40 | W | - |
| 41 | LG | - |
| 42 | SB | - |
| 43 | G | - |
| 44 | GR | - [Except for rouster models with M/T] |
| 45 | EG | - [Rouster models with M/T] |
| 46 | W | - |
| 47 | P | - |
| 58 | SHIELD | - |
| 59 | L | - |
| 70 | P | - |
| 80 | W | - |
| 81 | P | - |
| 82 | G | - |
| 83 | V | - |
| 84 | L | - |
| 85 | EG | - |
| 86 | LG | - |
| 87 | R | - |
| 89 | P | - |
| 91 | W | - |
| 92 | L | - |
| 93 | G | - |
| 94 | Y | - |
| 96 | Y | - |
| 97 | BR | - |
| 98 | GR | - |
| 99 | LG | - |
| 100 | EG | - |

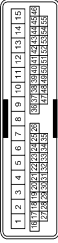
| | |
|----------------|------------------|
| Connector No. | M3 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | N12FW-CS |



| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 6C | R | - |
| 7C | B | - |
| 8C | O | - |
| 10C | L | - |

| | |
|-----|----|
| 11C | LG |
| 12C | O |

| | |
|----------------|--------------|
| Connector No. | M5 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH40MW-CS15 |



| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 7 | Y | - |
| 8 | Y | - |
| 9 | G | - |
| 10 | V | - |
| 11 | V | - |
| 12 | L | - |
| 13 | B | - |
| 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 | - |

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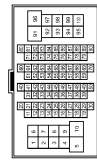
DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE]

SRS AIR BAG CONTROL SYSTEM

| | |
|----------------|-----------------|
| Connector No. | M6 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH8MMH-CS16-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 | L | - |
| 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 | - |
| 44 | R | - |
| 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 | - |
| 97 | GR | - |
| 98 | O | - |
| 99 | W | - |
| 100 | R | - |

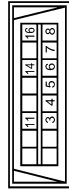
| | |
|----------------|-----------------|
| Connector No. | M7 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH8MMH-CS16-TM4 |



| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 1 | BR | - |
| 2 | O | - |
| 3 | LG | - |
| 4 | O | - |
| 6 | V | - |
| 7 | LG | - |
| 8 | SB | - |
| 9 | GR | - |
| 11 | Y | - |
| 12 | V | - |
| 13 | BR | - |
| 14 | V | - |
| 15 | B | - |
| 18 | V | - |
| 17 | R | - |
| 18 | L | - |
| 20 | SB | - |
| 21 | G | - |
| 22 | GR | - |
| 23 | V | - |
| 24 | R | - |
| 25 | L | - |
| 26 | P | - |

| | | |
|-----|-----|---|
| 96 | L | - |
| 97 | LG | - |
| 97 | Y | - |
| 98 | BG | - |
| 98 | Y/B | - |
| 99 | W | - |
| 100 | B | - |

| | |
|----------------|---------------------|
| Connector No. | M24 |
| Connector Name | DATA LINK CONNECTOR |
| Connector Type | BD18FW |



| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 3 | LG | - |
| 3 | Y | - |
| 4 | B | - |
| 5 | B | - |
| 6 | L | - |
| 7 | Y | - |
| 8 | G | - |
| 11 | Y | - |
| 11 | LG | - |
| 14 | P | - |
| 16 | Y | - |

| | | |
|----|--------|---|
| 27 | B | - |
| 28 | SHIELD | - |
| 31 | W | - |
| 32 | B | - |
| 33 | W | - |
| 34 | R | - |
| 35 | B | - |
| 36 | L | - |
| 40 | L | - |
| 41 | R | - |
| 42 | GR | - |
| 43 | R | - |
| 44 | R | - |
| 45 | O | - |
| 46 | SHIELD | - |
| 46 | G | - |
| 47 | R | - |
| 48 | SHIELD | - |
| 51 | V | - |
| 52 | R | - |
| 57 | SHIELD | - |
| 58 | B | - |
| 60 | L | - |
| 61 | R | - |
| 62 | SHIELD | - |
| 63 | R | - |
| 64 | G | - |
| 65 | SHIELD | - |
| 66 | LG | - |
| 67 | V | - |
| 68 | SHIELD | - |
| 69 | L | - |
| 70 | P | - |
| 71 | V | - |
| 72 | P | - |
| 73 | BR | - |
| 74 | GR | - |
| 75 | O | - |
| 80 | Y | - |
| 81 | W | - |
| 82 | BR | - |
| 85 | GR | - |
| 84 | L | - |
| 85 | LG | - |
| 86 | V | - |
| 87 | BR | - |
| 88 | SB | - |
| 83 | Y | - |
| 84 | SB | - |
| 84 | L | - |
| 85 | GR | - |
| 85 | L | - |
| 85 | W | - |
| 87 | BR | - |
| 88 | SB | - |
| 83 | Y | - |
| 84 | SB | - |
| 84 | L | - |
| 85 | GR | - |
| 85 | L | - |
| 85 | W | - |

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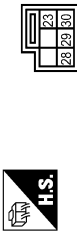
DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE]

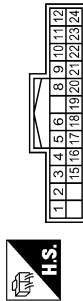
SRS AIR BAG CONTROL SYSTEM

| | |
|----------------|-----------------------------------|
| Connector No. | M53 |
| Connector Name | COMBINATION SWITCH (SPIRAL CABLE) |
| Connector Type | TK08FY-EX-IV |



| 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 | TH24FW-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 | Y | VEHICLE SPEED SIGNAL (8-PULSE) [Except for Mexico] |
| 4 | V | VEHICLE SPEED SIGNAL (8-PULSE) [For Mexico] |
| 5 | B | ILLUMINATION CONTROL SIGNAL |
| 6 | R | ROOF STATUS SIGNAL |
| 8 | Y | POP-UP |
| 9 | BR | COMMUNICATION SIGNAL (METERS)-TRIPLE-METER |
| 10 | BR | COMMUNICATION SIGNAL (TRIPLE-METER)-METER |
| 11 | Y | AT SNOW |
| 12 | G | S-MODE 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 AMP |
| 20 | GR | AMBIENT SENSOR GROUND |

| | | |
|----|---|--------------------------|
| 21 | L | CAN-H |
| 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 | - |

| | |
|----------------|-----------------|
| Connector No. | M117 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH80MW-CSTB-TM4 |



| Terminal No. | Color of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 2 | GR | - [Coupe models] |
| 2 | LG | - [Reader models] |
| 3 | O | - [Coupe models] |
| 3 | B | - [Reader models] |
| 4 | W | - |
| 7 | LG | - [Coupe models] |
| 7 | Y | - [Reader models] |
| 8 | LG | - |
| 9 | Y | - |
| 11 | R | - |
| 20 | G | - |
| 21 | 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] |
| 57 | P | - [Reader models] |
| 58 | R | - [Coupe models] |
| 58 | L | - [Reader models] |
| 59 | B | - |
| 60 | W | - |
| 61 | GR | - |
| 62 | B | - |
| 63 | Y | - |
| 64 | L | - |
| 64 | G | - |
| 65 | O | - |
| 67 | V | - |
| 68 | P | - |

| | | |
|-----|--------|-------------------|
| 89 | L | - |
| 70 | L | - |
| 72 | B | - |
| 73 | B | - |
| 74 | B | - |
| 75 | B | - |
| 76 | B | - |
| 80 | L | - |
| 81 | Y | - |
| 82 | W | - |
| 83 | B | - |
| 84 | R | - |
| 85 | G | - |
| 86 | SHIELD | - |
| 87 | G | - |
| 88 | L | - |
| 89 | P | - [Coupe models] |
| 89 | Y | - [Reader models] |
| 90 | SHIELD | - |
| 92 | G | - [Coupe models] |
| 92 | LG | - [Reader models] |
| 93 | R | - [Coupe models] |
| 93 | V | - [Reader models] |
| 94 | SHIELD | - [Coupe models] |
| 94 | G | - [Reader models] |
| 95 | SB | - [Coupe models] |
| 95 | LG | - [Reader models] |
| 97 | LG | - [Coupe models] |
| 97 | Y | - [Reader models] |
| 98 | V | - [Coupe models] |
| 98 | Y/B | - [Reader models] |
| 99 | G | - |
| 100 | BR | - [Coupe models] |
| 100 | Y | - [Reader models] |

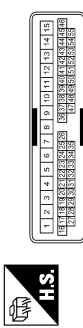
DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[COUPE]

SRS AIR BAG CONTROL SYSTEM

| | |
|----------------|--------------|
| Connector No. | M124 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH40MH-C515 |



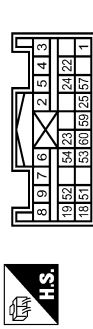
| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 10 | G | - |
| 11 | V | - |
| 12 | LG | - |
| 13 | V | - |
| 14 | B | - |
| 15 | W | - |
| 19 | Y | - |
| 23 | Y/B | - |
| 25 | W | - |
| 26 | SHIELD | - |
| 35 | B | - |
| 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 | TK02FY-EX-1V |



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

| | |
|----------------|-------------------------------|
| Connector No. | M147 |
| Connector Name | AIR BAG DIAGNOSIS SENSOR UNIT |
| Connector Type | HP28FY-EX |



| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|-------------------------------|
| 1 | LG | IGN |
| 2 | B | GND |
| 3 | Y | DR 1 (+) |
| 4 | Y | DR 1 (-) DR 2 (-) |
| 5 | Y | DR 2 (+) |
| 6 | Y | AS 1 (+) |
| 7 | Y | AS 1 (-) |
| 8 | Y | AS 2 (+) |
| 9 | Y | AS 2 (-) |
| 18 | R | EG2S (+) |
| 19 | L | EG2S (-) |
| 22 | SHIELD | GND |
| 23 | R | AIRBAG W/L |
| 24 | P | SEAT BELT |
| 25 | R | OUTOFF 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. | M301 |
| Connector Name | DRIVER AIR BAG MODULE |
| Connector Type | ACA02FOR |



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

| | |
|----|---|
| 9 | - |
| 12 | - |

| | |
|----------------|-----------------------|
| Connector No. | M302 |
| Connector Name | DRIVER AIR BAG MODULE |
| Connector Type | ACA02FY-2V |



| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 10 | - | - |
| 11 | - | - |

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SRC

SRS AIR BAG WARNING LAMP DOES NOT TURN OFF

< SYMPTOM DIAGNOSIS >

[COUPE]

SYMPTOM DIAGNOSIS

SRS AIR BAG WARNING LAMP DOES NOT TURN OFF

Diagnosis Procedure

INFOID:000000009362000

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-170. "DTC Index"](#).
- NO >> GO TO 2.

2.CHECK AIR BAG FUSE

Check 10A 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]

SRS AIR BAG WARNING LAMP DOES NOT TURN ON

Diagnosis Procedure

INFOID:000000009362001

1.CHECK METER FUSE

Check 10A 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****EXCEPT FOR MEXICO****EXCEPT FOR MEXICO : Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"**

INFOID:000000009362002

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.**

EXCEPT FOR MEXICO : Service

INFOID:000000009362003

- 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.
- 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.

EXCEPT FOR MEXICO : Occupant Classification System Precaution

INFOID:000000009362004

Replace Occupant Classification System control unit and passenger front seat cushion as an assembly. Refer to [SE-89. "Removal and Installation"](#).

PRECAUTIONS

< PRECAUTION >

[COUPE]

EXCEPT FOR MEXICO : Precaution for Battery Service

INFOID:000000009362005

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.

FOR MEXICO

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

INFOID:000000009362006

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.

FOR MEXICO : Service

INFOID:000000009362007

- 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.
- 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.

FOR MEXICO : Precaution for Battery Service

INFOID:000000009362008

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

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PRECAUTIONS

< PRECAUTION >

[COUPE]

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]

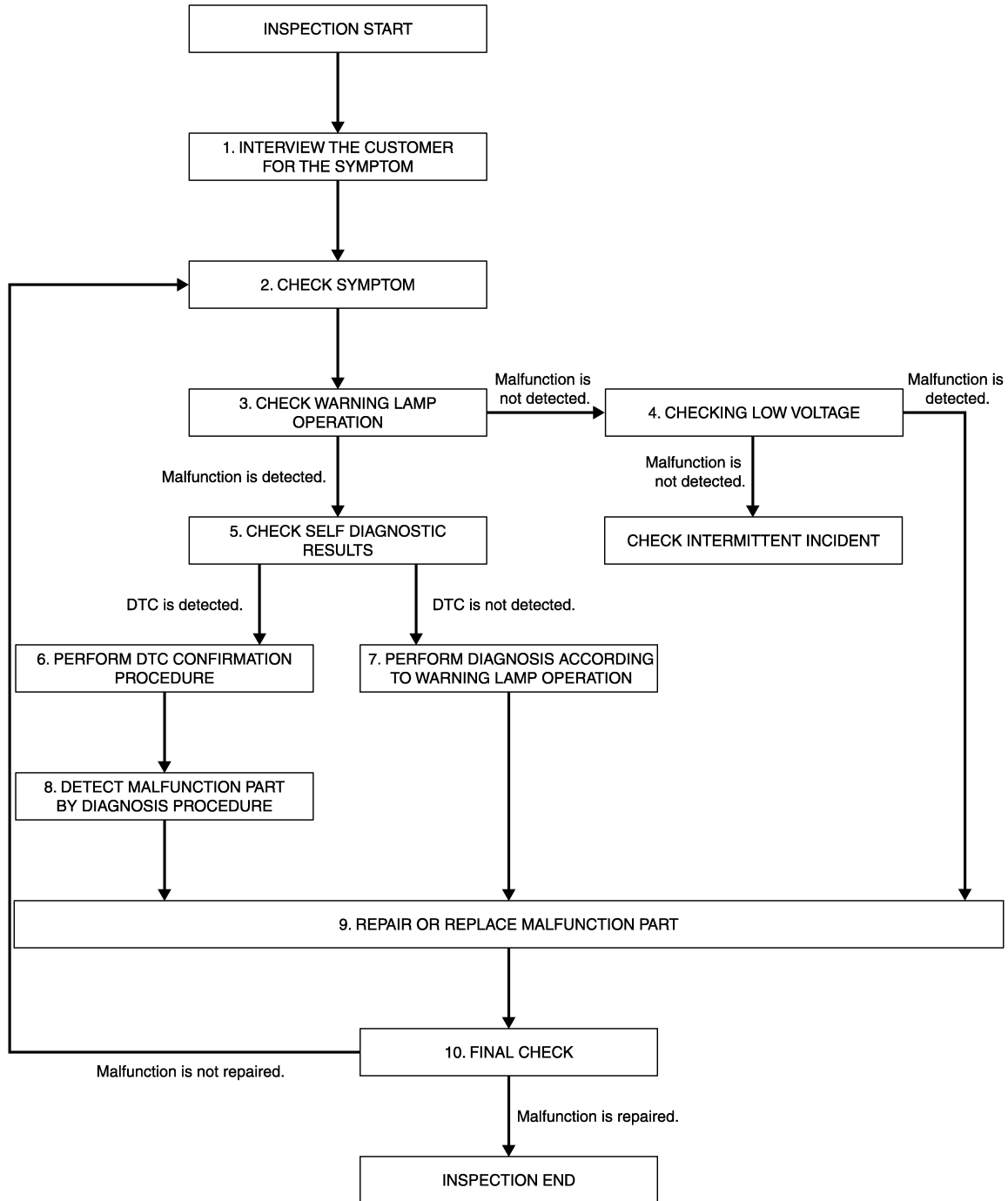
BASIC INSPECTION

DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

INFOID:000000009362009

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-198, "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-203, "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-198, "Diagnosis with Air Bag Warning Lamp"](#).
2. Perform Diagnosis Procedure for the air bag warning lamp operation. Refer to [SRC-198, "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.

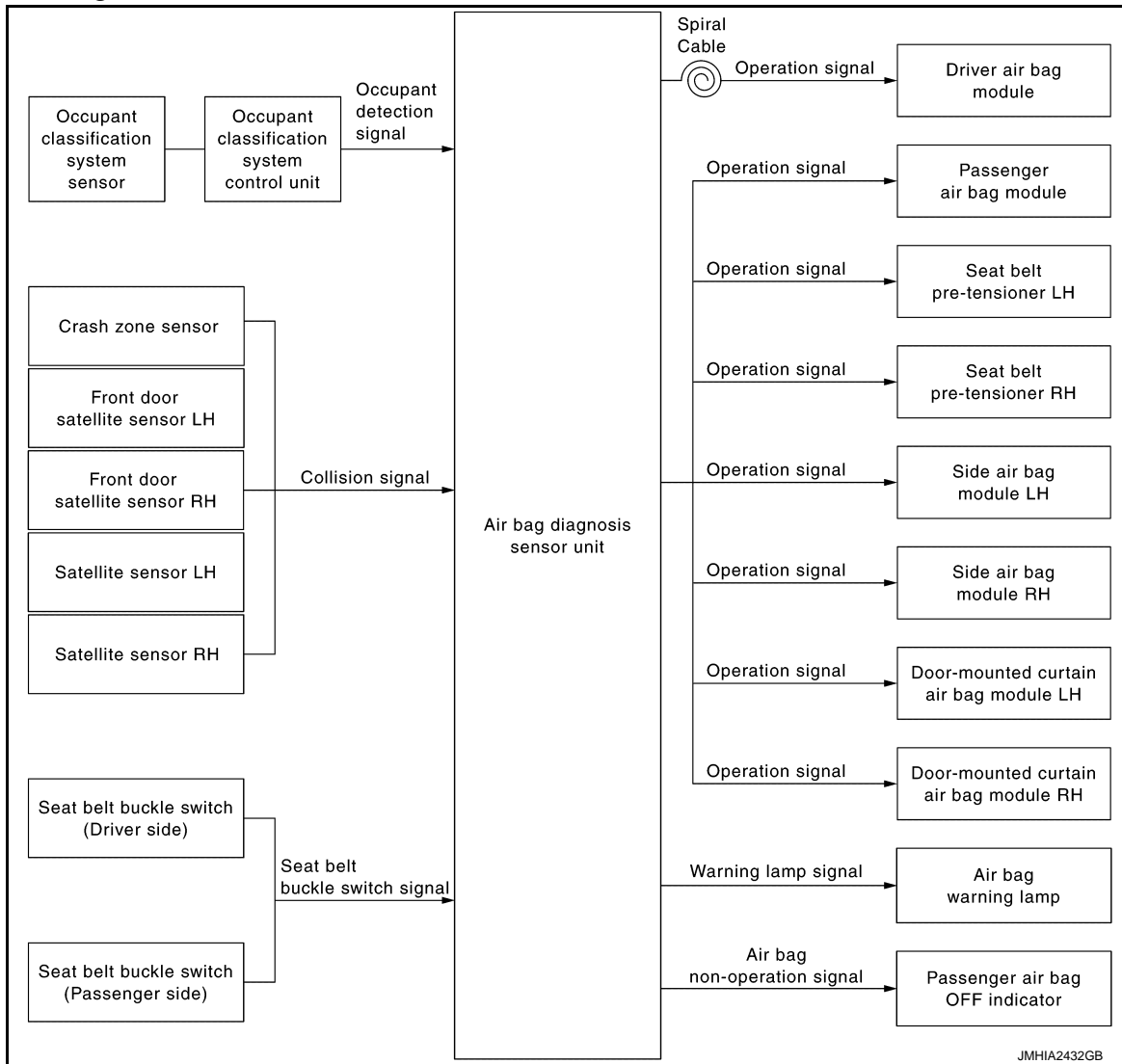
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SYSTEM DESCRIPTION

SRS AIR BAG SYSTEM

System Diagram



System Description

INFOID:000000009362011

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, gasgenerator 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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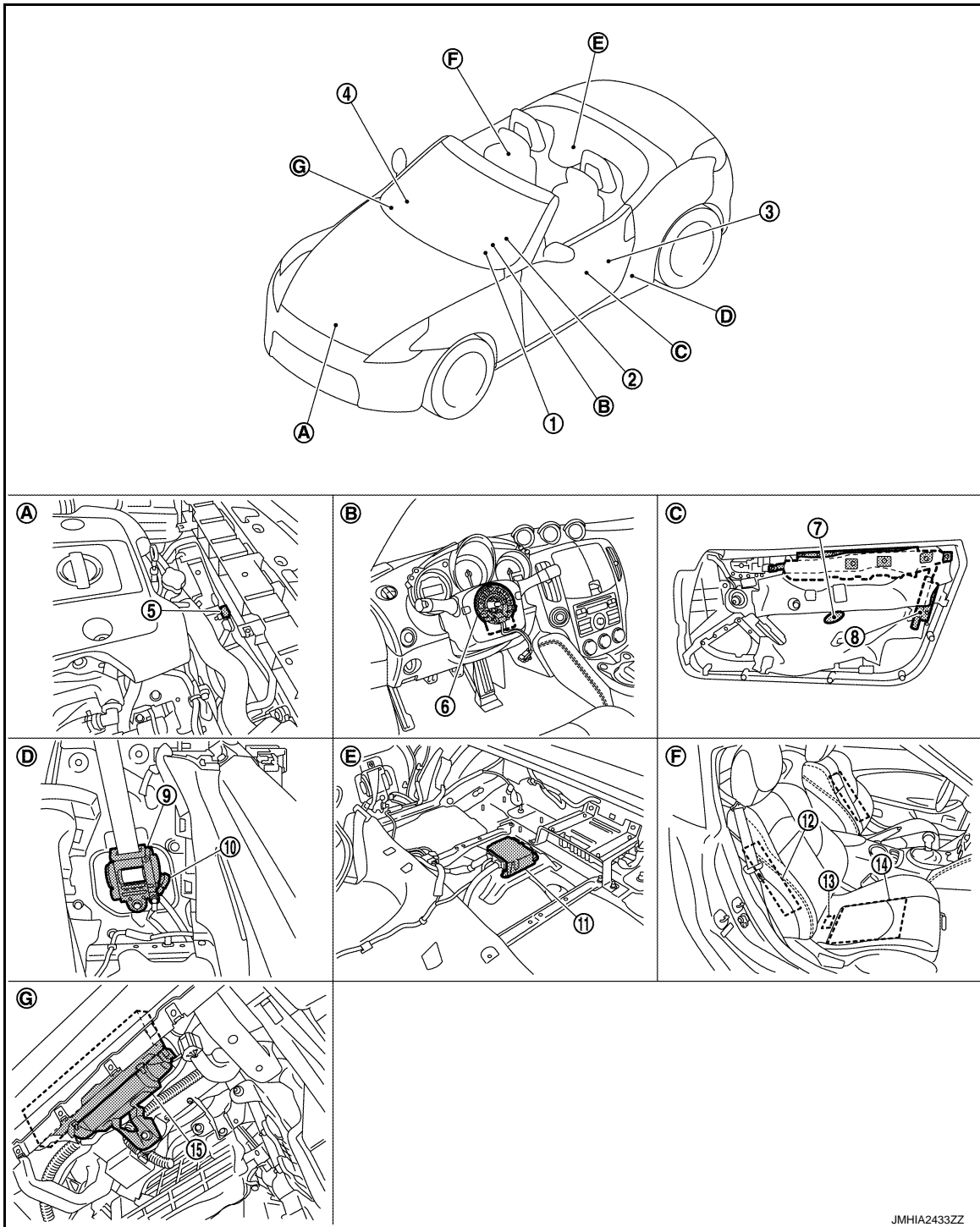
SRS AIR BAG SYSTEM

< SYSTEM DESCRIPTION >

[ROADSTER]

Component Parts Location

INFOID:00000009362012



JMHIA2433ZZ

- | | | |
|---|--|--|
| 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 |

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:000000009362013

| 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

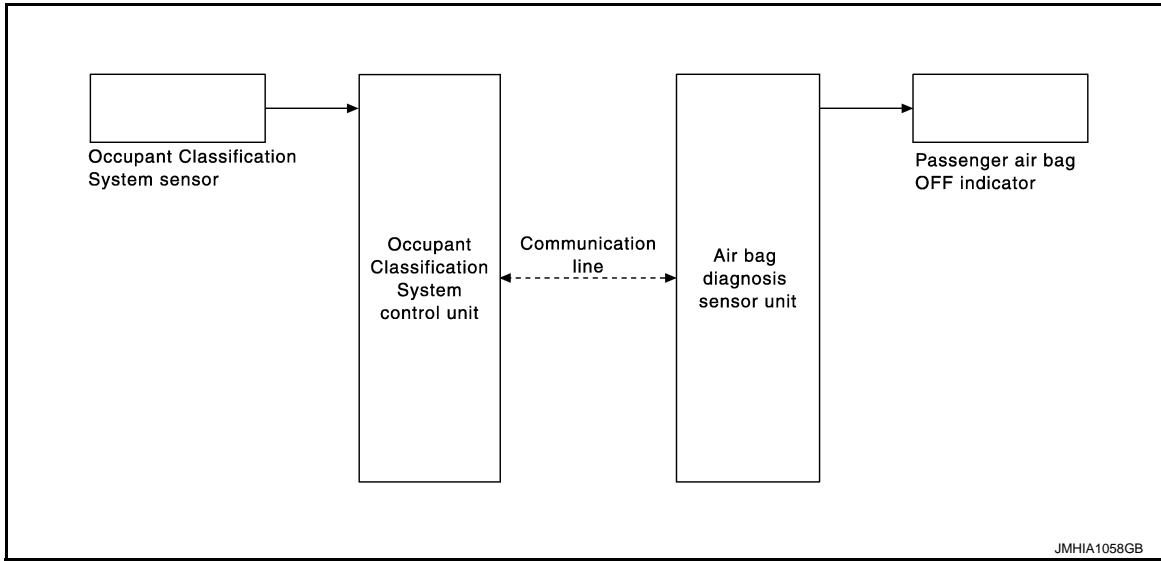
< SYSTEM DESCRIPTION >

[ROADSTER]

OCCUPANT CLASSIFICATION SYSTEM

System Diagram

INFOID:000000009362014



System Description

INFOID:000000009362015

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 |

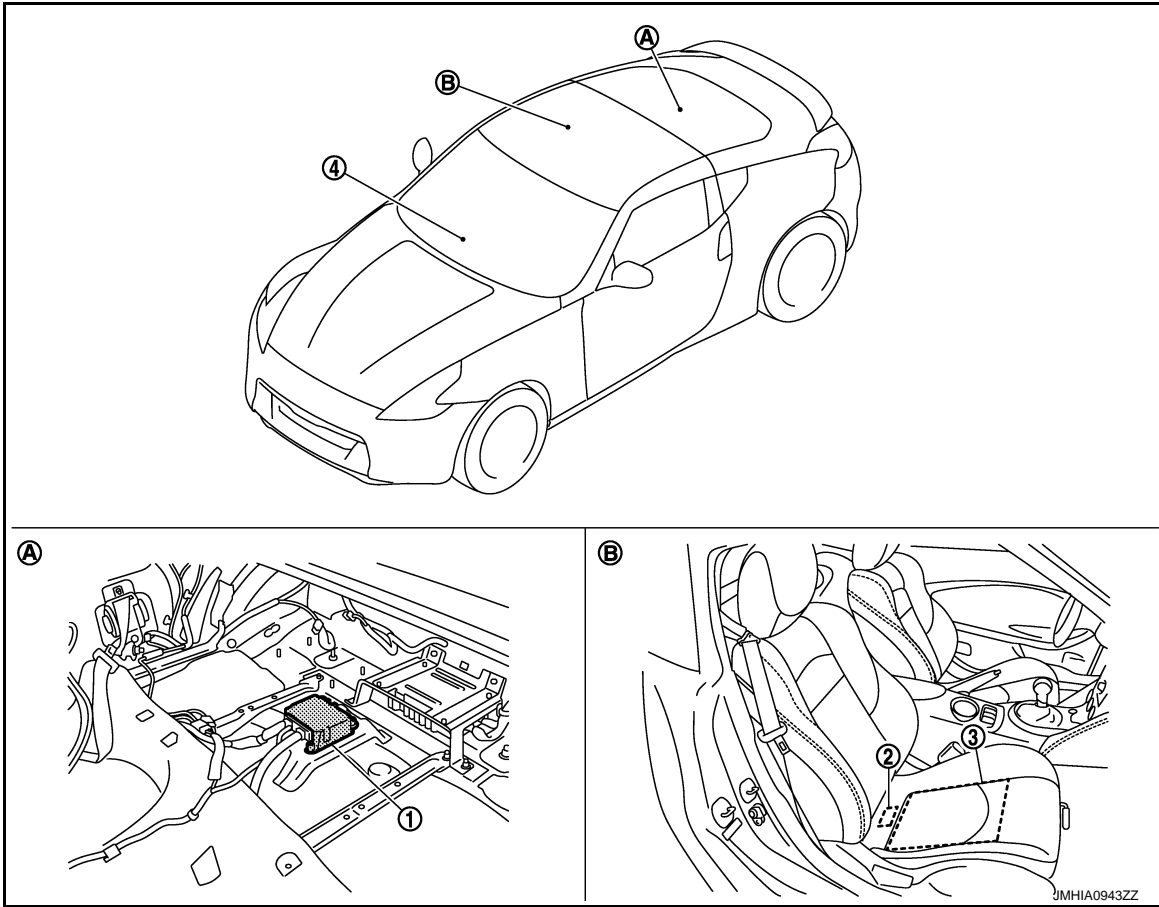
OCCUPANT CLASSIFICATION SYSTEM

< SYSTEM DESCRIPTION >

[ROADSTER]

Component Parts Location

INFOID:000000009362016



- 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:000000009362017

| 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:000000009362018

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:000000009362019

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

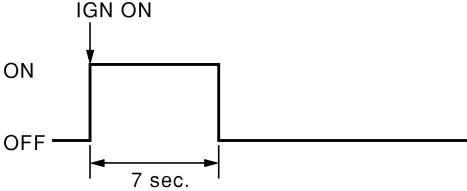
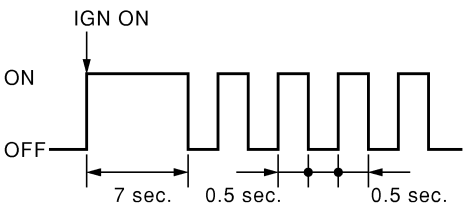
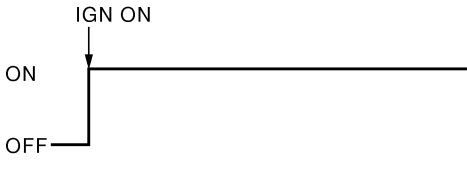

1. Turn the ignition switch from OFF to ON, and check that the air bag warning lamp blinks.
2. Compare the air bag warning lamp blinking pattern with the examples.

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-203, "CONSULT Function", How to Erase Self-diagnostic Result</p> <p>Check "CAUSE OF WARNING" with CONSULT Refer to SRC-203, "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-315, "Diagnosis Procedure" or SRC-316, "Diagnosis Procedure"</p> <p>Go to SRC-370, "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-371, "Diagnosis Procedure"</p> |

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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.

P

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 |

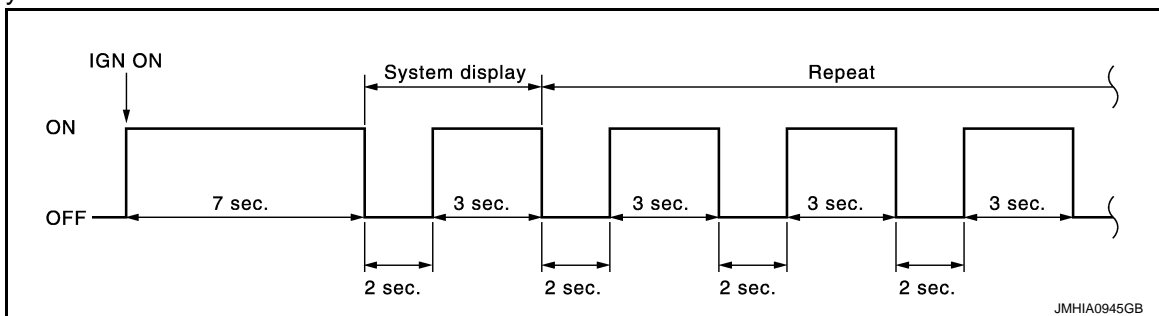
How to Erase Self-diagnostic Result

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

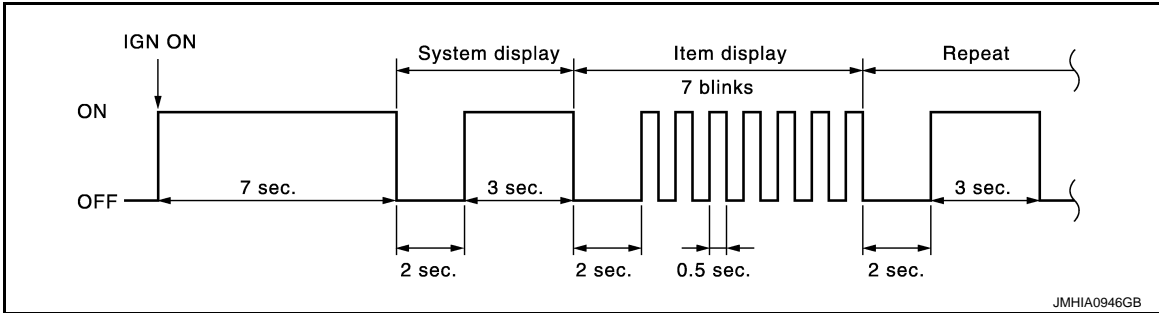
- Front air bag system

ON BOARD DIAGNOSTIC (OBD) SYSTEM

< SYSTEM DESCRIPTION >

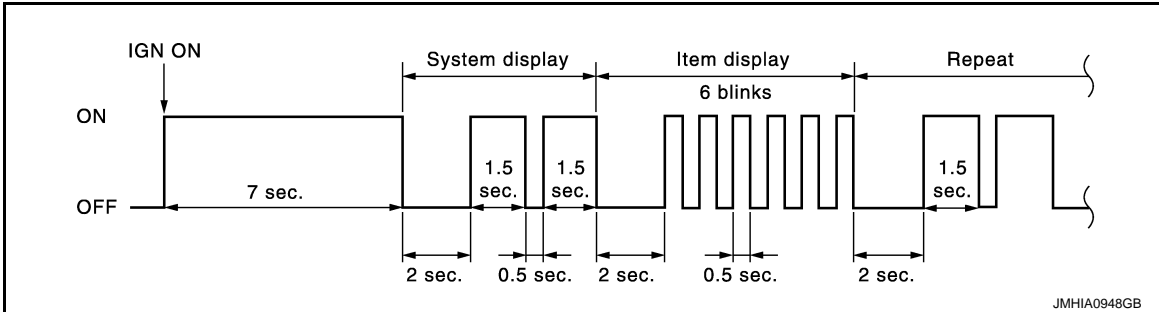
[ROADSTER]

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



- Side air bag system

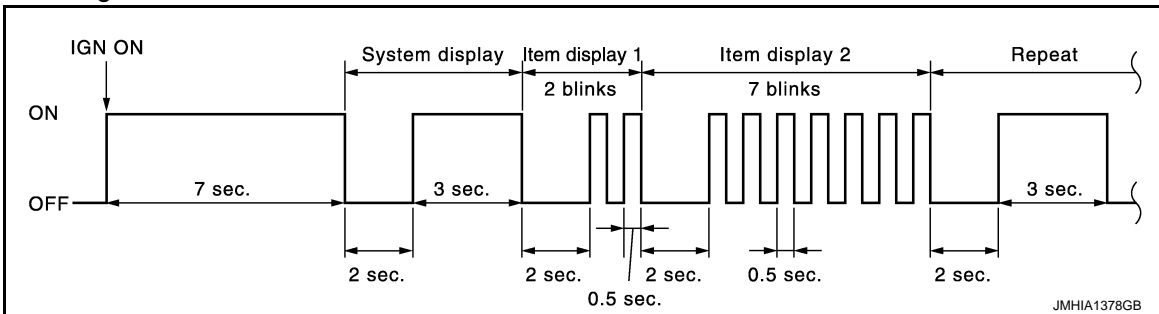
When curtain air bag module LH system (Item display 1) is malfunctioning.



Multiple Systems Malfunction

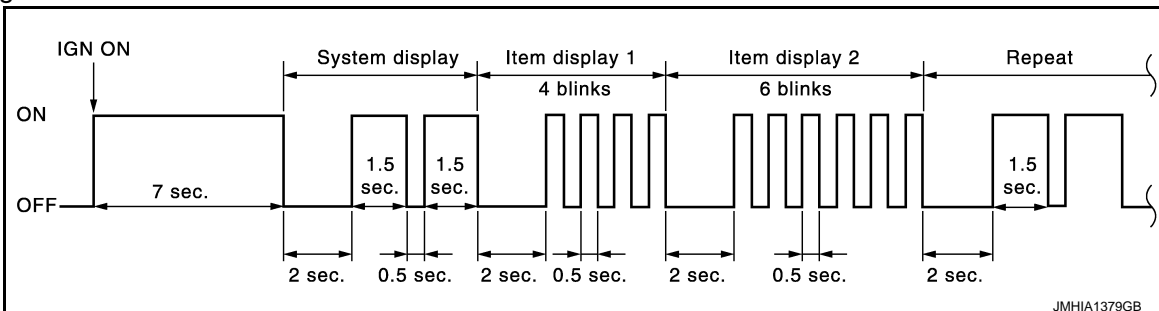
- Front air bag system

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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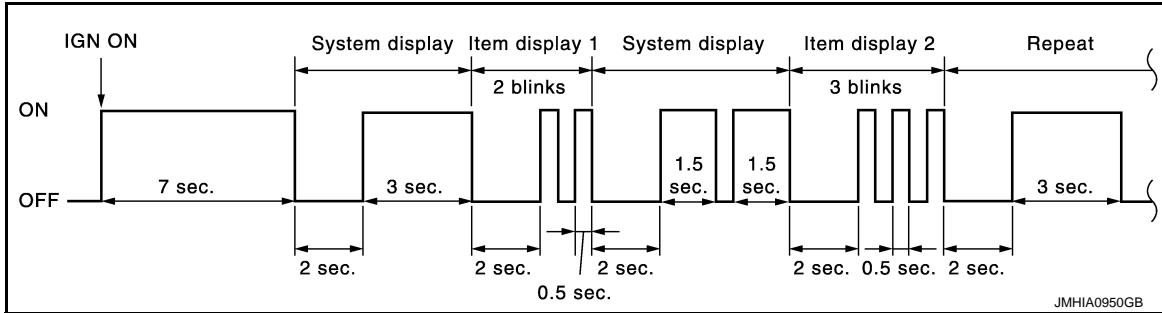
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ON BOARD DIAGNOSTIC (OBD) SYSTEM

[ROADSTER]

< SYSTEM DESCRIPTION >

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



DIAGNOSIS SYSTEM (AIR BAG)

CONSULT Function

INFOID:000000009362020

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-356, "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:000000009362021

- 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:000000009362022

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-198, "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-204, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362023

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-204, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

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

Description

INFOID:000000009362024

- 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:000000009362025

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-198. "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-206. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362026

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-206. "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:000000009362027

- 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:000000009362028

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-198, "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-208, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362029

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-208, "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:000000009362030

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:000000009362031

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-198, "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-210, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362032

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-210, "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-85, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-210, "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:000000009362033

Occupant Classification System sensor detects occupant in passenger seat and transmits it to Occupant Classification System control unit.

DTC Logic

INFOID:000000009362034

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-198, "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-212, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362035

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-212, "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-85, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-212, "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:000000009362036

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:000000009362037

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-198, "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-214, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362038

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-214, "DTC Logic"](#).

B1022 OCCUPANT SYSTEM CONTROL UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

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4. CHECK OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace passenger seat cushion assembly. Refer to [SE-85, "Exploded View"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-214, "DTC Logic"](#).

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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:000000009362039

Illuminates passenger air bag OFF indicator when the passenger seat is empty or occupied by a child or a child-seat.

DTC Logic

INFOID:000000009362040

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-198, "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-216, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362041

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-216, "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-216, "DTC Logic"](#).

Is DTC detected?

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

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B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR

Description

INFOID:000000009362042

Occupant Classification System sensor detects occupant in passenger seat and transmits it to Occupant Classification System control unit.

DTC Logic

INFOID:000000009362043

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-198. "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-218. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362044

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-218. "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-85, "Exploded View"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-218, "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:000000009362045

- 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:000000009362046

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-198, "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-220, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362047

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-220, "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:000000009362048

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:000000009362049

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-198, "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-222, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362050

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-222, "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-222, "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:000000009362051

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:000000009362052

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-198, "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:000000009362053

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-224, "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-224, "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:000000009362054

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:000000009362055

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-198. "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:000000009362056

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-226. "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-226. "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:000000009362057

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:000000009362058

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-198. "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:000000009362059

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-228. "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-31. "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-228. "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

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

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

Description

INFOID:000000009362060

- 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:000000009362061

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-198, "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:000000009362062

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-230, "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:000000009362063

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:000000009362064

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-198, "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:000000009362065

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 driver air bag module harness connector and combination switch (spiral cable) harness connector.

B1049, B1054 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-232, "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-232, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1050, B1055 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1050, B1055 DRIVER AIR BAG MODULE

Description

INFOID:000000009362066

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:000000009362067

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-198. "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:000000009362068

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 driver air bag module harness connector and combination switch (spiral cable) harness connector.

B1050, B1055 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-234, "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-234, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1051, B1056 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1051, B1056 DRIVER AIR BAG MODULE

Description

INFOID:000000009362069

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:000000009362070

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-198. "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-236. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362071

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 driver air bag module harness connector and combination switch (spiral cable) harness connector.

B1051, B1056 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-236, "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-236, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1052, B1057 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1052, B1057 DRIVER AIR BAG MODULE

Description

INFOID:000000009362072

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:000000009362073

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-198, "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:000000009362074

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 driver air bag module harness connector and combination switch (spiral cable) harness connector.

B1052, B1057 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-238, "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-238, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

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

Description

INFOID:000000009362075

- 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:000000009362076

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-198, "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:000000009362077

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-240, "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

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

B1065, B1070 PASSENGER AIR BAG MODULE

Description

INFOID:000000009362078

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:000000009362079

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-198. "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-242. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362080

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-242. "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-242, "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:000000009362081

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:000000009362082

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-198. "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-244. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362083

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-244. "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-244, "DTC Logic"](#).

Is DTC detected?

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

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B1067, B1072 PASSENGER AIR BAG MODULE

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

B1067, B1072 PASSENGER AIR BAG MODULE

Description

INFOID:000000009362084

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:000000009362085

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-198. "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:000000009362086

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-246. "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-246, "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:000000009362087

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:000000009362088

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-198. "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-248. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362089

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-248. "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-248, "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 >

[ROADSTER]

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

Description

INFOID:000000009362090

- 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:000000009362091

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-198, "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-250, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362092

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-250, "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:000000009362093

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:000000009362094

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-198. "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-252. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362095

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-252, "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-252, "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:000000009362096

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:000000009362097

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-198. "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-254. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362098

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-254. "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-33, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-254, "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:000000009362099

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:000000009362100

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-198. "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-256. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362101

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-256. "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-33, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-256, "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:000000009362102

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:000000009362103

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-198. "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-258. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362104

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-258. "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-33, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-258, "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:000000009362105

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:000000009362106

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-198. "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-260. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362107

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-260. "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-33, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-260, "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:000000009362108

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:000000009362109

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-198. "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-262. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362110

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-262. "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-33. "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-262. "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:000000009362111

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:000000009362112

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-198. "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-264. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362113

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-264. "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-33, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-264, "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:000000009362114

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:000000009362115

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-198. "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-266. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362116

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-266. "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-33. "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-266. "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:000000009362117

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:000000009362118

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-198. "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-268. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362119

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-268. "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-33, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-268, "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 >

[ROADSTER]

B1090, B1091, B1092, B1093, B1094, B1095 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000009362120

- 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:000000009362121

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-198, "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-270, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362122

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-270, "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

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

B1106, B1107, B1108, B1109, B1110, B1111 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000009362123

- 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:000000009362124

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-198, "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-272, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362125

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-272, "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:000000009362126

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:000000009362127

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-198, "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-274, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362128

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-274, "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-33, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-274, "DTC Logic"](#).

Is DTC detected?

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

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SRC

B1115 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1115 SATELLITE SENSOR RH

Description

INFOID:000000009362129

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:000000009362130

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-198. "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-276. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362131

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-276. "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-276, "DTC Logic"](#).

Is DTC detected?

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

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B1116 SATELLITE SENSOR RH

Description

INFOID:000000009362132

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:000000009362133

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-198, "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-278, "Diagnosis Procedure"](#).
 NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362134

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-278, "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-278, "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:000000009362135

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:000000009362136

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-198. "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-280. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362137

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-280. "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-280, "DTC Logic"](#)

Is DTC detected?

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

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B1120 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1120 SATELLITE SENSOR LH

Description

INFOID:000000009362138

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:000000009362139

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 harnessMalfunction in satellite sensor LHMalfunction 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-198, "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:000000009362140

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-282, "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-282, "DTC Logic"](#).

Is DTC detected?

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

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B1121 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1121 SATELLITE SENSOR LH

Description

INFOID:000000009362141

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:000000009362142

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-198, "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:000000009362143

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-284, "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-284, "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:000000009362144

- 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:000000009362145

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-198, "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:000000009362146

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-286, "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:000000009362147

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:000000009362148

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-198, "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:000000009362149

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-288, "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-288, "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:000000009362150

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:000000009362151

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-198. "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:000000009362152

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-290. "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-85, "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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B1131 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1131 SIDE AIR BAG MODULE RH

Description

INFOID:000000009362153

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:000000009362154

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-198. "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:000000009362155

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-292. "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-85, "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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B1132 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1132 SIDE AIR BAG MODULE RH

Description

INFOID:000000009362156

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:000000009362157

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-198, "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:000000009362158

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-294, "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-85, "Exploded View"](#).
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

B1134 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1134 SIDE AIR BAG MODULE LH

Description

INFOID:000000009362159

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:000000009362160

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-198. "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:000000009362161

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-296. "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-85, "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

B1135 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1135 SIDE AIR BAG MODULE LH

Description

INFOID:000000009362162

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:000000009362163

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-198. "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:000000009362164

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-298. "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-85, "Exploded View"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-298, "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:000000009362165

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:000000009362166

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-198. "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:000000009362167

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-300. "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-85, "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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SRC

B1137 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1137 SIDE AIR BAG MODULE LH

Description

INFOID:000000009362168

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:000000009362169

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-198. "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:000000009362170

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-302. "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-85, "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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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:000000009362171

- 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:000000009362172

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-198, "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:000000009362173

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-304, "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:000000009362174

- 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:000000009362175

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-198. "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:000000009362176

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-306. "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:000000009362177

- 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:000000009362178

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-198, "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-307, "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362179

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-307, "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:000000009362180

- 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:000000009362181

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-198, "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-309, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362182

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-309, "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:000000009362183

- 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:000000009362184

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-198, "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-311, "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362185

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-311, "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:000000009362186

- 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:000000009362187

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-198, "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-313, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362188

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-313, "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:000000009362189

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:000000009362190

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-198, "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-315, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362191

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-356, "DTC Index"](#).

B1210 SIDE COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1210 SIDE COLLISION DETECTION

Description

INFOID:000000009362192

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:000000009362193

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-198. "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:000000009362194

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-356. "DTC Index"](#).

B1211 ROLLOVER DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1211 ROLLOVER DETECTION

Description

INFOID:000000009362195

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:000000009362196

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-198, "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-317, "Diagnosis Procedure"](#).
 NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362197

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-356, "DTC Index"](#).

B1212, B1213, B1214 SATELLITE SENSOR RH

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

B1212, B1213, B1214 SATELLITE SENSOR RH

Description

INFOID:000000009362198

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:000000009362199

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-198, "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:000000009362200

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-318, "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-318, "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:000000009362201

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:000000009362202

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-198, "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:000000009362203

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

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-320, "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:000000009362204

- 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:000000009362205

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-198, "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:000000009362206

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-322, "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:000000009362207

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-198, "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:000000009362208

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-31, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-324, "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:000000009362209

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-198, "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-325, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362210

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-31, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-325, "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:000000009362211

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:000000009362212

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-198, "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:000000009362213

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

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-326, "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:000000009362214

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:000000009362215

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-198, "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:000000009362216

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-328, "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-328, "DTC Logic"](#).

Is DTC detected?

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

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SRC

B1259 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1259 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

Description

INFOID:000000009362217

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:000000009362218

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-198, "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:000000009362219

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-330, "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-330, "DTC Logic"](#).

Is DTC detected?

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

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SRC

B1260 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1260 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

Description

INFOID:000000009362220

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:000000009362221

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-198. "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:000000009362222

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-332. "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-332, "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:000000009362223

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:000000009362224

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-198, "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:000000009362225

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

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-334, "DTC Logic"](#).

Is DTC detected?

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

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B1263 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1263 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

Description

INFOID:000000009362226

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:000000009362227

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-198, "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:000000009362228

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

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-336, "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:000000009362229

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:000000009362230

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-198, "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:000000009362231

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

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-338, "DTC Logic"](#).

Is DTC detected?

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

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B1265 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1265 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

Description

INFOID:000000009362232

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:000000009362233

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-198, "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:000000009362234

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

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-340, "DTC Logic"](#).

Is DTC detected?

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

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B1266, B1267, B1268, B1269 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1266, B1267, B1268, B1269 DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000009362235

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-198, "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:000000009362236

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-31, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-342, "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:000000009362237

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-198, "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-343, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362238

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-31, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-343, "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:000000009362239

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:000000009362240

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-344, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362241

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-344, "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-31, "ROADSTER : 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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B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

Description

INFOID:000000009362242

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:000000009362243

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-198, "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:000000009362244

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-346, "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-31, "ROADSTER : 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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B1339 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

[ROADSTER]

B1339 SATELLITE SENSOR RH

Description

INFOID:000000009362245

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:000000009362246

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-198, "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:000000009362247

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-348, "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-31, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-348, "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:000000009362248

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:000000009362249

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-198, "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-349, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362250

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-349, "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-31, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-349, "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:000000009362251

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:000000009362252

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-198, "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-351, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362253

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-351, "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

[ROADSTER]

< DTC/CIRCUIT DIAGNOSIS >

1. Replace air bag diagnosis sensor unit. Refer to [SR-31, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-351, "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:000000009362254

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:000000009362255

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-198, "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-353, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362256

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-353, "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-31, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-353, "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:000000009362257

Front door satellite sensor outputs voltage signal of pressure inside the front door.

DTC Logic

INFOID:000000009362258

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-198, "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:000000009362259

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-354, "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-31, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-354, "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:000000009362260

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-198, "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-355, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000009362261

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-31, "ROADSTER : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-355, "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:000000009362262

| DTC | Diagnostic item | Explanation | Reference page |
|-------------------------|--------------------------------------|---|---|
| — | NO DTC IS DETECTED. | Low battery voltage (Less than 9 V) | SRC-203, "CONSULT Function" . |
| | | When malfunction is indicated by the "AIR BAG" warning lamp in the user mode | SRC-198, "Diagnosis with Air Bag Warning Lamp" , SRC-203, "CONSULT Function" . |
| | | Self-diagnostic result is not erased after repair | GI-45, "Intermittent Incident" |
| | | Intermittent malfunction is detected in the past | |
| | No malfunction is detected | | — |
| B1001-B1015 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | <ul style="list-style-type: none"> SRC-204, "DTC Logic". SRC-206, "DTC Logic". SRC-208, "DTC Logic". |
| B1017 B1020 B1021 | OCCUPANT SENS C/U [UNIT FAIL] | Malfunction occurs in Occupant Classification System control unit | SRC-210, "DTC Logic" . |
| B1018 | OCCUPANT SENS [UNIT FAIL] | Malfunction occurs in Occupant Classification System sensor | SRC-212, "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-214, "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-216, "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-218, "DTC Logic" . |
| B1026-B1031 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning or out of the specified specification | SRC-220, "DTC Logic" . |
| B1033 B1034 | CRASH ZONE SEN [UNIT FAIL] | Crash zone sensor is malfunctioning | SRC-222, "DTC Logic" . |
| B1035 | CRASH ZONE SEN [COMM FAIL] | Crash zone sensor is malfunctioning | SRC-224, "DTC Logic" . |
| B1036 | CRASH ZONE SEN [UNMATCH] | Crash zone sensor is out of the specified specification | SRC-226, "DTC Logic" . |
| B1037 B1039 B1041 | CRASH ZONE SEN1 | Crash zone sensor is malfunctioning | SRC-228, "DTC Logic" . |
| B1038 | CRASH ZONE SEN [OPEN/UPR-VB-SHORT] | Crash zone sensor is malfunctioning | SRC-228, "DTC Logic" . |
| B1040 | CRASH ZONE SEN [SHORT/UPR-GND-SHORT] | Crash zone sensor is malfunctioning | SRC-228, "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-230, "DTC Logic" |
| B1049 B1054 | DRIVER AIRBAG MODULE [OPEN] | Driver air bag module circuit is open (including the spiral cable) | SRC-232, "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-234, "DTC Logic" |
| B1051 B1056 | DRIVER AIRBAG MODULE [GND-SHORT] | Driver air bag module circuit is shorted to ground (including the spiral cable) | SRC-236, "DTC Logic" |
| B1052 B1057 | DRIVER AIRBAG MODULE [SHORT] | Driver air bag module circuits are shorted to each other (including spiral cable) | SRC-238, "DTC Logic" |
| B1058-B1063 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-240, "DTC Logic" |
| B1065 B1070 | ASSIST A/B MODULE [OPEN] | Passenger air bag module circuit is open | SRC-242, "DTC Logic" |
| B1066 B1071 | ASSIST A/B MODULE [VB-SHORT] | Passenger air bag module circuit is shorted to power supply circuit | SRC-244, "DTC Logic" |
| B1067 B1072 | ASSIST A/B MODULE [GND-SHORT] | Passenger air bag module circuit is shorted to ground | SRC-246, "DTC Logic" |
| B1068 B1073 | ASSIST A/B MODULE [SHORT] | Passenger air bag module circuits are shorted to each other | SRC-248, "DTC Logic" |
| B1074-B1079 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-250, "DTC Logic" |
| B1080 B1096 | DRIVER AIRBAG MODULE [SHORT] | Driver air bag module circuits are shorted to each other (including spiral cable) | SRC-252, "DTC Logic" |
| B1081 | PRE-TEN FRONT RH [OPEN] | Seat belt pre-tensioner RH circuit is open | SRC-254, "DTC Logic" |
| B1082 | PRE-TEN FRONT RH [VB-SHORT] | Seat belt pre-tensioner RH circuit is shorted to power supply circuit | SRC-256, "DTC Logic" |
| B1083 | PRE-TEN FRONT RH [GND-SHORT] | Seat belt pre-tensioner RH circuit is shorted to ground | SRC-258, "DTC Logic" |
| B1084 | PRE-TEN FRONT RH [SHORT] | Seat belt pre-tensioner RH circuits are shorted to each other | SRC-260, "DTC Logic" |
| B1086 | PRE-TEN FRONT LH [OPEN] | Seat belt pre-tensioner LH circuit is open | SRC-262, "DTC Logic" |
| B1087 | PRE-TEN FRONT LH [VB-SHORT] | Seat belt pre-tensioner LH circuit is shorted to power supply circuit | SRC-264, "DTC Logic" |
| B1088 | PRE-TEN FRONT LH [GND-SHORT] | Seat belt pre-tensioner LH circuit is shorted to ground | SRC-266, "DTC Logic" |
| B1089 | PRE-TEN FRONT LH [SHORT] | Seat belt pre-tensioner LH circuits are shorted to each other | SRC-268, "DTC Logic" |
| B1090-B1095 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-270, "DTC Logic" |
| B1106-B1111 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-272, "DTC Logic" |
| B1113 B1114 | SATELLITE SENS RH [UNIT FAIL] | Satellite sensor RH is malfunctioning | SRC-274, "DTC Logic" |
| B1115 | SATELLITE SENS RH [COMM FAIL] | Satellite sensor RH is malfunctioning | SRC-276, "DTC Logic" |
| B1116 | SATELLITE SENS RH [UNMATCH] | Satellite sensor RH is out of the specified specification | SRC-278, "DTC Logic" |
| B1118 B1119 | SATELLITE SENS LH [UNIT FAIL] | Satellite sensor LH is malfunctioning | SRC-280, "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-282, "DTC Logic" . |
| B1121 | SATELLITE SENS LH [UNMATCH] | Satellite sensor RH is out of the specified specification | SRC-284, "DTC Logic" . |
| B1122-B1127 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-286, "DTC Logic" . |
| B1129 | SIDE MODULE RH [OPEN] | Side air bag module RH circuit is open | SRC-288, "DTC Logic" . |
| B1130 | SIDE MODULE RH [VB-SHORT] | Side air bag module RH circuit is shorted to power supply circuit | SRC-290, "DTC Logic" . |
| B1131 | SIDE MODULE RH [GND-SHORT] | Side air bag module RH circuit is shorted to ground | SRC-292, "DTC Logic" . |
| B1132 | SIDE MODULE RH [SHORT] | Side air bag module RH circuits are shorted to each other | SRC-294, "DTC Logic" . |
| B1134 | SIDE MODULE LH [OPEN] | Side air bag module LH circuit is open | SRC-296, "DTC Logic" . |
| B1135 | SIDE MODULE LH [VB-SHORT] | Side air bag module LH circuit is shorted to power supply circuit | SRC-298, "DTC Logic" . |
| B1136 | SIDE MODULE LH [GND-SHORT] | Side air bag module LH circuit is shorted to ground | SRC-300, "DTC Logic" . |
| B1137 | SIDE MODULE LH [SHORT] | Side air bag module LH circuits are shorted to each other | SRC-302, "DTC Logic" . |
| B1138-B1143 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-304, "DTC Logic" . |
| B1144 | CONTROL UNIT [MISS INSTALLATION] | Air bag diagnosis sensor unit is malfunctioning or out of the specified specification | SRC-306, "DTC Logic" . |
| B1154-B1159 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-307, "DTC Logic" . |
| B1170-B1175 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-309, "DTC Logic" . |
| B1186-B1191 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-311, "DTC Logic" . |
| B1202-B1207 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-313, "DTC Logic" . |
| B1209 | FRONTAL COLLISION DETECTION | Seat belt pre-tensioner, driver side air bag and passenger air bag are deployed | SRC-315, "DTC Logic" . |
| B1210 | SIDE COLLISION DETECTION | Side air bag and door-mounted curtain air bag is deployed | SRC-316, "DTC Logic" . |
| B1211 | ROLLOVER DETECTION | Seat belt pre-tensioner side door-mounted curtain air bag module are deployed because of rollover detection | SRC-317, "DTC Logic" . |
| B1212-B1214 | RH1 SAT-SENS | Satellite sensor RH is malfunctioning | SRC-318, "DTC Logic" . |
| B1215-B1217 | LH1 SAT-SENS | Satellite sensor LH is malfunctioning | SRC-320, "DTC Logic" . |
| B1218-B1223 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-322, "DTC Logic" . |
| B1234-B1239 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-324, "DTC Logic" . |
| B1250-B1255 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-325, "DTC Logic" . |
| B1257 | FR-RH DOOR MNT MODULE [OPEN] | Door-mounted curtain air bag RH circuit is open | SRC-326, "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-328, "DTC Logic" |
| B1259 | FR-RH DOOR MNT MODULE [GND-SHORT] | Door-mounted curtain air bag RH circuit is shorted to ground | SRC-330, "DTC Logic" |
| B1260 | FR-RH DOOR MNT MODULE [SHORT] | Door-mounted curtain air bag RH circuit are shorted to each other | SRC-332, "DTC Logic" |
| B1262 | FR-LH DOOR MNT MODULE [OPEN] | Door-mounted curtain air bag LH circuit is open | SRC-334, "DTC Logic" |
| B1263 | FR-LH DOOR MNT MODULE [VB-SHORT] | Door-mounted curtain air bag LH circuit is shorted to power supply circuit | SRC-336, "DTC Logic" |
| B1264 | FR-LH DOOR MNT MODULE [GND-SHORT] | Door-mounted curtain air bag LH circuit is shorted to ground | SRC-338, "DTC Logic" |
| B1265 | FR-LH DOOR MNT MODULE [SHORT] | Door-mounted curtain air bag LH circuit are shorted to each other | SRC-340, "DTC Logic" |
| B1266-B1269 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-342, "DTC Logic" |
| B1282-B1285 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-343, "DTC Logic" |
| B1336 B1337 | FR-RH DOOR SATEL SENS [SENSOR MALFUNCTION] | Front door satellite sensor RH is malfunctioning | SRC-344, "DTC Logic" |
| B1338 B1340 B1341 B1342 | FR-RH DOOR SATEL SENS [COMM MALFUNCTION] | Front door satellite sensor RH is malfunctioning | SRC-346, "DTC Logic" |
| B1339 | FR-RH DOOR SATEL SENS [MIS-INSTALLATION] | Front door satellite sensor RH is out of the specified specification | SRC-348, "DTC Logic" |
| B1343 B1344 | FR-LH DOOR SATEL SENS [SENSOR MALFUNCTION] | Front door satellite sensor LH is malfunctioning | SRC-349, "DTC Logic" |
| B1345 B1347 B1348 B1349 | FR-LH DOOR SATEL SENS [COMM MALFUNCTION] | Front door satellite sensor LH is malfunctioning | SRC-351, "DTC Logic" |
| B1346 | FR-LH DOOR SATEL SENS [MIS-INSTALLATION] | Front door satellite sensor LH is out of the specified specification | SRC-353, "DTC Logic" |
| B1350 B1351 | FR DOOR SATEL SENS | Front door satellite sensor is malfunctioning | SRC-354, "DTC Logic" |
| B1378-B1381 | CONTROL UNIT | Air bag diagnosis sensor unit is malfunctioning | SRC-355, "DTC Logic" |

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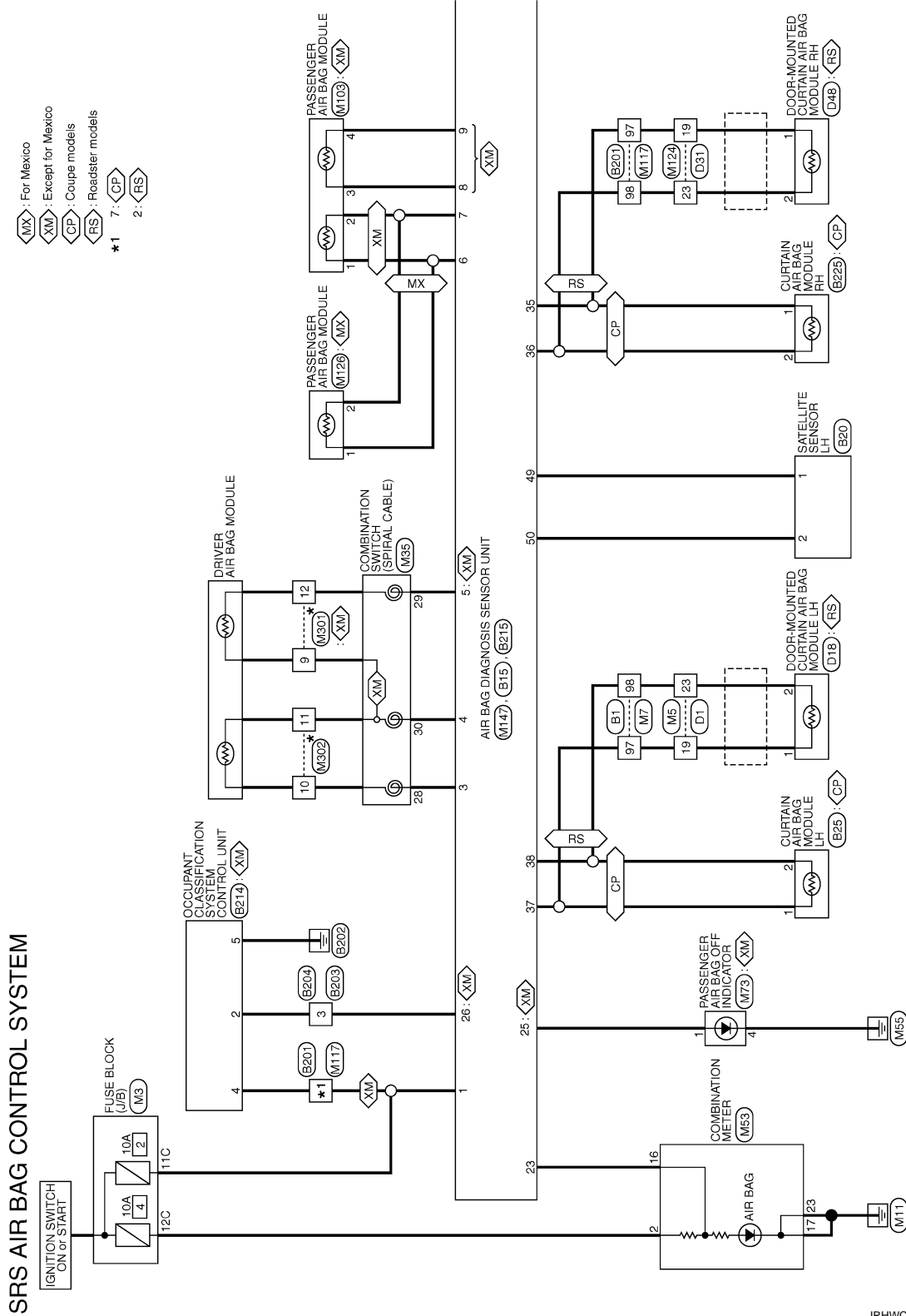
DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[ROADSTER]

Wiring Diagram - SRS AIR BAG CONTROL SYSTEM -

INFOID:000000009749109



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

2012/04/18

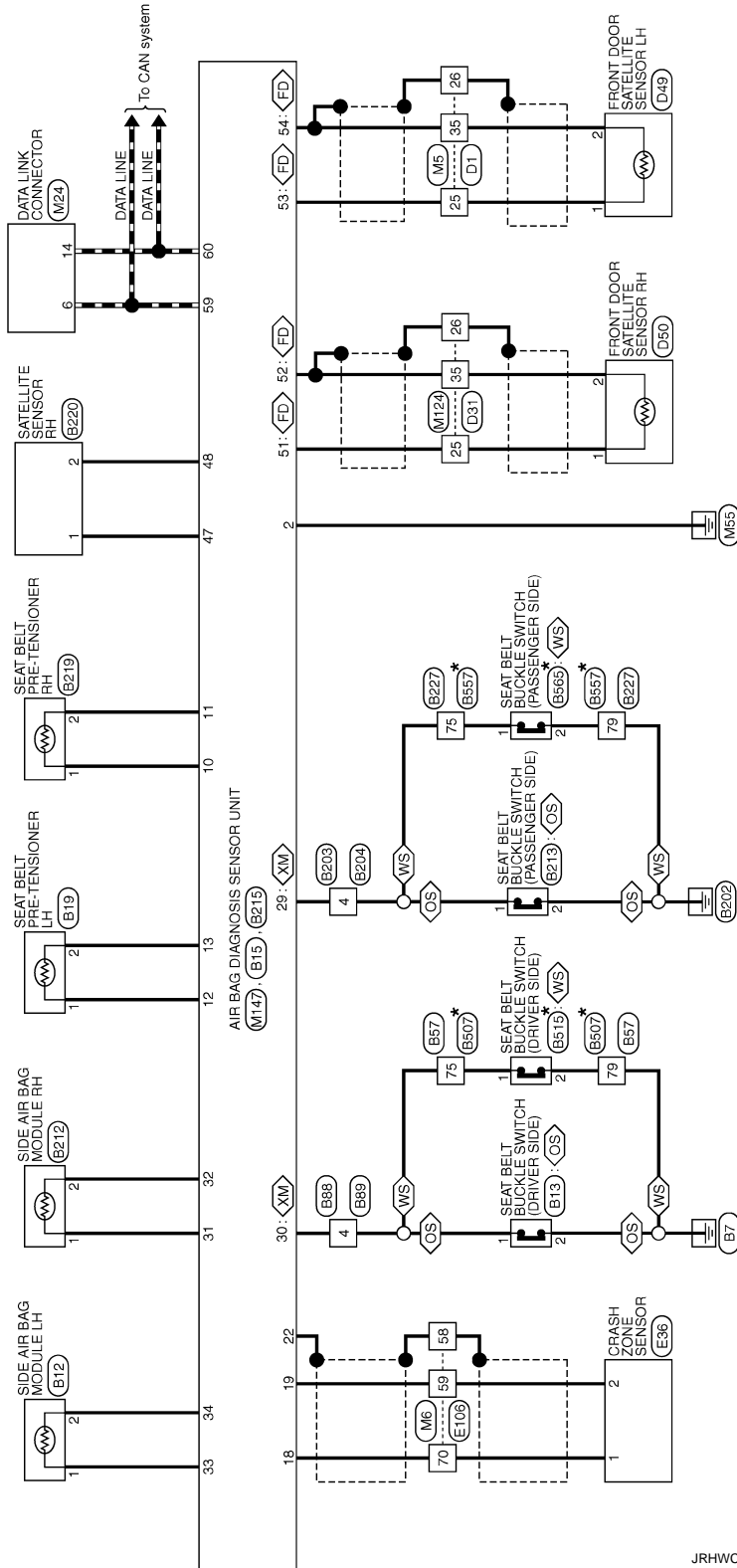
JRHWC0239GB

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[ROADSTER]

- ◊XM◊ : 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".

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[ROADSTER]

SRS AIR BAG CONTROL SYSTEM

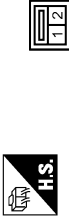
| | |
|----------------|-----------------|
| Connector No. | B1 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH89FW-C51E-TM4 |



| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 1 | G | |
| 2 | BG | |
| 3 | Y | |
| 4 | W | |
| 6 | V | |
| 7 | LG | |
| 8 | GR | |
| 9 | SB | |
| 11 | Y | |
| 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 | |
| 34 | R | |
| 35 | W | |
| 35 | B | |
| 36 | B | |
| 36 | V | |
| 40 | Y | |
| 41 | I | |
| 42 | GR | |
| 43 | BR | |
| 44 | R | |

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| 45 | BG | |
| 46 | SHIELD | |
| 46 | SB | |
| 47 | V | |
| 48 | SHIELD | |
| 51 | W | |
| 52 | R | |
| 57 | SHIELD | |
| 58 | B | |
| 60 | 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 | |
| 84 | L | |
| 85 | LG | |
| 86 | V | |
| 87 | BR | |
| 88 | GR | |
| 93 | Y | |
| 94 | L | |
| 94 | G | |
| 95 | GR | |
| 95 | LG | |
| 96 | L | |
| 97 | Y | |
| 98 | W | |
| 98 | Y/B | |
| 99 | LG | |
| 100 | B | |

| | |
|----------------|------------------------|
| Connector No. | B12 |
| Connector Name | SIDE AIR BAG MODULE LH |
| Connector Type | TK02FY-EX-IV |



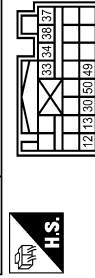
| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 1 | Y | |
| 2 | Y | |

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



| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 1 | G | |
| 1 | L | |
| 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 | |

| | | |
|----|-----|--|
| 13 | Y | |
| 30 | SB | |
| 33 | Y | |
| 34 | Y | |
| 37 | Y | |
| 38 | Y/B | |
| 49 | P | |
| 49 | B | |
| 50 | L | |
| 50 | W | |

| | |
|----------------|----------------------------|
| Connector No. | B19 |
| Connector Name | SEAT BELT PRE-TENSIONER LH |
| Connector Type | ACB00FY |



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

| | |
|----------------|---------------------|
| Connector No. | B20 |
| Connector Name | SATELLITE SENSOR LH |
| Connector Type | HK02FY-1V-EX-LC |



| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 1 | D | |
| 1 | B | |
| 2 | L | |
| 2 | W | |

DIAGNOSIS SENSOR UNIT

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[ROADSTER]

SRS AIR BAG CONTROL SYSTEM

| | |
|----------------|---------------------------|
| Connector No. | B25 |
| Connector Name | CURTAIN AIR BAG MODULE LH |
| Connector Type | ACBDFY |



| Terminal No. | Color of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | Y | - |
| 2 | Y/B | - |

| | |
|----------------|--------------|
| Connector No. | B57 |
| Connector Name | WIRE TO WIRE |
| Connector Type | NS18FY-CS |



| | |
|----------------|--------------|
| 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 | TH86FW-CSI8-TM4 |



| Terminal No. | Color of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 2 | BR | - [Coupe models] |
| 3 | Y | - [Roadster models] |
| 3 | B | - [Coupe models] |
| | | - [Roadster models] |

| | | | | | |
|----|--------|---|---|---|---------------------|
| 4 | G | - | - | - | - |
| 7 | R | - | - | - | - [Coupe models] |
| 8 | Y | - | - | - | - [Roadster models] |
| 8 | LG | - | - | - | - |
| 9 | Y | - | - | - | - |
| 11 | R | - | - | - | - |
| 20 | G | - | - | - | - [Coupe models] |
| 21 | R | - | - | - | - [Roadster models] |
| 30 | B | - | - | - | - |
| 40 | W | - | - | - | - |
| 41 | V | - | - | - | - [Coupe models] |
| 42 | G | - | - | - | - [Roadster models] |
| 43 | L | - | - | - | - |
| 44 | SB | - | - | - | - |
| 51 | P | - | - | - | - |
| 52 | L | - | - | - | - |
| 53 | SHIELD | - | - | - | - |
| 54 | BR | - | - | - | - |
| 55 | Y | - | - | - | - |
| 56 | SHIELD | - | - | - | - |
| 57 | P | - | - | - | - [Coupe models] |
| 58 | R | - | - | - | - [Roadster models] |
| 58 | L | - | - | - | - [Coupe models] |
| 59 | B | - | - | - | - [Roadster models] |
| 60 | W | - | - | - | - |
| 61 | GR | - | - | - | - |
| 62 | B | - | - | - | - |
| 63 | Y | - | - | - | - |
| 64 | V | - | - | - | - |
| 65 | SB | - | - | - | - |
| 66 | EG | - | - | - | - |
| 67 | V | - | - | - | - |
| 68 | P | - | - | - | - |
| 69 | L | - | - | - | - |
| 70 | G | - | - | - | - |
| 72 | B | - | - | - | - |
| 73 | L | - | - | - | - [Coupe models] |
| 73 | B | - | - | - | - [Roadster models] |
| 74 | P | - | - | - | - [Coupe models] |
| 74 | B | - | - | - | - [Roadster models] |
| 75 | W | - | - | - | - [Coupe models] |
| 75 | B | - | - | - | - [Roadster models] |
| 76 | V | - | - | - | - |
| 80 | V | - | - | - | - |
| 81 | SB | - | - | - | - |
| 82 | G | - | - | - | - |
| 83 | R | - | - | - | - |
| 84 | W | - | - | - | - |
| 85 | B | - | - | - | - |
| 86 | SHIELD | - | - | - | - |
| 87 | O | - | - | - | - |

| | | | | | |
|-----|--------|---|---|---|---------------------|
| 88 | BR | - | - | - | - |
| 89 | Y | - | - | - | - |
| 90 | SHIELD | - | - | - | - |
| 92 | SB | - | - | - | - [Coupe models] |
| 93 | LG | - | - | - | - [Roadster models] |
| 93 | V | - | - | - | - |
| 93 | W | - | - | - | - [Coupe models] |
| 94 | SHIELD | - | - | - | - [Roadster models] |
| 94 | G | - | - | - | - |
| 95 | GR | - | - | - | - [Coupe models] |
| 95 | LG | - | - | - | - [Roadster models] |
| 97 | Y | - | - | - | - |
| 97 | LG | - | - | - | - [Coupe models] |
| 98 | W | - | - | - | - [Roadster models] |
| 98 | Y/B | - | - | - | - |
| 99 | G | - | - | - | - |
| 100 | BR | - | - | - | - [Coupe models] |
| 100 | Y | - | - | - | - [Roadster models] |

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



| Terminal No. | Color of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 3 | V | - |
| 4 | LG | - |

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[ROADSTER]

SRS AIR BAG CONTROL SYSTEM

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|----------------|--------------|
| Connector No. | B204 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH04MM-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 | TK02FY-EX-IV |



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

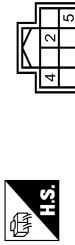
| | |
|----------------|--|
| Connector No. | B213 |
| Connector Name | SEAT BELT BUCKLE SWITCH (PASSENGER SIDE) |
| Connector Type | A03FW |



| Terminal No. | Color of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | LG | - [Except for Mexico] |
| 1 | G | - [For Mexico] |

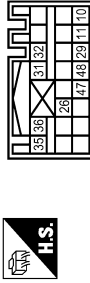
| | | |
|---|---|---|
| 2 | B | - |
|---|---|---|

| | |
|----------------|---|
| Connector No. | B214 |
| Connector Name | OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT |
| Connector Type | TH06FY-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 | NH22FY-IV-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 | CRH (+) |
| 36 | Y/B | CRH (-) |
| 47 | G | SATELLITE RH (+) [Course models] |
| 47 | B | SATELLITE RH (-) [Roadster models] |
| 48 | R | SATELLITE RH (+) [Course models] |
| 48 | R | SATELLITE RH (-) [Course 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 | HK02FY-IV-EX-LC |



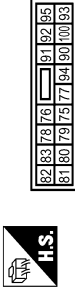
| Terminal No. | Color of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | G | - [Course models] |
| 1 | B | - [Roadster models] |
| 2 | R | - [Course models] |
| 2 | W | - [Roadster models] |

| | |
|----------------|---------------------------|
| 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 | INS18FY-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 | - |

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[ROADSTER]

SRS AIR BAG CONTROL SYSTEM

| | |
|----------------|--|
| Connector No. | B507 |
| Connector Name | DOOR-MOUNTED CURTAIN AIR BAG MODULE LH |
| Connector Type | ACB02FY |



| | |
|----------------|--------------|
| Connector No. | B557 |
| Connector Name | WIRE TO WIRE |
| Connector Type | NS1BMW-CS |



| | |
|----------------|--------------|
| Connector No. | D1 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH40FY-CS15 |



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



| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 75 | L | - |
| 76 | B | - |
| 78 | LG | - |
| 79 | B | - |
| 80 | B | - |
| 91 | P | - |
| 92 | V | - |
| 93 | G | - |
| 94 | BG | - |
| 95 | GR | - |
| 100 | BR | - |

| | |
|----------------|---------------------------------------|
| Connector No. | B515 |
| Connector Name | SEAT BELT BUCKLE SWITCH (DRIVER SIDE) |
| Connector Type | TK03FW |



| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 75 | LG | - |
| 76 | B | - |
| 78 | G | - |
| 79 | B | - |
| 80 | B | - |
| 91 | L | - |
| 92 | G | - |
| 93 | Y | - |
| 94 | SB | - |
| 95 | V | - |
| 100 | W | - |

| | |
|----------------|--|
| Connector No. | B565 |
| Connector Name | SEAT BELT BUCKLE SWITCH (PASSENGER SIDE) |
| Connector Type | TK03FW |



| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 7 | Y | - |
| 8 | Y | - |
| 9 | G | - |
| 10 | BG | - |
| 11 | P | - [With BOSE system] |
| 11 | V | - [Without BOSE system] |
| 12 | L | - |
| 13 | B | - |
| 14 | SB | - [Coupe models] |
| 14 | Y | - [Roadster models] |
| 15 | W | - |
| 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 | - |

| | | | |
|--------------|---|-----|-----------------------------|
| Terminal No. | 1 | LOW | Signal Name (Specification) |
| 2 | O | - | - |

| | | | |
|--------------|---|-----|-----------------------------|
| Terminal No. | 1 | LOW | Signal Name (Specification) |
| 2 | O | - | - |

| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|---|
| 10 | V | - |
| 11 | LG | - |
| 12 | P | - [With BOSE system] |
| 12 | LG | - [Without BOSE system] |
| 13 | V | - [Coupe models without BOSE system] |
| 13 | L | - [Except for coupe models without BOSE system] |
| 14 | B | - |
| 15 | W | - |
| 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 | L | - |

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[ROADSTER]

SRS AIR BAG CONTROL SYSTEM

| | |
|----------------|--|
| Connector No. | D48 |
| Connector Name | DOOR-MOUNTED CURTAIN AIR BAG MODULE RH |
| Connector Type | ACB2FY |



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

| | |
|----------------|--------------------------------|
| Connector No. | D49 |
| Connector Name | FRONT DOOR SATELLITE SENSOR LH |
| Connector Type | HK02FY-IV-EX-LC |



| 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-IV-EX-LC |



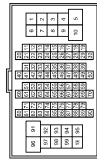
| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 1 | R | - |
| 2 | G | - |

| | |
|----------------|-------------------|
| Connector No. | E38 |
| Connector Name | CRASH ZONE SENSOR |
| Connector Type | HK02FY-IV-EX-LC |



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

| | |
|----------------|-----------------|
| Connector No. | E106 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH80FW-CS1P-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] |
| 31 | G | - [Roadster models] |
| 31 | L | - |
| 32 | V | - |
| 38 | V | - |
| 37 | Y | - |

| | | |
|-----|--------|---|
| 38 | R | - |
| 39 | B | - |
| 40 | W | - |
| 41 | LG | - |
| 42 | SB | - |
| 43 | G | - |
| 44 | GR | - [Except for roadster models with M/T] |
| 44 | R | - [Roadster models with M/T] |
| 45 | EG | - |
| 46 | W | - |
| 47 | P | - |
| 58 | SHIELD | - |
| 59 | L | - |
| 70 | P | - |
| 80 | W | - |
| 81 | P | - |
| 82 | G | - |
| 83 | V | - |
| 84 | L | - |
| 85 | EG | - |
| 86 | LG | - |
| 87 | R | - |
| 89 | P | - |
| 91 | W | - |
| 92 | L | - |
| 93 | G | - |
| 94 | Y | - |
| 96 | Y | - |
| 97 | BR | - |
| 98 | GR | - |
| 99 | LG | - |
| 100 | EG | - |

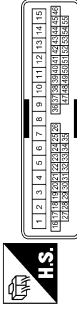
| | |
|----------------|------------------|
| Connector No. | M3 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | N12FW-CS |



| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 6C | R | - |
| 7C | B | - |
| 8C | O | - |
| 10C | L | - |

| | |
|-----|----|
| 11C | LG |
| 12C | O |

| | |
|----------------|--------------|
| Connector No. | M5 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH40MW-CS15 |



| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 7 | Y | - |
| 8 | Y | - |
| 9 | G | - |
| 10 | V | - |
| 11 | V | - |
| 12 | L | - |
| 13 | B | - |
| 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 | - |

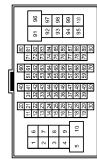
DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[ROADSTER]

SRS AIR BAG CONTROL SYSTEM

| | |
|----------------|-----------------|
| Connector No. | M6 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH8MMH-CS16-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 | L | - |
| 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 | - |
| 97 | GR | - |
| 98 | O | - |
| 99 | W | - |
| 100 | R | - |

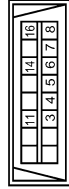
| | |
|----------------|-----------------|
| Connector No. | M7 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH8MMH-CS16-TM4 |



| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 1 | BR | - |
| 2 | O | - |
| 3 | LG | - |
| 4 | O | - |
| 6 | V | - |
| 7 | LG | - |
| 8 | SB | - |
| 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 | - |
| 24 | R | - |
| 25 | L | - |
| 26 | P | - |

| | | |
|-----|-----|---------------------|
| 96 | L | - |
| 97 | LG | - [Coupe models] |
| 97 | Y | - [Roadster models] |
| 98 | BG | - [Coupe models] |
| 98 | Y/B | - [Roadster models] |
| 99 | W | - |
| 100 | B | - |

| | |
|----------------|---------------------|
| Connector No. | M24 |
| Connector Name | DATA LINK CONNECTOR |
| Connector Type | BD18FW |



| 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 | Y | - [Coupe models] |
| 11 | LG | - [Roadster models] |
| 14 | P | - |
| 16 | Y | - |

| | | |
|----|--------|---------------------|
| 27 | B | - |
| 28 | SHIELD | - |
| 31 | W | - |
| 32 | B | - |
| 33 | W | - |
| 34 | R | - |
| 35 | B | - |
| 36 | L | - |
| 40 | L | - |
| 41 | R | - |
| 42 | GR | - |
| 43 | R | - |
| 44 | R | - |
| 45 | O | - |
| 46 | SHIELD | - [Coupe models] |
| 46 | G | - [Roadster models] |
| 47 | R | - |
| 48 | SHIELD | - |
| 51 | V | - |
| 52 | R | - |
| 57 | SHIELD | - |
| 58 | B | - |
| 60 | L | - |
| 61 | R | - |
| 62 | SHIELD | - |
| 63 | R | - |
| 64 | G | - |
| 65 | SHIELD | - |
| 66 | LG | - |
| 67 | V | - |
| 68 | SHIELD | - |
| 69 | L | - |
| 70 | P | - |
| 71 | V | - |
| 72 | P | - |
| 73 | BR | - |
| 74 | GR | - |
| 75 | O | - |
| 80 | Y | - |
| 81 | W | - |
| 82 | BR | - |
| 83 | GR | - |
| 84 | L | - |
| 85 | LG | - |
| 86 | V | - |
| 87 | BR | - |
| 88 | SB | - |
| 89 | Y | - |
| 93 | SB | - [Coupe models] |
| 94 | L | - [Roadster models] |
| 95 | GR | - [Coupe models] |
| 95 | L | - [Roadster models] |
| 95 | W | - |

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[ROADSTER]

SRS AIR BAG CONTROL SYSTEM

| | |
|----------------|-----------------------------------|
| Connector No. | M53 |
| Connector Name | COMBINATION SWITCH (SPIRAL CABLE) |
| Connector Type | TK08FY-EX-IV |



| 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 | TH24FW-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 | Y | VEHICLE SPEED SIGNAL (8-PULSE) [Except for Mexico] |
| 4 | V | VEHICLE SPEED SIGNAL (8-PULSE) [For Mexico] |
| 5 | B | ILLUMINATION CONTROL SIGNAL |
| 6 | R | ROOF STATUS SIGNAL |
| 8 | Y | POP-UP |
| 9 | BR | COMMUNICATION SIGNAL (METERS)-TRIPLE-METER |
| 10 | BR | COMMUNICATION SIGNAL (TRIPLE-METER)-METER |
| 11 | Y | AUT SNOW |
| 12 | G | S-MODE 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 AMP |
| 20 | GR | AMBIENT SENSOR GROUND |

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|----|---|--------------------------|
| 21 | L | CAN-H |
| 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 | - |

| | |
|----------------|-----------------|
| Connector No. | M117 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH80MM-CSTB-TM4 |



| Terminal No. | Color of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 2 | GR | - [Coupe models] |
| 2 | LG | - [Roadster models] |
| 3 | O | - [Coupe models] |
| 3 | B | - [Roadster models] |
| 4 | W | - |
| 7 | LG | - [Coupe models] |
| 7 | Y | - [Roadster models] |
| 8 | LG | - |
| 9 | Y | - |
| 11 | R | - |
| 20 | G | - |
| 21 | 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] |
| 57 | P | - [Roadster models] |
| 58 | R | - [Coupe models] |
| 58 | L | - [Roadster models] |
| 59 | B | - |
| 60 | W | - |
| 61 | GR | - |
| 62 | B | - |
| 63 | Y | - |
| 64 | L | - |
| 64 | G | - |
| 65 | O | - |
| 67 | V | - |
| 68 | P | - |

| | | |
|-----|--------|---------------------|
| 69 | L | - |
| 70 | L | - |
| 72 | B | - |
| 73 | B | - |
| 74 | B | - |
| 75 | B | - |
| 76 | B | - |
| 80 | L | - |
| 81 | Y | - |
| 82 | W | - |
| 83 | B | - |
| 84 | R | - |
| 85 | G | - |
| 86 | SHIELD | - |
| 87 | G | - |
| 88 | L | - |
| 89 | P | - [Coupe models] |
| 89 | Y | - [Roadster models] |
| 90 | SHIELD | - |
| 92 | G | - [Coupe models] |
| 92 | LG | - [Roadster models] |
| 93 | R | - [Coupe models] |
| 93 | V | - [Roadster models] |
| 94 | SHIELD | - [Coupe models] |
| 94 | G | - [Roadster models] |
| 95 | SB | - [Coupe models] |
| 95 | LG | - [Roadster models] |
| 97 | LG | - [Coupe models] |
| 97 | Y | - [Roadster models] |
| 98 | V | - [Coupe models] |
| 98 | Y/B | - [Roadster models] |
| 99 | G | - |
| 100 | BR | - [Coupe models] |
| 100 | Y | - [Roadster models] |

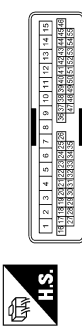
DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[ROADSTER]

SRS AIR BAG CONTROL SYSTEM

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| Connector No. | M124 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH40MH-C515 |



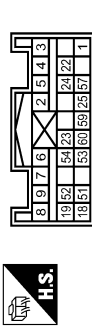
| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 10 | G | - |
| 11 | V | - |
| 12 | LG | - |
| 13 | V | - |
| 14 | B | - |
| 15 | W | - |
| 19 | Y | - |
| 23 | Y/B | - |
| 25 | W | - |
| 26 | SHIELD | - |
| 35 | B | - |
| 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 | TK02FY-EX-1V |



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

| | |
|----------------|-------------------------------|
| Connector No. | M147 |
| Connector Name | AIR BAG DIAGNOSIS SENSOR UNIT |
| Connector Type | HP28FY-EX |



| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|-------------------------------|
| 1 | LG | IGN |
| 2 | B | GND |
| 3 | Y | DR 1 (+) |
| 4 | Y | DR 1 (-) DR 2 (-) |
| 5 | Y | DR 2 (+) |
| 6 | Y | AS 1 (+) |
| 7 | Y | AS 1 (-) |
| 8 | Y | AS 2 (+) |
| 9 | Y | AS 2 (-) |
| 18 | R | EG2S (+) |
| 19 | L | EG2S (-) |
| 22 | SHIELD | GND |
| 23 | R | AIRBAG W/L |
| 24 | P | SEAT BELT |
| 25 | R | OUTOFF 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. | M301 |
| Connector Name | DRIVER AIR BAG MODULE |
| Connector Type | ACA02FOR |



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

| | |
|----|---|
| 9 | - |
| 12 | - |

| | |
|----------------|-----------------------|
| Connector No. | M302 |
| Connector Name | DRIVER AIR BAG MODULE |
| Connector Type | ACA02FY-2V |



| Terminal No. | Color of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 10 | - | - |
| 11 | - | - |

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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:000000009362264

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 10A 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.

SRS AIR BAG WARNING LAMP DOES NOT TURN ON

< SYMPTOM DIAGNOSIS >

[ROADSTER]

SRS AIR BAG WARNING LAMP DOES NOT TURN ON

Diagnosis Procedure

INFOID:000000009362265

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"](#).

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PRECAUTION

PRECAUTIONS

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

INFOID:000000009362266

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:000000009362267

- 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.
- 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:000000009362268

Replace Occupant Classification System control unit and passenger front seat cushion as an assembly. Refer to [SE-89, "Removal and Installation"](#).

Precaution for Battery Service

INFOID:000000009362269

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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