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SECTION

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SRS AIRBAG CONTROL SYSTEM

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PRECAUTIONS

< PRECAUTION >

PRECAUTION

PRECAUTIONS

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

INFOID:000000006219946

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

INFOID:000000006219947

- 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.)

PRECAUTIONS

< PRECAUTION >

- 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.

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COMPONENT PARTS

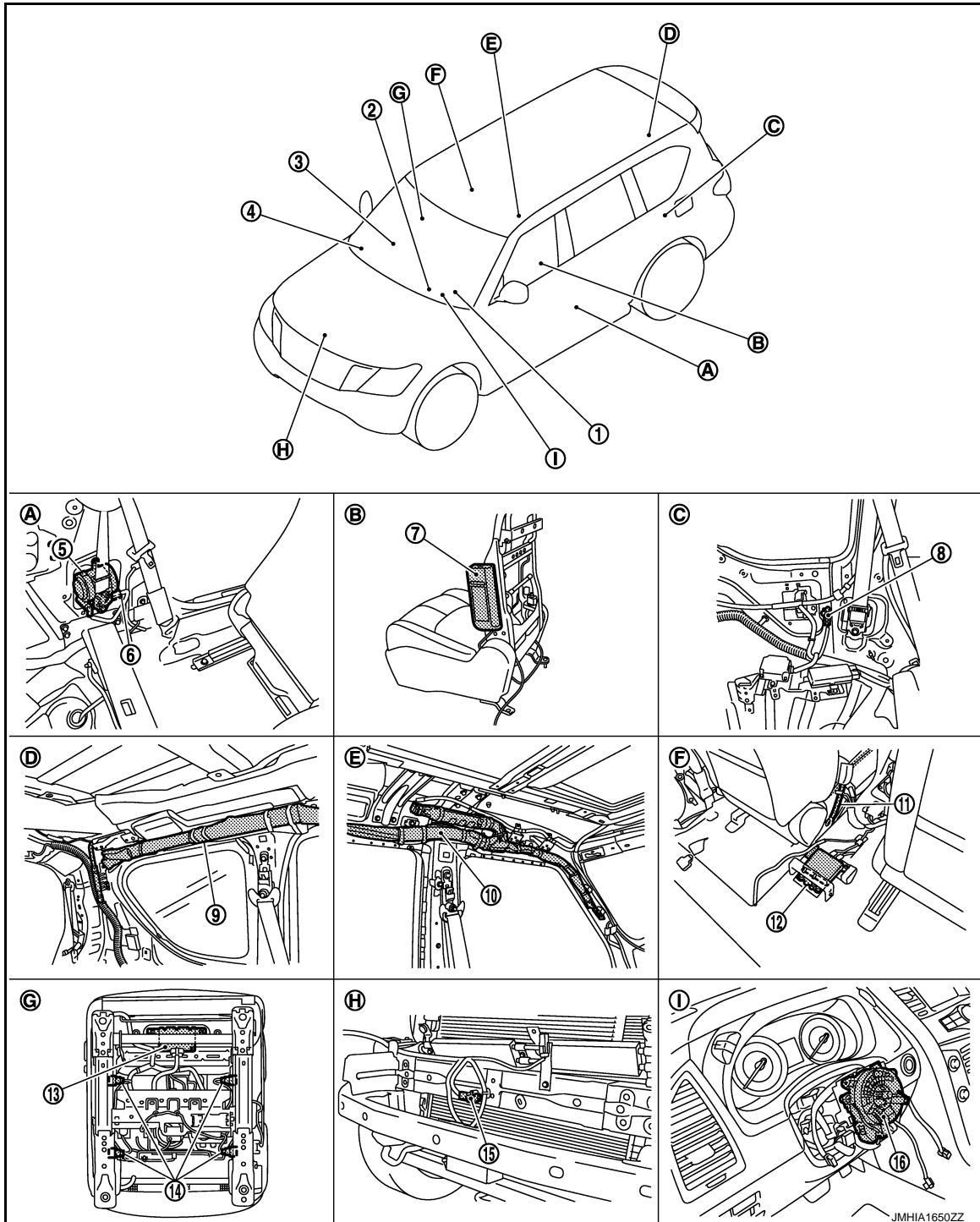
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SYSTEM DESCRIPTION

COMPONENT PARTS

Component Parts Location

INFOID:000000006219948



- | | | |
|----------------------------------|----------------------------|--|
| 1. Driver air bag module | 2. Combination meter | 3. Front passenger air bag off indicator |
| 4. Passenger air bag module | 5. Seat belt pre-tensioner | 6. Front satellite sensor |
| 7. Side air bag module | 8. Rear satellite sensor | 9. Rear curtain air bag module |
| 10. Front curtain air bag module | 11. Lap pre-tensioner | 12. Air bag diagnosis sensor unit |

COMPONENT PARTS

< SYSTEM DESCRIPTION >

- | | | |
|---|---|--|
| 13. Occupant detection system control unit | 14. Occupant detection system seat sensor | 15. Crash zone sensor |
| 16. Combination switch (spiral cable) | | |
| A. Behind center pillar lower garnish | B. View with seatback pad removed | C. View with luggage side finisher lower removed |
| D. View with headlining assembly removed | E. View with headlining assembly removed | F. View with center console assembly removed |
| G. Backside of passenger seat cushion frame | H. View with bumper fascia assembly removed | I. View with steering wheel removed |

Component Description

INFOID:000000006219949

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.
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 (front/rear)	<ul style="list-style-type: none"> • Deploys according to collision judgment of G 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.
Occupant detection 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.
Satellite sensor (front/rear)	<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, 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. • In the case of a frontal collision or side collision or roll over 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.

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COMPONENT PARTS

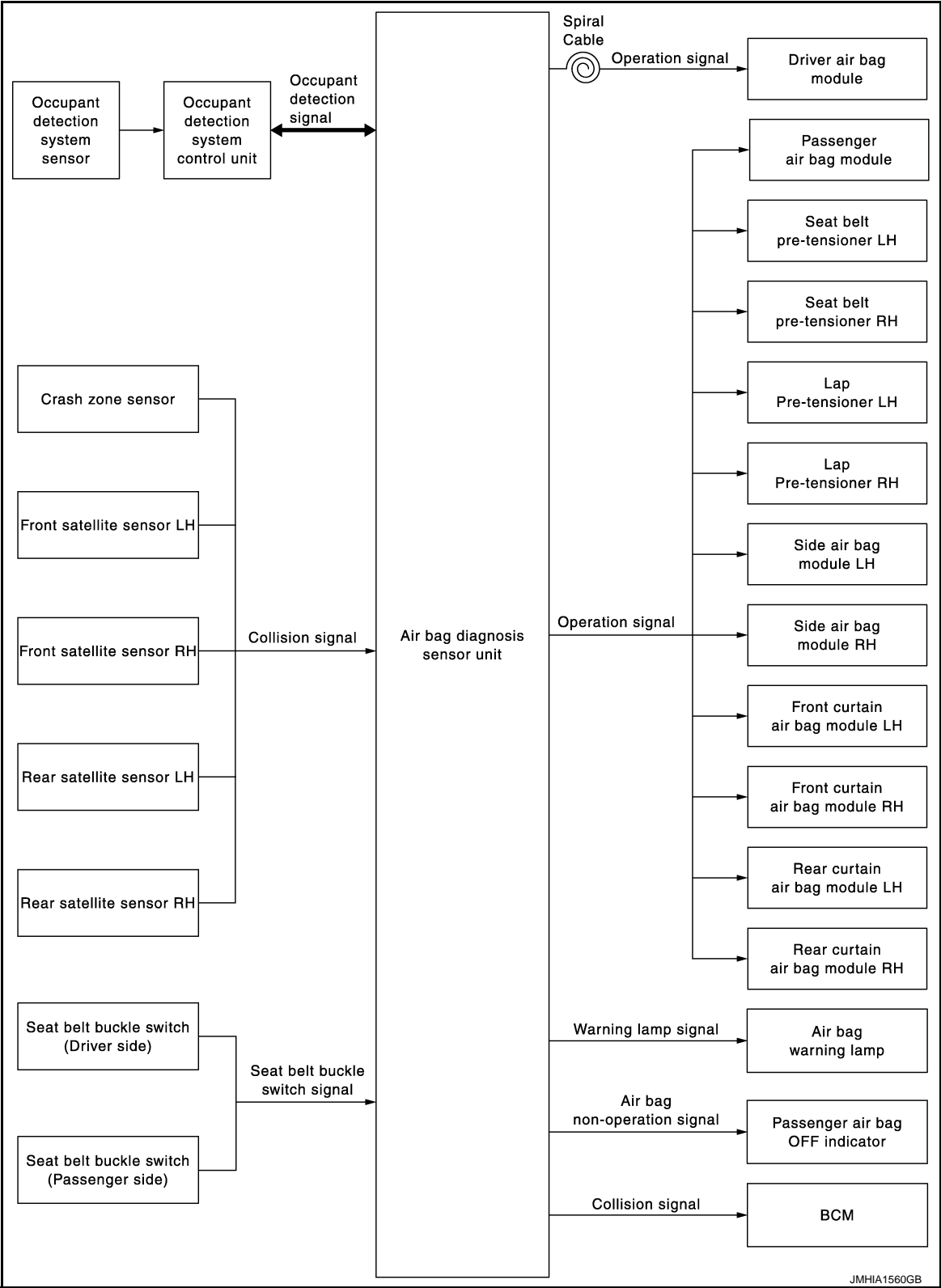
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Component	Function
Side air bag module LH/RH	<ul style="list-style-type: none">• Receives signal from air bag diagnosis sensor unit and deploys air bag.• In case of side collision where acceleration is more than the specified level, the ignition materials 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.
Lap pre-tensioner LH/RH	<ul style="list-style-type: none">• Receives signal from air bag diagnosis sensor unit and deploys lap pre-tensioner.• In the case of a frontal collision or side collision or roll over 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 or roll over.

SYSTEM

System Diagram

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SYSTEM

< SYSTEM DESCRIPTION >

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 or rollover that is more than the specified limit. Together with other safety devices, it reduces the impact that occupant receives when vehicle collision occurs.

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

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.
- 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.

COLLISION MODES

The operation of SRS is different depending on the collision modes applications.

SRS configurations that are activated for the following collision modes.

×: Apply —: Not apply

SRS configuration	Frontal collision	Left side collision	Right side collision	Roll over
Driver air bag module	×	—	—	—
Passenger air bag module	×	—	—	—
Seat belt pre-tensioner LH	×	×	—	×
Seat belt pre-tensioner RH	×	—	×	×
Lap pre-tensioner LH	×	×	—	×
Lap pre-tensioner RH	×	—	×	×
Side air bag module LH	—	×	—	—
Side air bag module RH	—	—	×	×
Front curtain air bag module LH	—	×	—	×
Front curtain air bag module RH	—	—	×	×
Rear curtain air bag module LH	—	×	—	×
Rear curtain air bag module RH	—	—	×	×

OCCUPANT DETECTION SYSTEM

This Occupant Detection System has the following functions.

1. Suppress the deployment of front passenger air bag when front passenger seat is empty, or when occupied by child and child-seat. Turns ON front passenger air bag OFF indicator when front passenger seat is occupied by child-seat and child.
2. Indicates malfunction portion with blinking times of air bag warning lamp in diagnosis mode.
3. Indicates the malfunctioning record by CONSULT-III.
4. When “zero point reset” for occupant detection system is incomplete, CONSULT-III indicates that “zero point reset” is incomplete.

This function is applied to NISSAN genuine parts only.

NOTE:

SYSTEM

< SYSTEM DESCRIPTION >

- Operation of air bag diagnosis sensor unit when air bag diagnosis sensor unit receives information from Occupant Detection System.
- Even if zero point reset is “complete”, always perform zero point reset after the removal and installation of seat or the removal of control unit harness connector.

Status (front passenger seat)	Passenger air bag	Front passenger air bag OFF indicator	Air bag warning lamp	Seat belt warning lamp (when front passenger seat is unbuckled)
Empty	Suppress	OFF	OFF	OFF
An object	Suppress	ON	OFF	OFF
Child/ child-seat	Suppress	ON	OFF	ON
Adult	Enable to deploy	OFF	OFF	ON
Malfunction	Suppress	ON	Blinking	OFF
Zero point reset Not yet performed (NIS-SAN genuine parts only)	Suppress	ON	Blinking	OFF

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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

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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).

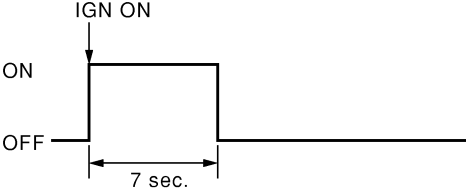
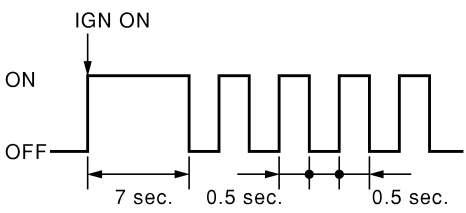
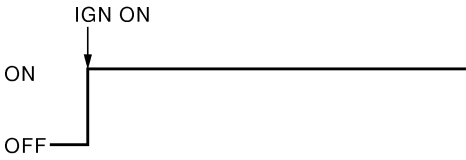

How to Read Air Bag Warning Lamp

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>SHIA0012E</p>	<ul style="list-style-type: none"> The system is malfunctioning Self diagnostic result is not erased after repair 	Erase "Self Diagnostic Result" Refer to SRC-19, "CONSULT-III Function" , How to Erase Self-diagnostic Result
	Battery voltage is low (less than 9 V)	Check "CAUSE OF WARNING" in "Special Function" with CONSULT-III Refer to SRC-19, "CONSULT-III Function"
	Intermittent malfunction is detected in the past	Go to GI-40, "Intermittent Incident"
 <p>SHIA0013E</p>	<ul style="list-style-type: none"> Air bag is deployed Seat belt pre-tensioner is deployed 	Go to SRC-174, "Diagnosis Procedure" or SRC-175, "Diagnosis Procedure"
	<ul style="list-style-type: none"> Air bag diagnosis sensor unit is malfunctioning Air bag power supply circuit is malfunctioning Air bag warning lamp circuit is malfunctioning 	Go to SRC-193, "Diagnosis Procedure"
 <p>SHIA0014E</p>	<ul style="list-style-type: none"> Air bag diagnosis sensor unit is malfunctioning Air bag warning lamp circuit is malfunctioning 	Go to SRC-194, "Diagnosis Procedure"

DIAGNOSIS MODE

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

How to Read Air Bag Warning Lamp

- 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	Blinking pattern
0	<ul style="list-style-type: none"> Self-diagnostic result is not erased after repair Intermittent malfunction is detected in the past 	Refer to the following items <ul style="list-style-type: none"> Refer to How to Erase Self-diagnostic Result GI-40, "Intermittent Incident"
1	Seat belt pre-tensioner RH	Refer to the following items <ul style="list-style-type: none"> SRC-83, "DTC Logic" SRC-85, "DTC Logic" SRC-87, "DTC Logic" SRC-89, "DTC Logic"
2	Driver air bag module	Refer to the following items <ul style="list-style-type: none"> SRC-63, "DTC Logic" SRC-65, "DTC Logic" SRC-67, "DTC Logic" SRC-69, "DTC Logic" SRC-81, "DTC Logic"
3	Seat belt pre-tensioner LH	Refer to the following items <ul style="list-style-type: none"> SRC-91, "DTC Logic" SRC-93, "DTC Logic" SRC-95, "DTC Logic" SRC-97, "DTC Logic" SRC-177, "DTC Logic"
5	Occupant detection system control unit	Refer to the following items <ul style="list-style-type: none"> SRC-44, "DTC Logic" SRC-46, "DTC Logic" SRC-48, "DTC Logic" SRC-52, "DTC Logic" SRC-179, "DTC Logic"
6	Crash zone sensor	Refer to the following items <ul style="list-style-type: none"> SRC-55, "DTC Logic" SRC-57, "DTC Logic" SRC-59, "DTC Logic" SRC-60, "DTC Logic"
7	Air bag diagnosis sensor unit	Refer to the following items <ul style="list-style-type: none"> SRC-41, "DTC Logic" SRC-42, "DTC Logic" SRC-43, "DTC Logic" SRC-54, "DTC Logic" SRC-62, "DTC Logic" SRC-71, "DTC Logic" SRC-80, "DTC Logic" SRC-99, "DTC Logic" SRC-100, "DTC Logic" SRC-111, "DTC Logic" SRC-128, "DTC Logic" SRC-146, "DTC Logic" SRC-147, "DTC Logic" SRC-156, "DTC Logic" SRC-173, "DTC Logic" SRC-181, "DTC Logic" SRC-182, "DTC Logic"
8	Passenger air bag module	Refer to the following items <ul style="list-style-type: none"> SRC-72, "DTC Logic" SRC-74, "DTC Logic" SRC-76, "DTC Logic" SRC-78, "DTC Logic"
11	Front passenger air bag OFF indicator	Refer to SRC-50, "DTC Logic"

DIAGNOSIS SYSTEM (AIR BAG)

< SYSTEM DESCRIPTION >

Number of 0.5 second blinks	Malfunctioning items	Blinking pattern
12	Lap pre-tensioner RH	Refer to the following items <ul style="list-style-type: none"> • SRC-148, "DTC Logic" • SRC-149, "DTC Logic" • SRC-150, "DTC Logic" • SRC-151, "DTC Logic"
13	Lap pre-tensioner LH	Refer to the following items <ul style="list-style-type: none"> • SRC-152, "DTC Logic" • SRC-153, "DTC Logic" • SRC-154, "DTC Logic" • SRC-155, "DTC Logic"
17	Air bag diagnosis sensor unit	Refer to SRC-129, "DTC Logic"

Side air bag system

Number of 0.5-second blinks	Malfunctioning items	Blinking pattern
1	Side air bag module RH	Refer to the following items <ul style="list-style-type: none"> • SRC-112, "DTC Logic" • SRC-114, "DTC Logic" • SRC-116, "DTC Logic" • SRC-118, "DTC Logic"
2	Side air bag module LH	Refer to the following items <ul style="list-style-type: none"> • SRC-120, "DTC Logic" • SRC-122, "DTC Logic" • SRC-124, "DTC Logic" • SRC-126, "DTC Logic"
3	Front satellite sensor RH	Refer to the following items <ul style="list-style-type: none"> • SRC-101, "DTC Logic" • SRC-103, "DTC Logic" • SRC-105, "DTC Logic"
4	Front satellite sensor LH	Refer to the following items <ul style="list-style-type: none"> • SRC-106, "DTC Logic" • SRC-108, "DTC Logic" • SRC-110, "DTC Logic"
5	Rear curtain air bag module RH	Refer to the following items <ul style="list-style-type: none"> • SRC-130, "DTC Logic" • SRC-132, "DTC Logic" • SRC-134, "DTC Logic" • SRC-136, "DTC Logic"
6	Rear curtain air bag module LH	Refer to the following items <ul style="list-style-type: none"> • SRC-138, "DTC Logic" • SRC-140, "DTC Logic" • SRC-142, "DTC Logic" • SRC-147, "DTC Logic"
7	Front curtain air bag module RH	Refer to the following items <ul style="list-style-type: none"> • SRC-157, "DTC Logic" • SRC-159, "DTC Logic" • SRC-161, "DTC Logic" • SRC-163, "DTC Logic"
8	Front curtain air bag module LH	Refer to the following items <ul style="list-style-type: none"> • SRC-165, "DTC Logic" • SRC-167, "DTC Logic" • SRC-169, "DTC Logic" • SRC-171, "DTC Logic"
11	Rear satellite sensor RH	Refer to the following items <ul style="list-style-type: none"> • SRC-183, "DTC Logic" • SRC-185, "DTC Logic" • SRC-187, "DTC Logic"
12	Rear satellite sensor LH	Refer to the following items <ul style="list-style-type: none"> • SRC-188, "DTC Logic" • SRC-190, "DTC Logic" • SRC-192, "DTC Logic"

DIAGNOSIS SYSTEM (AIR BAG)

< SYSTEM DESCRIPTION >

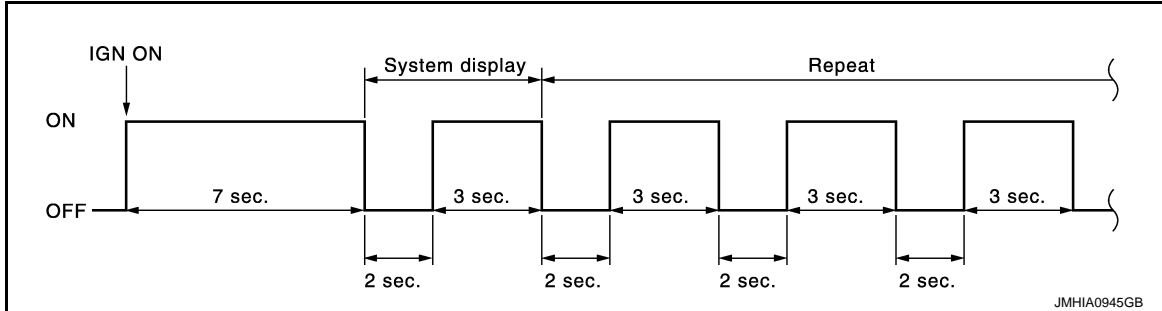
How to Erase Self-diagnostic Result

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

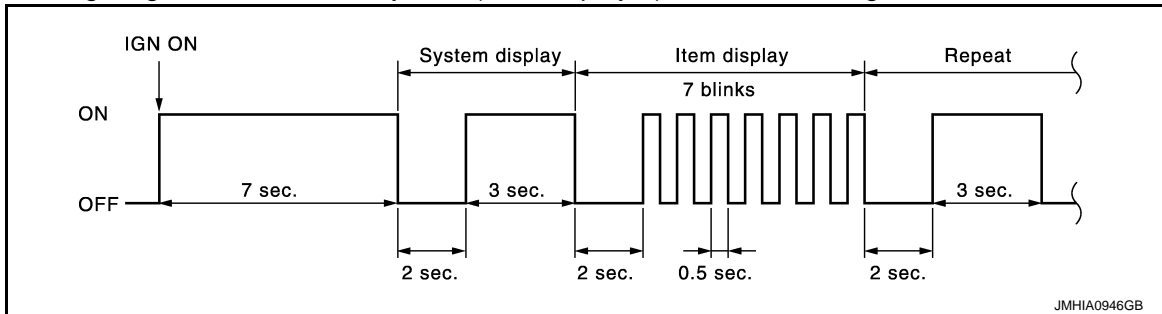
When system is normal.



Single System Malfunction

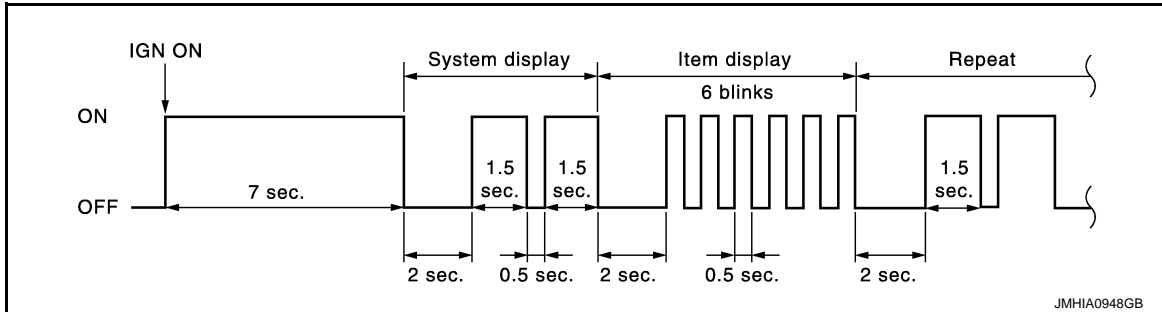
• Front air bag system

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



• Side air bag system

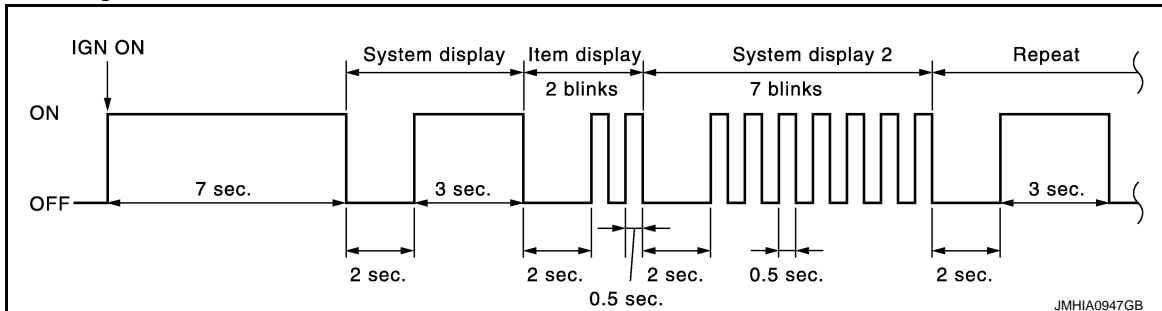
When rear curtain air bag module LH system (Item display 1) is malfunctioning.



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.

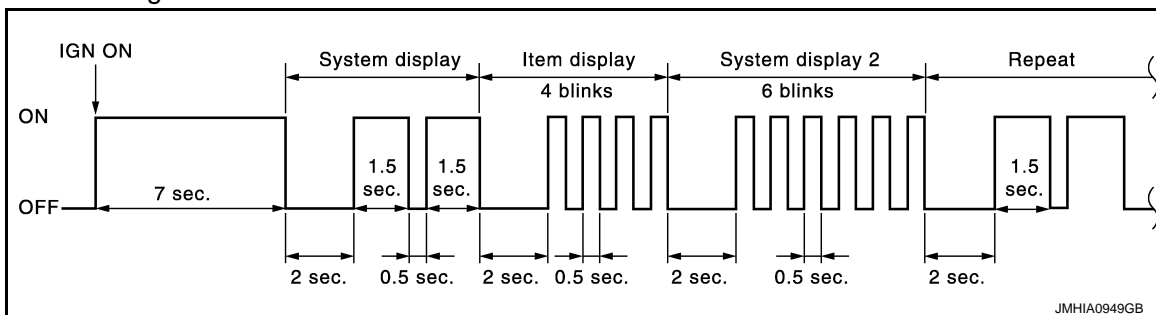


• Side air bag system

DIAGNOSIS SYSTEM (AIR BAG)

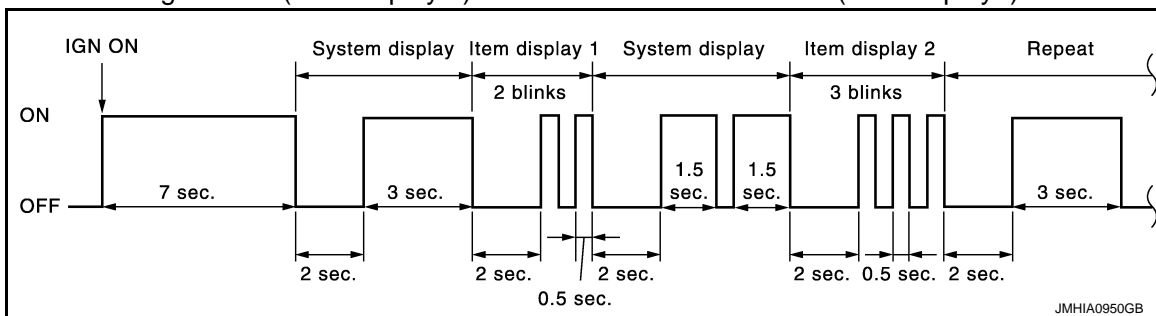
< SYSTEM DESCRIPTION >

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



- Front air bag system and side air bag system

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



CONSULT-III Function

INFOID:000000006219954

SRC

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-22, "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]	This item is displayed, but cannot be supported.
	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"

DIAGNOSIS SYSTEM (AIR BAG)

< SYSTEM DESCRIPTION >

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 (AIR BAG)

This item indicates IGN low or high 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 or highroad to the voltage value (more than 16V) 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.

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 or high voltage is detected. If not, "OK" is displayed.
	IGN VOLT TIME	Number of times of IGN low or high voltage is detected.
	LOW V RECORDED	Number of times of IGN ON after IGN low or high voltage is detected at first.

CAUSE OF WARNING (OCCUPANT DETECTION SYSTEM)

Detection status and detection record is displayed when air bag warning lamp blinks due to occupant detection function stop. Change to trouble diagnosis mode by ignition switch is not possible while warning lamp is blinking due to occupant detection function stop. "NO DTC" is displayed even if the malfunctioning parts are checked by CONSULT-III.

Display contents of CONSULT-III		Description
Occupant detection system	FUNCTION STATUS	<ul style="list-style-type: none">• "ON" or "STOP" is displayed according to occupant detection status that is recognized by occupant detection system control unit.• "STOP" is displayed when occupant detection function is stopped, if not, "ON" is displayed.
	STOP DETECTION	Displays number of times occupant detection function stop which is detected by occupant detection system control unit is displayed.
	DETECTION RECORD	Displays number of times of IGN ON since first detection of occupant detection function stop is displayed.

DIAGNOSIS SYSTEM (OCCUPANT DETECTION SYSTEM)

< SYSTEM DESCRIPTION >

DIAGNOSIS SYSTEM (OCCUPANT DETECTION SYSTEM)

CONSULT-III Function

INFOID:000000006219955

ZERO POINT RESET DESCRIPTION

This vehicle adopts occupant detection system with a weight detecting method. When replacing, or removing and installing passenger seat, always perform “zero point reset” so that the vehicle recognizes zero point. If zero point reset is incomplete, occupant detection sensor does not operate normally.

WORK SUPPORT

Monitor item	Description
Zero point reset function	Perform zero point reset. Refer to SRC-39, "ZERO POINT RESET : Special Repair Requirement" .

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DTC Index

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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) or High battery voltage (more than 16 V)	SRC-19, "CONSULT-III Function" .
			Malfunction occurs in Occupant detection System	SRC-19, "CONSULT-III Function" .
			Self-diagnostic result is not erased after repair	SRC-14, "On Board Diagnosis Function" , SRC-19, "CONSULT-III Function" .
			Intermittent malfunction is detected in the past	GI-40, "Intermittent Incident"
		No malfunction is detected		—
B1001-B1015	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning		<ul style="list-style-type: none"> SRC-41, "DTC Logic". SRC-42, "DTC Logic". SRC-43, "DTC Logic".
B1017 B1020 B1021	OCCUPANT SENS C/U [UNIT FAIL]	Malfunction occurs in Occupant Detection System control unit		SRC-44, "DTC Logic"
B1018	OCCUPANT SENS [UNIT FAIL]	Malfunction occurs in Occupant Detection System sensor		SRC-46, "DTC Logic"
B1022	OCCUPANT SENS C/U [COMM FAIL]	Malfunction occurs in Occupant Detection System control unit, circuit of Occupant Detection System control unit, or air bag diagnosis sensor unit		SRC-48, "DTC Logic"
B1023	PASS A/B INDCTR CKT	Front passenger air bag OFF indicator circuit is open or shorted to ground or the circuits are shorted each other		SRC-50, "DTC Logic"
B1025 B1032 B1048	OCS SENSOR	Malfunction occurs in Occupant Detection System control unit, circuit of Occupant Detection System control unit, or air bag diagnosis sensor unit		SRC-52, "DTC Logic"
B1026-B1031	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning		SRC-54, "DTC Logic" .
B1033 B1034	CRASH ZONE SEN [UNIT FAIL]	Crash zone sensor is malfunctioning		SRC-55, "DTC Logic" .
B1035	CRASH ZONE SEN [COMM FAIL]	Crash zone sensor is malfunctioning		SRC-57, "DTC Logic" .
B1036	CRASH ZONE SEN [UNMATCH]	Crash zone sensor is out of the specified specification		SRC-59, "DTC Logic" .
B1037 B1039 B1041	CRASH ZONE SEN1	Crash zone sensor is malfunctioning		SRC-60, "DTC Logic" .
B1042-B1047	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning		SRC-62, "DTC Logic" .
B1049 B1054	DRIVER AIRBAG MODULE [OPEN]	Driver air bag module circuit is open (including the spiral cable)		SRC-63, "DTC Logic" .

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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-65, "DTC Logic" .
B1051 B1056	DRIVER AIRBAG MODULE [GND-SHORT]	Driver air bag module circuit is shorted to ground (including the spiral cable)	SRC-67, "DTC Logic" .
B1052 B1057	DRIVER AIRBAG MODULE [SHORT]	Driver air bag module circuits are shorted to each other (including spiral cable)	SRC-69, "DTC Logic" .
B1058-B1063	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-71, "DTC Logic" .
B1065 B1070	ASSIST A/B MODULE [OPEN]	Passenger air bag module circuit is open	SRC-72, "DTC Logic" .
B1066 B1071	ASSIST A/B MODULE [VB-SHORT]	Passenger air bag module circuit is shorted to power supply circuit	SRC-74, "DTC Logic" .
B1067 B1072	ASSIST A/B MODULE [GND-SHORT]	Passenger air bag module circuit is shorted to ground	SRC-76, "DTC Logic" .
B1068 B1073	ASSIST A/B MODULE [SHORT]	Passenger air bag module circuits are shorted to each other	SRC-78, "DTC Logic" .
B1074-B1079	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-80, "DTC Logic" .
B1080 B1096	DRIVER AIRBAG MODULE [SHORT]	Driver air bag module circuits are shorted to each other (including spiral cable)	SRC-81, "DTC Logic" .
B1081	PRE-TEN FRONT RH [OPEN]	Seat belt pre-tensioner RH circuit is open	SRC-83, "DTC Logic" .
B1082	PRE-TEN FRONT RH [VB-SHORT]	Seat belt pre-tensioner RH circuit is shorted to power supply circuit	SRC-85, "DTC Logic" .
B1083	PRE-TEN FRONT RH [GND-SHORT]	Seat belt pre-tensioner RH circuit is shorted to ground	SRC-87, "DTC Logic" .
B1084	PRE-TEN FRONT RH [SHORT]	Seat belt pre-tensioner RH circuits are shorted to each other	SRC-89, "DTC Logic" .
B1086	PRE-TEN FRONT LH [OPEN]	Seat belt pre-tensioner LH circuit is open	SRC-91, "DTC Logic" .
B1087	PRE-TEN FRONT LH [VB-SHORT]	Seat belt pre-tensioner LH circuit is shorted to power supply circuit	SRC-93, "DTC Logic" .
B1088	PRE-TEN FRONT LH [GND-SHORT]	Seat belt pre-tensioner LH circuit is shorted to ground	SRC-95, "DTC Logic" .
B1089	PRE-TEN FRONT LH [SHORT]	Seat belt pre-tensioner LH circuits are shorted to each other	SRC-97, "DTC Logic" .
B1090-B1095	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-99, "DTC Logic" .
B1106-B1111	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-100, "DTC Logic" .
B1113 B1114	SATELLITE SENS RH [UNIT FAIL]	Front satellite sensor RH is malfunctioning	SRC-101, "DTC Logic" .
B1115	SATELLITE SENS RH [COMM FAIL]	Front satellite sensor RH is malfunctioning	SRC-103, "DTC Logic" .
B1116	SATELLITE SENS RH [UNMATCH]	Front satellite sensor RH is out of the specified specification	SRC-105, "DTC Logic" .
B1118 B1119	SATELLITE SENS LH [UNIT FAIL]	Front satellite sensor LH is malfunctioning	SRC-106, "DTC Logic" .
B1120	SATELLITE SENS LH [COMM FAIL]	Front satellite sensor LH is malfunctioning	SRC-108, "DTC Logic" .
B1121	SATELLITE SENS LH [UNMATCH]	Front satellite sensor LH is out of the specified specification	SRC-110, "DTC Logic" .

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DTC	Diagnostic item	Explanation	Reference page
B1122-B1127	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-111, "DTC Logic" .
B1129	SIDE MODULE RH [OPEN]	Side air bag module RH circuit is open	SRC-112, "DTC Logic" .
B1130	SIDE MODULE RH [VB-SHORT]	Side air bag module RH circuit is shorted to power supply circuit	SRC-114, "DTC Logic" .
B1131	SIDE MODULE RH [GND-SHORT]	Side air bag module RH circuit is shorted to ground	SRC-116, "DTC Logic" .
B1132	SIDE MODULE RH [SHORT]	Side air bag module RH circuits are shorted to each other	SRC-118, "DTC Logic" .
B1134	SIDE MODULE LH [OPEN]	Side air bag module LH circuit is open	SRC-120, "DTC Logic" .
B1135	SIDE MODULE LH [VB-SHORT]	Side air bag module LH circuit is shorted to power supply circuit	SRC-122, "DTC Logic" .
B1136	SIDE MODULE LH [GND-SHORT]	Side air bag module LH circuit is shorted to ground	SRC-124, "DTC Logic" .
B1137	SIDE MODULE LH [SHORT]	Side air bag module LH circuits are shorted to each other	SRC-126, "DTC Logic" .
B1138-B1143	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-128, "DTC Logic" .
B1144	CONTROL UNIT [MISS INSTALLATION]	Air bag diagnosis sensor unit is malfunctioning or out of the specified specification	SRC-129, "DTC Logic" .
B1145	CURTAIN MODULE RH [OPEN]	Rear curtain air bag module RH circuit is open	SRC-130, "DTC Logic" .
B1146	CURTAIN MODULE RH [VB-SHORT]	Rear curtain air bag module RH circuit is shorted to power supply circuit	SRC-132, "DTC Logic" .
B1147	CURTAIN MODULE RH [GND-SHORT]	Rear curtain air bag module RH circuit is shorted to ground	SRC-134, "DTC Logic" .
B1148	CURTAIN MODULE RH [SHORT]	Rear curtain air bag module RH circuits are shorted to each other	SRC-136, "DTC Logic" .
B1150	CURTAIN MODULE LH [OPEN]	Rear curtain air bag module LH circuit is open	SRC-138, "DTC Logic" .
B1151	CURTAIN MODULE LH [VB-SHORT]	Rear curtain air bag module LH circuit is shorted to power supply circuits	SRC-140, "DTC Logic" .
B1152	CURTAIN MODULE LH [GND-SHORT]	Rear curtain air bag module LH circuit is shorted to ground	SRC-142, "DTC Logic" .
B1153	CURTAIN MODULE LH [SHORT]	Rear curtain air bag module LH circuits are shorted to each other	SRC-144, "DTC Logic" .
B1154-B1159	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-146, "DTC Logic" .
B1170-B1175	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-147, "DTC Logic" .
B1177	PRE-TEN2 FRONT RH [OPEN]	Lap pre-tensioner RH circuit is open	SRC-148, "DTC Logic" .
B1178	PRE-TEN2 FRONT RH [VB-SHORT]	Lap pre-tensioner RH circuit is shorted to power supply circuit	SRC-149, "DTC Logic" .
B1179	PRE-TEN2 FRONT RH [GND-SHORT]	Lap pre-tensioner RH circuit is shorted to ground	SRC-150, "DTC Logic" .
B1180	PRE-TEN2 FRONT RH [SHORT]	Lap pre-tensioner RH circuits are shorted to each other	SRC-151, "DTC Logic" .
B1182	PRE-TEN2 FRONT LH [OPEN]	Lap pre-tensioner LH circuit is open	SRC-152, "DTC Logic" .

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DTC	Diagnostic item	Explanation	Reference page
B1183	PRE-TEN2 FRONT LH [VB-SHORT]	Lap pre-tensioner LH circuit is shorted to power supply circuit	SRC-153, "DTC Logic"
B1184	PRE-TEN2 FRONT LH [GND-SHORT]	Lap pre-tensioner LH circuit is shorted to ground	SRC-154, "DTC Logic"
B1185	PRE-TEN2 FRONT LH [SHORT]	Lap pre-tensioner LH circuits are shorted to each other	SRC-155, "DTC Logic"
B1186-B1191	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-156, "DTC Logic"
B1193	CURTAIN MODULE RH [OPEN]	Front curtain air bag module RH circuit is open	SRC-157, "DTC Logic"
B1194	CURTAIN MODULE RH [VB-SHORT]	Front curtain air bag module RH circuit is shorted to power supply circuit	SRC-159, "DTC Logic"
B1195	CURTAIN MODULE RH [GND-SHORT]	Front curtain air bag module RH circuit is shorted to ground	SRC-161, "DTC Logic"
B1196	CURTAIN MODULE RH [SHORT]	Front curtain air bag module RH circuits are shorted to each other	SRC-163, "DTC Logic"
B1198	CURTAIN MODULE LH [OPEN]	Front curtain air bag module LH circuit is open	SRC-165, "DTC Logic"
B1199	CURTAIN MODULE LH [VB-SHORT]	Front curtain air bag module LH circuit is shorted to power supply circuits	SRC-167, "DTC Logic"
B1200	CURTAIN MODULE LH [GND-SHORT]	Front curtain air bag module LH circuit is shorted to ground	SRC-169, "DTC Logic"
B1201	CURTAIN MODULE LH [SHORT]	Front curtain air bag module LH circuits are shorted to each other	SRC-171, "DTC Logic"
B1202-B1207	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-173, "DTC Logic"
B1209	FRONTAL COLLISION DETECTION	Seat belt pre-tensioner, driver air bag and passenger air bag are deployed	SRC-174, "Description"
B1210	SIDE COLLISION DETECTION	Side air bag, curtain air bag and seat belt pre-tensioners are deployed	SRC-175, "DTC Logic"
B1211	ROLLOVER DETECTION	Curtain air bag and seat belt pre-tensioners are deployed	SRC-176, "DTC Logic"
B1212-B1214	RH1 SAT-SENS	Satellite sensor RH is malfunctioning	SRC-177, "DTC Logic"
B1215-B1217	LH1 SAT-SENS	Satellite sensor LH is malfunctioning	SRC-179, "DTC Logic"
B1218-B1223	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-181, "DTC Logic"
B1234-B1239	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-182, "DTC Logic"
B1304	SATELLITE SENS RH [UNIT FAIL]	Rear satellite sensor RH is malfunctioning	SRC-183, "DTC Logic"
B1306 B1308 B1309 B1310	SATELLITE SENS RH [COMM FAIL]	Rear satellite sensor RH is malfunctioning	SRC-185, "DTC Logic"
B1307	SATELLITE SENS RH [UNMATCH]	Rear satellite sensor RH is out of the specified specification	SRC-187, "DTC Logic"
B1311	SATELLITE SENS LH [UNIT FAIL]	Rear satellite sensor LH is malfunctioning	SRC-188, "DTC Logic"

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

DTC	Diagnostic item	Explanation	Reference page
B1313 B1315 B1316 B1317	SATELLITE SENS LH [COMM FAIL]	Rear satellite sensor LH is malfunctioning	SRC-190, "DTC Logic"
B1314	SATELLITE SENS LH [UNMATCH]	Rear satellite sensor LH is out of the specified specification	SRC-192, "DTC Logic"

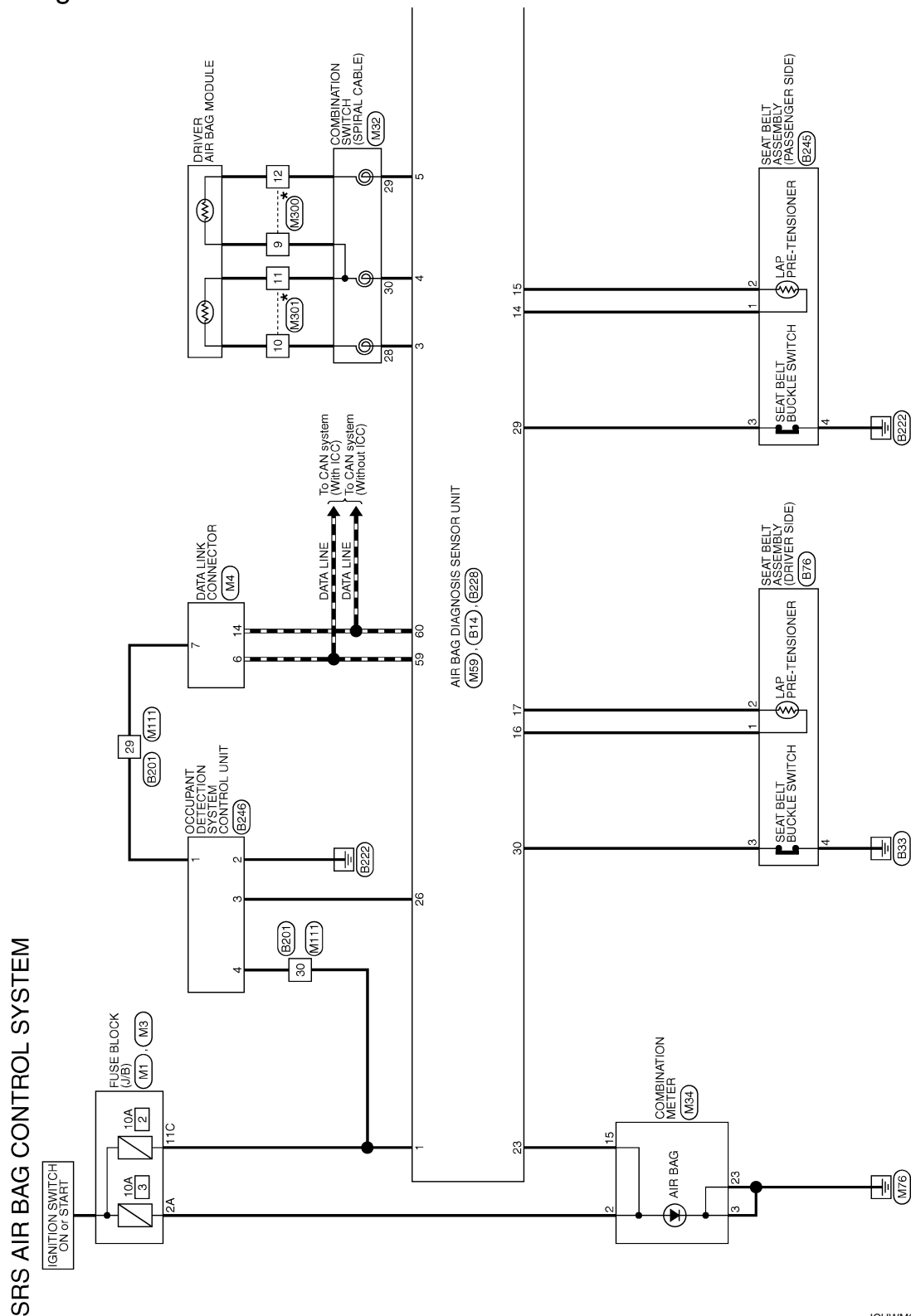
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WIRING DIAGRAM

SRS AIR BAG SYSTEM

Wiring Diagram

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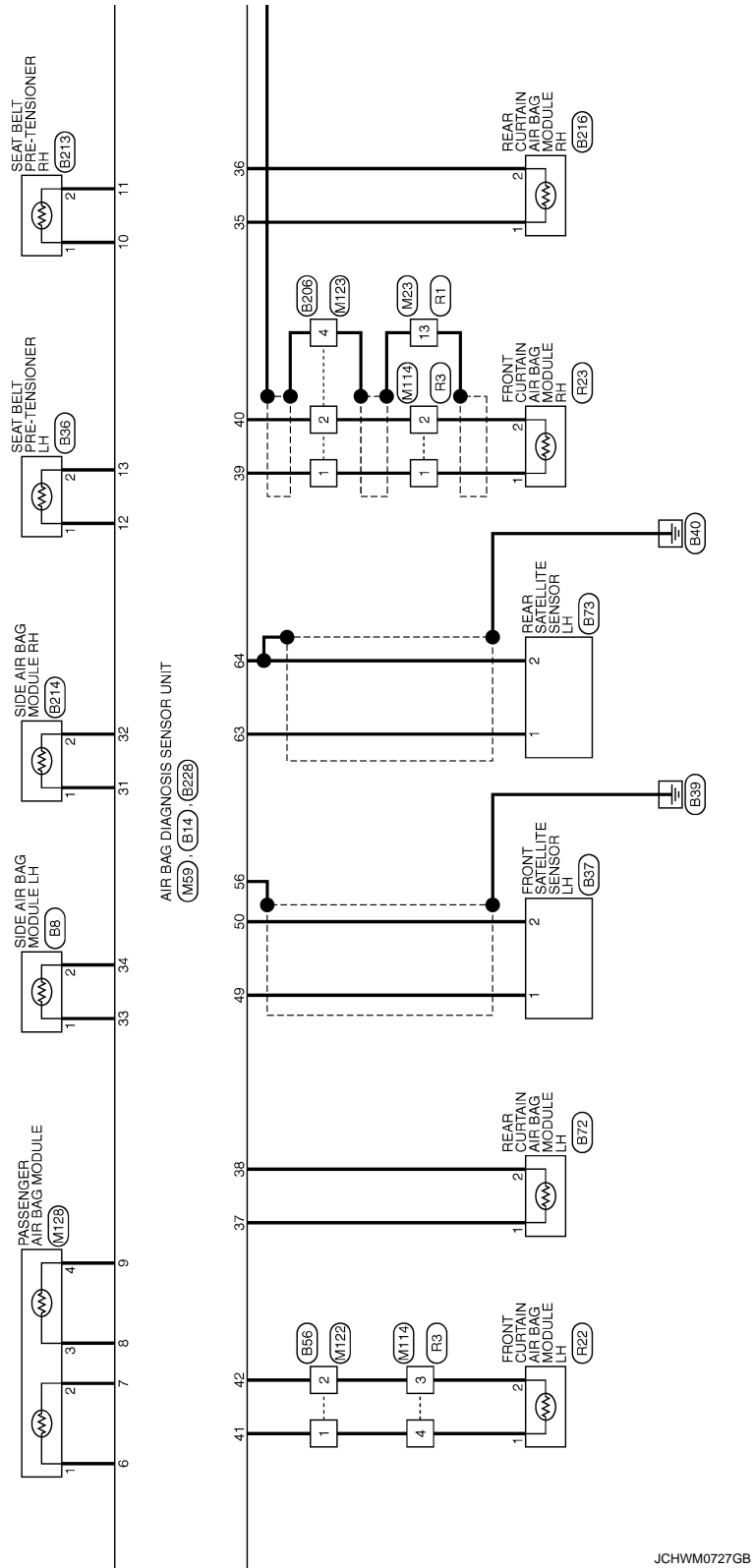
★: This connector is not shown in "Harness Layout".

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SRS AIR BAG SYSTEM

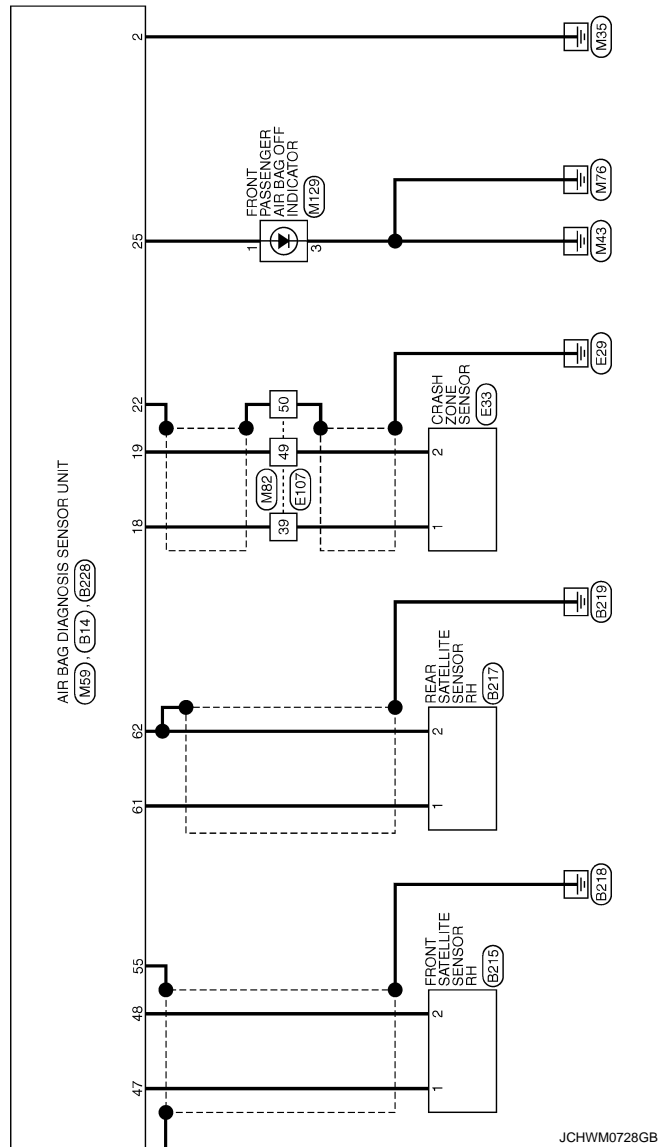
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SRS AIR BAG SYSTEM

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SRS AIR BAG SYSTEM

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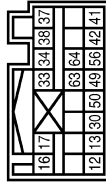
SRS AIR BAG CONTROL SYSTEM

Connector No.	B8
Connector Name	SIDE AIR BAG MODULE LH
Connector Type	TK02FY-EX-1V



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

Connector No.	B14
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NI02FY-2V-EX



Terminal No.	Color of Wire	Signal Name [Specification]
12	Y/L	PLH (+)
13	O	PLH (-)
16	V	PLH 2 (+)
17	G	PLH 2 (-)
20	O/B	LH BUCKLE SW INPUT
33	Y	SIDE INF LH+
34	Y/R	SIDE INF LH-
37	Y/G	GLH (+)
38	Y/B	GLH (-)
41	Y	GLH (+)
42	Y/R	GLH (-)
49	P	SIDE SENS LH+
50	L	SIDE SENS LH-
56	SHIELD	GND
63	W	SATELLITE LH (+)
64	R	SATELLITE LH (-)

Connector No.	B36
Connector Name	SEAT BELT PRE-TENSIONER LH
Connector Type	ACA02FY-2V



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

Connector No.	B37
Connector Name	FRONT SATELLITE SENSOR LH
Connector Type	HK02FY-1V-EX-LC



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

Connector No.	B56
Connector Name	WIRE TO WIRE
Connector Type	TK04FY



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

Connector No.	B72
Connector Name	REAR CURTAIN AIR BAG MODULE LH
Connector Type	ACA02FY-2V



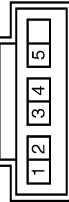
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y/G	-
2	Y/B	-

Connector No.	B73
Connector Name	REAR SATELLITE SENSOR LH
Connector Type	HK02FY-1V-EX-LC



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

Connector No.	B76
Connector Name	SEAT BELT ASSEMBLY (DRIVER SIDE)
Connector Type	AAG08FY-SC



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	PRETEN+
2	G	PRETEN-

3	O/B	BUCKLE SW
4	B	GND
5	LG/R	PRE-CRASH

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SRS AIR BAG SYSTEM

< WIRING DIAGRAM >

SRS AIR BAG CONTROL SYSTEM

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS-E-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	R/B	-
2	G	-
3	W	-
5	W/B	-
6	L/Y	-
7	R	-
8	GR/R	-
9	GR/R	-
11	W	-
12	V	-
13	Y	-
16	L/O	-
17	GR/L	-
18	R/G	-
19	L/Y	-
20	G/Y	-
21	R	-
22	GR	-
27	L/W	-
28	W	-
30	R/L	-
31	Y/L	-
32	W/R	-
33	W/G	-
34	L/R	-
38	P/B	-
40	W/R	-
41	R	-
42	L	-
43	B/W	-
51	L/B	-
52	L/R	-
53	SB	-
54	V/W	-
55	L	-
60	GR	-
61	P/L	-
62	B/BB	-

63	R/Y	-
64	BR	-
70	O	-
71	G/R	-
72	SHIELD	-
73	G/O	-
74	G/Y	-
77	SB	-
78	LG	-
79	R/B	-
90	W/B	-
93	Y	-
94	L	-
95	L/R	-
96	R	-
97	W	-
98	V	-
99	L/W	-
100	W	-

Connector No.	B206
Connector Name	WIRE TO WIRE
Connector Type	TK04FY



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y/G	-
2	Y/L	-
4	SHIELD	-

Connector No.	B213
Connector Name	SEAT BELT PRE-TENSIONER RH
Connector Type	ACA02FY-2V



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

Connector No.	B214
Connector Name	SIDE AIR BAG MODULE RH
Connector Type	TK02FY-EX-1V



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

Connector No.	B215
Connector Name	FRONT SATELLITE SENSOR RH
Connector Type	HK02FY-1V-EX-LC



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

Connector No.	B216
Connector Name	REAR CURTAIN AIR BAG MODULE RH
Connector Type	ACA02FY-2V



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

Connector No.	B217
Connector Name	REAR SATELLITE SENSOR RH
Connector Type	HK02FY-1V-EX-LC



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

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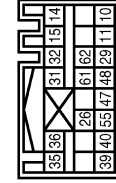
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SRS AIR BAG SYSTEM

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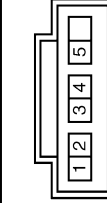
SRS AIR BAG CONTROL SYSTEM

Connector No.	B228
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	HN2FY-1V-EX



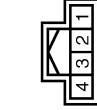
Terminal No.	Color of Wire	Signal Name [Specification]
10	Y	PRH (+)
11	Y/B	PRH (-)
14	W	PRH 2 (+)
15	R/W	PRH 2 (-)
26	L/R	ODS INPUT
28	Y	RH BUCKLE SW INPUT
31	Y	SIDE SENS RH+
32	Y/B	SIDE SENS RH-
35	Y/L	CRH (+)
36	Y/R	CRH (-)
39	Y/G	CRH (+)
40	Y/L	CRH (-)
47	W	SIDE SENS RH+
48	R	SIDE SENS RH-
55	SHIELD	GND
61	V	SATELLITE RH (+)
62	LG	SATELLITE RH (-)

Connector No.	B245
Connector Name	SEAT BELT ASSEMBLY (PASSENGER SIDE)
Connector Type	AAG0BFY-SG



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	PRETEN+
2	R/W	PRETEN-
3	L/Y	BUCKLE SW
4	B	GND
5	LG/B	PRE-CRASH

Connector No.	B246
Connector Name	OCCUPANT DETECTION SYSTEM CONTROL UNIT
Connector Type	TH04FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	B	-
3	L/R	-
4	R/L	-

Connector No.	E33
Connector Name	CRASH ZONE SENSOR
Connector Type	HK02FY-1V-EX-LG



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

Connector No.	E107
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	B	-
3	L/R	-
4	R/L	-

1	L	-
4	V/W	-
5	G/R	-
8	P	-
9	GR/L	-
10	Y/R	-
11	L/R	-
12	W/G	-
13	BR/Y	-
14	LG	-
15	BR/W	-
17	W/B	-
18	GR/R	-
20	W/R	-
21	B	-
22	R/L	-
23	G/R	-
24	R/W	-
25	W/L	-
26	R	-
27	L	-
28	G/B	-
37	G/Y	-
38	G/Y	-
39	O	-
40	W	-
41	R	-
42	B	-
43	Y	-
44	G	-
45	SHIELD	-
46	G/O	-
47	G/R	-
48	SHIELD	-
49	W	-
50	SHIELD	-
51	Y/R	-
52	GR	-
53	LG/B	-
54	LG/R	-
55	R/G	-
56	B/R	-
57	SB	-
60	G	-
61	B	-
62	W	-
63	R	-
64	SHIELD	-
65	L/Y	-
66	V	-
67	B/W	-
68	G/R	-
69	G/R	-

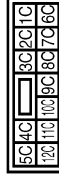
95	SB	-
96	G/R	-
97	GR/L	-
98	G/W	-
99	R/Y	-
100	L	-

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS08FW-M2



Terminal No.	Color of Wire	Signal Name [Specification]
1A	Y	-
2A	GR	-
3A	W	-
4A	Y/G	-
5A	V	-
6A	L/W	-
7A	LG	-
8A	W	-

Connector No.	M3
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS12FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
6C	R	-
7C	B	-
8C	W	-
10C	GR	-
11C	R/L	-
12C	GR/L	-

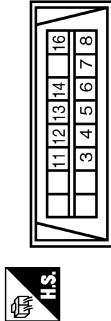
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SRS AIR BAG SYSTEM

< WIRING DIAGRAM >

SRS AIR BAG CONTROL SYSTEM

Connector No.	M4
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	SB	-
8	GR	-
11	SB	-
12	R	-
13	L	-
14	P	-
16	Y	-

Connector No.	M23
Connector Name	WIRE TO WIRE
Connector Type	TH22MW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
4	Y	-
7	B	-
8	Y/L	-
10	B	-
11	R	-
12	Y	-
13	SHIELD	-
14	Y	-
15	W/R	-
16	L/O	-

17	Y	-
20	W	-
22	SB	-
23	Y/R	-
24	SHIELD	-
25	Y/G	-
26	L/O	-
27	W/G	-
28	Y	-
29	L	-
30	B/SB	-
31	BR	-
32	GR/L	-

Connector No.	M32
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK08FY-EX-TV



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

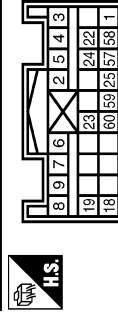
Connector No.	M34
Connector Name	COMBINATION METER
Connector Type	TH46FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	BATTERY POWER SUPPLY
2	GR	IGNITION SIGNAL
3	B	GROUND

4	B	GROUND
5	B	ILL. GND
7	R	TOW MODE SIGNAL
8	P/L	TRIP RESET SWITCH SIGNAL
11	G	ENTER SWITCH SIGNAL
12	O	SELECT SWITCH SIGNAL
13	W/R	ILLUMINATION CONTROL SWITCH SIGNAL (+)
14	R	ILLUMINATION CONTROL SWITCH SIGNAL (-)
15	R/W	AIR BAG SIGNAL
18	W/R	AMBIENT SENSOR SIGNAL
19	V/W	A/C AUTO AMP. CONNECTION RECOGNITION SIGNAL
20	B	AMBIENT SENSOR GROUND
21	L	CAN-H
22	P	CAN-L
23	B	GROUND
24	V	FUEL LEVEL SENSOR GROUND
25	O/L	ALTERNATOR SIGNAL
26	W	PARKING BRAKE SWITCH SIGNAL
28	GR/R	SECURITY SIGNAL
29	BR	WASHER LEVEL SWITCH SIGNAL
30	SB	VEHICLE SPEED SIGNAL (2-PULSE)
31	BR/W	VEHICLE SPEED SIGNAL (8-PULSE)
33	W	SNOW MODE SIGNAL
34	BR/Y	FUEL LEVEL SENSOR SIGNAL
35	O/B	SEAT BELT BUCKLE SWITCH SIGNAL (DRIVER SIDE)
36	G/Y	PASSENGER SEAT BELT WARNING SIGNAL
37	R/Y	NON-MANUAL MODE SIGNAL
38	L/W	MANUAL MODE SHIFT DOWN SIGNAL
39	Y/B	MANUAL MODE SHIFT UP SIGNAL
40	G/W	MANUAL MODE SIGNAL

Connector No.	M59
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH28FY-EX



Terminal No.	Color of Wire	Signal Name [Specification]
1	R/L	IGN
2	B	GND
3	Y	DRL (+)
4	Y/R	DRL (-) DRZ (-)
5	Y/G	DR 2 (+)
6	Y/L	ASI (+)

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SRS AIR BAG SYSTEM

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SRS AIR BAG CONTROL SYSTEM

Connector No.	M82
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	
4	V/W	
5	G/R	
6	P	
9	GR/L	
10	Y/R	
11	L/R	
12	W/G	
13	BR/Y	
14	LG	
15	BR/W	
17	W/B	
18	GR/R	
20	W/R	
21	B	
22	R/L	
23	G/R	
24	R/W	
25	W/L	
26	R	
27	L	
28	B/SB	
32	G/Y	
38	G/Y	
39	O	
40	W	
41	R	
42	B	
43	Y	
44	G	
45	SHIELD	
46	G/O	
47	G/R	
48	SHIELD	
49	W	
50	SHIELD	
51	Y/R	
52	GR	

53	LG/B	-
54	LG/R	-
55	B/G	-
56	B/O	-
57	SB	-
60	G	-
61	B	-
62	W	-
63	R	-
64	SHIELD	-
65	L/Y	-
66	V	-
67	B/W	-
91	G/R	-
95	SB	-
96	G/R	-
97	GR/L	-
98	G/W	-
99	P	-
100	L	-

Connector No.	M111
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	R/B	
2	G	
3	W/R	
5	W/B	
6	L/Y	
7	R	
8	G/R	
9	GR/R	
11	W	
12	V	
13	Y	
16	L/O	
17	GR/L	
18	R/G	
19	L/Y	
20	G/Y	

Connector No.	M114
Connector Name	WIRE TO WIRE
Connector Type	TH80FY



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y/G	
2	Y/L	
3	Y/R	
4	Y	

Connector No.	M122
Connector Name	WIRE TO WIRE
Connector Type	TH80MY-BD-SG



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

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SRS AIR BAG SYSTEM

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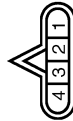
SRS AIR BAG CONTROL SYSTEM

Connector No.	Color of Wire	Signal Name [Specification]
M123	WIRE TO WIRE	
TK04MY-BD-SC		



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y/G	
2	Y/L	
4	SHIELD	

Connector No.	Color of Wire	Signal Name [Specification]
M128	PASSENGER AIR BAG MODULE	
RK04FY-BD		



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

Connector No.	Color of Wire	Signal Name [Specification]
M129	FRONT PASSENGER AIR BAG OFF INDICATOR	
TK03FW		



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	A B CUTOFF-TELLTALE
3	B	GND

Connector No.	Color of Wire	Signal Name [Specification]
M300	DRIVER AIR BAG MODULE	
ACA02FY-2V		



Terminal No.	Color of Wire	Signal Name [Specification]
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Connector No.	Color of Wire	Signal Name [Specification]
M301	DRIVER AIR BAG MODULE	
ACA02FY-2V		



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

Connector No.	Color of Wire	Signal Name [Specification]
R1	WIRE TO WIRE	
TH02FW-NH		



16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17

Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
4	Y	
7	B	
8	Y/L	
10	B	
11	R	
12	Y	
13	SHIELD	
14	B/Y	
15	W/R	
16	L/O	
17	Y	
20	W	
22	SB	
23	Y	
24	SHIELD	
25	Y/G	
26	L	
27	W/G	
28	Y	
29	L	
30	B/SB	
31	BR	
32	B/R	

Connector No.	Color of Wire	Signal Name [Specification]
R3	WIRE TO WIRE	
TK04MY-BD-SC		



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y/G	
2	Y/L	
3	Y/R	
4	Y	

Connector No.	Color of Wire	Signal Name [Specification]
R22	FRONT CURTAIN AIR BAG MODULE LH	
ACA02FY-2V		



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

Connector No.	Color of Wire	Signal Name [Specification]
R23	FRONT CURTAIN AIR BAG MODULE RH	
ACA02FY-2V		



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y/G	
2	Y/L	

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DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

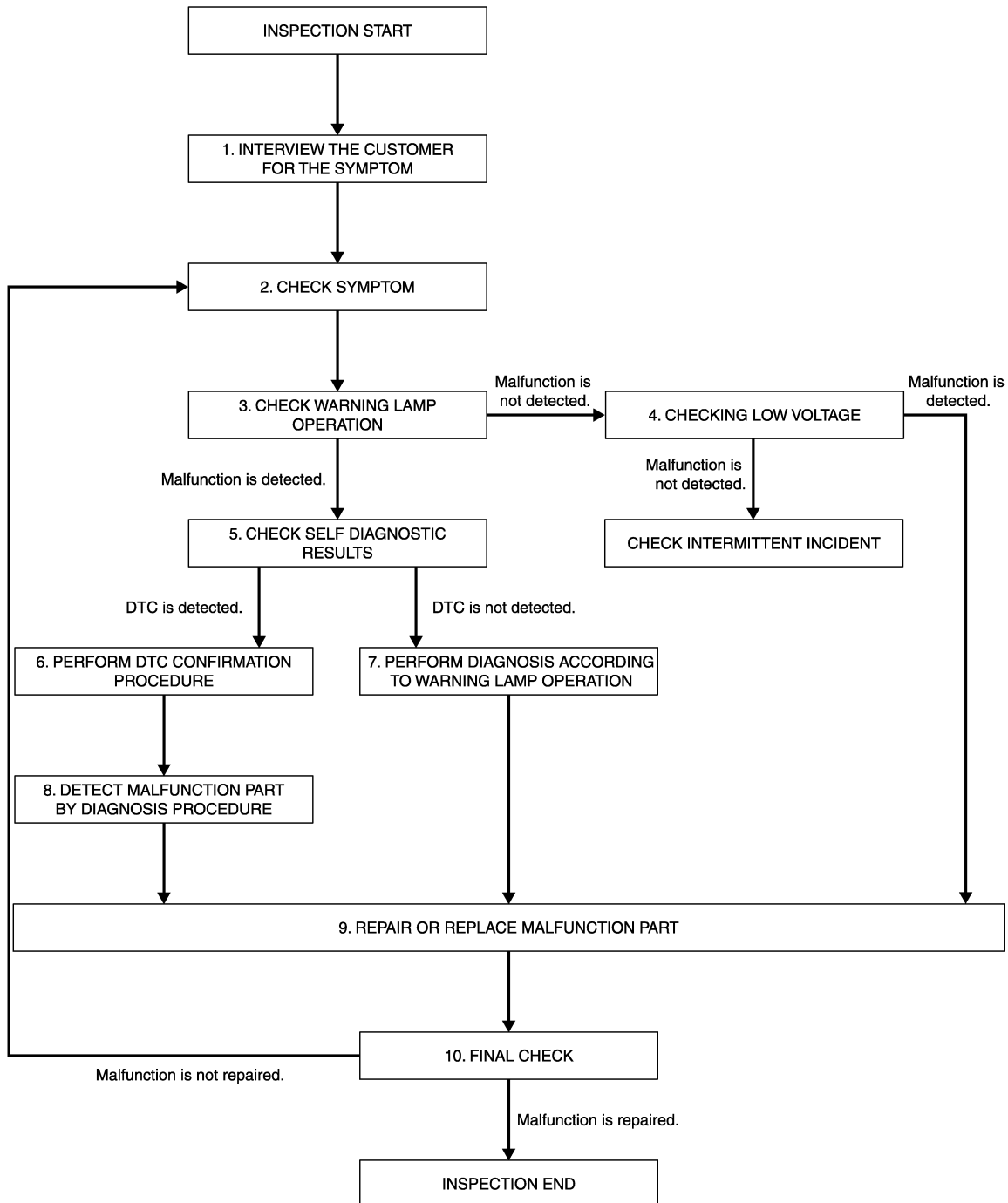
BASIC INSPECTION

DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

INFOID:000000006219958

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-14, "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-19, "CONSULT-III Function"](#).

Are any malfunction detected?

YES >> GO TO 9.

NO >> Check intermittent incident. Refer to [GI-40, "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-14, "On Board Diagnosis Function"](#).
2. Perform Diagnosis Procedure for the air bag warning lamp operation. Refer to [SRC-14, "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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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.

INSPECTION AND ADJUSTMENT

< BASIC INSPECTION >

INSPECTION AND ADJUSTMENT

ADDITIONAL SERVICE WHEN REPLACING CONTROL UNIT

ADDITIONAL SERVICE WHEN REPLACING CONTROL UNIT : Description

INFOID:0000000006219959

When replacing or removing and installing passenger seat, always perform zero point reset so that Occupant Detection System is activated normally.

ADDITIONAL SERVICE WHEN REPLACING CONTROL UNIT : Special Repair Requirement

INFOID:0000000006219960

WORK PROCEDURE WHEN REPLACING CONTROL UNIT

1.PERFORM ZERO POINT RESET

Perform zero point reset. Refer to [SRC-39, "ZERO POINT RESET : Special Repair Requirement"](#).

>> END

ZERO POINT RESET

ZERO POINT RESET : Description

INFOID:0000000006219961

Zero point reset is an initializing procedure for occupant detection sensor that must be performed when replacing or removing and installing passenger seat.

If zero point reset is not performed, the initialization is incomplete and Occupant Detection System does not operate normally.

NOTE:

- When replacing passenger seat with a NISSAN genuine part, air bag warning lamp blinks if zero point reset is incomplete.
- When zero point reset is performed once after removal and installation of passenger seat, CONSULT-III displays "complete" and air bag warning does not blink.
- When reinstalling passenger seat after removal, the initial value for occupant detection sensor changes, and Occupant Detection System does not operate normally.
- Always perform zero point reset after performing the work as per the following.
 - Reinstallation of passenger seat
 - Replacement of passenger seat with a seat that is zero point reset complete.

ZERO POINT RESET : Special Repair Requirement

INFOID:0000000006219962

1.PERFORM ZERO POINT RESET

1. Perform zero point reset.

NOTE:

When performing zero point reset, be careful of the items described as per the following.

- Perform zero point reset after installing passenger seat to the vehicle
 - Do not put any objects on passenger seat
 - Do not apply excessive vibration to the vehicle
 - Do not touch the vehicle
 - Do not tilt the vehicle
2. Select start on "Zero point reset function" screen from, WORK SUPPORT of CONSULT-III "OCCUPANT DETECTION".
 3. "Zero point reset" starts.

>> GO TO 2.

2.CONFIRMATION OF SETTING

1. Proceed to "Zero point reset function" screen from work support of CONSULT-III "OCCUPANT DETECTION".
2. Check that "Complete" or "Incomplete" is displayed on "Zero point reset status".

CAUTION:

INSPECTION AND ADJUSTMENT

< BASIC INSPECTION >

- **“Complete”** is displayed on **“zero point reset current status”** if the seat is reinstalled by seat removal and installation, or **“zero point reset”** is already performed.
- **“Zero point reset current status”** displays **“Incomplete”** if a new seat is installed. When turning key switch ON without performing zero point reset, air bag warning lamp blinks. When zero point reset is performed, air bag warning lamp turns OFF.
- **Air bag warning lamp blinks in user mode only.**
- **Air bag sensor unit does not record whether or not zero point reset is performed.**

Is condition “ALREADY PERFORMED”?

YES >> Print out **“ZERO POINT RESET CURRENT STATUS”** screen, and inspection end.

NO >> Check condition as per the following, and perform zero point reset again.

- Passenger seat is occupied by an object.
- Excessive vibration is applied while performing zero point reset.
- Occupant detection system is malfunctioning.

NOTE:

If **“Incomplete”** is displayed on **“zero point reset current status”**, zero point reset is not completed normally. Check the condition as per the following and perform zero point reset again.

- Passenger seat is occupied by an object.
- Excessive vibration is applied while performing zero point reset.
- Occupant detection system is malfunctioning.

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

< DTC/CIRCUIT DIAGNOSIS >

DTC/CIRCUIT DIAGNOSIS

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

DTC Logic

INFOID:0000000006219963

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

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-14, "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-41, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000006219964

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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-41, "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:000000006219965

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

① With CONSULT-III

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

② Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-14, "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:000000006219966

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-26, "Removal and Installation"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-42, "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:000000006219967

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

① With CONSULT-III

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

② Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-14, "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-43, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006219968

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-26, "Removal and Installation"](#)
2. Perform DTC confirmation procedure. Refer to [SRC-43, "DTC Logic"](#)

Is DTC detected?

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

B1017, B1020, B1021 OCCUPANT SENS C/U

< DTC/CIRCUIT DIAGNOSIS >

B1017, B1020, B1021 OCCUPANT SENS C/U

Description

INFOID:000000006219969

Suppresses the deployment of front passenger air bag when the condition of passenger seat is empty or occupied with a child and child-seat. Also illuminates front passenger air bag OFF indicator lamp when the condition of passenger seat is occupied with a child-seat and child. In case of malfunction the blinking of the air bag warning lamp reports the malfunction to driver, and by the on board self-diagnosis system or CONSULT-III can detect the cause.

OPERATION

This unit classifies occupant in passenger seat and detects electrical malfunctions in Occupant Detection System, and transmits malfunction information to air bag control unit.

STRUCTURE

It is integrated into the seat sensor mat and detects the occupants with Occupant Detection System control unit that classifies the occupants.

INSTALLATION

Occupant Detection System control unit is installed in the passenger seat cushion.

DTC Logic

INFOID:000000006219970

DTC DETECTION LOGIC

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1017 B1020 B1021	OCCUPANT SENS C/U [UNIT FAIL]	Trouble occurs in Occupant Detection System control unit	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in Occupant Detection System control unit• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

① With CONSULT-III

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

② Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-14. "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-44. "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006219971

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.

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.

B1017, B1020, B1021 OCCUPANT SENS C/U

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE OCCUPANT DETECTION SYSTEM CONTROL UNIT

1. Replace occupant detection system control unit. Refer to [SR-30, "Removal and Installation"](#).

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

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

4.REPLACE OCCUPANT DETECTION SYSTEM SEAT SENSOR

1. Replace seat cushion frame. Refer to [SE-105, "Exploded View"](#).

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

Is DTC detected?

YES >> GO TO 5.

NO >> INSPECTION END

5.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "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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B1018 OCCUPANT SENS

< DTC/CIRCUIT DIAGNOSIS >

B1018 OCCUPANT SENS

Description

INFOID:000000006219972

Suppresses the deployment of front passenger air bag when the condition of passenger seat is empty or occupied with a child and child-seat. Also illuminates front passenger air bag OFF indicator lamp when the condition of passenger seat is occupied with a child-seat and child. In case of malfunction the blinking of the air bag warning lamp reports the malfunction to driver, and by the on board self-diagnosis system or CONSULT-III can detect the cause.

OPERATION

The unit classifies occupant in passenger seat and transmits it to Occupant Detection System control unit.

STRUCTURE

Multiple sensors are installed in the sensor mat to prevent incorrect sensing induced by the sitting position.

INSTALLATION

Occupant Detection System sensor is installed in the passenger seat cushion.

DTC Logic

INFOID:000000006219973

DTC DETECTION LOGIC

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1018	OCCUPANT SENS [UNIT FAIL]	Malfunction occurs in Occupant Detection System sensor	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in Occupant Detection System sensor• Malfunction in Occupant Detection System control unit• 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 "AIR BAG" Self Diagnostic Result CONSULT-III.

⊗ Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-14, "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-46, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006219974

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.

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.

B1018 OCCUPANT SENS

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE OCCUPANT DETECTION SYSTEM CONTROL UNIT

1. Replace occupant detection system control unit. Refer to [SR-30, "Removal and Installation"](#).

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

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

4.REPLACE OCCUPANT DETECTION SYSTEM SEAT SENSOR

1. Replace seat cushion frame. Refer to [SE-105, "Exploded View"](#).

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

Is DTC detected?

YES >> GO TO 5.

NO >> INSPECTION END

5.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).

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

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1022 OCCUPANT SENS C/U

< DTC/CIRCUIT DIAGNOSIS >

B1022 OCCUPANT SENS C/U

Description

INFOID:000000006219975

Suppresses the deployment of front passenger air bag when the condition of passenger seat is empty or occupied with a child and child-seat. Also illuminates front passenger air bag OFF indicator lamp when the condition of passenger seat is occupied with a child-seat and child. In case of malfunction the blinking of the air bag warning lamp reports the malfunction to driver, and by the on board self-diagnosis system or CONSULT-III can detect the cause.

OPERATION

This unit classifies occupant in passenger seat and detects electrical malfunction in Occupant Detection System and transmits malfunction information to air bag control unit.

STRUCTURE

It is integrated into the seat sensor mat and detects the occupants and Occupant Detection System control unit that classifies the occupants.

INSTALLATION

Occupant Detection System control unit is installed in the passenger seat cushion.

DTC Logic

INFOID:000000006219976

DTC DETECTION LOGIC

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1022	OCCUPANT SENS C/U [COMM FAIL]	Malfunction occurs in Occupant Detection System control unit, circuit of Occupant Detection System control unit-Air bag diagnosis sensor unit or Air bag diagnosis sensor unit	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in Occupant Detection System control unit• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

① With CONSULT-III

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

② Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-14, "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-48, "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006219977

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.

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.

B1022 OCCUPANT SENS C/U

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE OCCUPANT DETECTION SYSTEM CONTROL UNIT

1. Replace occupant detection system control unit. Refer to [SR-30, "Removal and Installation"](#).

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

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

4.REPLACE OCCUPANT DETECTION SYSTEM SEAT SENSOR

1. Replace seat cushion frame. Refer to [SE-105, "Exploded View"](#).

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

Is DTC detected?

YES >> GO TO 5.

NO >> INSPECTION END

5.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "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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B1023 PASS A/B INDCTR CKT

< DTC/CIRCUIT DIAGNOSIS >

B1023 PASS A/B INDCTR CKT

Description

INFOID:000000006219978

Suppresses the deployment of front passenger air bag when the condition of passenger seat is empty or occupied with a child and child-seat. Also illuminates front passenger air bag OFF indicator lamp when the condition of passenger seat is occupied with a child-seat and child. In case of malfunction the blinking of the air bag warning lamp reports the malfunction to driver, and by the on board self-diagnosis system or CONSULT-III can detect the cause.

OPERATION

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

STRUCTURE

Front passenger air bag OFF indicator with LED illumination.

INSTALLATION

Front passenger air bag OFF indicator is installed at the instrument panel center.

DTC Logic

INFOID:000000006219979

DTC DETECTION LOGIC

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1023	PASS A/B INDCTR CKT [UNIT FAIL]	Passenger air bag OFF indicator circuit is open or shorted to ground or the circuits are shorted each other	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in front passenger air bag OFF indicator• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

① With CONSULT-III

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

② Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-14, "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-50, "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006219980

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.

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.

B1023 PASS A/B INDCTR CKT

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK PASSENGER AIR BAG OFF INDICATOR

1. Replace front passenger air bag OFF indicator.

2. Perform DTC confirmation procedure. Refer to [SRC-50, "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-26, "Removal and Installation"](#).

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

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1025, B1032, B1048 OCS SENSOR

< DTC/CIRCUIT DIAGNOSIS >

B1025, B1032, B1048 OCS SENSOR

Description

INFOID:000000006219981

Suppresses the deployment of front passenger air bag when the condition of passenger seat is empty or occupied with a child and child-seat. Also illuminates front passenger air bag OFF indicator lamp when the condition of passenger seat is occupied with a child-seat and child. In case of malfunction the blinking of the air bag warning lamp reports the malfunction to driver, and by the on board self-diagnosis system or CONSULT-III can detect the cause.

OPERATION

This unit classifies occupant in passenger seat and detects electrical malfunction in Occupant Detection System and transmits malfunction information to air bag control unit.

STRUCTURE

It is integrated into the seat sensor mat and detects the occupants and Occupant Detection System control unit that classifies the occupants.

INSTALLATION

Occupant Detection System control unit is installed in the passenger seat cushion.

DTC Logic

INFOID:000000006219982

DTC DETECTION LOGIC

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1025 B1032 B1048	OCS SENSOR	Malfunction occurs in Occupant Detection System control unit, circuit of Occupant Detection System control unit-Air bag diagnosis sensor unit or Air bag diagnosis sensor unit	<ul style="list-style-type: none">• Disconnection of wiring harness• Internal breakdown in Occupant Detection System control unit• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

① With CONSULT-III

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

② Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-14, "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-52, "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006219983

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.

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.

B1025, B1032, B1048 OCS SENSOR

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE OCCUPANT DETECTION SYSTEM CONTROL UNIT

1. Replace occupant detection system control unit. Refer to [SR-30, "Removal and Installation"](#).

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

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

4.REPLACE OCCUPANT DETECTION SYSTEM SEAT SENSOR

1. Replace seat cushion frame. Refer to [SE-105, "Exploded View"](#).

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

Is DTC detected?

YES >> GO TO 5.

NO >> INSPECTION END

5.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-52, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000006219984

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

① With CONSULT-III

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

② Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-14, "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-54, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006219985

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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-54, "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:000000006219986

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">Disconnection of wiring harnessMalfunction 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-14, "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:000000006219987

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-22, "Removal and Installation"](#).
- 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

- Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-55, "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:000000006219988

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">• Disconnection of wiring harness• Malfunction in crash zone sensor• 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.

⊗ Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-14, "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-57, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006219989

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-22, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-57, "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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-57, "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:000000006219990

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-14, "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:000000006219991

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. REPLACE CRASH ZONE SENSOR

1. Replace crash zone sensor. Refer to [SR-22, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-59, "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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-59, "DTC Logic"](#).

Is DTC detected?

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

B1037, B1039, B1041 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

B1037, B1039, B1041 CRASH ZONE SENSOR

DTC Logic

INFOID:000000006219992

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">• Disconnection of wiring harness• Malfunction in crash zone sensor• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓟ With CONSULT-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-14, "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-60, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006219993

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-22, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-60, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-60, "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:000000006219994

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

① With CONSULT-III

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

② Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-14, "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-62, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006219995

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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-62, "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:000000006219996

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

① With CONSULT-III

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

② Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-14, "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:000000006219997

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			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-26, "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

B1050, B1055 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

B1050, B1055 DRIVER AIR BAG MODULE

DTC Logic

INFOID:000000006219998

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-14, "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:000000006219999

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-65, "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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-65, "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-65, "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:000000006220000

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

① With CONSULT-III

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

② Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-14, "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:000000006220001

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			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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-67, "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-67, "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:000000006220002

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

① With CONSULT-III

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

② Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-14, "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-69, "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220003

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-26, "Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-69, "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-69, "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:000000006220004

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-14, "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-71, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220005

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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-71, "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:000000006220006

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">• Disconnection of wiring harness and open• Malfunction in passenger air bag module• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓟ With CONSULT-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-14, "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:000000006220007

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "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-11, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-72, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1065, B1070 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

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:000000006220008

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">• Disconnection of wiring harness and short• Malfunction in passenger air bag module• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

④ 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-14, "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:000000006220009

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "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-11, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-74, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1066, B1071 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

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:000000006220010

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">• Disconnection of wiring harness and short• Malfunction in passenger air bag module• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

④ 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-14, "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:000000006220011

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-76, "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-76, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1067, B1072 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

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:000000006220012

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">• Disconnection of wiring harness and short• Malfunction in passenger air bag module• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓟ With CONSULT-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-14, "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-78, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220013

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-78, "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-78, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1068, B1073 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

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:000000006220014

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

① With CONSULT-III

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

① Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-14, "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-80, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220015

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-80, "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:000000006220016

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-14, "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:000000006220017

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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	
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-26, "Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-81, "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-81, "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:000000006220018

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">• Disconnection of wiring harness and open• Malfunction in seat belt pre-tensioner RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

 With CONSULT-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-14, "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:000000006220019

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SR-28, "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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-83, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1081 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1082 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

B1082 SEAT BELT PRE-TENSIONER RH

DTC Logic

INFOID:000000006220020

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">Disconnection of wiring harness and shortMalfunction in seat belt pre-tensioner 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-14, "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:000000006220021

WARNING:

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

- Replace seat belt pre-tensioner RH. Refer to [SR-28, "Removal and Installation"](#).
- 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

- Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-85, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1082 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1083 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

B1083 SEAT BELT PRE-TENSIONER RH

DTC Logic

INFOID:000000006220022

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">• Disconnection of wiring harness and short• Malfunction in seat belt pre-tensioner RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

☐ With CONSULT-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-14, "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:000000006220023

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SR-28, "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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-87, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1083 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1084 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

B1084 SEAT BELT PRE-TENSIONER RH

DTC Logic

INFOID:000000006220024

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">• Disconnection of wiring harness and short• Malfunction in seat belt pre-tensioner RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

 With CONSULT-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-14, "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:000000006220025

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SR-28, "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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-89, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1084 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1086 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1086 SEAT BELT PRE-TENSIONER LH

DTC Logic

INFOID:000000006220026

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">Disconnection of wiring harness and openMalfunction in seat belt pre-tensioner LHMalfunction 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-14, "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:000000006220027

WARNING:

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

- Replace seat belt pre-tensioner LH. Refer to [SR-28, "Removal and Installation"](#).
- 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

- Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-91, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1086 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1087 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1087 SEAT BELT PRE-TENSIONER LH

DTC Logic

INFOID:000000006220028

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">Disconnection of wiring harness and shortMalfunction in seat belt pre-tensioner LHMalfunction 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-14, "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:000000006220029

WARNING:

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

- Replace seat belt pre-tensioner LH. Refer to [SR-28, "Removal and Installation"](#).
- 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

- Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-93, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1087 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1088 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1088 SEAT BELT PRE-TENSIONER LH

DTC Logic

INFOID:000000006220030

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">• Disconnection of wiring harness and short• Malfunction in seat belt pre-tensioner LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

 With CONSULT-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-14, "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:000000006220031

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SR-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-95, "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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-95, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1088 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1089 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1089 SEAT BELT PRE-TENSIONER LH

DTC Logic

INFOID:000000006220032

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">• Disconnection of wiring harness and short• Malfunction in seat belt pre-tensioner LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

 With CONSULT-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-14, "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:000000006220033

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SR-28, "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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-97, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1089 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

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:000000006220034

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-14, "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:000000006220035

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-99, "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:000000006220036

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

① With CONSULT-III

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

② Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-14, "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-100, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220037

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-100, "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:000000006220038

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1113 B1114	SATELLITE SENS RH [UNIT FAIL]	Front satellite sensor RH is malfunctioning	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in front 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-14, "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:000000006220039

WARNING:

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

1. Replace front satellite sensor RH. Refer to [SR-24, "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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-101, "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:000000006220040

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1115	SATELLITE SENS RH [COMM FAIL]	Front satellite sensor RH is malfunctioning or out of the specified specification	<ul style="list-style-type: none">Disconnection of wiring harnessMalfunction in front satellite sensor 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-14, "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-103, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220041

WARNING:

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

- Replace front satellite sensor RH. Refer to [SR-24, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-103, "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-26, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-103, "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:000000006220042

DTC DETECTION LOGIC


DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1116	SATELLITE SENS RH [UNMATCH]	Front satellite sensor RH is out of the specified specification	Diagnosis sensor unit or front 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-14, "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-105, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220043

WARNING:

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

1. Replace front satellite sensor RH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-105, "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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-105, "DTC Logic"](#).

Is DTC detected?

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

B1118, B1119 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

B1118, B1119 SATELLITE SENSOR LH

DTC Logic

INFOID:000000006220044

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1118 B1119	SATELLITE SENS LH [UNIT FAIL]	Front satellite sensor LH is malfunctioning	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in front 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-14, "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:000000006220045

WARNING:

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

1. Replace front satellite sensor LH. Refer to [SR-24, "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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-106, "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:000000006220046

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1120	SATELLITE SENS LH [COMM FAIL]	Front satellite sensor LH is malfunctioning or out of the specified specification	<ul style="list-style-type: none">Disconnection of wiring harnessMalfunction in front satellite sensor LHMalfunction 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-14, "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:000000006220047

WARNING:

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

- Replace front satellite sensor LH. Refer to [SR-24, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-108, "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-26, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-108, "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:000000006220048

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1121	SATELLITE SENS LH [UNMATCH]	Front satellite sensor LH is out of the specified specification	Diagnosis front 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-14, "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:000000006220049

WARNING:

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

1. Replace front satellite sensor LH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-110, "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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-110, "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:000000006220050

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-14, "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-111, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220051

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-111, "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:000000006220052

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">• Disconnection of wiring harness and open• Malfunction in side air bag module RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓐ With CONSULT-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-14, "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:000000006220053

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "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-114, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-112, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1129 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

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:000000006220054

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">• Disconnection of wiring harness and short• Malfunction in side air bag module RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓜ With CONSULT-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-14, "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:000000006220055

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "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-114, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-114, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1130 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

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:000000006220056

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">• Disconnection of wiring harness and short• Malfunction in side air bag module RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓟ With CONSULT-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-14, "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:000000006220057

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "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 RH. Refer to [SE-114, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-116, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1131 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

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:000000006220058

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">• Disconnection of wiring harness and short• Malfunction in side air bag module RH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓐ With CONSULT-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-14, "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:000000006220059

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "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 RH. Refer to [SE-114, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-118, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1132 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

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:000000006220060

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">Disconnection of wiring harness and openMalfunction in side air bag module LHMalfunction 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-14, "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:000000006220061

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

- Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
- 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

- Replace side air bag module LH. Refer to [SE-114, "SEATBACK : Disassembly and Assembly"](#).
- Perform DTC confirmation procedure. Refer to [SRC-120, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1134 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

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:000000006220062

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">• Disconnection of wiring harness and short• Malfunction in side air bag module LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓟ With CONSULT-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-14, "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:000000006220063

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "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-114, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-122, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1135 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

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:000000006220064

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">• Disconnection of wiring harness and short• Malfunction in side air bag module LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓜ With CONSULT-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-14, "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:000000006220065

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-124, "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-114, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-124, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1136 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

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:000000006220066

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">• Disconnection of wiring harness and short• Malfunction in side air bag module LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

④ 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-14, "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:000000006220067

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "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 SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to [SE-114, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-126, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1137 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

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:000000006220068

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-14, "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:000000006220069

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-128, "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:000000006220070

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-14, "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-129, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220071

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-129, "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:000000006220072

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1145	CURTAIN MODULE RH [OPEN]	Rear curtain air bag module RH circuit is open	<ul style="list-style-type: none">• Disconnection of wiring harness and open• Malfunction in rear 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-14, "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:000000006220073

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "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 REAR CURTAIN AIR BAG MODULE

1. Replace rear 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?

- YES >> GO TO 1.

B1145 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

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:000000006220074

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1146	CURTAIN MODULE RH [VB-SHORT]	Rear curtain air bag module RH circuit is shorted to power supply circuit	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in rear 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-14, "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:000000006220075

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "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 REAR CURTAIN AIR BAG MODULE

1. Replace rear 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?

- YES >> GO TO 1.

B1146 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

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:000000006220076

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1147	CURTAIN MODULE RH [GND-SHORT]	Rear curtain air bag module RH circuit is shorted to ground	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in rear 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-14, "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:000000006220077

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "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 REAR CURTAIN AIR BAG MODULE

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

Is DTC detected?

- YES >> GO TO 1.

B1147 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

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:000000006220078

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1148	CURTAIN MODULE RH [SHORT]	Rear curtain air bag module RH circuits are shorted to each other	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in rear 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-14, "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:000000006220079

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "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 REAR CURTAIN AIR BAG MODULE

1. Replace rear curtain air bag module RH. Refer to [SR-19, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-136, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1148 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

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:000000006220080

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1150	CURTAIN MODULE LH [OPEN]	Rear curtain air bag module LH circuit is open	<ul style="list-style-type: none">• Disconnection of wiring harness and open• Malfunction in rear 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-14, "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:000000006220081

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "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 REAR CURTAIN AIR BAG MODULE

1. Replace rear 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?

- YES >> GO TO 1.

B1150 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

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:000000006220082

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1151	CURTAIN MODULE LH [VB-SHORT]	Rear curtain air bag module LH circuit is shorted to power supply circuit	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in rear 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-14, "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:000000006220083

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "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 REAR CURTAIN AIR BAG MODULE

1. Replace rear 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?

- YES >> GO TO 1.

B1151 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

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:000000006220084

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1152	CURTAIN MODULE LH [GND-SHORT]	Rear curtain air bag module LH circuit is shorted to ground	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in rear 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-14, "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:000000006220085

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-142, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE REAR CURTAIN AIR BAG MODULE

1. Replace rear curtain air bag module LH. Refer to [SR-19, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-142, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1152 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

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:000000006220086

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1153	CURTAIN MODULE LH [SHORT]	Rear curtain air bag module LH circuits are shorted to each other	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in rear 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-14, "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-144, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220087

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "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 REAR CURTAIN AIR BAG MODULE

1. Replace rear curtain air bag module LH. Refer to [SR-19, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-144, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1153 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

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:000000006220088

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-14. "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-146. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220089

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26. "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-146. "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:000000006220090

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-14, "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-147, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220091

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-147, "DTC Logic"](#).

Is DTC detected?

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

B1177 LAP PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

B1177 LAP PRE-TENSIONER RH

DTC Logic

INFOID:000000006220092

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 (Lap 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

① With CONSULT-III

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

② Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-14. "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-148. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220093

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-148. "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-26. "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-148. "DTC Logic"](#).

Is DTC detected?

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

B1178 LAP PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

B1178 LAP PRE-TENSIONER RH

DTC Logic

INFOID:000000006220094


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 (Lap 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-14. "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-149. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220095

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-149. "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-26. "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-149. "DTC Logic"](#).

Is DTC detected?

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

B1179 LAP PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

B1179 LAP PRE-TENSIONER RH

DTC Logic

INFOID:000000006220096

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 (Lap 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

④ 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-14. "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-150. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220097

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-150. "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-26. "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-150. "DTC Logic"](#).

Is DTC detected?

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

B1180 LAP PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

B1180 LAP PRE-TENSIONER RH

DTC Logic

INFOID:000000006220098

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 (Lap 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

④ 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-14, "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-151, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220099

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-151, "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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-151, "DTC Logic"](#).

Is DTC detected?

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

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SRC

B1182 LAP PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1182 LAP PRE-TENSIONER LH

DTC Logic

INFOID:000000006220100

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 (Lap 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

① With CONSULT-III

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

② Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-14. "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-148. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220101

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-148. "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-26. "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-148. "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:000000006220102


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 (Lap 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-14. "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-149. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220103

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-149. "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-26. "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-149. "DTC Logic"](#).

Is DTC detected?

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

B1184 LAP PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1184 LAP PRE-TENSIONER LH

DTC Logic

INFOID:000000006220104

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 (Lap 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

④ 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-14. "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-150. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220105

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-150. "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-26. "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-150. "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:000000006220106

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 (Lap 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

④ 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-14, "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-151, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220107

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-151, "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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-151, "DTC Logic"](#).

Is DTC detected?

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

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000006220108

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-14, "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:000000006220109

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-156, "DTC Logic"](#).

Is DTC detected?

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

B1193 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1193 CURTAIN AIR BAG MODULE RH

DTC Logic

INFOID:000000006220110

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1193	CURTAIN MODULE RH [OPEN]	Front curtain air bag module RH circuit is open	<ul style="list-style-type: none">• Disconnection of wiring harness and open• Malfunction in front 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-14, "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-157, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220111

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-157, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE FRONT CURTAIN AIR BAG MODULE

1. Replace front curtain air bag module RH. Refer to [SR-19, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-157, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1193 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1194 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1194 CURTAIN AIR BAG MODULE RH

DTC Logic

INFOID:0000000006220112

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1194	CURTAIN MODULE RH [VB-SHORT]	Frount curtain air bag module RH circuit is shorted to power supply circuit	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in frount 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-14, "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:0000000006220113

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "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 FRONT CURTAIN AIR BAG MODULE

1. Replace front curtain air bag module RH. Refer to [SR-19, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-159, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1194 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1195 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1195 CURTAIN AIR BAG MODULE RH

DTC Logic

INFOID:000000006220114

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1195	CURTAIN MODULE RH [GND-SHORT]	Front curtain air bag module RH circuit is shorted to ground	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in front curtain air bag module RH• 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.

⊗ Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-14, "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:000000006220115

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "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 FRONT CURTAIN AIR BAG MODULE

1. Replace front curtain air bag module RH. Refer to [SR-19, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-161, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1195 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1196 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1196 CURTAIN AIR BAG MODULE RH

DTC Logic

INFOID:000000006220116

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1196	CURTAIN MODULE RH [SHORT]	Front curtain air bag module RH circuits are shorted to each other	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in front 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-14, "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:000000006220117

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-163, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE FRONT CURTAIN AIR BAG MODULE

1. Replace front curtain air bag module RH. Refer to [SR-19, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-163, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1196 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1198 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1198 CURTAIN AIR BAG MODULE LH

DTC Logic

INFOID:000000006220118

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1198	CURTAIN MODULE LH [OPEN]	Front curtain air bag module LH circuit is open	<ul style="list-style-type: none">• Disconnection of wiring harness and open• Malfunction in front 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-14, "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-165, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220119

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-165, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE FRONT CURTAIN AIR BAG MODULE

1. Replace front curtain air bag module LH. Refer to [SR-19, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-165, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1198 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1199 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1199 CURTAIN AIR BAG MODULE LH

DTC Logic

INFOID:000000006220120

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1199	CURTAIN MODULE LH [VB-SHORT]	Front curtain air bag module LH circuit is shorted to power supply circuit	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in front curtain air bag module LH• 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.

⊗ Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-14, "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-167, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220121

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-167, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE FRONT CURTAIN AIR BAG MODULE

1. Replace front curtain air bag module LH. Refer to [SR-19, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-167, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1199 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1200 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1200 CURTAIN AIR BAG MODULE LH

DTC Logic

INFOID:000000006220122

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1200	CURTAIN MODULE LH [GND-SHORT]	Front curtain air bag module LH circuit is shorted to ground	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in front 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-14, "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:000000006220123

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "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 FRONT CURTAIN AIR BAG MODULE

1. Replace front curtain air bag module LH. Refer to [SR-19, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-169, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1200 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1201 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1201 CURTAIN AIR BAG MODULE LH

DTC Logic

INFOID:000000006220124

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1201	CURTAIN MODULE LH [SHORT]	Front curtain air bag module LH circuits are shorted to each other	<ul style="list-style-type: none">• Disconnection of wiring harness and short• Malfunction in front 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-14, "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-171, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220125

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-171, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE FRONT CURTAIN AIR BAG MODULE

1. Replace front curtain air bag module LH. Refer to [SR-19, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-171, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1201 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

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:0000000006220126

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-14, "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-173, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000006220127

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-173, "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:000000006220128

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:000000006220129

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

① With CONSULT-III

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

② Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-14, "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-174, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220130

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-22, "DTC Index"](#).

B1210 SIDE COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

B1210 SIDE COLLISION DETECTION

Description

INFOID:000000006220131

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:000000006220132

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

④ With CONSULT-III

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

⑤ Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-14, "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-175, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220133

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-22, "DTC Index"](#).

B1211 ROLLOVER DETECTION

< DTC/CIRCUIT DIAGNOSIS >

B1211 ROLLOVER DETECTION

Description

INFOID:000000006220134

The seat belt pre-tensioner, door-mounted curtain air bag and pop-up roll bar are activated by the air bag diagnosis sensor unit signal at the time of rollover.

DTC Logic

INFOID:000000006220135

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1211	ROLLOVER DETECTION	Seat belt pre-tensioner and curtain air bag module are deployed because of rollover detection	—

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓐ With CONSULT-III

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

Ⓑ Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-14. "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-176. "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220136

WARNING:

- Before servicing, turn ignition switch OFF, disconnect 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-22. "DTC Index"](#).

B1212, B1213, B1214 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

B1212, B1213, B1214 SATELLITE SENSOR RH

DTC Logic

INFOID:000000006220137

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1212 B1213 B1214	RH1 SAT-SENS	Front satellite sensor RH is malfunctioning	<ul style="list-style-type: none">Disconnection of wiring harnessMalfunction in front satellite sensor 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-14, "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-177, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220138

WARNING:

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

- Replace front satellite sensor RH. Refer to [SR-24, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-177, "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-26, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-177, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1212, B1213, B1214 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1215, B1216, B1217 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

B1215, B1216, B1217 SATELLITE SENSOR LH

DTC Logic

INFOID:000000006220139

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1215 B1216 B1217	LH1 SAT-SENS	Front satellite sensor LH is malfunctioning	<ul style="list-style-type: none">Disconnection of wiring harnessMalfunction in front satellite sensor LHMalfunction 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-14, "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-179, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220140

WARNING:

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

- Replace front satellite sensor LH. Refer to [SR-24, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-179, "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-26, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-179, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1215, B1216, B1217 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000006220141

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-14, "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-181, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220142

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-181, "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:000000006220143

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
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

① With CONSULT-III

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

② Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-14, "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-182, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220144

WARNING:

- Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-182, "DTC Logic"](#).

Is DTC detected?

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

B1304 SATELLITE SEN RH

< DTC/CIRCUIT DIAGNOSIS >

B1304 SATELLITE SEN RH

DTC Logic

INFOID:000000006220145

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1304	SATELLITE SENS RH [UNIT FAIL]	Rear satellite sensor RH is malfunctioning	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in rear 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-14, "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-183, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220146

WARNING:

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

1. Replace rear satellite sensor RH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-183, "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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-183, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1304 SATELLITE SEN RH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1306, B1308, B1309, B1310 SATELLITE SEN RH

< DTC/CIRCUIT DIAGNOSIS >

B1306, B1308, B1309, B1310 SATELLITE SEN RH

DTC Logic

INFOID:000000006220147

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1306 B1308 B1309 B1310	SATELLITE SENS RH [COMM FAIL]	Rear satellite sensor RH is malfunctioning or out of the specified specification	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in rear 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-14, "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-185, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220148

WARNING:

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

1. Replace rear satellite sensor RH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-185, "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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-185, "DTC Logic"](#).

Is DTC detected?

B1306, B1308, B1309, B1310 SATELLITE SEN RH

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

B1307 SATELLITE SEN RH

< DTC/CIRCUIT DIAGNOSIS >

B1307 SATELLITE SEN RH

DTC Logic

INFOID:000000006220149

DTC DETECTION LOGIC


DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1307	SATELLITE SENS RH [UNMATCH]	Rear satellite sensor RH is out of the specified specification	Diagnosis sensor unit or rear 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-14, "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-187, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220150

WARNING:

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

1. Replace rear satellite sensor RH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-187, "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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-187, "DTC Logic"](#).

Is DTC detected?

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

B1311 SATELLITE SEN LH

< DTC/CIRCUIT DIAGNOSIS >

B1311 SATELLITE SEN LH

DTC Logic

INFOID:000000006220151

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1311	SATELLITE SENS LH [UNIT FAIL]	Rear satellite sensor LH is malfunctioning	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in rear 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-14, "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-188, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220152

WARNING:

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

1. Replace rear satellite sensor LH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-188, "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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-188, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1311 SATELLITE SEN LH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

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B1313, B1315, B1316, B1317 SATELLITE SEN LH

< DTC/CIRCUIT DIAGNOSIS >

B1313, B1315, B1316, B1317 SATELLITE SEN LH

DTC Logic

INFOID:000000006220153

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1313 B1315 B1316 B1317	SATELLITE SENS LH [COMM FAIL]	Rear satellite sensor LH is malfunctioning or out of the specified specification	<ul style="list-style-type: none">• Disconnection of wiring harness• Malfunction in rear satellite sensor LH• Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

① With CONSULT-III

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

② Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-14, "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-190, "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220154

WARNING:

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

1. Replace rear satellite sensor LH. Refer to [SR-24, "Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-190, "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-26, "Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-190, "DTC Logic"](#).

Is DTC detected?

B1313, B1315, B1316, B1317 SATELLITE SEN LH

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

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B1314 SATELLITE SEN LH

< DTC/CIRCUIT DIAGNOSIS >

B1314 SATELLITE SEN LH

DTC Logic

INFOID:000000006220155

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1314	SATELLITE SENS LH [UNMATCH]	Rear satellite sensor LH is out of the specified specification	Diagnosis sensor unit or rear satellite sensor LH is different from the part specified

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.

⊗ Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-14, "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-192, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006220156

WARNING:

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

1. Replace rear satellite sensor LH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-192, "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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-192, "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:000000006220157

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-26, "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-85, "Removal and Installation"](#).

2. Check air bag warning lamp operation.

Is the inspection result normal?

YES >> INSPECTION END

NO >> GO TO 1.

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SRS AIR BAG WARNING LAMP DOES NOT TURN ON

< SYMPTOM DIAGNOSIS >

SRS AIR BAG WARNING LAMP DOES NOT TURN ON

Diagnosis Procedure

INFOID:000000006220158

1.CHECK COMBINATION METER POWER SUPPLY AND GROUND CIRCUIT

Check combination meter unit power supply and ground circuit. Refer to [MWI-64, "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-26, "Removal and Installation"](#).

NO >> Replace combination meter. Refer to [MWI-85, "Removal and Installation"](#).