

SECTION **SRC**

SRS AIRBAG CONTROL SYSTEM

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PRECAUTIONS

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PRECAUTION

PRECAUTIONS

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

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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:

- 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 the "SRS AIR BAG".
- Do not 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:

- When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the ignition ON or engine running, DO NOT use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.
- When using air or electric power tools or hammers, always switch the ignition OFF, disconnect the battery, and wait at least 3 minutes before performing any service.

Service

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- Never 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 3 minutes or more.
For approximately 3 minutes after the cables are removed, it is still possible for the air bag and seat belt pretensioner to deploy. Therefore, never work on any SRS connectors or wires until at least 3 minutes have passed.
- Diagnosis sensor unit must always be installed with their arrow marks "⇐" pointing towards the front of the vehicle for proper operation. Also check diagnosis sensor unit for cracks, deformities or rust before installation and replace as required.
- The spiral cable must be aligned with the neutral position since its rotations are limited. Never 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.
- Conduct self-diagnosis to check entire SRS for proper function after replacing any components.
- After air bag inflates, the front instrument panel assembly should be replaced if damaged.
- Always replace instrument panel pad following front passenger air bag deployment.
- Never solder the harness when making repairs. Check that harness is not pinched and that there is no contact with other components.
- Never allow harness to come in contact with oil, grease, waste oil, or water.
- Never insert foreign materials, such as a screwdriver, into the harness connector. (This is to prevent accidental activation caused by static electricity.)
- Always use CONSULT-III or SRS air bag warning lamp to perform the circuit diagnosis. (Never use an electric tester such as a circuit tester.)
- Never enter in the deployment area of the pop-up roll bar. Never put an object in the deployment area of the pop-up roll bar. (This is to prevent injury in case of an unintentional deployment.)

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- When handling a pop-up roll bar, always grip the frame and handle carefully.
- Never reuse a pop-up roll bar that has previously deployed.
- Modification of the pop-up roll bar may cause unintentional deployment or a malfunction. Never disassemble or modify the pop-up roll bar.
- Never allow the pop-up roll bar to be impacted (by dropping or otherwise). Always replace the pop-up roll bar if impacted.
- When repairing the surrounding area of the pop-up roll bar, be careful not to apply excessive heat when welding or otherwise. Remove the pop-up roll bar in advance, if necessary. Be careful when modifying the mounting area or installing other parts because an incorrect procedure may cause damage or a malfunction.
- Never disassemble the pop-up roll bar.
- Never expose the pop-up roll bar to temperatures exceeding 90 °C (194 °F).
- Never allow oil, grease, detergent, or water to come in contact with the pop-up roll bar.

Occupant Classification System Precaution

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- Replace occupant classification system control unit and passenger front seat cushion as an assembly. Refer to [SE-111, "SEAT CUSHION : Disassembly and Assembly"](#).

COMPONENT PARTS

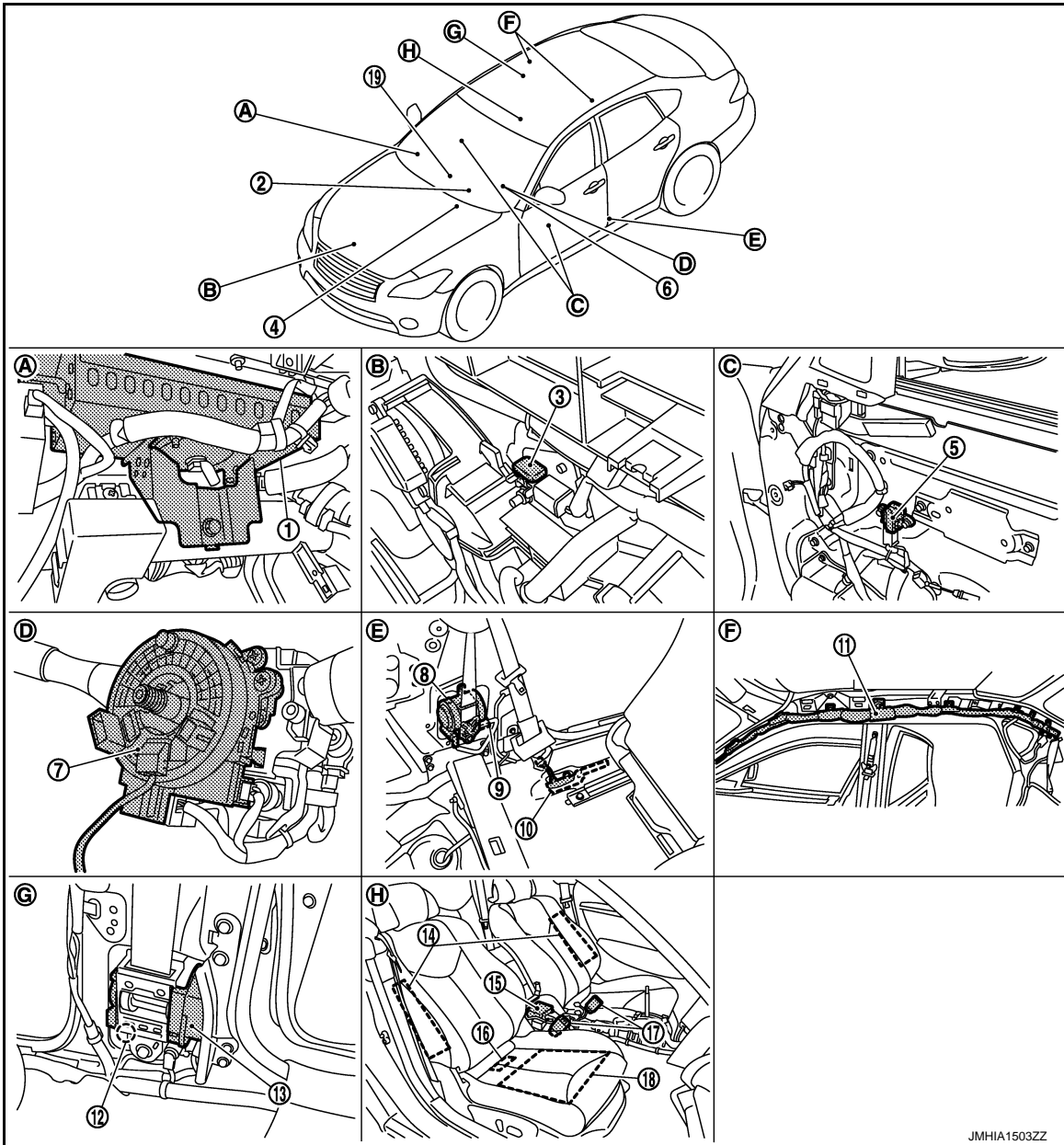
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SYSTEM DESCRIPTION

COMPONENT PARTS

Component Parts Location

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- | | | |
|---|--|---|
| 1. Passenger air bag module | 2. Combination meter
Refer to MWI-6. "METER SYSTEM: Component Parts Location" . | 3. Crash zone sensor |
| 4. BCM
Refer to BCS-4. "BODY CONTROL SYSTEM: Component Parts Location" . | 5. Front door satellite sensor LH/RH | 6. Driver air bag module |
| 7. Combination switch (spiral cable) | 8. Seat belt pre-tensioner LH | 9. Satellite sensor LH |
| 10. Lap pre-tensioner LH | 11. Curtain air bag module LH/RH | 12. Satellite sensor RH |
| 13. Seat belt pre-tensioner RH | 14. Side air bag module LH/RH | 15. Air bag diagnosis sensor unit |
| 16. Occupant classification system control unit | 17. Seat belt buckle switch LH/RH | 18. Occupant classification system sensor |

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COMPONENT PARTS

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19. Multifunction switch (passenger air bag off indicator)
- | | | |
|-------------------------------------|--|--|
| A. View with glove box removed | B. Radiator core support assembly | C. View with door finisher removed |
| D. View with steering wheel removed | E. Behind rear side finisher | F. View with headlining assembly removed |
| G. Behind rear side finisher | H. View with center console assembly removed | |

Component Description

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Component	Function
Air bag diagnosis sensor unit	<ul style="list-style-type: none"> • Detects a collision and supplies power supply for deployment to air bag module and pre-tensioner seat belt. • It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.
BCM	Receive the collision detection signal when air bag diagnosis sensor unit detects collision.
Combination meter (air bag warning lamp)	Indicates air bag malfunctioning and deployment by blinking and illuminating air bag warning lamp.
Combination switch (spiral cable)	Supplies power supply to driver air bag module on steering wheel.
Crash zone sensor	<ul style="list-style-type: none"> • Transmits signal to air bag diagnosis sensor unit when a frontal collision occurs. • 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.
Curtain air bag module LH/RH	<ul style="list-style-type: none"> • Deploys according to collision judgment of G sensor, pressure sensor, and safing sensor. • Receives collision signal from air bag diagnosis sensor unit, ignites, and burns ignition material by electric ignition system, when side collision exceeds setting limit of the vehicle. Gas is generated by chemical reaction of ignition material, passes filter, and deploys air bag. • Air bag module mainly consists of air bag and inflator that deploys air bag.
Driver air bag module	<ul style="list-style-type: none"> • Receives signal from air bag diagnosis sensor unit and deploys air bag. • 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.
Front door satellite sensor LH/RH	<ul style="list-style-type: none"> • Transmits signal to air bag diagnosis sensor unit when a side collision occurs. • When air bag diagnosis sensor unit defines both signal voltage of the “G” sensor, pressure 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 side air bag, curtain air bag and pre-tensioner.
Lap pre-tensioner LH	<ul style="list-style-type: none"> • Receives signal from air bag diagnosis sensor unit and deploys seat belt pre-tensioner and lap pre-tensioner. • In the case of a frontal collision or side collision that exceeds 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. • Lap pre-tensioner upgrades passenger restrain function by reducing movement of lumber during a frontal collision or side collision.
Occupant classification system control unit	Detects front passenger seat occupant.
Passenger air bag module	<ul style="list-style-type: none"> • Receives signal from air bag diagnosis sensor unit and deploys air bag. • 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.
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.

COMPONENT PARTS

< SYSTEM DESCRIPTION >

Component	Function
Satellite sensor LH/RH	<ul style="list-style-type: none"> • Transmits signal to air bag diagnosis sensor unit when a side collision occurs. • When air bag diagnosis sensor unit defines both signal voltage of the “G” sensor, pressure 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 side air bag and curtain air bag and seat belt pre-tensioner.
Seat belt buckle switch LH/RH	Controls deployment timing depending on the seat belt condition that is fastened or unfastened.
Seat belt pre-tensioner LH/RH	<ul style="list-style-type: none"> • Receives signal from air bag diagnosis sensor unit and deploys seat belt pre-tensioner and lap pre-tensioner. • In the case of a frontal collision or side collision that exceeds 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.
Side air bag module LH/RH	<ul style="list-style-type: none"> • Receives signal from air bag diagnosis sensor unit and deploys air bag. • 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.

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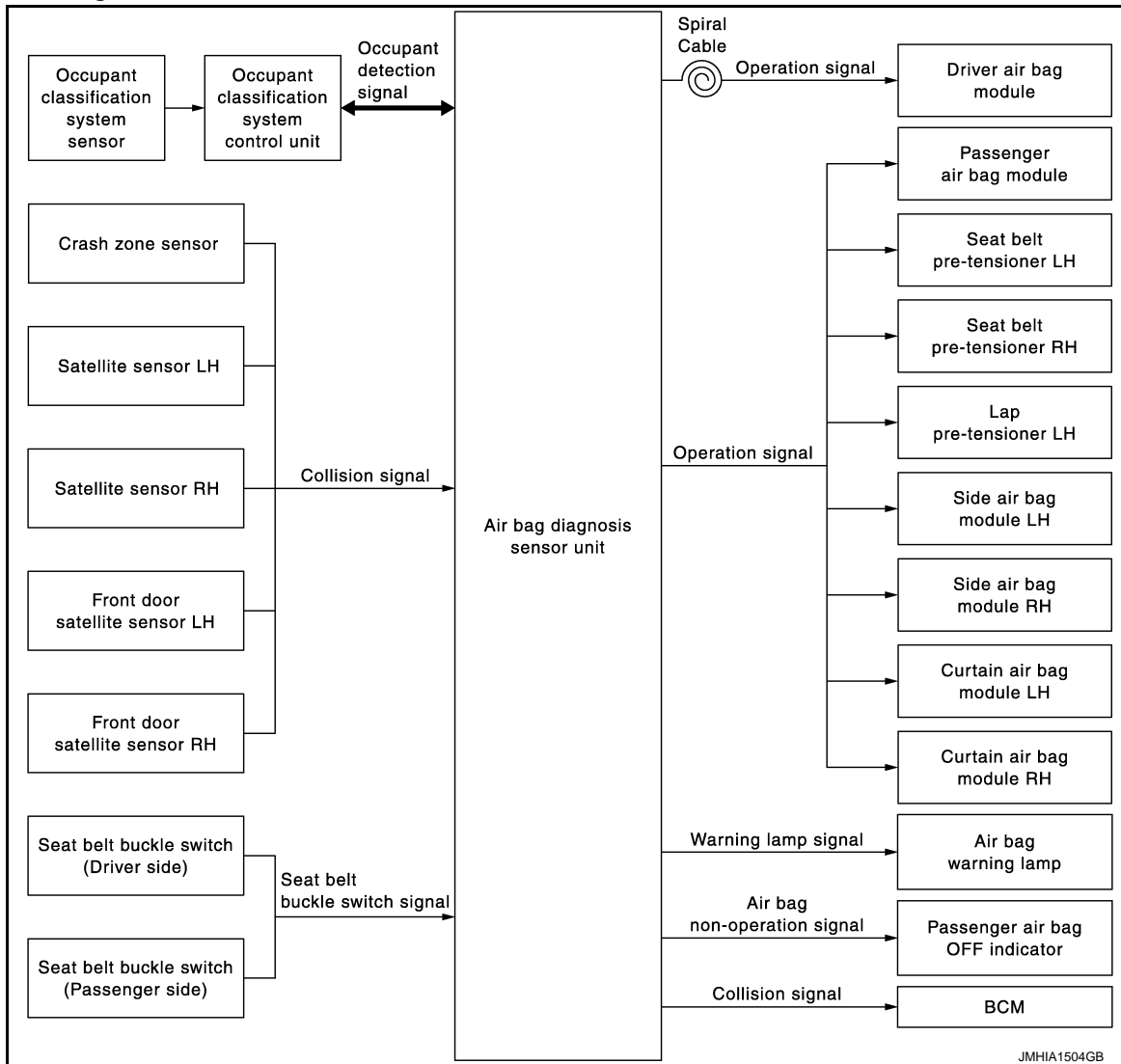
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SYSTEM

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 and pressure sensor in air bag diagnosis sensor unit, crash zone sensor, satellite sensor, or 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.

AIR BAG DIAGNOSIS SENSOR UNIT FUNCTIONS

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.

SYSTEM

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- 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-III.
- 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-7. "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 or 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
Driver air bag module	×	—	—
Passenger air bag module	×	—	—
Seat belt pre-tensioner LH	×	×	—
Seat belt pre-tensioner RH	×	—	×
Lap pre-tensioner LH	×	×	—
Side air bag module LH	—	×	—
Side air bag module RH	—	—	×
Curtain air bag module LH	—	×	—
Curtain air bag module RH	—	—	×

OCCUPANT CLASSIFICATION SYSTEM

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-III.

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

DIAGNOSIS SYSTEM (AIR BAG)

< SYSTEM DESCRIPTION >

DIAGNOSIS SYSTEM (AIR BAG)

Description

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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-III.
- 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-III are as per the following items.

×: Application, —: Not application

Diagnosis tool	User mode	Diagnosis mode
Air bag warning lamp	×	×
CONSULT-III	—	×

On Board Diagnosis Function

INFOID:000000006031222

ON-BOARD DIAGNOSIS

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

- USER MODE
- DIAGNOSIS MODE

METHOD OF STARTING

- 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 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. Diagnosis mode changes.

USER MODE

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

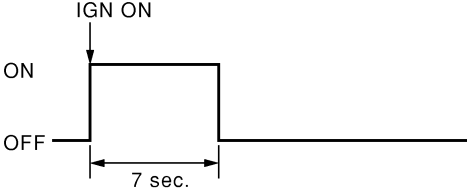
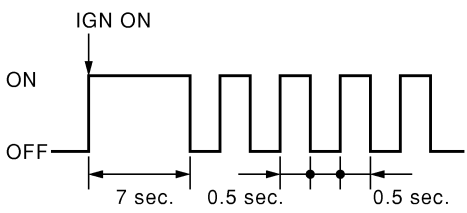
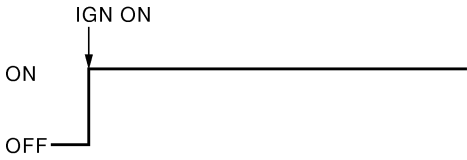

How to Read Air Bag Warning Lamp

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 >

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-16, "CONSULT-III Function", How to Erase Self-diagnostic Result</p> <p>Check "CAUSE OF WARNING" in "Special Function" with CONSULT-III Refer to SRC-16, "CONSULT-III Function"</p> <p>Go to GI-38, "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-150, "Diagnosis Procedure" or SRC-151, "Diagnosis Procedure"</p> <p>Go to SRC-170, "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-171, "Diagnosis Procedure"</p>

DIAGNOSIS MODE

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

How to Read Air Bag Warning Lamp

- Follow the procedures of "PROCEDURE TO CHANGE 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.

DIAGNOSIS SYSTEM (AIR BAG)

< 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
13	Lap pre-tensioner LH
17	Air bag diagnosis sensor unit

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
20	Front door satellite sensor LH/RH

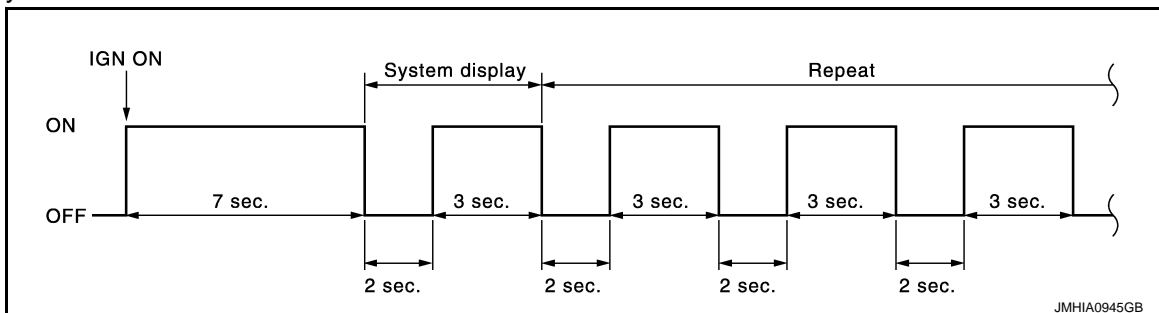
How to Erase Self-diagnostic Result

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.



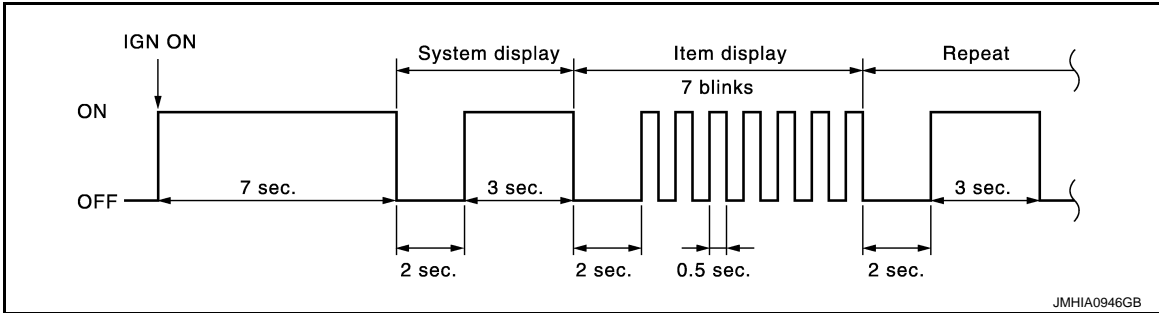
Single System Malfunction

- Front air bag system

DIAGNOSIS SYSTEM (AIR BAG)

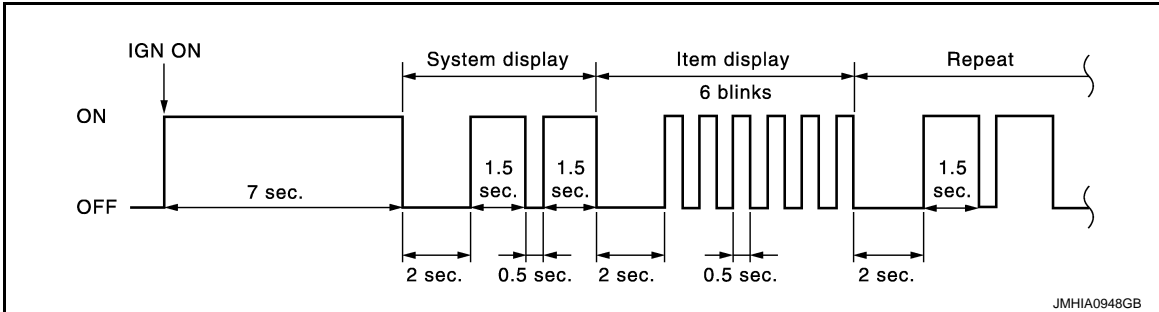
< SYSTEM DESCRIPTION >

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



- Side air bag system

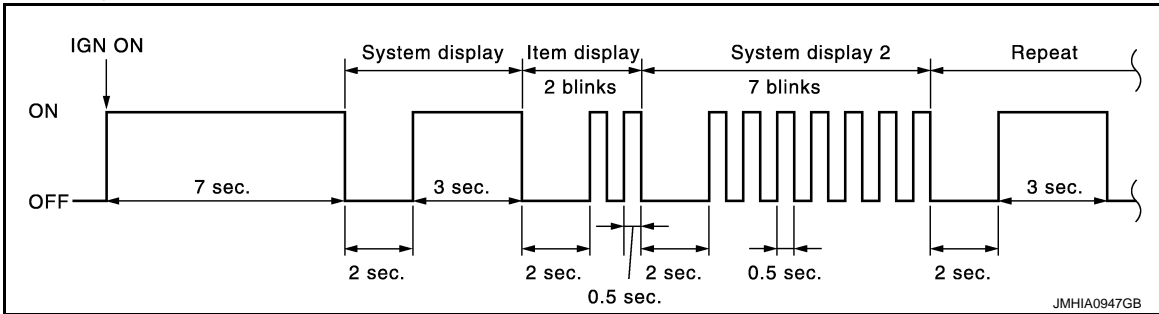
When curtain air bag module LH system (Item display 1) is malfunctioning.



Multiple Systems Malfunction

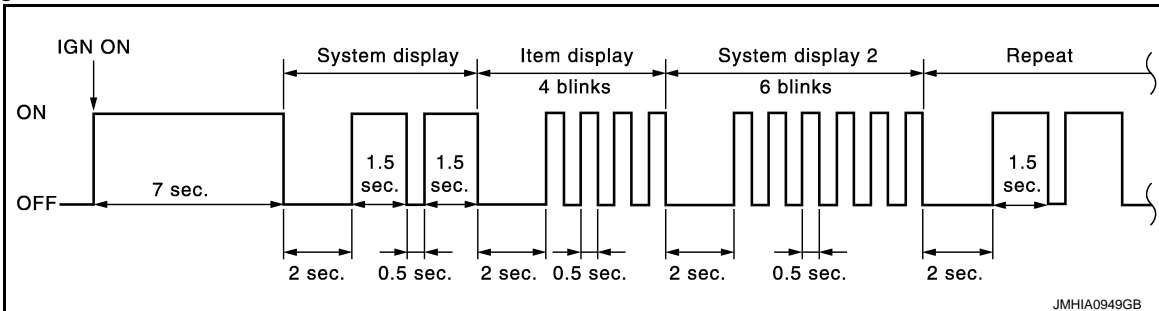
- Front air bag system

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

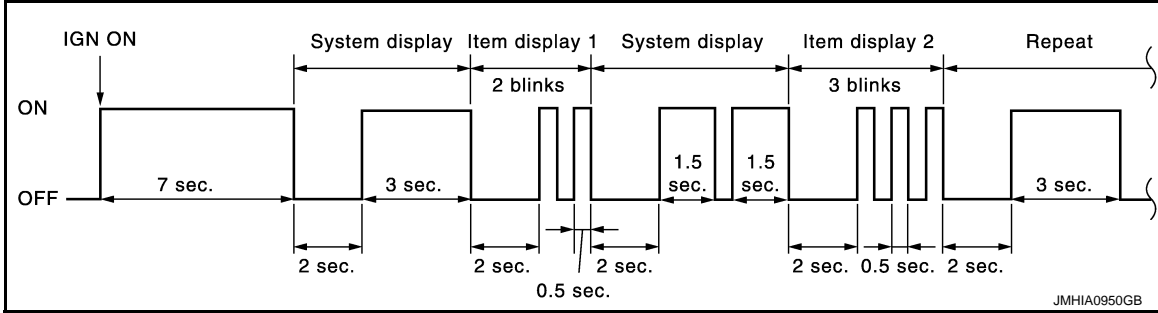
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DIAGNOSIS SYSTEM (AIR BAG)

< SYSTEM DESCRIPTION >

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



CONSULT-III Function

INFOID:000000006031223

APPLICATION ITEM

CONSULT-III performs the following functions.

Diagnosis mode		Description
Ecu Identification		Air bag diagnosis sensor unit ECU discriminated number (identification number) is displayed. Air bag diagnosis sensor unit has individual ECU discriminated number (identification number) based on model and equipment.
Self Diagnostic Result		The current self diagnosis results (also indicated with the number of air bag warning lamp blinks in the diagnosis mode) are displayed on CONSULT-III screen in real time. This refers to a malfunctioning part requiring repairs. Refer to SRC-18. "DTC Index" .
Function Test	CAR COMPUTER DIAG.	Test result is indicated using "OK" or "NG" so that the customer recognizes easily.
Special function	SELF-DIAG [PAST]	Diagnosis results previously stored in the memory are displayed on CONSULT-III screen. The stored results are not erased until memory erasing is executed.
	TROUBLE DIAG RECORD	With TROUBLE DIAG RECORD, diagnosis results previously erased by a reset operation can be displayed on CONSULT-III screen.
	SELF-DIAG RESULT [CAN]	Self-diagnosis result other than "SELF-DIAG RESULT [CAN]" is erased when touching "Erase".
	CAUSE OF WARNING	It displays the cause of warning lamp illumination that is not recorded in memory.

HOW TO ERASE SELF DIAGNOSTIC RESULTS

- "Self Diagnostic Result"
A current self-diagnostic result is displayed on CONSULT-III screen in real time. After the malfunction is repaired completely, no malfunction is detected on "Self Diagnostic Result".
- "SELF-DIAG [PAST]"
Return to "Self Diagnostic Result" CONSULT-III screen by touching the "BACK" key of CONSULT-III and select "Self Diagnostic Result" in SELECT DIAG MODE. Touch "Erase" in "Self Diagnostic Result" mode.
NOTE:
If the memory of the malfunction in "SELF-DIAG [PAST]" is not erased, the user mode shows the system malfunction by the illumination of the warning lamp even if the malfunction is repaired completely.
- "TROUBLE DIAG RECORD"
The memory of "TROUBLE DIAG RECORD" cannot be erased.
- "SELF-DIAG RESULT [CAN]"
Self-diagnosis result other than "SELF-DIAG RESULT [CAN]" is erased when touching "Erase".

SPECIAL FUNCTION

CAUSE OF WARNING

This item indicates IGN low voltage condition. The air bag warning lamp blink in user mode when the battery voltage is lowered to the voltage value (less than 9 V) at which the SRS cannot be operated normally. The air bag warning lamp turns OFF after the battery voltage returns to normal status after blinking.

DIAGNOSIS SYSTEM (AIR BAG)

< SYSTEM DESCRIPTION >

In such a case, the DTC memory is not performed and changing to the self-diagnostic mode by IGN operation cannot be performed while the air bag warning lamp illuminates. "NO DTC" is displayed even if the malfunctioning parts are checked by CONSULT-III.

This function records the following items.

Display contents of CONSULT-III		Description
Air bag	IGN VOLT COND	"LOW" is displayed when IGN low voltage is detected. If not, "OK" is displayed.
	IGN VOLT TIME	Times of IGN low voltage is detected.
	LOW V RECORDED	Times of IGN ON after IGN low voltage is detected.

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

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DIAGNOSIS SENSOR UNIT

DTC Index

INFOID:000000006031224

DTC	Diagnostic item	Explanation	Reference page	
—	NO DTC IS DETECTED.	When malfunction is indicated by the "AIR BAG" warning lamp in the user mode	Low battery voltage (Less than 9 V)	SRC-16, "CONSULT-III Function"
			Malfunction occurs in Occupant Classification System	SRC-172, "Diagnosis Procedure"
			Self-diagnostic result is not erased after repair	SRC-12, "On Board Diagnosis Function" , SRC-16, "CONSULT-III Function"
			Intermittent malfunction is detected in the past	GI-38, "Intermittent Incident"
		No malfunction is detected	—	
B1001-B1015	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<ul style="list-style-type: none"> • SRC-37, "DTC Logic" • SRC-38, "DTC Logic" • SRC-39, "DTC Logic" 	
B1017 B1020 B1021	OCCUPANT SENS C/U [UNIT FAIL]	Malfunction occurs in Occupant Classification System control unit	SRC-40, "DTC Logic"	
B1018	OCCUPANT SENS [UNIT FAIL]	Malfunction occurs in Occupant Classification System sensor	SRC-42, "DTC Logic"	
B1022	OCCUPANT SENS C/U [COMM FAIL]	Malfunction occurs in Occupant Classification System control unit, circuit of Occupant Classification System control unit, or air bag diagnosis sensor unit	SRC-44, "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-46, "DTC Logic"	
B1025 B1032 B1048	OCS SENSOR	Malfunction occurs in Occupant Classification System control unit, circuit of Occupant Classification System control unit, or air bag diagnosis sensor unit	SRC-48, "DTC Logic"	
B1026-B1031	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-50, "DTC Logic"	
B1033 B1034	CRASH ZONE SEN [UNIT FAIL]	Crash zone sensor is malfunctioning	SRC-51, "DTC Logic"	
B1035	CRASH ZONE SEN [COMM FAIL]	Crash zone sensor is malfunctioning	SRC-53, "DTC Logic"	
B1036	CRASH ZONE SEN [UNMATCH]	Crash zone sensor is out of the specified specification	SRC-55, "DTC Logic"	
B1037 B1039 B1041	CRASH ZONE SENS1	Crash zone sensor is malfunctioning	SRC-56, "DTC Logic"	
B1042-B1047	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-58, "DTC Logic"	
B1049 B1054	DRIVER AIRBAG MODULE [OPEN]	Driver air bag module circuit is open (including the spiral cable)	SRC-59, "DTC Logic"	

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

DTC	Diagnostic item	Explanation	Reference page
B1050 B1055	DRIVER AIRBAG MODULE [VB-SHORT]	Driver air bag module circuit is shorted to power supply circuit (including the spiral cable)	SRC-61, "DTC Logic"
B1051 B1056	DRIVER AIRBAG MODULE [GND-SHORT]	Driver air bag module circuit is shorted to ground (including the spiral cable)	SRC-63, "DTC Logic"
B1052 B1057	DRIVER AIRBAG MODULE [SHORT]	Driver air bag module circuits are shorted to each other (including spiral cable)	SRC-65, "DTC Logic"
B1058-B1063	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-67, "DTC Logic"
B1065 B1070	ASSIST A/B MODULE [OPEN]	Passenger air bag module circuit is open	SRC-68, "DTC Logic"
B1066 B1071	ASSIST A/B MODULE [VB-SHORT]	Passenger air bag module circuit is shorted to power supply circuit	SRC-70, "DTC Logic"
B1067 B1072	ASSIST A/B MODULE [GND-SHORT]	Passenger air bag module circuit is shorted to ground	SRC-72, "DTC Logic"
B1068 B1073	ASSIST A/B MODULE [SHORT]	Passenger air bag module circuits are shorted to each other	SRC-74, "DTC Logic"
B1074-B1079	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-76, "DTC Logic"
B1080 B1096	DRIVER AIRBAG MODULE [SHORT]	Driver air bag module circuits are shorted to each other (including spiral cable)	SRC-77, "DTC Logic"
B1081	PRE-TEN FRONT RH [OPEN]	Front seat belt pre-tensioner RH circuit is open	SRC-79, "DTC Logic"
B1082	PRE-TEN FRONT RH [VB-SHORT]	Front seat belt pre-tensioner RH circuit is shorted to power supply circuit	SRC-81, "DTC Logic"
B1083	PRE-TEN FRONT RH [GND-SHORT]	Front seat belt pre-tensioner RH circuit is shorted to ground	SRC-83, "DTC Logic"
B1084	PRE-TEN FRONT RH [SHORT]	Front seat belt pre-tensioner RH circuits are shorted to each other	SRC-85, "DTC Logic"
B1086	PRE-TEN FRONT LH [OPEN]	Front seat belt pre-tensioner LH circuit is open	SRC-87, "DTC Logic"
B1087	PRE-TEN FRONT LH [VB-SHORT]	Front seat belt pre-tensioner LH circuit is shorted to power supply circuit	SRC-89, "DTC Logic"
B1088	PRE-TEN FRONT LH [GND-SHORT]	Front seat belt pre-tensioner LH circuit is shorted to ground	SRC-91, "DTC Logic"
B1089	PRE-TEN FRONT LH [SHORT]	Front seat belt pre-tensioner LH circuits are shorted to each other	SRC-93, "DTC Logic"
B1090-B1095	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-95, "DTC Logic"
B1106-B1111	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-96, "DTC Logic"
B1113 B1114	SATELLITE SENS RH [UNIT FAIL]	Satellite sensor RH is malfunctioning	SRC-97, "DTC Logic"
B1115	SATELLITE SENS RH [COMM FAIL]	Satellite sensor RH is malfunctioning	SRC-99, "DTC Logic"
B1116	SATELLITE SENS RH [UNMATCH]	Satellite sensor RH is out of the specified specification	SRC-101, "DTC Logic"
B1118 B1119	SATELLITE SENS LH [UNIT FAIL]	Satellite sensor LH is malfunctioning	SRC-102, "DTC Logic"
B1120	SATELLITE SENS LH [COMM FAIL]	Satellite sensor RH is malfunctioning	SRC-104, "DTC Logic"
B1121	SATELLITE SENS LH [UNMATCH]	Satellite sensor RH is out of the specified specification	SRC-106, "DTC Logic"

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DIAGNOSIS SENSOR UNIT

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DTC	Diagnostic item	Explanation	Reference page
B1122-B1127	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-107, "DTC Logic"
B1129	SIDE MODULE RH [OPEN]	Side air bag module RH circuit is open	SRC-108, "DTC Logic"
B1130	SIDE MODULE RH [VB-SHORT]	Side air bag module RH circuit is shorted to power supply circuit	SRC-110, "DTC Logic"
B1131	SIDE MODULE RH [GND-SHORT]	Side air bag module RH circuit is shorted to ground	SRC-112, "DTC Logic"
B1132	SIDE MODULE RH [SHORT]	Front seat belt pre-tensioner RH circuits are shorted to each other	SRC-114, "DTC Logic"
B1134	SIDE MODULE LH [OPEN]	Side air bag module LH circuit is open	SRC-116, "DTC Logic"
B1135	SIDE MODULE LH [VB-SHORT]	Side air bag module LH circuit is shorted to power supply circuit	SRC-118, "DTC Logic"
B1136	SIDE MODULE LH [GND-SHORT]	Side air bag module LH circuit is shorted to ground	SRC-120, "DTC Logic"
B1137	SIDE MODULE LH [SHORT]	Side air bag module LH circuits are shorted to each other	SRC-122, "DTC Logic"
B1138-B1143	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-124, "DTC Logic"
B1144	CONTROL UNIT [MISS INSTALLATION]	Air bag diagnosis sensor unit is malfunctioning or out of the specified specification	SRC-125, "DTC Logic"
B1145	CURTAIN MODULE RH [OPEN]	Curtain air bag module RH circuit is open	SRC-126, "DTC Logic"
B1146	CURTAIN MODULE RH [VB-SHORT]	Curtain air bag module RH circuit is shorted to power supply circuit	SRC-128, "DTC Logic"
B1147	CURTAIN MODULE RH [GND-SHORT]	Curtain air bag module RH circuit is shorted to ground	SRC-130, "DTC Logic"
B1148	CURTAIN MODULE RH [SHORT]	Curtain air bag module RH circuits are shorted to each other	SRC-132, "DTC Logic"
B1150	CURTAIN MODULE LH [OPEN]	Curtain air bag module LH circuit is open	SRC-134, "DTC Logic"
B1151	CURTAIN MODULE LH [VB-SHORT]	Curtain air bag module LH circuit is shorted to power supply circuits	SRC-136, "DTC Logic"
B1152	CURTAIN MODULE LH [GND-SHORT]	Curtain air bag module LH circuit is shorted to ground	SRC-138, "DTC Logic"
B1153	CURTAIN MODULE LH [SHORT]	Curtain air bag module LH circuits are shorted to each other	SRC-140, "DTC Logic"
B1154-B1159	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-142, "DTC Logic"
B1170-B1175	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-143, "DTC Logic"
B1182	PRE-TEN2 FRONT LH [OPEN]	Lap pre-tensioner LH circuit is open	SRC-144, "DTC Logic"
B1183	PRE-TEN2 FRONT LH [VB-SHORT]	Lap pre-tensioner LH circuit is shorted to power supply circuit	SRC-145, "DTC Logic"
B1184	PRE-TEN2 FRONT LH [GND-SHORT]	Lap pre-tensioner LH circuit is shorted to ground	SRC-146, "DTC Logic"
B1185	PRE-TEN2 FRONT LH [SHORT]	Lap pre-tensioner LH circuits are shorted to each other	SRC-147, "DTC Logic"
B1186-B1191	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-148, "DTC Logic"

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

DTC	Diagnostic item	Explanation	Reference page
B1202-B1207	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-149, "DTC Logic"
B1209	FRONTAL COLLISION DETECTION	Front seat belt pre-tensioner, driver air bag and passenger air bag are deployed	SRC-150, "Description"
B1210	SIDE COLLISION DETECTION	Side air bag, curtain air bag and front seat belt pre-tensioner are deployed	SRC-151, "DTC Logic"
B1212-B1214	RH1 SAT-SENS	Satellite sensor RH is malfunctioning	SRC-152, "DTC Logic"
B1215-B1217	LH1 SAT-SENS	Satellite sensor LH is malfunctioning	SRC-154, "DTC Logic"
B1218-B1223	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-156, "DTC Logic"
B1234-B1239	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-157, "DTC Logic"
B1250-B1255	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-158, "DTC Logic"
B1336 B1337	FR-RH DOOR SATEL SENS [SENSOR MALFUNCTION]	Front door satellite sensor RH is malfunctioning	SRC-159, "DTC Logic"
B1338 B1340 B1341 B1342	FR-RH DOOR SATEL SENS [COMM MALFUNCTION]	Front door satellite sensor RH is malfunctioning	SRC-161, "DTC Logic"
B1339	FR-RH DOOR SATEL SENS [MIS-INSTALLATION]	Front door satellite sensor RH is out of the specified specification	SRC-163, "DTC Logic"
B1343 B1344	FR-LH DOOR SATEL SENS [SENSOR MALFUNCTION]	Front door satellite sensor LH is malfunctioning	SRC-164, "DTC Logic"
B1345 B1347 B1348 B1349	FR-LH DOOR SATEL SENS [COMM MALFUNCTION]	Front door satellite sensor LH is malfunctioning	SRC-166, "DTC Logic"
B1346	FR-LH DOOR SATEL SENS [MIS-INSTALLATION]	Front door satellite sensor LH is out of the specified specification	SRC-168, "DTC Logic"
B1350	FR DOOR SATEL SENS	Front door satellite sensor is malfunctioning	SRC-169, "DTC Logic"

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SRS AIR BAG SYSTEM

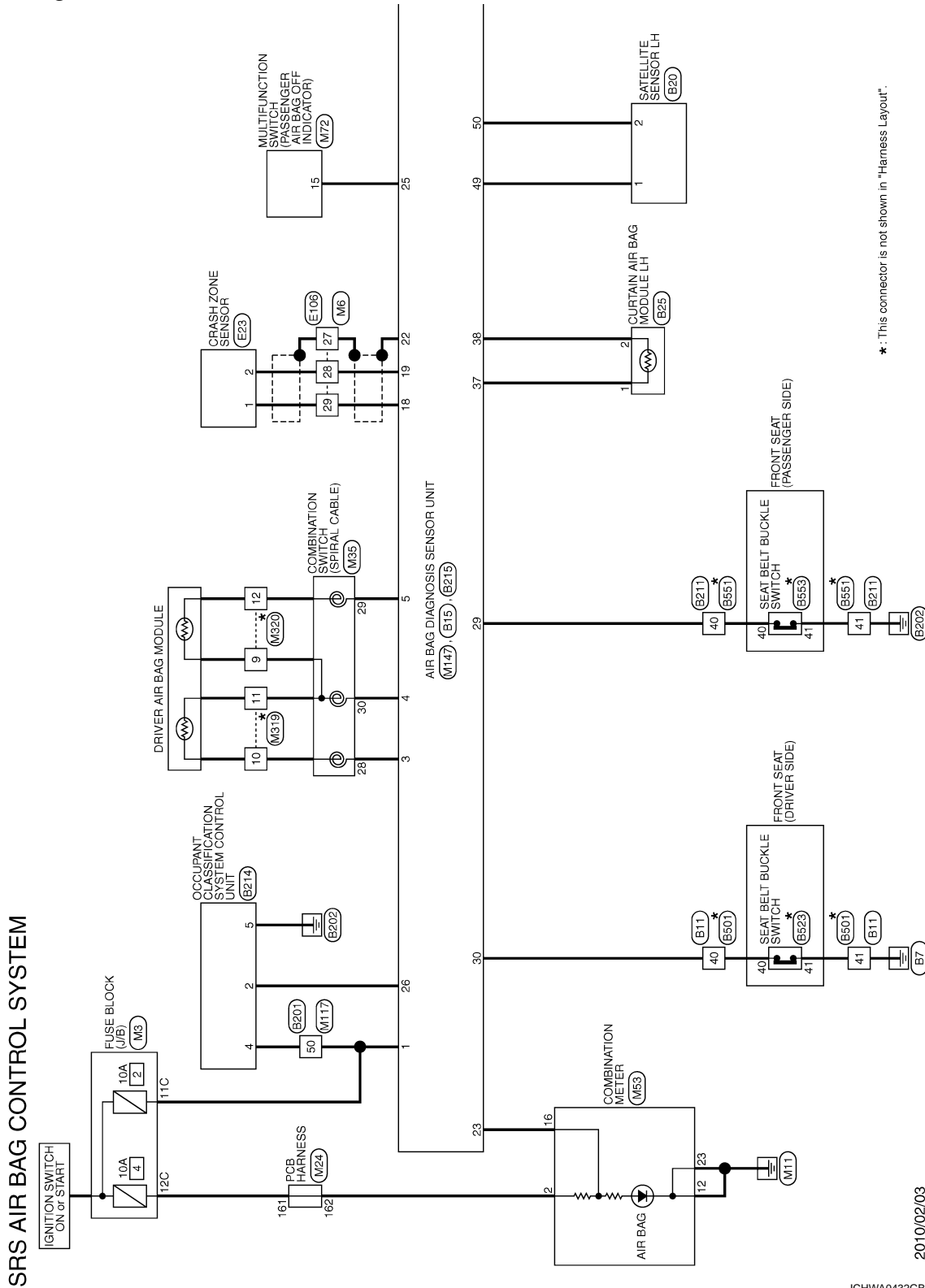
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WIRING DIAGRAM

SRS AIR BAG SYSTEM

Wiring Diagram

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

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SRS AIR BAG SYSTEM

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SRS AIR BAG CONTROL SYSTEM

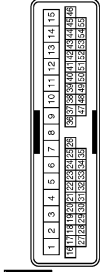
Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH00PW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	
2	W	
4	LG	
5	P	
6	V	
7	GR	
8	Y	
9	LG	
10	V	
11	GR	- [With Climate controlled seat]
11	L	- [With heated seat]
12	P	- [With Climate controlled seat]
12	GR	- [With heated seat]
13	BR	
14	R	
15	O	
16	V	
17	B	
18	R	
19	W	
20	R	
21	B	
22	LG	
23	V	
24	Y	
25	G	
26	GR	
27	SB	
28	P	- [With Pre-crash seat belt system]
28	L/O	- [Without Pre-crash seat belt system]
29	L	- [With Pre-crash seat belt system]
29	W/L	- [Without Pre-crash seat belt system]
30	SHIELD	
32	L	
33	R	
34	L	
35	R	
36	G	

37	SB	
40	SHIELD	
41	GR/V	
42	W/L	
45	W	
47	O	
48	V	
49	BR	
50	SB	
51	V	
52	LG	
53	G	
56	P	
57	BR	
58	LG	
59	Y	
60	W	
61	B	
62	LG	
63	BR	
63	V	- [With ICC and 4WAS system]
63	V	- [Without ICC and 4WAS system]
65	O	
66	BR	
67	V	
68	LG	
69	GR	
70	R	
72	L	
73	P	
74	L	
75	P	
76	Y	
77	R	
78	W	
79	G	
81	LG	
82	BR	
83	SB	
84	Y	
85	W	
86	R	
87	G	
88	GR	
91	SB	
92	G	
96	Y	
97	O	
98	SB	
99	LG	

Connector No.	B4
Connector Name	WIRE TO WIRE
Connector Type	TH40MM-CS15



Terminal No.	Color of Wire	Signal Name [Specification]
5	B/W	
6	L	
7	R	
8	B	
9	W	
10	LG	
11	P	
12	GR	
13	B/W	
14	SB	
15	O	
16	G	
17	Y	
18	BR	
19	GR	
20	O	
21	LG	
22	L	
23	SB	
24	V	
27	V	
28	W	
29	SB	
30	L	
31	LG	
32	O	
33	V	
34	BR	
35	B/R	
36	P	
37	BR	
38	W	
39	O	
40	L	
41	SHIELD	
42	L	- [With Pre-crash seat belt system]
42	W/L	- [Without Pre-crash seat belt system]
43	P	- [With Pre-crash seat belt system]

43	L/O	- [Without Pre-crash seat belt system]
44	R	
45	Y	
46	V	
47	SB	
48	GR	
49	LG	
50	B	
51	G	
52	R	
53	B	
54	V	
55	W	

Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Type	NS16RW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	
2	B	
23	L	
24	P	
25	BR	
26	W	
27	L	
28	P	
29	O	
30	V	
31	BR	
32	LG	
35	LG	
40	O	
41	B	

SRS AIR BAG SYSTEM

< WIRING DIAGRAM >

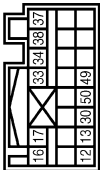
SRS AIR BAG CONTROL SYSTEM

Connector No.	B12
Connector Name	SIDE AIR BAG MODULE LH
Connector Type	TK02FY-EX-1V



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	
2	L	

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



Terminal No.	Color of Wire	Signal Name [Specification]
12	P	PLH (+)
13	G	PLH (-)
16	SB	PLH2 (+)
17	V	PLH2 (-)
30	O	LH BUCKLE SW INPUT
33	R	SLH (+)
34	L	SLH (-)
37	Y	CLH (+)
38	BR	CLH (-)
49	LG	SATELLITE LH (+)
50	GR	SATELLITE LH (-)

Connector No.	B19
Connector Name	SEAT BELT PRE-TENSIONER LH
Connector Type	ACA02FY-2V



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	
2	G	

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	
2	GR	

Connector No.	B25
Connector Name	CURTAIN AIR BAG MODULE LH
Connector Type	ACA02FY-2V



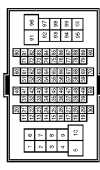
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	
2	BR	

Connector No.	B55
Connector Name	LAP PRE-TENSIONER LH
Connector Type	ACA02FY-R



Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	
2	V	

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CSS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
3	R	
17	GR	
18	P	
19	BR	
20	GR	
21	Y	
22	GR	
23	R	
24	V	
25	B	
26	W	
27	O	
28	P	
29	V	
30	O	
31	B/R	
32	Y	
40	SHIELD	
41	W/R	
42	V	

44	P		
45	SB		
46	R		[With Climate controlled seat]
46	Y		[With heated seat]
47	G		[With Climate controlled seat]
47	GR		[With heated seat]
48	V		
49	O		
50	R		
51	GR		
52	LG		
53	P		
56	P		
57	W		
58	O		
59	Y		
61	SB		
62	L		
63	W		
65	L		
67	Y		
68	SB		
69	B		
70	R		
76	SHIELD		
77	G		
78	R		
79	P		
80	G		
81	P		
82	BR		
83	GR		
84	V		
85	LG		
86	W		
87	O		
88	Y		
89	BR		
90	L		
91	BR		
93	Y		[With Climate controlled seat]
93	O		[With heated seat]
94	GR		
96	W		
97	P		
98	LG		
99	LG		
100	Y		

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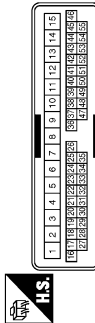
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SRS AIR BAG SYSTEM

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SRS AIR BAG CONTROL SYSTEM

Connector No.	B204
Connector Name	WIRE TO WIRE
Connector Type	TH00NW-CS15



Connector No.	B211
Connector Name	WIRE TO WIRE
Connector Type	TK10PW-NSS



Connector No.	B214
Connector Name	OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT
Connector Type	1H08FW-NH



Connector No.	B219
Connector Name	SEAT BELT PRE-TENSIONER RH
Connector Type	ACA02FY-2V

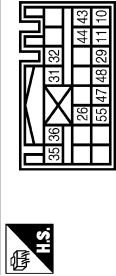


Terminal No.	Color of Wire	Signal Name [Specification]
2	B/W	-
3	B/W	-
5	Y	-
9	R	-
10	P	-
11	Y	-
12	Y	-
13	BR	-
14	LG	-
15	GR	-
16	G	-
17	P	-
18	BR	-
18	GR	-
20	V	-
21	LG	-
22	W	-
23	O	-
24	Y	-
25	BR	-
26	L	-
32	G	-
33	R	-
34	SHIELD	-
35	P	-
36	B/R	-
37	BR	-
38	SB	-
39	P	-
44	SB	-
45	R	-
46	B	-

Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	-
2	B	-
35	G	-
40	L	-
41	B	-
46	Y	-
47	BR	-
48	SHIELD	-
49	L	-
50	B/W	-
52	SB	-
53	O	-
54	R	- [With Climate controlled seat]
54	R	- [With heated seat]
55	Y	-
56	G	-
57	V	-
58	B	- [With Climate controlled seat]
58	GR	- [With heated seat]

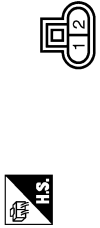
Terminal No.	Color of Wire	Signal Name [Specification]
2	V	COMMUNICATION
4	R	IGN
5	B	GND

Connector No.	B215
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH42FY-1V-EX



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	L	-

Connector No.	B220
Connector Name	SATELLITE SENSOR RH
Connector Type	HK02FY-1V-EX-LC



Terminal No.	Color of Wire	Signal Name [Specification]
10	W	PRH (+)
11	L	PRH (-)
26	V	ODS INPUT
29	L	RH BUCKLE SW INPUT
31	LG	SRH (+)
32	B	SRH (-)
35	Y	GRI (+)
36	BR	GRI (-)
47	G	SATELLITE RH (+)
48	R	SATELLITE RH (-)

Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	R	-

Connector No.	B212
Connector Name	SIDE AIR BAG MODULE RH
Connector Type	TK02FY-EX-1V



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	-
2	B	-

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

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SRS AIR BAG SYSTEM

< WIRING DIAGRAM >

SRS AIR BAG CONTROL SYSTEM

Connector No.	B501
Connector Name	WIRE TO WIRE
Connector Type	HS18MW-CS



24	28	34	32	31	30	29		
40	41	35	28	2	27	1	26	25

Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	B	-
23	P	-
24	P/L	-
25	G/O	-
26	L/O	-
27	V	-
28	V/W	-
29	L	-
30	BR	-
31	BR/W	-
32	W/L	-
36	W/Y	-
40	W/G	-
41	GR	-

Connector No.	B523
Connector Name	SEAT BELT BUCKLE SWITCH
Connector Type	A03MW-P-B



40	41	35
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Terminal No.	Color of Wire	Signal Name [Specification]
35	W/Y	-
40	W/G	-
41	GR	-

Connector No.	B551
Connector Name	WIRE TO WIRE
Connector Type	TK10MW-NS



34	50	49	57	40	41	35	48	47	46			
56	1	58	1	55	1	54	1	53	2	1	52	1

Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	B	-
35	W/Y	-
40	W/G	-
41	GR	-
46	R	-
47	G	-
48	R/Y	-
49	P	-
50	L	-
52	L/B	-
53	Y/W	- [With Climate controlled seat]
54	Y	- [With heated seat]
55	R/W	- [With heated seat]
56	Y	- [With heated seat]
57	B/W	- [With heated seat]
58	LG/R	- [With heated seat]
59	V	- [With heated seat]
56	V	- [With heated seat]
57	B/P	- [With heated seat]
58	B/W	- [With heated seat]
58	LG/B	- [With heated seat]

Connector No.	B563
Connector Name	SEAT BELT BUCKLE SWITCH
Connector Type	A03MW-P-B



40	41	35
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Terminal No.	Color of Wire	Signal Name [Specification]
35	W/Y	-

40	W/G	-
41	GR	-

Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	TH40PW-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	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Terminal No.	Color of Wire	Signal Name [Specification]
5	B	-
6	L	-
7	R	-
8	GR	-
9	G	-
10	LG	-
11	P	-
12	LG	-
13	B/W	-
14	Y	-
15	O	-
16	R	-
17	Y	-
18	BR	-
19	W	-
20	O	-
21	GR	-
22	G	-
23	LG	-
24	B	-
27	V	-
28	W	-
29	GR	-
30	G	-
31	Y	-
32	O	-
33	BR	-
34	L	-
35	P	-
36	V	-
37	GR	-
38	O	-
39	W	-
40	R	-

41	SHIELD	-
42	L	-
43	P	-
44	V	-
45	LG	-
46	BR	-
47	L	-
48	Y	-
49	P	-
50	B/W	-
51	G	-
52	Y	-
53	B/W	-
54	W	-
55	W	-

Connector No.	D13
Connector Name	FRONT DOOR SATELLITE SENSOR LH
Connector Type	HK02FY-1V-EX-LC



1	2
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Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	L	-

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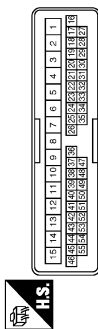
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SRS AIR BAG SYSTEM

< WIRING DIAGRAM >

SRS AIR BAG CONTROL SYSTEM

Connector No.	D31
Connector Name	WIRE TO WIRE
Connector Type	TH8DFW-CS15



Connector No.	D43
Connector Name	FRONT DOOR SATELLITE SENSOR RH
Connector Type	HK02FY-1V-EX-LC



Terminal No.	Color of Wire	Signal Name [Specification]
2	B	
3	B/W	
5	GR	
9	V	
10	R	
11	L	
12	Y	
13	BR	
14	G	
15	SB	
16	G	
17	O	
18	BR	
19	GR	
20	V	
21	LG	
22	SB	
23	G	
24	Y	
25	BR	
26	L	
32	L/O	
33	W/L	
34	SHIELD	
35	W	
36	L	
37	P	
38	SB	
39	O	
44	SB	
45	R	
46	B/W	

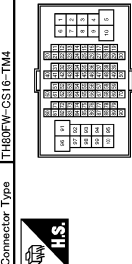
Terminal No.	1	2
Color of Wire	L/O	W/L
Signal Name [Specification]		

Connector No.	E23
Connector Name	CRASH ZONE SENSOR
Connector Type	HK02FY-1V-EX-LC



Terminal No.	1	2
Color of Wire	W/L	L/O
Signal Name [Specification]		

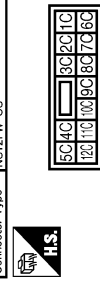
Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH8DFW-CS16-TM4



Terminal No.	1	2
Color of Wire	P	W
Signal Name [Specification]		

85	Y	-
86	L	-
87	V	-
88	BR	-
89	LG	-
90	W	-
91	W	-
92	P	-
93	LG	-
94	BR	-
95	W	-
96	R	-
97	R	-
98	Y	-
99	V	-
100	V	-

Connector No.	M3
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS1ZFW-CS



Terminal No.	8C	7C	9C	10C	11C	12C
Color of Wire	R	B	L	LG	LG	BG
Signal Name [Specification]						

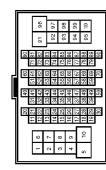
3	SB	-
4	LG	-
5	O	-
7	GR	-
8	Y	-
9	G	-
10	BR	-
11	SB	-
12	V	-
13	GR	-
14	GR	-
15	V	-
16	Y	-
17	GR	-
18	V	-
20	BR	-
21	P	-
22	L	-
23	P	-
27	SHIELD	-
28	L/O	-
29	W/L	-
31	BR	-
32	G	-
33	O	-
34	Y	-
40	BR	-
41	BR	-
42	L	-
43	P	-
44	W	-
45	L	-
46	GR	-
47	V	-
48	O	-
49	G	-
50	LG	-
60	W	-
61	G	-
62	Y	-
63	BR	-
64	B	-
65	Y	-
66	R	-
67	SB	-
77	O	-
78	SB	-
80	G	-
81	R	-
82	SB	-
83	GR	-
84	Y	-

SRS AIR BAG SYSTEM

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SRS AIR BAG CONTROL SYSTEM

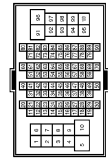
Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	W	-
3	SB	-
4	LG	-
5	W	-
7	BG	-
8	G	-
9	Y	-
10	W	-
11	R	-
12	V	-
13	LG	-
14	L	-
15	V	-
16	B	-
17	GR	-
18	V	-
20	SB	-
21	BR	-
22	L	-
23	P	-
27	SHIELD	-
28	V	-
29	SB	-
31	BG	-
32	P	-
33	R	-
34	BG	-
40	BR	-
41	BR	-
42	L	-
43	P	-
44	BR	-
45	Y	-
46	BG	-
47	V	-
48	G	-
49	BG	-

50	W	-
60	GR	-
61	B	-
62	LG	-
63	BR	-
64	L	-
65	R	-
66	P	-
67	L	-
77	B	-
78	V	-
80	G	-
81	L	-
82	B	-
83	BG	-
84	SB	-
85	Y	-
86	L	-
87	V	-
88	V	-
89	LG	-
90	BG	-
91	W	-
92	BG	-
93	G	-
94	Y	-
95	W	-
96	R	-
97	SB	-
98	R	-
99	W	-
100	L	-

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	Y	-
4	BR	-
5	P	-

6	W	-
7	G	-
8	Y	-
9	G	-
10	V	-
11	L	- [With Climate controlled seat]
12	P	- [With heater seat]
12	GR	- [With Climate controlled seat]
13	BR	-
14	GR	-
15	BG	-
16	V	-
17	BG	- [With ICC]
17	B	- [Without ICC]
18	L	-
19	W	-
20	R	-
21	B	-
22	LG	-
23	W	-
24	V	-
25	G	-
26	BR	-
27	SB	-
28	P	-
29	L	-
30	SHIELD	-
32	L	-
33	P	-
34	L	-
35	P	-
36	BG	-
37	SB	-
40	SHIELD	-
41	SB	-
42	V	-
45	W	-
47	L	-
48	LG	-
49	BR	-
50	V	-
51	V	-
52	P	-
53	BG	-
56	SB	-
57	P	-
58	LG	-
59	V	-
60	GR	-
61	B	-
62	LG	-

63	BR	-
65	W	-
66	R	-
67	V	-
68	LG	-
69	SB	-
70	V	-
72	L	-
73	P	-
74	L	-
75	P	-
76	G	-
77	Y	-
78	SB	-
79	W	-
81	LG	-
82	BR	-
83	BG	-
84	B	-
85	W	-
86	G	-
87	R	-
88	G	-
91	W	-
92	G	-
96	W	-
97	BG	-
98	V	-
99	LG	-

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SRS AIR BAG CONTROL SYSTEM

Connector No.	M24
Connector Name	POB HARNESS
Connector Type	TH40FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
161	BG	-
162	BG	-
163	BG	-
164	V	-
165	V	-
166	R	-
167	LG	-
168	R	-
169	R	-
170	B	-
172	B	-
174	W	-
175	B	-
176	L	-
177	P	-
178	Y	-
179	L	-
180	LG	-
182	BR	-
183	G	-
184	V	-
185	P	- [With BOSE system]
185	V	- [Without BOSE system]
186	R	-
187	L	-
188	Y	-
189	B	-
190	V	-
191	G	-
192	B	-
193	SB	-
194	BR	-
198	R	-
199	B	-
200	SB	-

Connector No.	M35
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK08FY-EX-1V



Terminal No.	Color of Wire	Signal Name [Specification]
23	R	-
28	Y	-
29	Y	-
30	Y	-

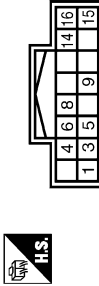
Connector No.	M53
Connector Name	COMBINATION METER
Connector Type	TH40FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	BATTERY POWER SUPPLY
2	BG	IGNITION SIGNAL
3	GR	VEHICLE SPEED SIGNAL (2-PULSE)
4	R	VEHICLE SPEED SIGNAL (8-PULSE)
5	B	ILLUMINATION CONTROL SIGNAL
6	B	METER CONTROL SWITCH GROUND
7	SB	ENTER SWITCH SIGNAL
8	LG	SELECT SWITCH SIGNAL
9	G	ILLUMINATION CONTROL SWITCH SIGNAL (○)
10	GR	ILLUMINATION CONTROL SWITCH SIGNAL (○)
11	L	TRIP RESET SWITCH SIGNAL
12	B	GROUND
14	L	CAN-H
15	P	CAN-L
16	R	AIR BAG SIGNAL
22	B	GROUND
24	B	FUEL LEVEL SENSOR GROUND
25	W	ALTERNATOR SIGNAL

26	V	PARKING BRAKE SWITCH SIGNAL
27	V	BRAKE FLUID LEVEL SWITCH SIGNAL
28	G	SECURITY SIGNAL
29	L	WASHER LEVEL SWITCH SIGNAL
32	G	PADDLE SHIFTER SHIFT DOWN SIGNAL
33	BG	PADDLE SHIFTER SHIFT UP SIGNAL
34	G	FUEL LEVEL SENSOR SIGNAL
35	W	SEAT BELT BUCKLE SWITCH SIGNAL (DRIVER SIDE)
36	G	PASSENGER SEAT BELT WARNING SIGNAL
37	G	NON-MANUAL MODE SIGNAL
38	V	MANUAL MODE SHIFT DOWN SIGNAL
39	L	MANUAL MODE SHIFT UP SIGNAL
40	W	MANUAL MODE SIGNAL

Connector No.	M72
Connector Name	MULTIFUNCTION SWITCH
Connector Type	TH16FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GROUND
3	V	ACC
4	R	ILL
5	B	ILL CONT
6	SB	AV COMM (H)
8	LG	AV COMM (L)
9	BR	SW GND
14	SB	DISK EJECT SIGNAL
15	R	AIR BAG CUT OFF
16	G	HAZARD ON

Connector No.	M101
Connector Name	PASSENGER AIR BAG MODULE
Connector Type	FK0MFY-BD



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

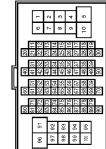
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SRS AIR BAG SYSTEM

< WIRING DIAGRAM >

SRS AIR BAG CONTROL SYSTEM

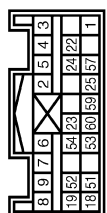
Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH08FW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	-
17	GR	-
18	P	-
19	BR	-
20	GR	-
21	Y	-
22	LG	-
23	R	-
24	BG	-
25	LG	-
26	W	-
27	R	-
28	V	-
29	P	-
30	B	-
31	Y	-
32	Y	-
40	SHIELD	-
41	R	-
42	V	-
44	W	-
45	SB	-
46	L	- [With Climate controlled seat]
46	BG	- [With heated seat]
47	G	- [With Climate controlled seat]
47	GR	- [With heated seat]
48	V	-
49	BG	-
50	LG	-
51	SB	-
52	Y	-
53	W	-
56	B	-
57	G	-
58	R	-
58	W	-
61	LG	-
62	V	-

63	R	-
66	L	-
67	Y	-
68	SB	-
68	B	-
70	R	-
76	SHIELD	-
77	G	-
78	R	-
79	L	-
80	G	-
81	BG	-
82	BR	-
83	GR	-
84	V	-
85	LG	-
86	V	-
87	R	-
88	Y	-
89	BR	-
90	L	-
91	Y	-
93	W	- [With Climate controlled seat]
93	G	- [With heated seat]
94	V	-
96	W	-
97	Y	-
98	BR	-
99	G	-
100	Y	-

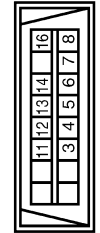
Connector No.	M147
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH28FY-EX



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	IGN
2	B	GND
3	Y	DR1 (A)
4	Y	DR1 (C) DR2 (-)
5	Y	DR2 (+)
6	Y	AS1 (+)

7	Y	AS1 (-)
8	Y	AS2 (+)
9	Y	AS2 (-)
18	SB	EGZS (A)
19	V	EGZS (C)
22	SHIELD	GND
23	R	AIR BAG W/L
24	G	SEAT BELT
25	R	CUTOFF TELLTALE
51	G	SATELLITE RHZ (+)
52	R	SATELLITE RHZ (-)
53	P	SATELLITE RHZ (+)
54	L	SATELLITE RHZ (-)
57	L	IVCS
59	L	CAN-H
60	P	CAN-L

Connector No.	M182
Connector Name	DATA LINK CONNECTOR
Connector Type	BD16FW



Terminal No.	Color of Wire	Signal Name [Specification]
3	LG	-
4	B	-
5	B	-
6	L	-
7	V	-
8	LG	-
11	SB	-
12	P	-
13	L	-
14	P	-
16	W	-

Connector No.	M319
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	ACA02FY-ZV



Terminal No.	Color of Wire	Signal Name [Specification]
10	-	-
11	-	-

Connector No.	M320
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	ACA02FOR



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

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DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

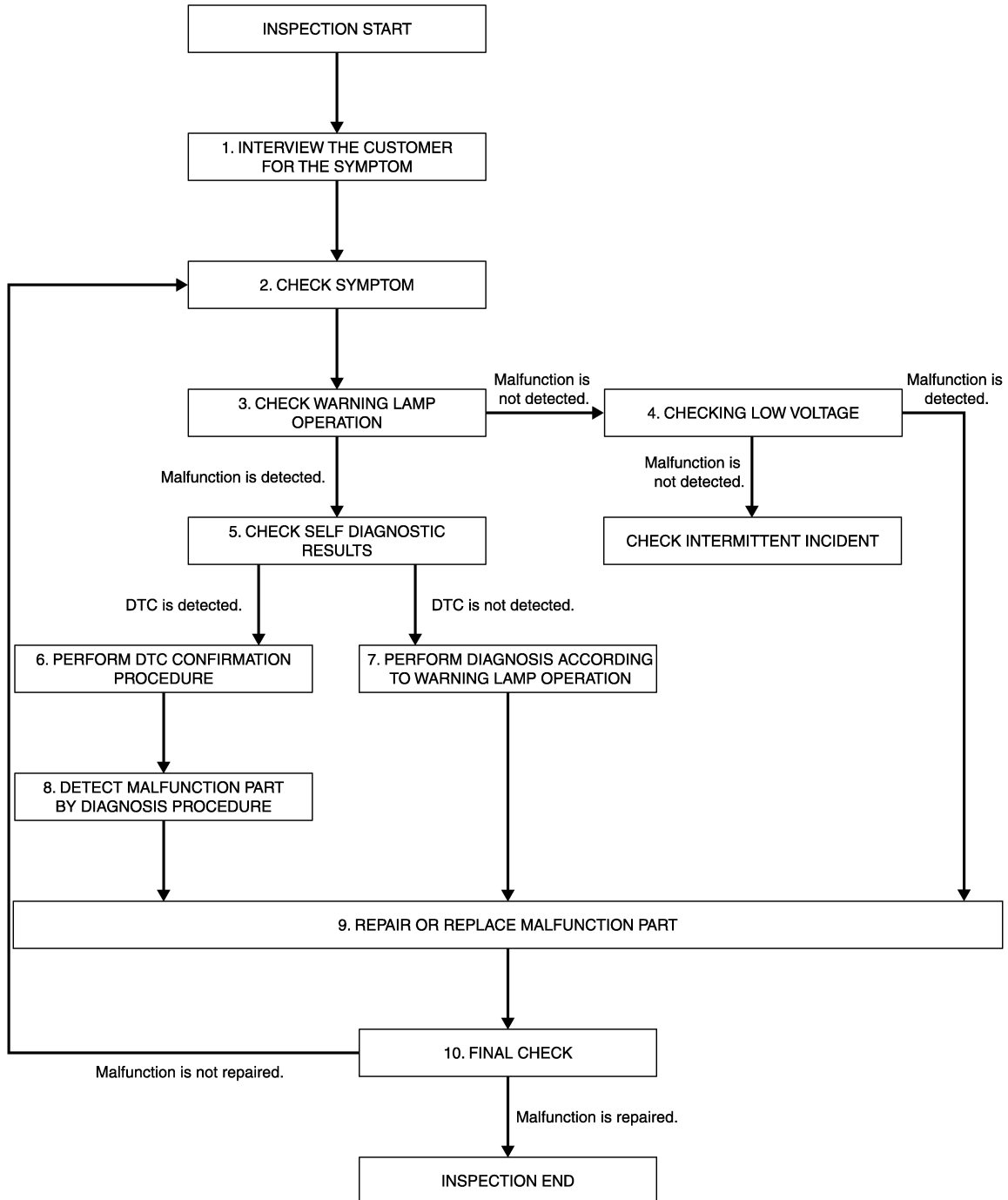
BASIC INSPECTION

DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

INFOID:000000006031227

OVERALL SEQUENCE



JMHIA1324GB

DETAILED FLOW

DIAGNOSIS AND REPAIR WORK FLOW

< 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-12, "On Board Diagnosis Function"](#).

Are any malfunction detected?

YES >> GO TO 5.

NO >> GO TO 4.

4. CHECK LOW VOLTAGE

Check low voltage with CONSULT-III (Special function). Refer to [SRC-16, "CONSULT-III Function"](#).

Are any malfunction detected?

YES >> GO TO 9.

NO >> Check intermittent incident. Refer to [GI-38, "Intermittent Incident"](#).

5. CHECK SELF DIAGNOSTIC RESULTS

Check self diagnostic result with CONSULT-III 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-III.)
- 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-12, "On Board Diagnosis Function"](#).
2. Perform Diagnosis Procedure for the air bag warning lamp operation. Refer to [SRC-12, "On Board Diagnosis Function"](#) (USER MODE).

>> GO TO 9.

8. DETECT MALFUNCTIONING PART BY DIAGNOSTIC PROCEDURE

Inspect according to Diagnostic Procedure of the DTC.

>> GO TO 9.

9. REPAIR OR REPLACE THE MALFUNCTION PART

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SRC

DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

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.

U1000 CAN COMM CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

DTC/CIRCUIT DIAGNOSIS

U1000 CAN COMM CIRCUIT

Description

INFOID:000000006031228

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

CAN Communication Signal Chart. Refer to [LAN-35, "CAN COMMUNICATION SYSTEM : CAN Communication Signal Chart"](#).

DTC Logic

INFOID:000000006031229

DTC DETECTION LOGIC

DTC	CONSULT-III display description	DTC Detection Condition	Possible cause
U1000	CAN COMM CIRCUIT	When air bag diagnosis sensor unit cannot communicate CAN communication signal continuously for 2 seconds or more.	CAN communication system

Diagnosis Procedure

INFOID:000000006031230

SRC

1. PERFORM SELF DIAGNOSTIC

1. Turn ignition switch ON and wait for 2 seconds or more.
2. Check "SELF-DIAG [CAN]" in "special function" of "AIR BAG" using CONSULT-III.

Is DTC "U1000" displayed?

- YES >> Refer to [LAN-25, "Trouble Diagnosis Flow Chart"](#).
NO >> Refer to [GI-38, "Intermittent Incident"](#).

U1010 CONTROL UNIT (CAN)

< DTC/CIRCUIT DIAGNOSIS >

U1010 CONTROL UNIT (CAN)

DTC Logic

INFOID:000000006031231

DTC DETECTION LOGIC

DTC	CONSULT-III display description	DTC Detection Condition	Possible cause
U1010	CONTROL UNIT (CAN)	Air bag diagnosis sensor unit detected internal CAN communication circuit malfunction.	Air bag diagnosis sensor unit

Diagnosis Procedure

INFOID:000000006031232

1. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

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

>> Replace Air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000006031233

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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-III

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

Without CONSULT-III

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-37, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006031234

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

- Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-37, "DTC Logic"](#).

Is DTC detected?

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

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000006031235

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031236

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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-38, "DTC Logic"](#).

Is DTC detected?

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

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000006031237

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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-III

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

Without CONSULT-III

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-39, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006031238

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

- Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-39, "DTC Logic"](#).

Is DTC detected?

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

B1017, B1020, B1021 OCCUPANT SYSTEM CONTROL UNIT

< DTC/CIRCUIT DIAGNOSIS >

B1017, B1020, B1021 OCCUPANT SYSTEM CONTROL UNIT

DTC Logic

INFOID:000000006031239

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors• Malfunction in Occupant Classification System control unit• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

Ⓟ With CONSULT-III

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

ⓧ Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031240

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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-40, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace passenger seat cushion assembly. Refer to [SE-108, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-40, "DTC Logic"](#).

B1017, B1020, B1021 OCCUPANT SYSTEM CONTROL UNIT

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1018 OCCUPANT SYSTEM SENSOR

< DTC/CIRCUIT DIAGNOSIS >

B1018 OCCUPANT SYSTEM SENSOR

DTC Logic

INFOID:000000006031241

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1018	OCCUPANT SENS [UNIT FAIL]	Occupant Classification System sensor is malfunctioning	<ul style="list-style-type: none">• Harness or connectors• 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-III

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

ⓧ Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031242

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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-42, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT AND SENSOR

1. Replace passenger seat cushion assembly. Refer to [SE-108, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-42, "DTC Logic"](#).

B1018 OCCUPANT SYSTEM SENSOR

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1022 OCCUPANT SYSTEM CONTROL UNIT

< DTC/CIRCUIT DIAGNOSIS >

B1022 OCCUPANT SYSTEM CONTROL UNIT

DTC Logic

INFOID:000000006031243

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">Harness or connectorsMalfunction in Occupant Classification System control unitMalfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031244

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-25, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-44, "DTC Logic"](#).

Is DTC detected?

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

B1022 OCCUPANT SYSTEM CONTROL UNIT

< DTC/CIRCUIT DIAGNOSIS >

4. CHECK OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace passenger seat cushion assembly. Refer to [SE-108, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-44, "DTC Logic"](#).

Is DTC detected?

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

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B1023 PASSENGER AIR BAG OFF INDICATOR

< DTC/CIRCUIT DIAGNOSIS >

B1023 PASSENGER AIR BAG OFF INDICATOR

DTC Logic

INFOID:000000006031245

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors• Malfunction in passenger air bag OFF indicator• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031246

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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-46, "DTC Logic"](#).

Is DTC detected?

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

4. CHECK PASSENGER AIR BAG OFF INDICATOR

B1023 PASSENGER AIR BAG OFF INDICATOR

< DTC/CIRCUIT DIAGNOSIS >

1. Replace multifunction switch (passenger air bag OFF indicator). Refer to [AV-131, "Removal and Installation"](#) (base audio without navigation models) or [AV-313, "Removal and Installation"](#) (BOSE audio with navigation models).
2. Perform DTC confirmation procedure. Refer to [SRC-46, "DTC Logic"](#).

Is DTC detected?

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

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B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR

< DTC/CIRCUIT DIAGNOSIS >

B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR

DTC Logic

INFOID:000000006031249

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">Harness or connectorsMalfunction in Occupant Classification System control unitMalfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031250

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-25, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-48, "DTC Logic"](#).

Is DTC detected?

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

B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR

< DTC/CIRCUIT DIAGNOSIS >

4. CHECK OCCUPANT DETECTION SYSTEM CONTROL UNIT

1. Replace passenger seat cushion assembly. Refer to [SE-108, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-48, "DTC Logic"](#).

Is DTC detected?

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

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SRC

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000006031251

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031252

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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-50, "DTC Logic"](#).

Is DTC detected?

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

B1033, B1034 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

B1033, B1034 CRASH ZONE SENSOR

DTC Logic

INFOID:000000006031253

DTC DETECTION LOGIC

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

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

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

Diagnosis Procedure

INFOID:000000006031254

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-21, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-51, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-51, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1033, B1034 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1035 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

B1035 CRASH ZONE SENSOR

DTC Logic

INFOID:000000006031255

DTC DETECTION LOGIC

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

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

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

Diagnosis Procedure

INFOID:000000006031256

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-21, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-53, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-53, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1035 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1036 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

B1036 CRASH ZONE SENSOR

DTC Logic

INFOID:000000006031257

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

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

Diagnosis Procedure

INFOID:000000006031258

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-21, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-55, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-55, "DTC Logic"](#).

Is DTC detected?

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

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SRC

B1037, B1039, B1041 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

B1037, B1039, B1041 CRASH ZONE SENSOR

DTC Logic

INFOID:000000006031259

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1037 B1039 B1041	CRASH ZONE SENS1	Crash zone sensor is malfunctioning	<ul style="list-style-type: none">Malfunction in crash zone sensorMalfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031260

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

- Replace crash zone sensor. Refer to [SR-21, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-56, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

- Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-56, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1037, B1039, B1041 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000006031261

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031262

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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-58, "DTC Logic"](#).

Is DTC detected?

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

B1049, B1054 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

B1049, B1054 DRIVER AIR BAG MODULE

DTC Logic

INFOID:000000006031263

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The module circuit is 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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

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

Diagnosis Procedure

INFOID:000000006031264

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 harness connector and combination switch (spiral cable) harness 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 >

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M301	10	M32	28	Existed
	11		30	
M300	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		
M301	10	Ground	Not existed
	11		
M300	12		
	9		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-14, "Removal and Installation"](#).

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-59, "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-11, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-59, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1050, B1055 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

B1050, B1055 DRIVER AIR BAG MODULE

DTC Logic

INFOID:000000006031265

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The module circuit is shorted.)• 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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-61, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006031266

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. REPLACE SPIRAL CABLE

1. Replace combination switch (spiral cable). Refer to [SR-14, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-61, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-61, "DTC Logic"](#).

B1050, B1055 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

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-11, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-61, "DTC Logic"](#).

Is DTC detected?

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

B1051, B1056 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

B1051, B1056 DRIVER AIR BAG MODULE

DTC Logic

INFOID:000000006031267

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The module circuit is shorted.)• 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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-63, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006031268

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 harness connector and combination switch (spiral cable) harness 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 >

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M301	10	M32	28	Existed
	11		30	
M300	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		
M301	10	Ground	Not existed
	11		
M300	12		
	9		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-14, "Removal and Installation"](#).

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-63, "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-11, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-63, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1052, B1057 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

B1052, B1057 DRIVER AIR BAG MODULE

DTC Logic

INFOID:000000006031269

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The module circuit is shorted.)• 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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-65, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006031270

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-I

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

B1052, B1057 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

Combination switch (spiral cable)				Continuity
Connector	Terminal	Connector	Terminal	
M301	10	M301	11	Not existed
		M300	9	
			12	

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-14. "Removal and Installation"](#).

4. CHECK SPIRAL CABLE CIRCUIT-II

Check continuity between combination switch (spiral cable) terminals.

Combination switch (spiral cable)			Continuity
Connector	Terminal	Terminal	
M32	28	29	Not existed
		30	

Is the inspection result normal?

YES >> GO TO 5.

NO >> Replace combination switch (spiral cable). Refer to [SR-14. "Removal and Installation"](#).

5. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25. "Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-65. "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 6.

NO >> INSPECTION END

6. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to [SR-11. "Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-65. "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000006031271

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-67, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006031272

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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-67, "DTC Logic"](#).

Is DTC detected?

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

B1065, B1070 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

B1065, B1070 PASSENGER AIR BAG MODULE

DTC Logic

INFOID:000000006031273

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The module circuit is open.)• Malfunction in passenger air bag module• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031274

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-68, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE PASSENGER AIR BAG MODULE

1. Replace passenger air bag module. Refer to [SR-17, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-68, "DTC Logic"](#).

Is DTC detected?

B1065, B1070 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

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B1066, B1071 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

B1066, B1071 PASSENGER AIR BAG MODULE

DTC Logic

INFOID:000000006031275

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The module circuit is shorted.)• Malfunction in passenger air bag module• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031276

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-70, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE PASSENGER AIR BAG MODULE

1. Replace passenger air bag module. Refer to [SR-17, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-70, "DTC Logic"](#).

Is DTC detected?

B1066, B1071 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

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B1067, B1072 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

B1067, B1072 PASSENGER AIR BAG MODULE

DTC Logic

INFOID:000000006031277

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The module circuit is shorted.)• Malfunction in passenger air bag module• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031278

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-72, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE PASSENGER AIR BAG MODULE

1. Replace passenger air bag module. Refer to [SR-17, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-72, "DTC Logic"](#).

Is DTC detected?

B1067, B1072 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

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B1068, B1073 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

B1068, B1073 PASSENGER AIR BAG MODULE

DTC Logic

INFOID:000000006031279

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The module circuit is shorted.)• Malfunction in passenger air bag module• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031280

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-74, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE PASSENGER AIR BAG MODULE

1. Replace passenger air bag module. Refer to [SR-17, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-74, "DTC Logic"](#).

Is DTC detected?

B1068, B1073 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000006031281

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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

④ With CONSULT-III

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

④ Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031282

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-76, "DTC Logic"](#).

Is DTC detected?

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

B1080, B1096 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

B1080, B1096 DRIVER AIR BAG MODULE

DTC Logic

INFOID:000000006031283

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The module circuit is shorted.)• 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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

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

Diagnosis Procedure

INFOID:000000006031284

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-I

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

B1080, B1096 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

Combination switch (spiral cable)				Continuity
Connector	Terminal	Connector	Terminal	
M319	10	M319	11	Not existed
		M320	9	
			12	

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-14. "Removal and Installation"](#).

4. CHECK SPIRAL CABLE CIRCUIT-II

Check continuity between combination switch (spiral cable) terminals.

Combination switch (spiral cable)			Continuity
Connector	Terminal	Terminal	
M35	28	29	Not existed
		30	

Is the inspection result normal?

YES >> GO TO 5.

NO >> Replace combination switch (spiral cable). Refer to [SR-14. "Removal and Installation"](#).

5. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25. "Removal and Installation"](#).

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

Is DTC detected?

YES >> GO TO 6.

NO >> INSPECTION END

6. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to [SR-11. "Removal and Installation"](#).

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

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1081 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

B1081 SEAT BELT PRE-TENSIONER RH

DTC Logic

INFOID:000000006031285

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The pre-tensioner circuit is 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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

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

Diagnosis Procedure

INFOID:000000006031286

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SB-6, "SEAT BELT RETRACTOR : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-79, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-79, "DTC Logic"](#).

B1081 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1082 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

B1082 SEAT BELT PRE-TENSIONER RH

DTC Logic

INFOID:000000006031287

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The pre-tensioner circuit is shorted.)• Malfunction in seat belt pre-tensioner RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-81, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006031288

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SB-6, "SEAT BELT RETRACTOR : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-81, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-81, "DTC Logic"](#).

B1082 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1083 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

B1083 SEAT BELT PRE-TENSIONER RH

DTC Logic

INFOID:000000006031289

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The pre-tensioner circuit is shorted.)• Malfunction in seat belt pre-tensioner RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-83, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006031290

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SB-6, "SEAT BELT RETRACTOR : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-83, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-83, "DTC Logic"](#).

B1083 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1084 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

B1084 SEAT BELT PRE-TENSIONER RH

DTC Logic

INFOID:000000006031291

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The pre-tensioner circuit is shorted.)• Malfunction in seat belt pre-tensioner RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-85, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006031292

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SB-6, "SEAT BELT RETRACTOR : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-85, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-85, "DTC Logic"](#).

B1084 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1086 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1086 SEAT BELT PRE-TENSIONER LH

DTC Logic

INFOID:000000006031293

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The pre-tensioner circuit is 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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-87, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006031294

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SB-6, "SEAT BELT RETRACTOR : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-87, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-87, "DTC Logic"](#).

B1086 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1087 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1087 SEAT BELT PRE-TENSIONER LH

DTC Logic

INFOID:000000006031295

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The pre-tensioner circuit is shorted.)• Malfunction in seat belt pre-tensioner LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-89, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006031296

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SB-6, "SEAT BELT RETRACTOR : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-89, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-89, "DTC Logic"](#).

B1087 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1088 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1088 SEAT BELT PRE-TENSIONER LH

DTC Logic

INFOID:000000006031297

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The pre-tensioner circuit is shorted.)• Malfunction in seat belt pre-tensioner LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-91, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006031298

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SB-6, "SEAT BELT RETRACTOR : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-91, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-91, "DTC Logic"](#).

B1088 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1089 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1089 SEAT BELT PRE-TENSIONER LH

DTC Logic

INFOID:000000006031299

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The pre-tensioner circuit is shorted.)• Malfunction in seat belt pre-tensioner LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-93, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006031300

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SB-6, "SEAT BELT RETRACTOR : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-93, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-93, "DTC Logic"](#).

B1089 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000006031301

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-95, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006031302

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-95, "DTC Logic"](#).

Is DTC detected?

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

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000006031303

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031304

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-96, "DTC Logic"](#).

Is DTC detected?

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

B1113, B1114 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

B1113, B1114 SATELLITE SENSOR RH

DTC Logic

INFOID:000000006031305

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1113 B1114	SATELLITE SENS RH [UNIT FAIL]	Satellite sensor RH is malfunctioning	<ul style="list-style-type: none">• Harness or connectors• Malfunction in satellite sensor RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-97, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006031306

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to [SR-23, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-97, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-97, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1113, B1114 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1115 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

B1115 SATELLITE SENSOR RH

DTC Logic

INFOID:000000006031307

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1115	SATELLITE SENS RH [COMM FAIL]	Satellite sensor RH is malfunctioning or out of the specified specification	<ul style="list-style-type: none">• Harness or connectors• Malfunction in satellite sensor RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-99, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006031308

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to [SR-23, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-99, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-99, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1115 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1116 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

B1116 SATELLITE SENSOR RH

DTC Logic

INFOID:000000006031309

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-101, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006031310

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to [SR-23, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-101, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-101, "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 >

B1118, B1119 SATELLITE SENSOR LH

DTC Logic

INFOID:000000006031311

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1118 B1119	SATELLITE SENS LH [UNIT FAIL]	Satellite sensor LH is malfunctioning	<ul style="list-style-type: none">• Harness or connectors• Malfunction in satellite sensor LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031312

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to [SR-23, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-102, "DTC Logic"](#)

Is DTC detected?

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

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-102, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1118, B1119 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

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B1120 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

B1120 SATELLITE SENSOR LH

DTC Logic

INFOID:000000006031313

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1120	SATELLITE SENS LH [COMM FAIL]	Satellite sensor LH is malfunctioning or out of the specified specification	<ul style="list-style-type: none">• Harness or connectors• Malfunction in satellite sensor LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓟ With CONSULT-III

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

ⓧ Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031314

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to [SR-23, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-104, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-104, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1120 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

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B1121 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

B1121 SATELLITE SENSOR LH

DTC Logic

INFOID:000000006031315

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031316

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to [SR-23, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-106, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-106, "DTC Logic"](#).

Is DTC detected?

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

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000006031317

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-107, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006031318

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-107, "DTC Logic"](#).

Is DTC detected?

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

B1129 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1129 SIDE AIR BAG MODULE RH

DTC Logic

INFOID:000000006031319

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1129	SIDE MODULE RH [OPEN]	Side air bag module RH circuit is open	<ul style="list-style-type: none">• Harness or connectors (The module circuit is 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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. [SRC-12, "On Board Diagnosis Function"](#)

NOTE:

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:000000006031320

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-108, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SE-109, "SEATBACK : Disassembly and Assembly"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-108, "DTC Logic"](#).

Is DTC detected?

B1129 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

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B1130 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1130 SIDE AIR BAG MODULE RH

DTC Logic

INFOID:000000006031321

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The module circuit is shorted.)• Malfunction in side air bag module RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓟ With CONSULT-III

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

ⓧ Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031322

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-110, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SE-109, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-110, "DTC Logic"](#).

Is DTC detected?

B1130 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

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B1131 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1131 SIDE AIR BAG MODULE RH

DTC Logic

INFOID:000000006031323

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The module circuit is shorted.)• Malfunction in side air bag module RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓟ With CONSULT-III

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

ⓧ Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031324

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-112, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SE-109, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-112, "DTC Logic"](#).

Is DTC detected?

B1131 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

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B1132 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1132 SIDE AIR BAG MODULE RH

DTC Logic

INFOID:000000006031325

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The module circuit is shorted.)• Malfunction in side air bag module RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031326

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-114, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to [SE-109, "SEATBACK : Disassembly and Assembly"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-114, "DTC Logic"](#).

Is DTC detected?

B1132 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

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B1134 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1134 SIDE AIR BAG MODULE LH

DTC Logic

INFOID:000000006031327

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1134	SIDE MODULE LH [OPEN]	Side air bag module LH circuit is open	<ul style="list-style-type: none">• Harness or connectors (The module circuit is 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-III

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

ⓧ Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031328

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-116, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-109, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-116, "DTC Logic"](#).

Is DTC detected?

B1134 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

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B1135 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1135 SIDE AIR BAG MODULE LH

DTC Logic

INFOID:000000006031329

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The module circuit is shorted.)• Malfunction in side air bag module LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓟ With CONSULT-III

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

ⓧ Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031330

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-118, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-109, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-118, "DTC Logic"](#).

Is DTC detected?

B1135 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

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B1136 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1136 SIDE AIR BAG MODULE LH

DTC Logic

INFOID:000000006031331

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The module circuit is shorted.)• Malfunction in side air bag module LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓟ With CONSULT-III

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

ⓧ Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031332

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-120, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-109, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-120, "DTC Logic"](#).

Is DTC detected?

B1136 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

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B1137 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1137 SIDE AIR BAG MODULE LH

DTC Logic

INFOID:000000006031333

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The module circuit is shorted.)• Malfunction in side air bag module LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

Ⓟ With CONSULT-III

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

ⓧ Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

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

Diagnosis Procedure

INFOID:000000006031334

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-122, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-109, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-122, "DTC Logic"](#).

Is DTC detected?

B1137 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000006031335

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

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

Diagnosis Procedure

INFOID:000000006031336

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-124, "DTC Logic"](#).

Is DTC detected?

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

B1144 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

B1144 DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000006031337

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1144	CONTROL UNIT	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-III

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

Without CONSULT-III

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031338

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-125, "DTC Logic"](#).

Is DTC detected?

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

B1145 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1145 CURTAIN AIR BAG MODULE RH

DTC Logic

INFOID:000000006031339

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1145	CURTAIN MODULE RH [OPEN]	Curtain air bag module RH circuit is open	<ul style="list-style-type: none">• Harness or connectors (The module circuit is 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-III

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

ⓧ Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

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

Diagnosis Procedure

INFOID:000000006031340

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-126, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module RH. Refer to [SR-19, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-126, "DTC Logic"](#).

Is DTC detected?

B1145 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

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B1146 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1146 CURTAIN AIR BAG MODULE RH

DTC Logic

INFOID:000000006031341

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The module circuit is shorted.)• Malfunction in curtain air bag module RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓟ With CONSULT-III

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

ⓧ Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

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

Diagnosis Procedure

INFOID:000000006031342

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-128, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module RH. Refer to [SR-19, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-128, "DTC Logic"](#).

Is DTC detected?

B1146 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

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B1147 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1147 CURTAIN AIR BAG MODULE RH

DTC Logic

INFOID:000000006031343

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The module circuit is shorted.)• Malfunction in curtain air bag module RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

YES >> Refer to [SRC-130, "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006031344

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).

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

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

4. REPLACE CURTAIN AIR BAG MODULE

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

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

Is DTC detected?

B1147 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

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B1148 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1148 CURTAIN AIR BAG MODULE RH

DTC Logic

INFOID:000000006031345

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The module circuit is shorted.)• Malfunction in curtain air bag module RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

YES >> Refer to [SRC-132, "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006031346

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).

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

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

4. REPLACE CURTAIN AIR BAG MODULE

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

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

Is DTC detected?

B1148 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

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B1150 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1150 CURTAIN AIR BAG MODULE LH

DTC Logic

INFOID:000000006031347

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1150	CURTAIN MODULE LH [OPEN]	Curtain air bag module LH circuit is open	<ul style="list-style-type: none">• Harness or connectors (The module circuit is 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-III

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

ⓧ Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

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

Diagnosis Procedure

INFOID:000000006031348

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-134, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module LH. Refer to [SR-19, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-134, "DTC Logic"](#).

Is DTC detected?

B1150 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

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B1151 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1151 CURTAIN AIR BAG MODULE LH

DTC Logic

INFOID:000000006031349

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The module circuit is shorted.)• Malfunction in curtain air bag module LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

YES >> Refer to [SRC-136, "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006031350

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-136, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

4. REPLACE CURTAIN AIR BAG MODULE

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

2. Perform DTC confirmation procedure. Refer to [SRC-136, "DTC Logic"](#).

Is DTC detected?

B1151 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

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B1152 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1152 CURTAIN AIR BAG MODULE LH

DTC Logic

INFOID:000000006031351

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The module circuit is shorted.)• Malfunction in curtain air bag module LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓟ With CONSULT-III

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

ⓧ Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

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

Diagnosis Procedure

INFOID:000000006031352

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-138, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module LH. Refer to [SR-19, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-138, "DTC Logic"](#).

Is DTC detected?

B1152 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

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B1153 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1153 CURTAIN AIR BAG MODULE LH

DTC Logic

INFOID:000000006031353

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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">• Harness or connectors (The module circuit is shorted.)• Malfunction in curtain air bag module LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

Ⓟ With CONSULT-III

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

ⓧ Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

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

Diagnosis Procedure

INFOID:000000006031354

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-140, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module LH. Refer to [SR-19, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-140, "DTC Logic"](#).

Is DTC detected?

B1153 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000006031355

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

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

Diagnosis Procedure

INFOID:000000006031356

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-142, "DTC Logic"](#).

Is DTC detected?

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

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000006031357

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031358

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-143, "DTC Logic"](#).

Is DTC detected?

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

B1182 LAP PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1182 LAP PRE-TENSIONER LH

DTC Logic

INFOID:000000006031367

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1182	PRE-TEN2 FRONT LH [OPEN]	Lap pre-tensioner LH circuit is open	<ul style="list-style-type: none">• Harness or connectors (The pre-tensioner circuit is open.)• Malfunction in lap pre-tensioner LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAGNOSTIC RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12. "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

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

Diagnosis Procedure

INFOID:000000006031368

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal and wait at least 3 minutes. (To discharge backup capacitor.)
- Never use unspecified tester 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 LAP PRE-TENSIONER LH

1. Replace lap pre-tensioner LH. Refer to [SB-6. "SEAT BELT RETRACTOR : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-144. "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25. "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-144. "DTC Logic"](#).

Is DTC detected?

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

B1183 LAP PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1183 LAP PRE-TENSIONER LH

DTC Logic

INFOID:000000006031369

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1183	PRE-TEN2 FRONT LH [VB-SHORT]	Lap pre-tensioner LH circuit is shorted to some power supply circuit	<ul style="list-style-type: none">• Harness or connectors (The pre-tensioner circuit is shorted.)• Malfunction in lap pre-tensioner LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAGNOSTIC RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12. "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-145. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006031370

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal and wait at least 3 minutes. (To discharge backup capacitor.)
- Never use unspecified tester 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 LAP PRE-TENSIONER LH

1. Replace lap pre-tensioner LH. Refer to [SB-6. "SEAT BELT RETRACTOR : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-145. "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25. "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-145. "DTC Logic"](#).

Is DTC detected?

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

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SRC

B1184 LAP PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1184 LAP PRE-TENSIONER LH

DTC Logic

INFOID:000000006031371

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1184	PRE-TEN2 FRONT LH [GND-SHORT]	Lap pre-tensioner LH circuit is shorted to ground	<ul style="list-style-type: none">• Harness or connectors (The pre-tensioner circuit is shorted.)• Malfunction in lap pre-tensioner LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAGNOSTIC RESULT

Ⓟ With CONSULT-III

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

ⓧ Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12. "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

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

Diagnosis Procedure

INFOID:000000006031372

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal and wait at least 3 minutes. (To discharge backup capacitor.)
- Never use unspecified tester 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 LAP PRE-TENSIONER LH

1. Replace lap pre-tensioner LH. Refer to [SB-6. "SEAT BELT RETRACTOR : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-146. "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25. "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-146. "DTC Logic"](#).

Is DTC detected?

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

B1185 LAP PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1185 LAP PRE-TENSIONER LH

DTC Logic

INFOID:000000006031373

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1185	PRE-TEN2 FRONT LH [SHORT]	Lap pre-tensioner LH circuit are shorted to each other	<ul style="list-style-type: none">• Harness or connectors (The pre-tensioner circuit is shorted.)• Malfunction in lap pre-tensioner LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAGNOSTIC RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-147, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006031374

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal and wait at least 3 minutes. (To discharge backup capacitor.)
- Never use unspecified tester 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 LAP PRE-TENSIONER LH

1. Replace lap pre-tensioner LH. Refer to [SB-6, "SEAT BELT RETRACTOR : Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-147, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-147, "DTC Logic"](#).

Is DTC detected?

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

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SRC

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000006031375

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031376

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-148, "DTC Logic"](#).

Is DTC detected?

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

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000006031377

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-149, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006031378

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-149, "DTC Logic"](#).

Is DTC detected?

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

B1209 FRONTAL COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

B1209 FRONTAL COLLISION DETECTION

Description

INFOID:000000006031379

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:000000006031380

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031381

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-5, "FOR FRONTAL COLLISION : When SRS is activated in a collision"](#) or [SR-6, "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-18, "DTC Index"](#).

B1210 SIDE COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

B1210 SIDE COLLISION DETECTION

Description

INFOID:000000006031382

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:000000006031383

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-151, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006031384

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 SIDE AND ROLLOVER COLLISION : When SRS is activated in a collision"](#) or [SR-8, "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-18, "DTC Index"](#).

B1212, B1213, B1214 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

B1212, B1213, B1214 SATELLITE SENSOR RH

DTC Logic

INFOID:000000006031388

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1212 B1213 B1214	RH1 SAT-SENS	Satellite sensor RH is malfunctioning	<ul style="list-style-type: none">• Harness or connectors• Malfunction in satellite sensor RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031389

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to [SR-23, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-152, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-152, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1212, B1213, B1214 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

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B1215, B1216, B1217 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

B1215, B1216, B1217 SATELLITE SENSOR LH

DTC Logic

INFOID:000000006031390

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1215 B1216 B1217	LH1 SAT-SENS	Satellite sensor LH is malfunctioning	<ul style="list-style-type: none">• Harness or connectors• Malfunction in satellite sensor LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031391

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to [SR-23, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-154, "DTC Logic"](#)

Is DTC detected?

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

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-154, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1215, B1216, B1217 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000006031392

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006031393

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-156, "DTC Logic"](#).

Is DTC detected?

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

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000006046740

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006046741

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-158, "DTC Logic"](#).

Is DTC detected?

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

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000006046742

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006046743

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-158, "DTC Logic"](#).

Is DTC detected?

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

B1336, B1337 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

B1336, B1337 SATELLITE SENSOR RH

DTC Logic

INFOID:000000006046744

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-159, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006046745

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-23, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-159, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-159, "DTC Logic"](#).

Is DTC detected?

B1336, B1337 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

DTC Logic

INFOID:000000006046746

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-161, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006046747

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-23, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-161, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-161, "DTC Logic"](#).

Is DTC detected?

B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

B1339 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

B1339 SATELLITE SENSOR RH

DTC Logic

INFOID:000000006046748

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006046749

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-23, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-163, "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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-163, "DTC Logic"](#).

Is DTC detected?

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

B1343, B1344 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

B1343, B1344 SATELLITE SENSOR LH

DTC Logic

INFOID:000000006046750

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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-III

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

ⓧ Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-164, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006046751

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-23, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-164, "DTC Logic"](#).

Is DTC detected?

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

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-164, "DTC Logic"](#).

Is DTC detected?

B1343, B1344 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

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B1345, B1347, B1348, B1349 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

B1345, B1347, B1348, B1349 SATELLITE SENSOR LH

DTC Logic

INFOID:000000006046752

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1345 B1347 B1348 B1349	FR-LH DOOR SATEL SENS [COMM MALFUNC- TION]	Front door satellite sensor LH is malfunctioning	<ul style="list-style-type: none">• Harness or connectors• Malfunction in front door satellite sensor LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006046753

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 SATELLITE SENSOR

1. Replace front door satellite sensor LH. Refer to [SR-23, "Removal and Installation"](#).

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

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).

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

Is DTC detected?

B1345, B1347, B1348, B1349 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

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B1346 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

B1346 SATELLITE SENSOR LH

DTC Logic

INFOID:000000006046754

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	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-III

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

ⓧ Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006046755

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-23, "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-25, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-168, "DTC Logic"](#).

Is DTC detected?

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

B1350 SATELLITE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

B1350 SATELLITE SENSOR

DTC Logic

INFOID:000000006046760

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1350	FR DOOR SATEL SENS	Front door satellite sensor is malfunctioning or out of the specified specification	<ul style="list-style-type: none">Malfunction in front door satellite sensor LH/RHMalfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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:000000006046761

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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 SENSOR

- Replace both of front door satellite sensor. Refer to [SR-23, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-169, "DTC Logic"](#).

Is DTC detected?

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

2. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

- Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-169, "DTC Logic"](#).

Is DTC detected?

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

SRS AIR BAG WARNING LAMP DOES NOT TURN OFF

< SYMPTOM DIAGNOSIS >

SYMPTOM DIAGNOSIS

SRS AIR BAG WARNING LAMP DOES NOT TURN OFF

Diagnosis Procedure

INFOID:000000006031430

1. CHECK AIR BAG MODULE AND SEAT BELT PRE-TENSIONER

Check the deployment of air bag module and seat belt pre-tensioner.

Is air bag module deployed?

- YES >> Replace the malfunctioning parts.
- NO >> GO TO 2.

2. CHECK AIR BAG FUSE

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

Is the inspection result normal?

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

3. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

4. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

5. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).
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-90, "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 >

SRS AIR BAG WARNING LAMP DOES NOT TURN ON

Diagnosis Procedure

INFOID:000000006031431

1.CHECK COMBINATION METER POWER SUPPLY AND GROUND CIRCUIT

Check combination meter unit power supply and ground circuit. Refer to [MWI-70, "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-25, "Removal and Installation"](#).

NO >> Replace combination meter. Refer to [MWI-90, "Removal and Installation"](#).

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SRS AIR BAG WARNING LAMP BLINKS

< SYMPTOM DIAGNOSIS >

SRS AIR BAG WARNING LAMP BLINKS

Diagnosis Procedure

INFOID:000000006138262

1. CHECK BATTERY

Check battery. Refer to [PG-152, "How to Handle Battery"](#).

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace malfunctioning parts.

2. REPLACE OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace occupant classification system control unit. Refer to [SE-111, "SEAT CUSHION : Disassembly and Assembly"](#).

2. Check air bag warning lamp operation.

Is the inspection result normal?

YES >> INSPECTION END

NO >> GO TO 3.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-25, "Removal and Installation"](#).

2. Check air bag warning lamp operation.

Is the inspection result normal?

YES >> INSPECTION END

NO >> GO TO 1.