

SECTION **SRC**

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:000000008930578

The Supplemental Restraint System such as "AIR BAG" and "SEAT BELT PRE-TENSIONER", used along with a front seat belt, helps to reduce the risk or severity of injury to the driver and front passenger for certain types of collision. Information necessary to service the system safely is included in the SR and SB section 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 which 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 SR section.
- 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 Airbag Diagnosis Sensor Unit or other Airbag 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.

Precaution for SRS "AIR BAG" and "SEAT BELT PRE-TENSIONER" Service

INFOID:000000008506600

- Do not use electrical test equipment to check SRS circuits unless instructed to in this Service Manual.
- Before servicing the SRS, turn ignition switch OFF, disconnect both battery cables and wait at least 3 minutes.
For approximately 3 minutes after the cables are removed, it is still possible for the air bag and seat belt pretensioner to deploy. Therefore, do not work on any SRS connectors or wires until at least 3 minutes have passed.
- The air bag diagnosis sensor unit must always be installed with the arrow mark "←" pointing toward the front of the vehicle for proper operation. Also check air bag 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. Do not attempt to turn steering wheel or 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.

COMPONENT PARTS

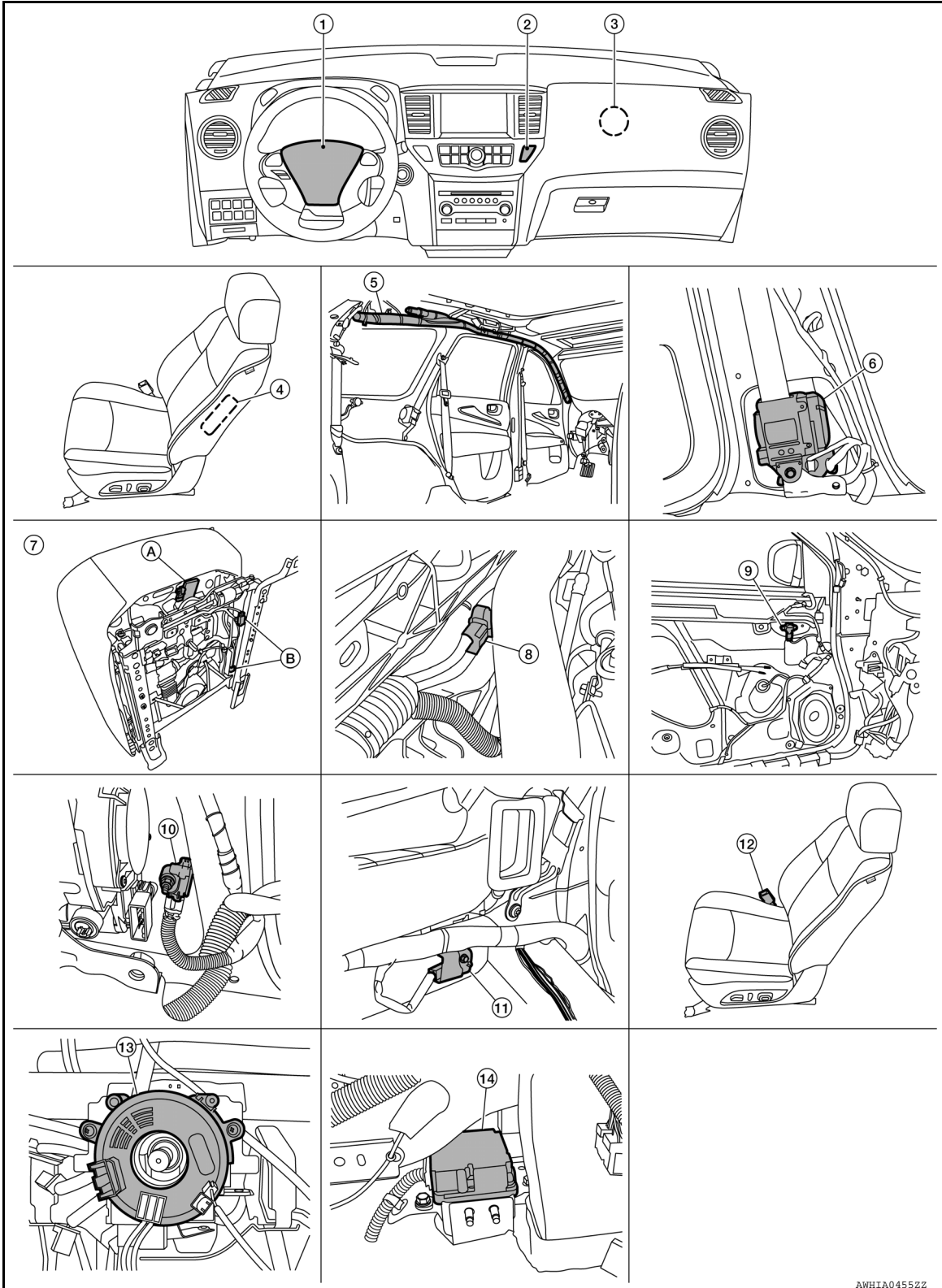
< SYSTEM DESCRIPTION >

SYSTEM DESCRIPTION

COMPONENT PARTS

Component Parts Location

INFOID:0000000008506601



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COMPONENT PARTS

< SYSTEM DESCRIPTION >

- | | | |
|--|---|--|
| 1. Driver air bag module | 2. Front passenger air bag off indicator | 3. Front passenger air bag module |
| 4. Front LH side air bag module (RH similar) | 5. LH side curtain air bag module (view with headliner removed) (RH similar) | 6. Front RH seatbelt pre-tensioner (view with lower center pillar cover RH removed) (LH similar) |
| 7. Occupant classification system control unit (A) (if equipped)
Occupant classification system sensors (B) (if equipped)
(view with front passenger seat removed) | 8. Crash zone sensor
(view with air intake removed) | 9. Front door satellite sensor LH
(view with front door finisher LH removed)
(RH similar) |
| 10. Front side air bag satellite sensor LH
(view with lower center pillar cover LH removed)
(RH similar) | 11. Rear side air bag satellite sensor LH
(view with luggage side lower finisher LH removed)
(RH similar) | 12. Seat belt buckle switch (driver seat)
(passenger seat similar) |
| 13. Spiral cable
(view with steering wheel removed) | 14. Air bag diagnosis sensor unit
(view with center console assembly removed) | |

Component Description

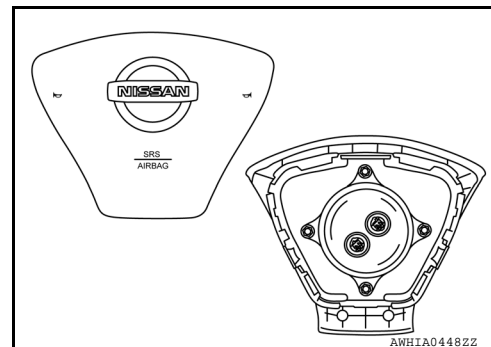
INFOID:000000008506602

Component	Function
Air bag diagnosis sensor unit	Refer to SRC-8, "Air Bag Diagnosis Sensor Unit" .
Driver air bag module	Refer to SRC-6, "Driver Air Bag Module" .
Front passenger air bag module	Refer to SRC-7, "Front Passenger Air Bag Module" .
Front side air bag module	Refer to SRC-7, "Front Side Air Bag Module" .
Side curtain air bag module	Refer to SRC-7, "Side Curtain Air Bag Module" .
Front seat belt pre-tensioner	Refer to SRC-7, "Front Seat Belt Pre-tensioner" .
Occupant classification system (if equipped)	Refer to SRC-12, "OCCUPANT CLASSIFICATION SYSTEM : System Description" .
Crash zone sensor	Refer to SRC-8, "Crash Zone Sensor" .
Front side air bag (satellite) sensor	Refer to SRC-8, "Front Side Air Bag Satellite Sensor" .
Rear side air bag (satellite) sensor	Refer to SRC-8, "Rear Side Air Bag Satellite Sensor" .
Front door (satellite) sensor	Refer to SRC-9, "Front Door Satellite Sensor" .
Seat belt buckle switch	The seat belt buckle switches (driver seat/passenger seat) provide the seat belt buckle signals to the air bag diagnosis sensor unit and the combination meter.
Spiral cable	The spiral cable provides a rotating physical connection to the driver air bag module.
Combination meter	The combination meter displays the air bag warning lamp and the seat belt warning lamp. The air bag warning lamp is used for diagnosis in User Mode and may be used to display diagnostic trouble codes without the use of the CONSULT.

Driver Air Bag Module

INFOID:000000008506603

The driver air bag module is dual stage and located in the steering wheel assembly. It operates with the SRS system in a frontal collision exceeding a specified level.



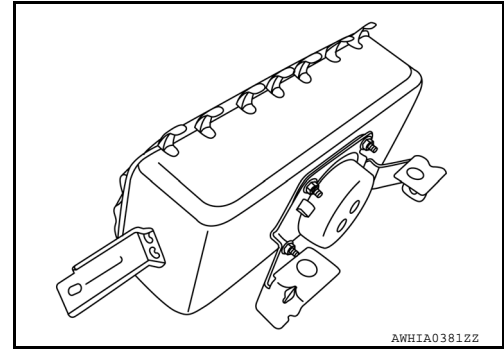
COMPONENT PARTS

< SYSTEM DESCRIPTION >

Front Passenger Air Bag Module

INFOID:000000008506604

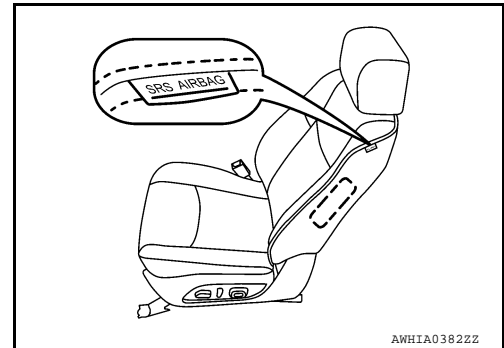
The front passenger air bag module is located behind the instrument panel assembly. It operates with the SRS system in a frontal collision exceeding a specified level. Refer to [SRC-11, "SRS AIR BAG SYSTEM: System Description"](#) for more information.



Front Side Air Bag Module

INFOID:000000008506605

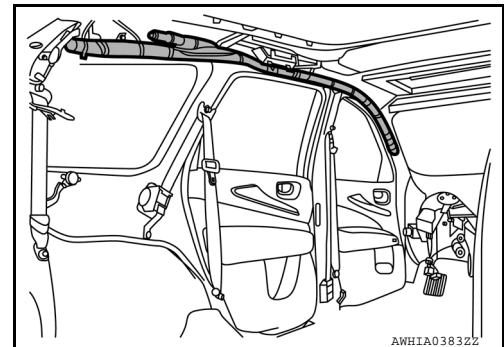
Front side air bag modules are built into the front seatback assemblies. Vehicles with side air bags are equipped with labels as shown.



Side Curtain Air Bag Module

INFOID:000000008506606

Side curtain air bag modules are located above the vehicle headlining. Vehicles with side curtain air bags are equipped with labels on the pillar upper finishers.



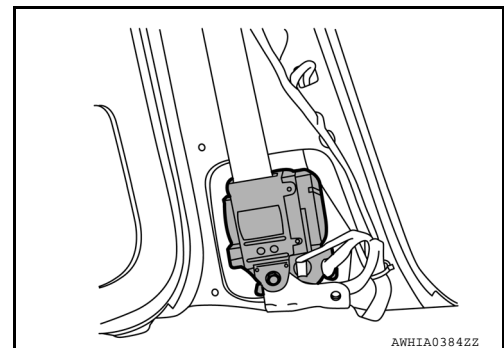
Front Seat Belt Pre-tensioner

INFOID:000000008506607

The seat belt pre-tensioner system with load limiter is installed for both the driver's seat and the front passenger's seat. It operates simultaneously with the SRS air bag system in the event of a frontal collision with an impact exceeding a specified level.

When the frontal collision with an impact exceeding a specified level occurs, seat belt slack resulting from clothing or other factors is immediately taken up by the pre-tensioner. Vehicle passengers are securely restrained.

When passengers in a vehicle are thrown forward in a collision and the restraining force of the seat belt exceeds a specified level, the load limiter permits the specified extension of the seat belt by the twisting of the ELR shaft, and a relaxation of the chest-area seat belt web tension while maintaining force.



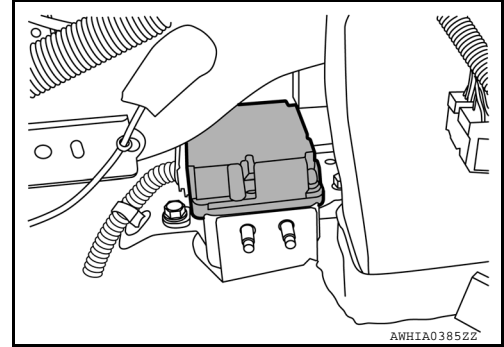
COMPONENT PARTS

< SYSTEM DESCRIPTION >

Air Bag Diagnosis Sensor Unit

INFOID:000000008506608

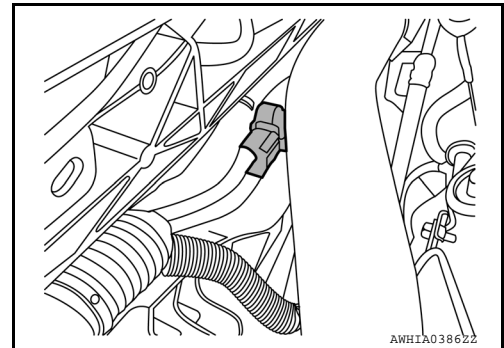
The air bag diagnosis sensor unit is located under the center console assembly. The air bag diagnosis sensor unit receives signals from multiple SRS sensors and controls the deployment of the air bags. The deployment of the air bags depends on the type and severity of the collision. The air bag diagnosis sensor unit has self-diagnosis capability through the use of the CONSULT as well as flash codes displayed by the air bag warning lamp.



Crash Zone Sensor

INFOID:000000008506609

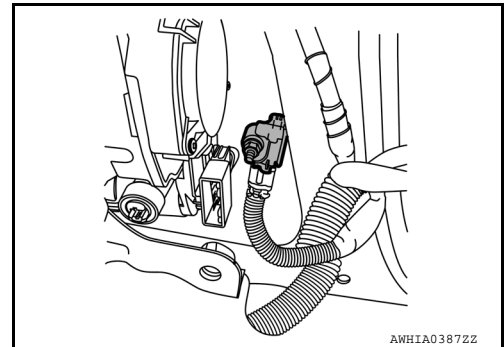
The crash zone sensor is located behind the radiator and underneath the front air duct. The crash zone sensor sends signals to the air bag diagnosis sensor unit during a frontal collision. This sensor may be identified by a yellow connector.



Front Side Air Bag Satellite Sensor

INFOID:000000008506610

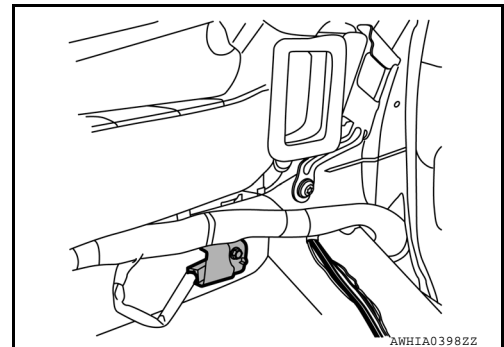
The front side air bag satellite sensors are located on the front center pillar LH and RH next to the seat belt pretensioners. The front side air bag satellite sensors send signals to the air bag diagnosis sensor unit during a side collision. These sensors may be identified by yellow connectors.



Rear Side Air Bag Satellite Sensor

INFOID:000000008506611

The rear side air bag satellite sensors are located behind the luggage side lower finisher LH and RH. The rear side air bag satellite sensors send signals to the air bag diagnosis sensor unit during a side collision. These sensors may be identified by yellow connectors.



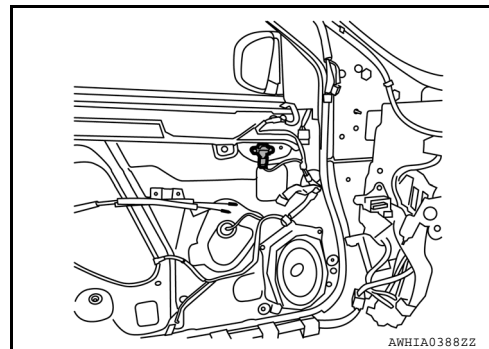
COMPONENT PARTS

< SYSTEM DESCRIPTION >

Front Door Satellite Sensor

INFOID:000000008506612

The front door satellite sensors are located in the driver and passenger doors. The front door satellite sensors send signals to the air bag diagnosis sensor unit during a side collision. These sensors may be identified by yellow connectors.



SRS Component Connectors

INFOID:000000008506613

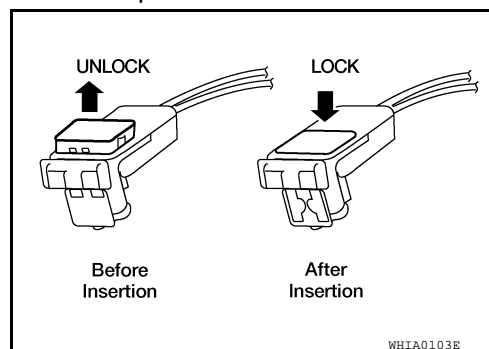
DIRECT CONNECT

The following SRS components use direct-connect style harness connectors.

- Driver front air bag module
- Passenger front air bag module
- LH side curtain air bag module
- RH side curtain air bag module
- Front LH seat belt pre-tensioner
- Front RH seat belt pre-tensioner

Always pull up to release locking tab prior to removing connector from SRS component.

Always push down to lock locking tab after installing connector to SRS component. When locked, the locking tab is level with the connector housing.



SLIDE DOUBLE LOCKING

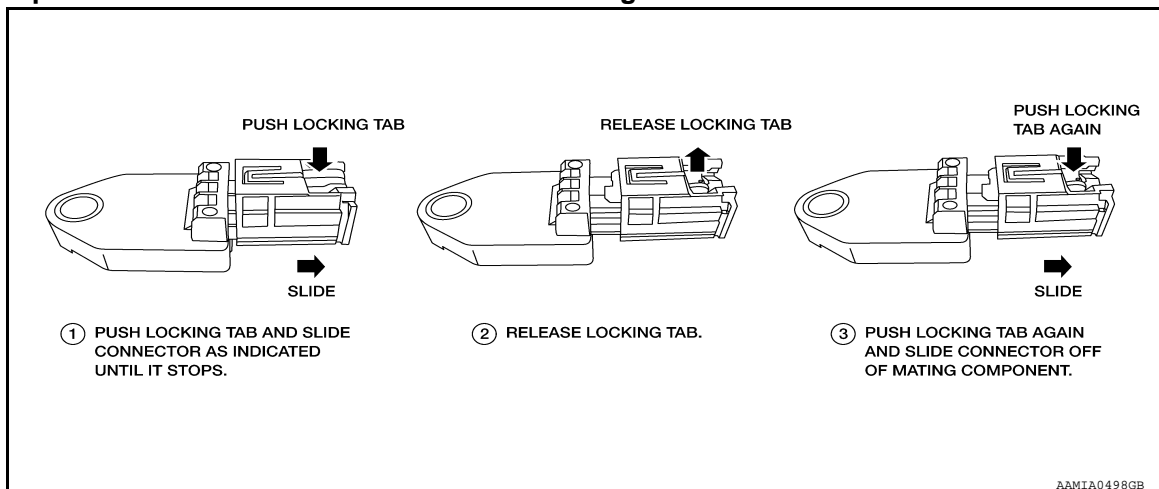
- A new style slide double locking type connector is used on certain systems and components, especially those related to airbag control systems.
- The slide double locking type connectors help prevent incomplete locking and accidental looseness or disconnection.
- The slide double locking type connectors are disconnected by pushing or pulling the slider. Refer to the figure below.

CAUTION:

COMPONENT PARTS

< SYSTEM DESCRIPTION >

- Do not pull the harness or wires when disconnecting the connector.



SYSTEM

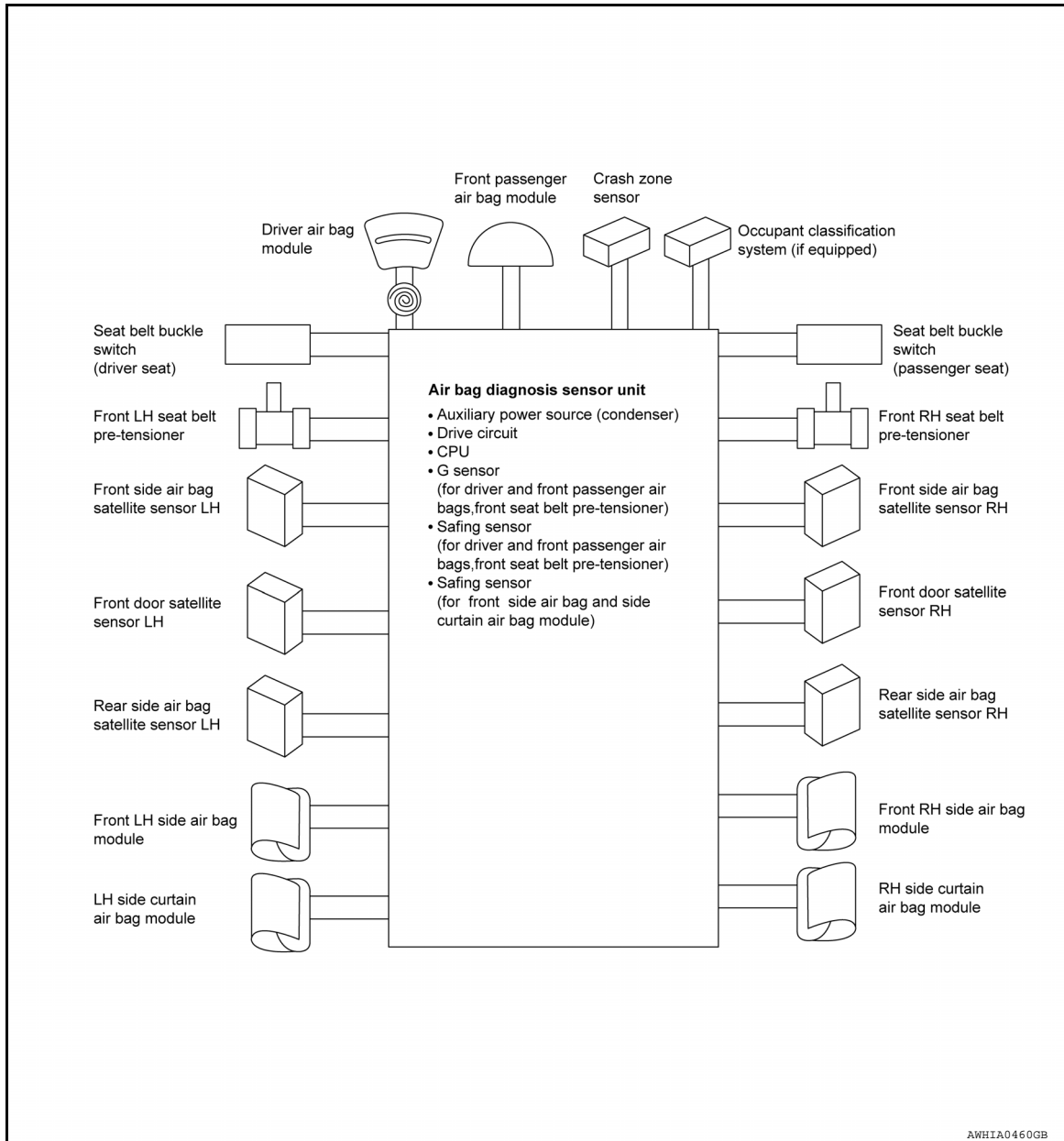
< SYSTEM DESCRIPTION >

SYSTEM

SRS AIR BAG SYSTEM

SRS AIR BAG SYSTEM : System Diagram

INFOID:000000008506614



SRS AIR BAG SYSTEM : System Description

INFOID:000000008506615

- The air bag deploys if the air bag diagnosis sensor unit is activated while the ignition switch is in the ON or START position.
- The collision modes for which supplemental restraint systems are activated are different among the SRS systems. For example, the driver air bag module, front passenger air bag module and front seat belt pre-tensioners are activated in a frontal collision but not in a side collision.

SRS Collision Modes

SRS configuration	Frontal collision	Left side collision	Right side collision	Rollover
Driver air bag module	x	—	—	—
Front passenger air bag module	x	—	—	—

SYSTEM

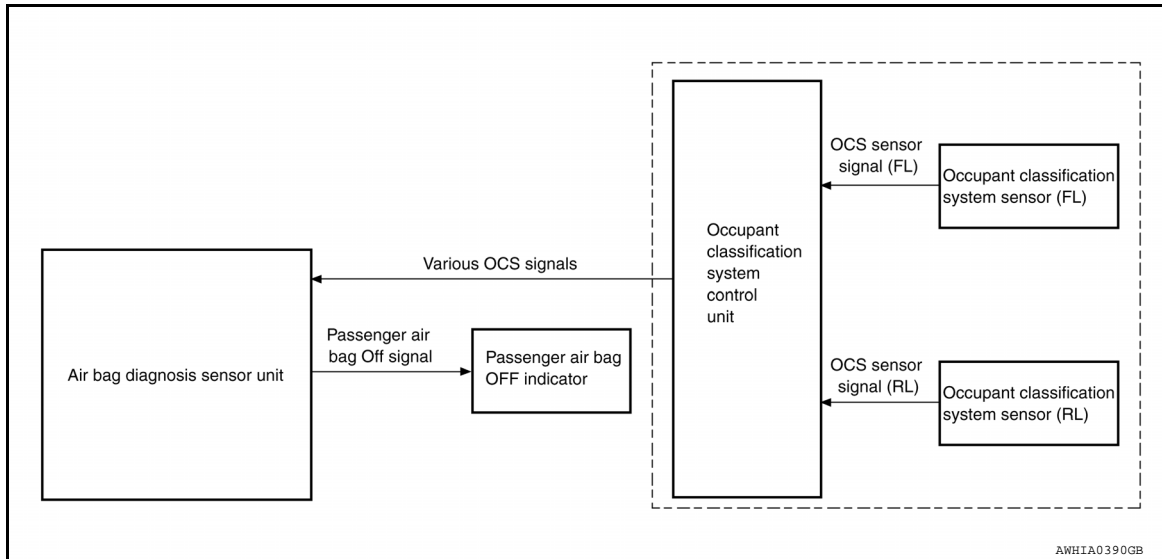
< SYSTEM DESCRIPTION >

SRS configuration	Frontal collision	Left side collision	Right side collision	Rollover
Front LH seat belt pre-tensioner	x	—	—	x
Front RH seat belt pre-tensioner	x	—	—	x
Front LH side air bag module	—	x	—	—
Front RH side air bag module	—	—	x	—
LH side curtain air bag module	—	x	—	x
RH side curtain air bag module	—	—	x	x

OCCUPANT CLASSIFICATION SYSTEM

OCCUPANT CLASSIFICATION SYSTEM : System Diagram

INFOID:000000008506616



OCCUPANT CLASSIFICATION SYSTEM : System Description

INFOID:000000008506617

The occupant classification system (OCS) identifies different size occupants, out of position occupants, and detects if a child seat is present in the front passenger seat. The OCS control unit (2) receives inputs from the occupant classification sensors (1) (located inside the passenger seat cushion assembly). Depending on classification of the passenger, the OCS sends a signal to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit uses this signal and the seat belt buckle switch (passenger seat) signal to determine deployment or non deployment of the passenger front air bag in the event of a collision. Depending on the signals received, the air bag diagnosis sensor unit can disable the passenger front air bag completely. The OCS (weight sensors) must be set to zero point using CONSULT after servicing the OCS system.

NOTE:

- CONSULT can be used to confirm when “zero point reset” for OCS is complete.
- Always perform zero point reset after the removal and installation of the seat or when disconnecting the OCS control unit harness connector even if zero point reset has been completed in the past.
- If zero point reset is incomplete, the passenger air bag will be disabled and the passenger air bag off indicator will be ON.
- In case of customer concern, CONSULT can be used to confirm the passenger air bag status (readiness).

Passenger Air Bag Status Conditions

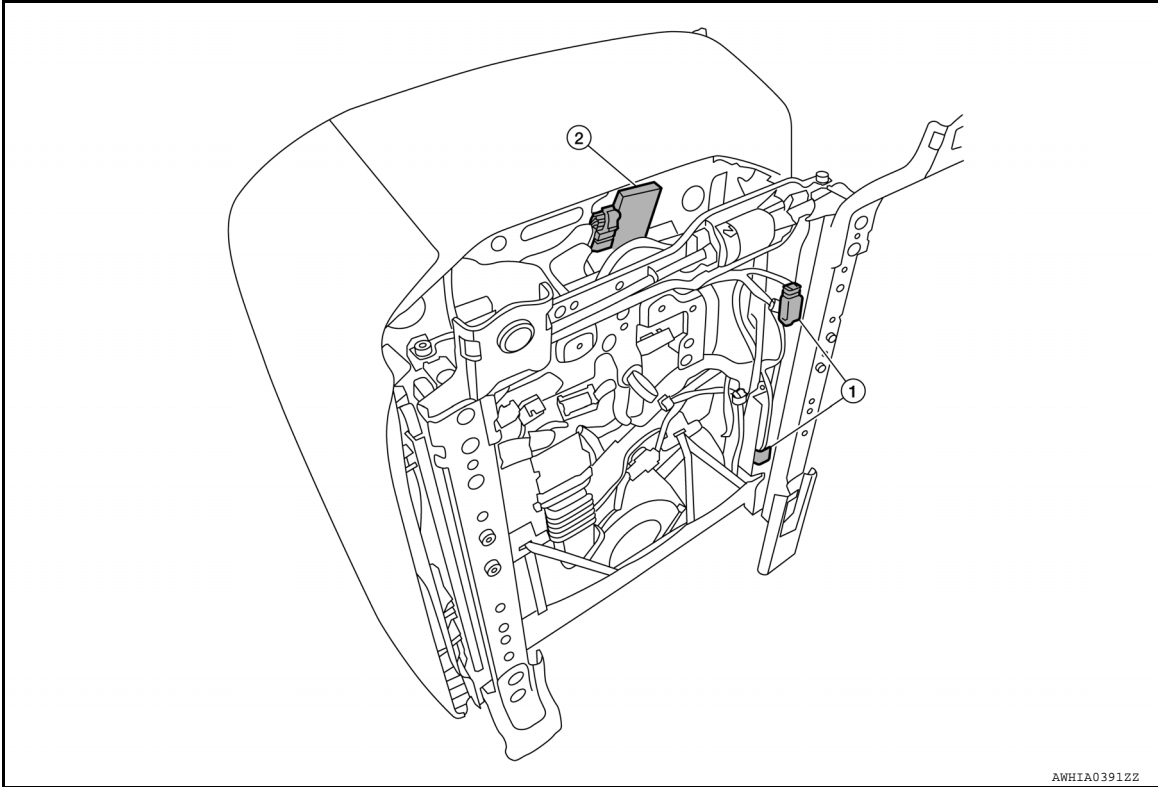
Front Passenger Seat (Condition)	PASS AIR BAG OFF Indicator (Status)	Passenger Air Bag Status (Readiness)	CONSULT Display
Seat occupied	OFF	Active (enabled)	ON
Seat occupied ^{NOTE}	ON	Deactivated (disabled)	OFF
Seat empty	OFF	Deactivated (disabled)	OFF

NOTE:

SYSTEM

< SYSTEM DESCRIPTION >

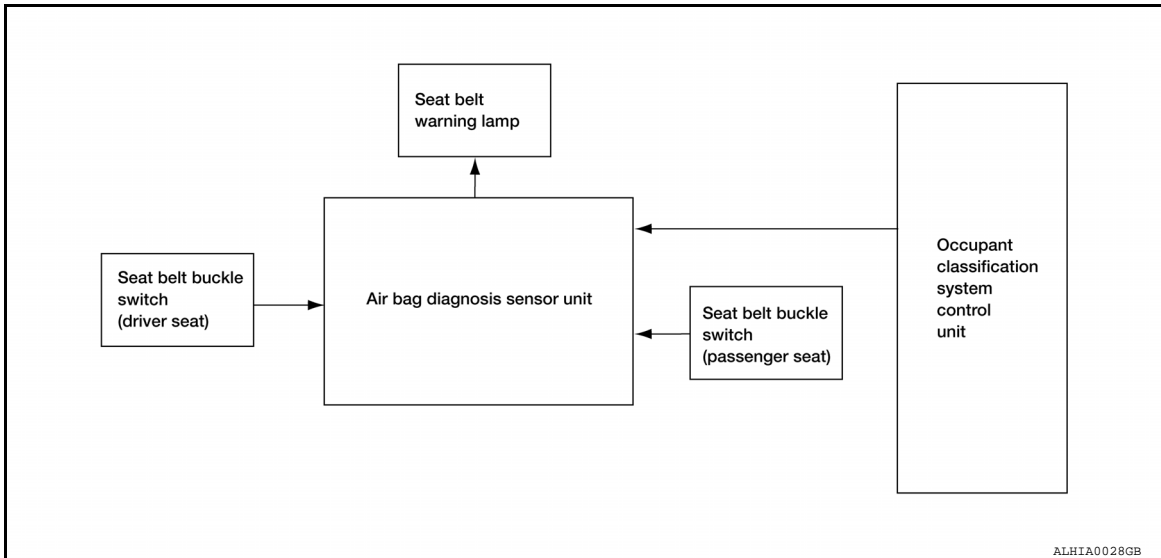
Passenger does not meet Occupant Classification System specifications for passenger air bag activation.



SEAT BELT WARNING LAMP SYSTEM

SEAT BELT WARNING LAMP SYSTEM : System Diagram

INFOID:0000000008506618



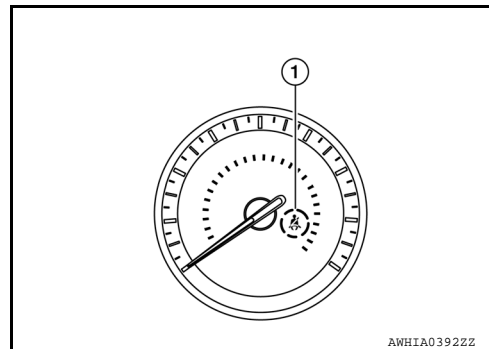
SYSTEM

< SYSTEM DESCRIPTION >

SEAT BELT WARNING LAMP SYSTEM : System Description

INFOID:000000008506619

The seat belt warning lamp (1) will remind the driver if the driver or front passenger seat belt should be buckled. The system works in conjunction with the occupant classification system. Refer to [SRC-12. "OCCUPANT CLASSIFICATION SYSTEM : System Description"](#).



Seat Belt Warning System Operation

Driver seat status (Ignition switch ON)	Passenger seat status	Seat belt buckle switch (driver side) status	Seat belt buckle switch (passenger side) status	Seat belt warning lamp
Seat occupied	Seat occupied	Buckled	Buckled	Off
			Unbuckled	On
	Seat unoccupied	Unbuckled	—	Off
	—			On

DIAGNOSIS SYSTEM (AIR BAG)

< SYSTEM DESCRIPTION >

DIAGNOSIS SYSTEM (AIR BAG)

Diagnosis Description

INFOID:0000000008506620

CAUTION:

- Do not use electrical test equipment on any circuit related to the SRS unless instructed to do so in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harness connectors.
- Do not attempt to repair, splice or modify SRS wiring harnesses. If a harness is damaged, replace it with a new one.
- Keep ground connections clean.

HOW TO PERFORM TROUBLE DIAGNOSES FOR QUICK AND ACCURATE REPAIR

1. Obtain information about the symptom.
 - WHAT - vehicle model
 - WHEN - date, frequencies
 - WHERE - road conditions
 - HOW - operating conditions, symptoms, passengers
2. Perform Preliminary Check.
 - Battery
 - Fuses
 - Harness connections

DIAGNOSIS METHODS

SRS self-diagnosis results can be read by using the AIR BAG warning lamp or CONSULT.

The User Mode is for the customer (driver). This mode warns the driver of a system malfunction through the AIR BAG warning lamp.

The Diagnosis Mode is for the technician. This mode helps the technician locate the malfunctioning circuit or part.

	User Mode	Diagnosis Mode	Display type
AIR BAG warning lamp	X	X	ON/OFF
CONSULT	—	X	Monitoring

SRS Operation Check

INFOID:0000000008506621

USER MODE

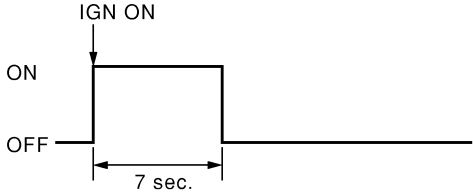
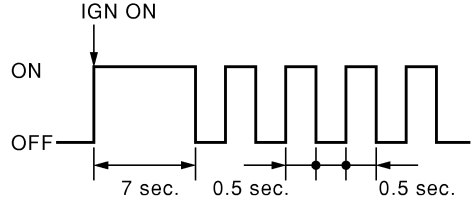
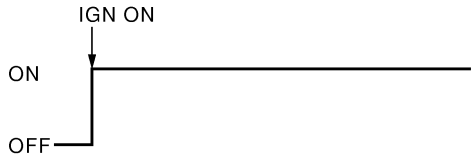

1. Turn the ignition switch from OFF to ON and check that the air bag warning lamp blinks.
2. Compare the blinking pattern with the examples in the table.



DIAGNOSIS SYSTEM (AIR BAG)

< SYSTEM DESCRIPTION >

Air bag warning lamp flashing pattern (User Mode)

Warning lamp	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>	<p>The system is malfunctioning and needs to be repaired.</p> <p>Zero point reset is incomplete</p>	<p>Refer to SRC-16, "Trouble Diagnosis with CONSULT" or SRC-17, "Trouble Diagnosis without CONSULT".</p> <p>Refer to SRC-42, "ZERO POINT RESET : Special Repair Requirement".</p>
 <p>SHIA0013E</p>	<ul style="list-style-type: none"> Air bag is deployed. Seat belt pre-tensioner is deployed. Air bag diagnosis sensor unit is malfunctioning. Air bag power supply circuit is malfunctioning. SRS air bag warning lamp circuit is malfunctioning. 	<p>Refer to SR-5, "For Frontal Collision" or SR-7, "For Side and Rollover Collision".</p> <p>Refer to SRC-102, "AIR BAG Warning Lamp Does Not Turn Off".</p>
 <p>SHIA0014E</p>	<ul style="list-style-type: none"> Air bag diagnosis sensor unit is malfunctioning. Air bag warning lamp circuit is malfunctioning. 	<p>Refer to SRC-101, "AIR BAG Warning Lamp Does Not Turn On".</p>

Trouble Diagnosis with CONSULT

INFOID:000000008506622

1. Connect CONSULT.
2. DTC is displayed on SELF-DIAG RESULTS.

NOTE:

If a malfunction is not detected on SELF-DIAG RESULTS [CURRENT], but a malfunction is detected during SRS Operation Check, the following cases may exist:

- SELF-DIAG [PAST] memory might not be erased. Refer to [SRC-17, "SRS Final Check"](#).
- SRS system malfunctions intermittently. Refer to [SRC-43, "Inspection Procedure"](#).

DIAGNOSIS SYSTEM (AIR BAG)

< SYSTEM DESCRIPTION >

Trouble Diagnosis without CONSULT

INFOID:0000000008506623

DIAGNOSIS MODE

NOTE:

Diagnosis Mode can not be entered if a malfunction is not detected in User Mode.

1. Turn ignition switch ON.
2. After AIR BAG warning lamp lights for 7 seconds, turn ignition switch OFF within 1 second.
3. Wait more than 3 seconds.
4. Repeat steps 1 to 3 two more times (3 times total).
5. Turn ignition switch ON.

SRS is now in Diagnosis Mode. Refer to [SRC-22, "Flash Code Index"](#).

SRS History Check

INFOID:0000000008506624

SRS HISTORY CHECK

1. Check repair history of the SRS. If no repairs have been made, perform [SRC-15, "SRS Operation Check"](#). If repairs have been made, GO TO step 2.
2. Erase "SELF-DIAG [PAST]" after repair. Refer to [SRC-17, "SRS Final Check"](#).

SRS Final Check

INFOID:0000000008506625

DIAGNOSIS MODE

1. Connect CONSULT.
2. Confirm that zero point reset of OCS is complete.
3. If no DTCs are detected on "SELF-DIAG RESULTS [CURRENT]", repair of SRS is completed. Go to step 4.
If any DTCs are detected on "SELF-DIAG RESULTS [CURRENT]", the malfunction has not been repaired completely or another malfunction is being detected. Perform SRS Operation Check again. Refer to [SRC-15, "SRS Operation Check"](#).
4. Touch "ERASE".
NOTE:
Touching "ERASE" will clear the SRS memory of the malfunction ("SELF-DIAG [PAST]"). If "SELF-DIAG [PAST]" is not erased, User Mode may show the previous system malfunction even if the malfunction has been repaired completely.
5. Check that no malfunction is detected in "SELF-DIAG [PAST]".
6. Exit Diagnosis Mode and disconnect the CONSULT.
7. Perform SRS Operation Check. Refer to [SRC-15, "SRS Operation Check"](#).

CONSULT Function (AIR BAG)

INFOID:0000000008506626

CONSULT can display each diagnostic item using the diagnostic test modes shown following.

Diagnostic Test Mode	Diagnostic Item	Description
Self Diagnostic Result	SELF-DIAG RESULT [CURRENT]	A current Self-diagnosis result (also indicated by the number of warning lamp flashes in the Diagnosis mode) is displayed on the CONSULT screen in real time. This refers to a malfunctioning part requiring repairs.
Data Monitor	DATA MONITOR	Displays air bag diagnosis sensor unit input/output data in real time.
Ecu Identification	ECU DISCRIMINATED NO.	Air bag diagnosis sensor unit ECU discriminated number (identification number) or part number is displayed. Air bag diagnosis sensor unit has individual ECU discriminated number (identification number) or part number based on model and equipment.
Trouble Diagnostic Record	TROUBLE DIAG RECORD [PAST]	With TROUBLE DIAG RECORD, diagnosis results previously erased by a reset operation can be displayed on the CONSULT screen.

CONSULT Function (OCCUPANT DETECTION)

INFOID:0000000008506627

CONSULT can display each diagnostic item using the diagnostic test modes shown following.

DIAGNOSIS SYSTEM (AIR BAG)

< SYSTEM DESCRIPTION >

Diagnostic Test Mode	Diagnostic Item	Description
Work Support	ZERO POINT RESET FUNCTION	Perform zero point reset. Refer to SRC-42. "ZERO POINT RESET : Special Repair Requirement" .

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

ECU DIAGNOSIS INFORMATION

DIAGNOSIS SENSOR UNIT

DTC Index

INFOID:0000000008506628

DIAGNOSTIC CODE CHART

NOTE:

Follow the procedures in numerical order when repairing malfunctioning parts. Confirm whether malfunction is eliminated using air bag warning lamp or CONSULT each time repair is finished. If malfunction is still observed, proceed to the next step. When malfunction is eliminated, further repair work is not required.

CONSULT name	DTC	DTC detecting condition	Repair order
DRIVER AIRBAG MODULE [OPEN]	B1049	Driver air bag module circuit (DR1) is open (including the spiral cable).	Refer to SRC-45, "Diagnosis Procedure" .
	B1054	Driver air bag module circuit (DR2) is open (including the spiral cable).	
DRIVER AIRBAG MODULE [VB-SHORT]	B1050	Driver air bag module circuit (DR1) is shorted to a power supply circuit (including the spiral cable).	
	B1055	Driver air bag module circuit (DR2) is shorted to a power supply circuit (including the spiral cable).	
DRIVER AIRBAG MODULE [GND-SHORT]	B1051	Driver air bag module circuit (DR1) is shorted to ground (including the spiral cable).	
	B1056	Driver air bag module circuit (DR2) is shorted to ground (including the spiral cable).	
DRIVER AIRBAG MODULE [SHORT]	B1052	Driver air bag module circuits (DR1) are shorted to each other (including the spiral cable).	
	B1057	Driver air bag module circuits (DR2) are shorted to each other (including the spiral cable).	
ASSIST A/B MODULE [OPEN]	B1065	Front passenger air bag module circuit (AS1) is open.	Refer to SRC-48, "Diagnosis Procedure" .
	B1070	Front passenger air bag module circuit (AS2) is open.	
ASSIST A/B MODULE [VB-SHORT]	B1066	Front passenger air bag module circuit (AS1) is shorted to a power supply circuit.	
	B1071	Front passenger air bag module circuit (AS2) is shorted to a power supply circuit.	
ASSIST A/B MODULE [GND-SHORT]	B1067	Front passenger air bag module circuit (AS1) is shorted to ground.	
	B1072	Front passenger air bag module circuit (AS2) is shorted to ground.	
ASSIST A/B MODULE [SHORT]	B1068	Front passenger air bag module circuits (AS1) are shorted to each other.	
	B1073	Front passenger air bag module circuits (AS2) are shorted to each other.	

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

CONSULT name	DTC	DTC detecting condition	Repair order
SIDE MODULE LH [OPEN]	B1134	Front LH side air bag module circuit is open.	Refer to SRC-51, "Diagnosis Procedure" .
SIDE MODULE LH [VB-SHORT]	B1135	Front LH side air bag module circuit is shorted to a power supply circuit.	
SIDE MODULE LH [GND-SHORT]	B1136	Front LH side air bag module circuit is shorted to ground.	
SIDE MODULE LH [SHORT]	B1137	Front LH side air bag module circuits are shorted to each other.	
SIDE MODULE RH [OPEN]	B1129	Front RH side air bag module circuit is open.	Refer to SRC-54, "Diagnosis Procedure" .
SIDE MODULE RH [VB-SHORT]	B1130	Front RH side air bag module circuit is shorted to a power supply circuit.	
SIDE MODULE RH [GND-SHORT]	B1131	Front RH side air bag module circuit is shorted to ground.	
SIDE MODULE RH [SHORT]	B1132	Front RH side air bag module circuits are shorted to each other.	
CURTAIN MODULE LH [OPEN]	B1150	LH side curtain air bag module circuit is open.	Refer to SRC-57, "Diagnosis Procedure" .
CURTAIN MODULE LH [VB-SHORT]	B1151	LH side curtain air bag module circuit is shorted to a power supply circuit.	
CURTAIN MODULE LH [GND-SHORT]	B1152	LH side curtain air bag module circuit is shorted to ground.	
CURTAIN MODULE LH [SHORT]	B1153	LH side curtain air bag module circuits are shorted to each other.	
CURTAIN MODULE RH [OPEN]	B1145	RH side curtain air bag module circuit is open.	Refer to SRC-60, "Diagnosis Procedure" .
CURTAIN MODULE RH [VB-SHORT]	B1146	RH side curtain air bag module circuit is shorted to a power supply circuit.	
CURTAIN MODULE RH [GND-SHORT]	B1147	RH side curtain air bag module circuit is shorted to ground.	
CURTAIN MODULE RH [SHORT]	B1148	RH side curtain air bag module circuits are shorted to each other.	
PRE-TEN FRONT LH [OPEN]	B1086	LH seat belt pre-tensioner circuit is open.	Refer to SRC-63, "Diagnosis Procedure" .
PRE-TEN FRONT LH [VB-SHORT]	B1087	LH seat belt pre-tensioner circuit is shorted to a power supply circuit.	
PRE-TEN FRONT LH [GND-SHORT]	B1088	LH seat belt pre-tensioner circuit is shorted to ground.	
PRE-TEN FRONT LH [SHORT]	B1089	LH seat belt pre-tensioner circuits are shorted to each other.	
PRE-TEN FRONT RH [OPEN]	B1081	RH seat belt pre-tensioner circuit is open.	Refer to SRC-66, "Diagnosis Procedure" .
PRE-TEN FRONT RH [VB-SHORT]	B1082	RH seat belt pre-tensioner circuit is shorted to a power supply circuit.	
PRE-TEN FRONT RH [GND-SHORT]	B1083	RH seat belt pre-tensioner circuit is shorted to ground.	
PRE-TEN FRONT RH [SHORT]	B1084	RH seat belt pre-tensioner circuits are shorted to each other.	
CRASH ZONE SEN [UNIT FAIL]	B1033	Crash zone sensor has malfunctioned.	Refer to SRC-69, "Diagnosis Procedure" .
	B1034		
CRASH ZONE SEN [COMM FAIL]	B1035	Crash zone sensor communication error.	

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

CONSULT name	DTC	DTC detecting condition	Repair order
FR-LH DOOR SATEL SENS [SENSOR MALFUNCTION]	B1343	Front door satellite sensor LH has malfunctioned.	Refer to SRC-84, "Diagnosis Procedure" .
	B1344		
FR-LH DOOR SATEL SENS [COMM MALFUNCTION]	B1345	Front door satellite sensor LH communication error.	
	B1347		
	B1348		
	B1349		
FR-LH DOOR SATEL SENS [MIS-INSTALLATION]	B1346	Front door satellite sensor LH is out of specification.	
FR-RH DOOR SATEL SENS [SENSOR MALFUNCTION]	B1336	Front door satellite sensor RH has malfunctioned.	Refer to SRC-87, "Diagnosis Procedure" .
	B1337		
FR-RH DOOR SATEL SENS [COMM MALFUNCTION]	B1338	Front door satellite sensor RH communication error.	
	B1340		
	B1341		
	B1342		
FR-RH DOOR SATEL SENS [MIS-INSTALLATION]	B1339	Front door satellite sensor RH is out of specification.	
FR DOOR SATEL SENS	B1350	Front door satellite sensors LH/RH have malfunctioned.	Refer to SRC-90, "Diagnosis Procedure" .
	B1351		
SATELLITE SENS LH [UNIT FAIL]	B1118	Front side air bag satellite sensor LH has malfunctioned.	Refer to SRC-72, "Diagnosis Procedure" .
	B1119		
SATELLITE SENS LH [COMM FAIL]	B1120	Front side air bag satellite sensor LH communication error.	
SATELLITE SENS LH [UNMATCH]	B1121	Front side air bag satellite sensor LH is out of specification.	
SATELLITE SENS RH [UNIT FAIL]	B1113	Front side air bag satellite sensor RH has malfunctioned.	Refer to SRC-75, "Diagnosis Procedure" .
	B1114		
SATELLITE SENS RH [COMM FAIL]	B1115	Front side air bag satellite sensor RH communication error.	
SATELLITE SENS RH [UNMATCH]	B1116	Front side air bag satellite sensor RH is out of specification.	
SATELLITE SENS RH [UNIT MALF]	B1304	Rear side air bag satellite sensor RH is malfunctioning.	Refer to SRC-81, "Diagnosis Procedure" .
SATELLITE SENS RH [COMM MALF]	B1306	Rear side air bag satellite sensor RH is malfunctioning.	Refer to SRC-81, "Diagnosis Procedure" .
	B1308		
	B1309		
	B1310		
SATELLITE SENS RH [UNMATCH]	B1307	Rear side air bag satellite sensor RH is out of the specified specification.	Refer to SRC-81, "Diagnosis Procedure" .
SATELLITE SENS LH [UNIT MALF]	B1311	Rear side air bag satellite sensor LH is malfunctioning.	Refer to SRC-78, "Diagnosis Procedure" .
SATELLITE SENS LH [COMM MALF]	B1313	Rear side air bag satellite sensor LH is malfunctioning.	Refer to SRC-78, "Diagnosis Procedure" .
	B1315		
	B1316		
	B1317		
SATELLITE SENS LH [UNMATCH]	B1314	Rear side air bag satellite sensor LH is out of the specified specification.	Refer to SRC-78, "Diagnosis Procedure" .
CONTROL UNIT	B1XXX	Air bag diagnosis sensor unit is malfunctioning.	Refer to SRC-93, "Diagnosis Procedure" .

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

CONSULT name	DTC	DTC detecting condition	Repair order
PASS A/B INDCTR CKT	B1023	Front passenger air bag OFF indicator is malfunctioning.	Refer to SRC-95, "Diagnosis Procedure" .
OCCUPANT SENS C/U [UNIT FAIL]	B1017	The OCS control unit is malfunctioning.	Refer to SRC-98, "Diagnosis Procedure" .
	B1020		
	B1021		
OCCUPANT SENS [UNIT FAIL]	B1018	The OCS sensor is malfunctioning.	
OCS SENS [OTHER FAIL]	B1025	The OCS is malfunctioning.	
	B1032		
	B1048		
OCCUPANT SENS C/U [COMM FAIL]	B1022	Communication between the OCS control unit and the air bag diagnosis sensor unit is interrupted.	
FRONTAL COLLISION DETECTION	B1209	Driver and/or front passenger air bag modules are deployed.	Refer to SRC-100, "Diagnosis Procedure" .
SIDE COLLISION DETECTION	B1210	Curtain air bag module and seat belt pre-tensioner are deployed.	Refer to SRC-100, "Diagnosis Procedure" .
ROLLOVER DETECTION	B1211		

Flash Code Index

INFOID:000000008506629

WARNING LAMP FLASH CODE CHART

NOTE:

Follow the procedures in numerical order when repairing malfunctioning parts. Confirm whether malfunction is eliminated using air bag warning lamp each time repair is finished. If malfunction is still observed, proceed to the next step. When malfunction is eliminated, further repair work is not required.

<Diagnosis results (previously stored in the memory) might not be erased after repair or intermittent malfunctions have been detected in the past.>	
Flash pattern	Repair order
<p>a through b are repeated.</p>	<p>1. Refer to Trouble Diagnosis with CONSULT and SRS Final Check.</p>

AWHIA0300GB

<Driver air bag module>	
Flash pattern	Repair order
<p>a through d are repeated. d: Two flashes indicate malfunctioning driver air bag module circuits.</p>	<p>1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Inspect the spiral cable circuit. 4. Replace the air bag diagnosis sensor unit. 5. Replace driver air bag module. 6. Replace the related harness.</p>

AWHIA0306GB

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

<Air bag diagnosis sensor unit>	
Flash pattern	Repair order
<p>a through d are repeated. d: Seven flashes indicate malfunctioning diagnosis sensor unit circuit.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connections. 2. Replace the harness if it has visible damage. 3. Replace the air bag diagnosis sensor unit. 4. Replace the related harness.
WHIA0198E	
<Front passenger air bag module>	
Flash pattern	Repair order
<p>a through d are repeated. d: Eight flashes indicate malfunctioning front passenger air bag module circuit.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the air bag diagnosis sensor unit. 4. Replace front passenger air bag module. 5. Replace the related harness.
AHIA0307GB	
<Crash zone sensor>	
Flash pattern	Repair order
<p>a through d are repeated. d: Six flashes indicate malfunctioning crash zone sensor circuit.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the crash zone sensor. 4. Replace the air bag diagnosis sensor unit. 5. Replace the related harness.
WHIA0200E	
<Front RH seat belt pre-tensioner>	
Flash pattern	Repair order
<p>a through d are repeated. d: One flash indicates malfunctioning front RH seat belt pre-tensioner circuit.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connections. 2. Replace the harness if it has visible damage. 3. Replace front RH seat belt pre-tensioner. 4. Replace the air bag diagnosis sensor unit. 5. Replace the related harness.
WHIA0262E	
<Front LH seat belt pre-tensioner>	
Flash pattern	Repair order
<p>a through d are repeated. d: Three flashes indicate malfunctioning front LH seat belt pre-tensioner circuit.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connections. 2. Replace the harness if it has visible damage. 3. Replace front LH seat belt pre-tensioner. 4. Replace the air bag diagnosis sensor unit. 5. Replace the related harness.
WHIA0263E	

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

<Front door satellite sensor LH>	
Flash pattern	Repair order
<p>a through f are repeated.</p> <p>f: Ten flashes indicate malfunctioning front door satellite sensor LH.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the front door satellite sensor LH. 4. Replace the air bag diagnosis sensor unit. 5. Replace the related harness.

AWHIA0335GB

<Front door satellite sensor RH>	
Flash pattern	Repair order
<p>a through f are repeated.</p> <p>f: Nine flashes indicate malfunctioning front door satellite sensor RH.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the front door satellite sensor RH. 4. Replace the air bag diagnosis sensor unit. 5. Replace the related harness.

AWHIA0334GB

<Front door satellite sensors LH/RH>	
Flash pattern	Repair order
<p>a through f are repeated.</p> <p>f: Twenty flashes indicate malfunctioning front door satellite sensors LH/RH</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connections. 2. Replace the harnesses if they have visible damage. 3. Replace both front door satellite sensors LH and RH. 4. Replace the air bag diagnosis sensor unit. 5. Replace the related harnesses.

AWHIA0276GB

<Front side air bag satellite sensor LH>	
Flash pattern	Repair order
<p>a through f are repeated.</p> <p>f: Four flashes indicate malfunctioning front side air bag satellite sensor LH</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the front side air bag satellite sensor LH. 4. Replace the air bag diagnosis sensor unit. 5. Replace the related harness.

AWHIA0394GB

<Front side air bag satellite sensor RH>	
Flash pattern	Repair order
<p>a through f are repeated.</p> <p>f: Three flashes indicate malfunctioning front side air bag satellite sensor RH.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the front side air bag satellite sensor RH. 4. Replace the air bag diagnosis sensor unit. 5. Replace the related harness.

AWHIA0395GB

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

<Rear side air bag satellite sensor LH>

Flash pattern	Repair order
<p>a through f are repeated.</p> <p>f: Twelve flashes indicate malfunctioning rear side air bag satellite sensor LH</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the rear side air bag satellite sensor LH. 4. Replace the air bag diagnosis sensor unit. 5. Replace the related harness.

AWHIA0396GB

<Rear side air bag satellite sensor RH>

Flash pattern	Repair order
<p>a through f are repeated.</p> <p>f: Eleven flashes indicate malfunctioning rear side air bag satellite sensor RH</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the rear side air bag satellite sensor RH. 4. Replace the air bag diagnosis sensor unit. 5. Replace the related harness.

AWHIA0397GB

<Front RH side air bag module>

Flash pattern	Repair order
<p>a through f are repeated.</p> <p>f: One flash indicate malfunctioning front RH side air bag module circuit.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the air bag diagnosis sensor unit. 4. Replace the front RH side air bag module. 5. Replace the related harness.

AWHIA0305GB

<Front LH side air bag module>

Flash pattern	Repair order
<p>a through f are repeated.</p> <p>f: Two flashes indicate malfunctioning front LH side air bag module circuit.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the air bag diagnosis sensor unit. 4. Replace the front LH side air bag module. 5. Replace the related harness.

AWHIA0304GB

<RH side curtain air bag module>

Flash pattern	Repair order
<p>a through f are repeated.</p> <p>f: Five flashes indicate malfunctioning RH side curtain air bag module circuit.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the air bag diagnosis sensor unit. 4. Replace RH side curtain air bag module. 5. Replace the related harness.

AWHIA0308GB

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

<LH side curtain air bag module>	
Flash pattern	Repair order
<p>a through f are repeated. f: Six flashes indicate malfunctioning LH side curtain air bag module circuit.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the air bag diagnosis sensor unit. 4. Replace LH side curtain air bag module. 5. Replace the related harness.

AWHIA0309GB

<Occupant classification system>	
Flash pattern	Repair order
<p>a through d are repeated. d: Five flashes indicate malfunctioning occupant classification system control unit.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the OCS control unit and OCS sensors (seat frame and adjuster assembly). 4. Replace the air bag diagnosis sensor unit.

AWHIA0405GB

<Front passenger air bag off indicator>	
Flash pattern	Repair order
<p>a through d are repeated. d: Eleven flashes indicate malfunctioning front passenger air bag off indicator.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace front passenger air bag off indicator. 4. Replace the air bag diagnosis sensor unit. 5. Replace the related harness.

AWHIA0212E

SRS AIR BAG SYSTEM

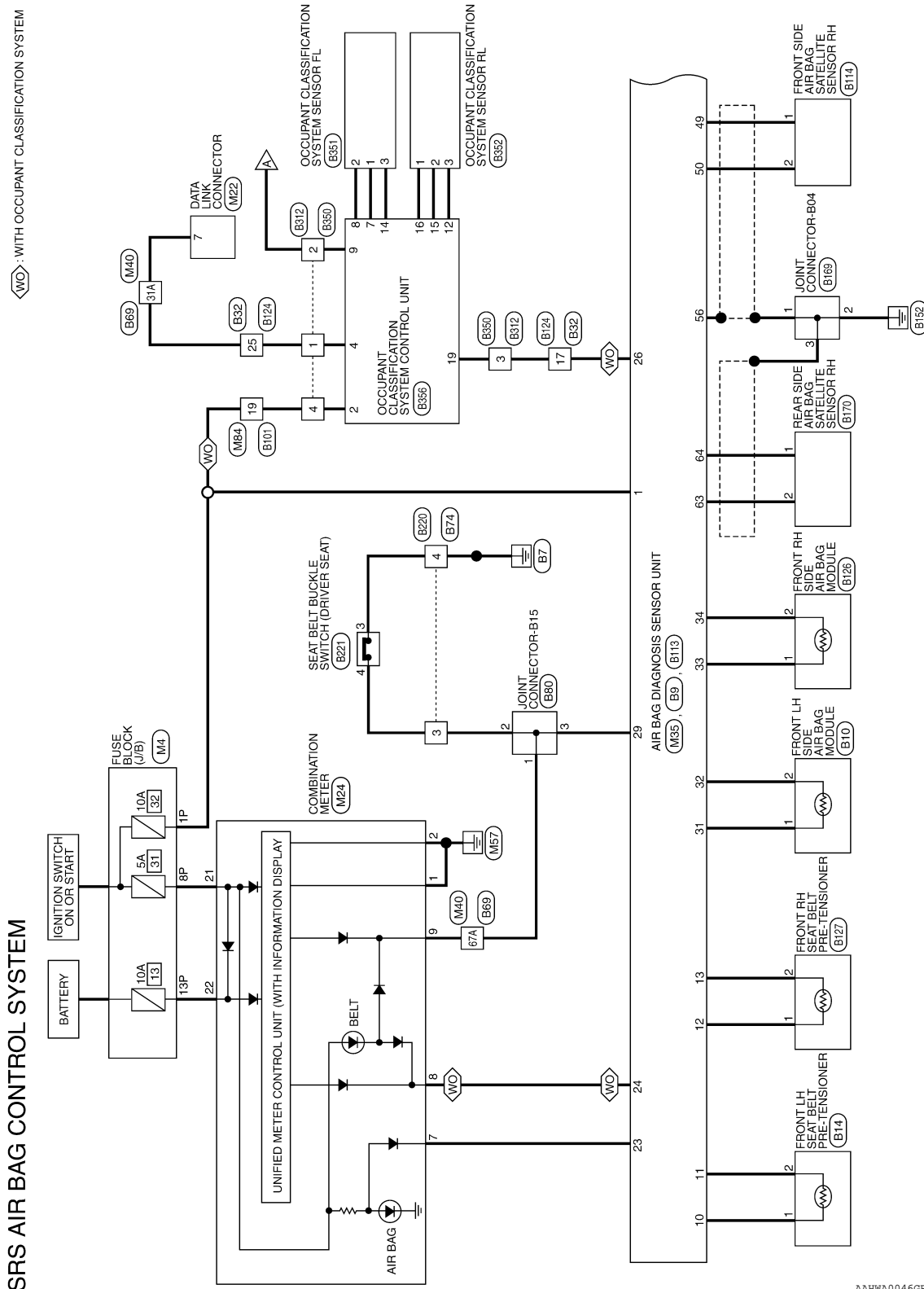
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WIRING DIAGRAM

SRS AIR BAG SYSTEM

Wiring Diagram

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AAHWA0046GB

< WIRING DIAGRAM >



✱ : THIS CONNECTOR IS NOT SHOWN IN "HARNESS LAYOUT" OF PG SECTION.

SRS AIR BAG SYSTEM

< WIRING DIAGRAM >

SRS AIR BAG CONTROL SYSTEM CONNECTORS

Connector No.	M4
Connector Name	FUSE BLOCK (J/B)
Connector Color	WHITE

7P 6P 3P 4P	3P 2P 1P
16P 15P 14P 13P 12P 11P 10P 9P 8P	



Connector No.	M22
Connector Name	DATA LINK CONNECTOR
Connector Color	WHITE

9 10 11 12 13 14 15 16
1 2 3 4 5 6 7 8



Connector No.	M24
Connector Name	COMBINATION METER
Connector Color	WHITE



20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1
40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21

Terminal No.	Color of Wire	Signal Name
1P	R	-
8P	BG	-
13P	W	-

Terminal No.	Color of Wire	Signal Name
7	R	-

Terminal No.	Color of Wire	Signal Name
1	B	GND 1
2	B	GND 2
7	R	AIR BAG
8	G	PASSENGER SEAT BELT
9	Y	DRIVER SEAT BELT
21	BG	IGN
22	W	BAT

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SRS AIR BAG SYSTEM

< WIRING DIAGRAM >

Connector No.	M39
Connector Name	JOINT CONNECTOR-M06
Connector Color	WHITE



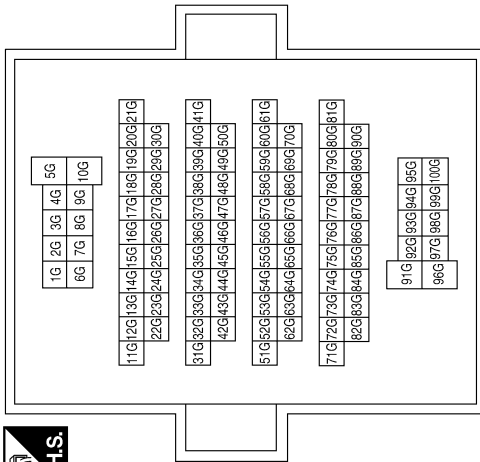
4	3	2	1
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Connector No.	M35
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Color	YELLOW



8	9	7	6	2	5	4	3
19	52			54	23	24	22
18	51			53	60	59	25
							1

Connector No.	M31
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	V	-
2	SHIELD	-
3	SHIELD	-
4	SHIELD	-

Terminal No.	Color of Wire	Signal Name
1	R	IGN
2	B	GND
3	LG	DR1+
4	Y	DR1-, DR2-
5	BR	DR2+
6	W	AS1+
7	G	AS1-
8	W	AS2+
9	G	AS2-
18	B	ECZS 1+
19	W	ECZS 1-
22	V	GND (FOR SHIELD WIRE GND)
23	R	AIRBAG W/L
24	G	SEATBELT REMINDER
25	R	CUTOFF TELLTALE
51	B	RH DOOR SATELLITE SENSOR +
52	W	RH DOOR SATELLITE SENSOR -
53	B	LH DOOR SATELLITE SENSOR +
54	W	LH DOOR SATELLITE SENSOR -
59	L	CAN-H
60	P	CAN-L

Terminal No.	Color of Wire	Signal Name
59G	B	-
60G	W	-
61G	SHIELD	-

AAHIA0091GB

SRS AIR BAG SYSTEM

< WIRING DIAGRAM >

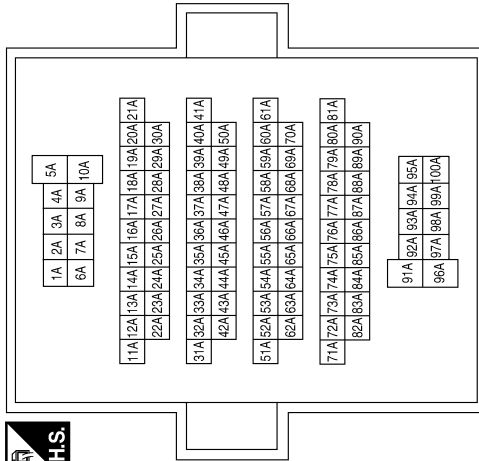
Connector No.	M53
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Color	YELLOW



Terminal No.	Color of Wire	Signal Name
28	LG	-
29	BR	-
30	Y	-

Terminal No.	Color of Wire	Signal Name
31A	R	-
67A	Y	-

Connector No.	M40
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Connector No.	M89
Connector Name	DRIVER AIR BAG MODULE
Connector Color	ORANGE



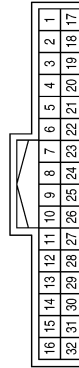
Terminal No.	Color of Wire	Signal Name
10	Y	-
11	L	-

Connector No.	M87
Connector Name	DRIVER AIR BAG MODULE
Connector Color	YELLOW



Terminal No.	Color of Wire	Signal Name
9	R	-
12	G	-

Connector No.	M84
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
19	R	-

AAHIA0092GB

SRS AIR BAG SYSTEM

< WIRING DIAGRAM >

Connector No.	M105
Connector Name	FRONT PASSENGER AIR BAG MODULE
Connector Color	YELLOW



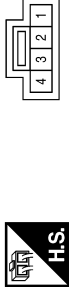
Terminal No.	Color of Wire	Signal Name
1	W	-
2	G	-
3	W	-
4	G	-

Connector No.	M147
Connector Name	FRONT PASSENGER AIR BAG OFF INDICATOR
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	R	-
2	B	-

Connector No.	M159
Connector Name	WIRE TO WIRE
Connector Color	YELLOW



Terminal No.	Color of Wire	Signal Name
1	W	-
2	SHIELD	-
3	B	-

Connector No.	M169
Connector Name	WIRE TO WIRE
Connector Color	YELLOW



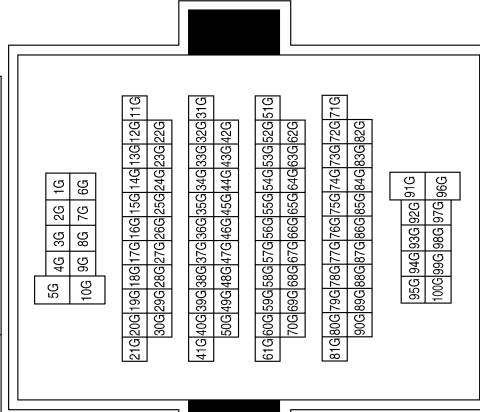
Terminal No.	Color of Wire	Signal Name
1	W	-
2	SHIELD	-
3	B	-

Connector No.	E29
Connector Name	WIRE TO WIRE
Connector Color	YELLOW



Terminal No.	Color of Wire	Signal Name
2	SHIELD	-
3	B	-
4	W	-

Connector No.	E152
Connector Name	WIRE TO WIRE
Connector Color	WHITE



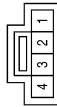
Terminal No.	Color of Wire	Signal Name
59G	W	-
60G	B	-
61G	SHIELD	-

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SRS AIR BAG SYSTEM

< WIRING DIAGRAM >

Connector No.	E210
Connector Name	WIRE TO WIRE
Connector Color	YELLOW



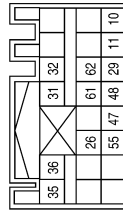
Connector No.	E228
Connector Name	CRASH ZONE SENSOR
Connector Color	YELLOW



Terminal No.	Color of Wire	Signal Name
2	SHIELD	-
3	L	-
4	R	-

Terminal No.	Color of Wire	Signal Name
1	R	-
2	L	-

Connector No.	B9
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Color	YELLOW



Terminal No.	Color of Wire	Signal Name
10	Y	P-LH1+
11	BG	P-LH1-
26	L	ODS INPUT
29	GR	LH SEAT BELT BUCKLE SWITCH +
31	Y	S-LH+

Terminal No.	Color of Wire	Signal Name
32	BR	S-LH-
35	B	C-LH1+
36	W	C-LH1-
47	W	LH B-PILLAR SATELLITE SENSOR +
48	B	LH B-PILLAR SATELLITE SENSOR -
55	SHIELD	GND
61	W	LH C-PILLAR SATELLITE SENSOR +
62	B	LH C-PILLAR SATELLITE SENSOR -

Connector No.	B10
Connector Name	FRONT LH SIDE AIR BAG MODULE
Connector Color	YELLOW



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

AAHIA0094GB

SRS AIR BAG SYSTEM

< WIRING DIAGRAM >

Connector No.	B14
Connector Name	FRONT LH SEAT BELT PRE-TENSIONER
Connector Color	YELLOW



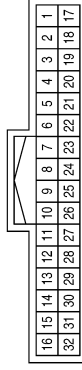
Terminal No.	Color of Wire	Signal Name
1	Y	-
2	BG	-

Connector No.	B15
Connector Name	FRONT SIDE AIR BAG SATELLITE SENSOR LH
Connector Color	YELLOW



Terminal No.	Color of Wire	Signal Name
1	W	-
2	B	-

Connector No.	B32
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
17	L	-
25	BR	-

Connector No.	B38
Connector Name	LH SIDE CURTAIN AIR BAG MODULE
Connector Color	YELLOW



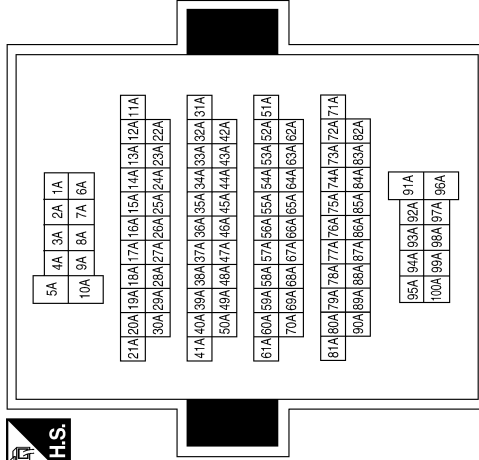
Terminal No.	Color of Wire	Signal Name
1	B	-
2	W	-

Connector No.	B65
Connector Name	JOINT CONNECTOR-B07
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	SHIELD	-
2	B	-
3	SHIELD	-

Connector No.	B69
Connector Name	WIRE TO WIRE
Connector Color	WHITE



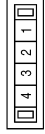
Terminal No.	Color of Wire	Signal Name
31A	BR	-
67A	LG	-

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SRS AIR BAG SYSTEM

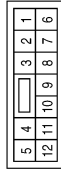
< WIRING DIAGRAM >

Connector No.	B80
Connector Name	JOINT CONNECTOR-B15
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	LG	-
2	LG	-
3	GR	-

Connector No.	B74
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
3	LG	-
4	B	-

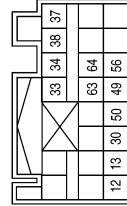
Connector No.	B71
Connector Name	REAR SIDE AIR BAG SATELLITE SENSOR LH
Connector Color	YELLOW



Terminal No.	Color of Wire	Signal Name
1	B	-
2	W	-

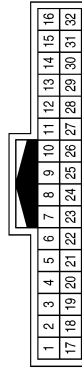
Terminal No.	Color of Wire	Signal Name
34	BR	S-RH-
37	B	C-RH1+
38	W	C-RH1-
49	B	RH B-PILLAR SATELLITE SENSOR +
50	W	RH B-PILLAR SATELLITE SENSOR -
56	SHIELD	GND
63	B	RH C-PILLAR SATELLITE SENSOR +
64	W	RH C-PILLAR SATELLITE SENSOR -

Connector No.	B113
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Color	YELLOW



Terminal No.	Color of Wire	Signal Name
12	W	P-RH1+
13	BG	P-RH1-
30	L	RH SEAT BELT BUCKLE SWITCH +
33	Y	S-RH+

Connector No.	B101
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
19	LG	-

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SRS AIR BAG SYSTEM

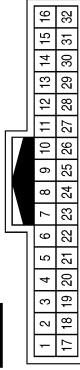
< WIRING DIAGRAM >

Connector No.	B126
Connector Name	FRONT RH SIDE AIR BAG MODULE
Connector Color	YELLOW



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

Connector No.	B124
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
17	Y	-
25	BR	-

Connector No.	B114
Connector Name	FRONT SIDE AIR BAG SATELLITE SENSOR RH
Connector Color	YELLOW



Terminal No.	Color of Wire	Signal Name
1	B	-
2	W	-

Connector No.	B157
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
3	L	-
4	B	-

Connector No.	B128
Connector Name	RH SIDE CURTAIN AIR BAG MODULE
Connector Color	YELLOW



Terminal No.	Color of Wire	Signal Name
1	B	-
2	W	-

Connector No.	B127
Connector Name	FRONT RH SEAT BELT PRE-TENSIONER
Connector Color	YELLOW



Terminal No.	Color of Wire	Signal Name
1	W	-
2	BG	-

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SRS AIR BAG SYSTEM

< WIRING DIAGRAM >

Connector No.	B220
Connector Name	WIRE TO WIRE
Connector Color	WHITE



1	2	3	4	5
6	7	8	9	10
11	12			

Terminal No.	Color of Wire	Signal Name
3	BG	-
4	GR	-

Connector No.	B170
Connector Name	REAR SIDE AIR BAG SATELLITE SENSOR RH
Connector Color	YELLOW



Terminal No.	Color of Wire	Signal Name
1	W	-
2	B	-

Connector No.	B169
Connector Name	JOINT CONNECTOR-B04
Connector Color	WHITE



4	3	2	1
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Terminal No.	Color of Wire	Signal Name
1	SHIELD	-
2	B	-
3	SHIELD	-

Connector No.	B303
Connector Name	SEAT BELT BUCKLE SWITCH (PASSENGER SEAT)
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
3	GR	-
4	BG	-

Connector No.	B300
Connector Name	WIRE TO WIRE
Connector Color	WHITE



1	2	3	4	5
6	7	8	9	10
11	12			

Terminal No.	Color of Wire	Signal Name
3	BG	-
4	GR	-

Connector No.	B221
Connector Name	SEAT BELT BUCKLE SWITCH (DRIVER SEAT)
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
3	GR	-
4	BG	-

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SRS AIR BAG SYSTEM

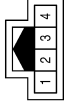
< WIRING DIAGRAM >

Connector No.	B351
Connector Name	OCCUPANT CLASSIFICATION SYSTEM SENSOR FL
Connector Color	BLACK



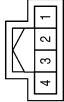
Terminal No.	Color of Wire	Signal Name
1	R/B	-
2	G	-
3	R	-

Connector No.	B350
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	GY	-
2	B	-
3	BR/W	-
4	W	-

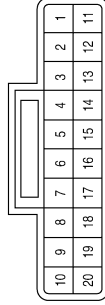
Connector No.	B312
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	BR	-
2	B	-
3	Y	-
4	LG	-

Terminal No.	Color of Wire	Signal Name
9	B	GND
10	-	-
11	-	-
12	Y	OCCUPANT CLASSIFICATION SYSTEM SENSOR FR VCC
13	-	-
14	R	OCCUPANT CLASSIFICATION SYSTEM SENSOR FL VCC
15	SB	OCCUPANT CLASSIFICATION SYSTEM SENSOR FR SIGNAL
16	W/L	OCCUPANT CLASSIFICATION SYSTEM SENSOR FR GND
17	-	-
18	-	-
19	BR/W	ACU COMM
20	-	-

Connector No.	B356
Connector Name	OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT
Connector Color	BLACK



Terminal No.	Color of Wire	Signal Name
1	-	-
2	W	IGN
3	-	-
4	GY	K-LINE
5	-	-
6	-	-
7	R/B	OCCUPANT CLASSIFICATION SYSTEM SENSOR FL GND
8	LG	OCCUPANT CLASSIFICATION SYSTEM SENSOR FL SIGNAL

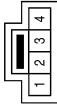
Terminal No.	Color of Wire	Signal Name
1	W/L	-
2	SB	-
3	Y	-

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SRS AIR BAG SYSTEM

< WIRING DIAGRAM >

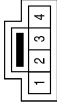
Connector No.	D13
Connector Name	WIRE TO WIRE
Connector Color	YELLOW



Connector No.	D26
Connector Name	FRONT DOOR SATELLITE SENSOR LH
Connector Color	YELLOW



Connector No.	D103
Connector Name	WIRE TO WIRE
Connector Color	YELLOW



Terminal No.	Color of Wire	Signal Name
1	L	-
2	SHIELD	-
3	Y	-

Terminal No.	Color of Wire	Signal Name
1	Y	-
2	L	-

Terminal No.	Color of Wire	Signal Name
1	L	-
2	SHIELD	-
3	Y	-

Connector No.	D126
Connector Name	FRONT DOOR SATELLITE SENSOR RH
Connector Color	YELLOW



Terminal No.	Color of Wire	Signal Name
1	Y	-
2	L	-

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DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

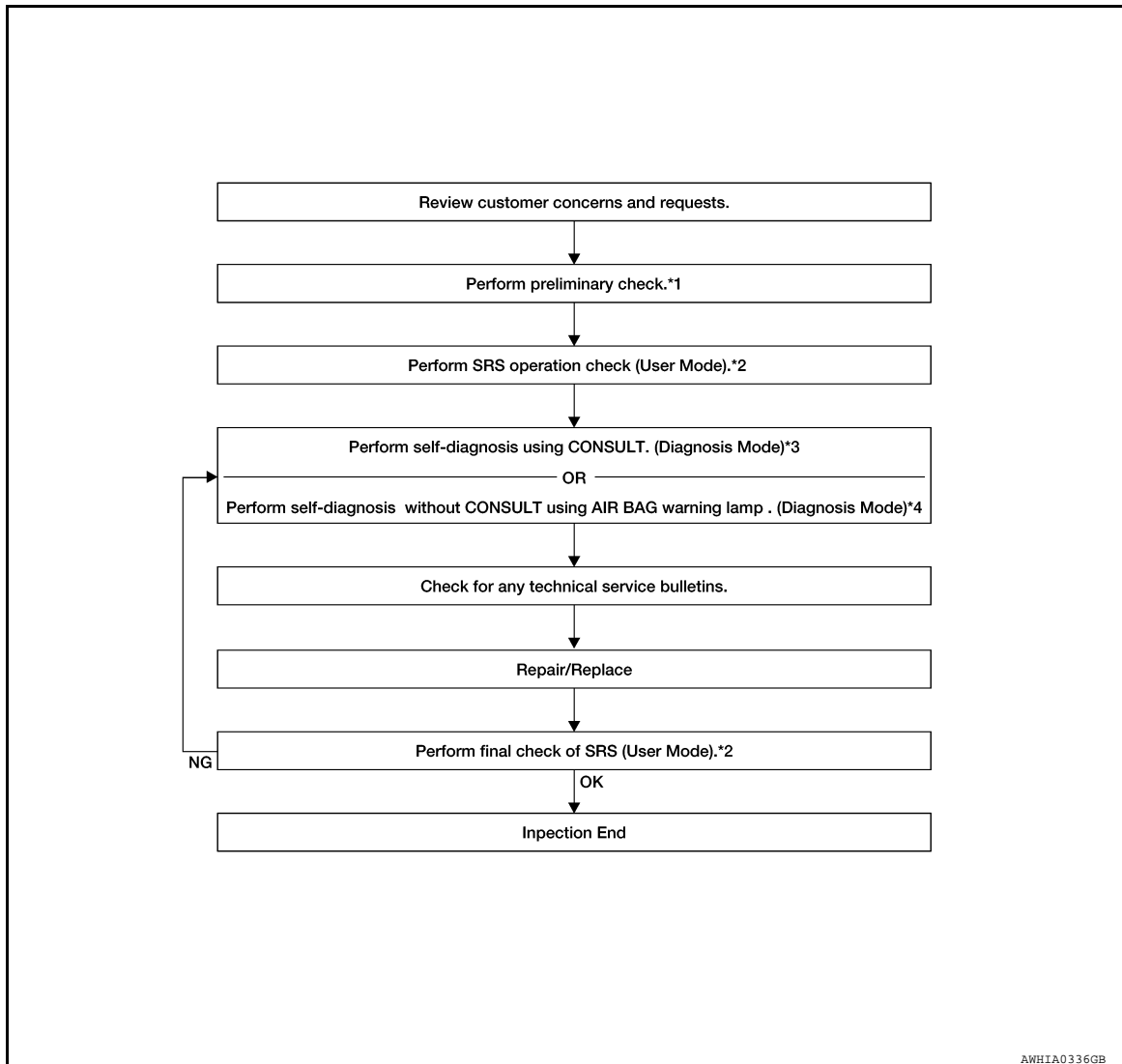
BASIC INSPECTION

DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

INFOID:000000008506631

OVERALL SEQUENCE



*1 [SRC-15. "Diagnosis Description"](#)

*2 [SRC-15. "SRS Operation Check"](#)

*3 [SRC-16. "Trouble Diagnosis with CONSULT"](#)

*4 [SRC-17. "Trouble Diagnosis without CONSULT"](#)

DETAILED WORK FLOW

1.CUSTOMER INFORMATION

Get detailed information from the customer about the symptom.

>> GO TO 2

2.PRELIMINARY CHECK

Perform preliminary check. Refer to [SRC-15. "Diagnosis Description"](#).

DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

>> GO TO 3

3.SRS OPERATION CHECK (USER MODE)

Perform SRS operation check in User Mode. Refer to [SRC-15, "SRS Operation Check"](#).

>> GO TO 4

4.SELF-DIAGNOSIS (DIAGNOSIS MODE)

Perform SELF-DIAGNOSIS. Refer to [SRC-16, "Trouble Diagnosis with CONSULT"](#) or [SRC-17, "Trouble Diagnosis without CONSULT"](#).

>> GO TO 5

5.TECHNICAL SERVICE BULLETINS

Check for technical service bulletins.

>> GO TO 6

6.REPLACE PART

Replace the malfunctioning part.

>> GO TO 7

7.FINAL CHECK

Check SRS using Diagnosis Mode and User Mode.

Does Diagnosis Mode and User Mode indicate SRS normal?

YES >> Inspection End.

NO >> GO TO 4

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SRC

INSPECTION AND ADJUSTMENT

< BASIC INSPECTION >

INSPECTION AND ADJUSTMENT

ADDITIONAL SERVICE WHEN REPLACING CONTROL UNIT

ADDITIONAL SERVICE WHEN REPLACING CONTROL UNIT : Description

INFOID:000000008506632

WARNING:

Always perform zero point reset using CONSULT when removing and installing the front passenger seat or servicing the occupant classification system. If zero point reset is not performed, the OCS may not operate normally, which may increase the risk of serious injury in a collision.

ADDITIONAL SERVICE WHEN REPLACING CONTROL UNIT : Special Repair Requirement

INFOID:000000008506633

WORK PROCEDURE WHEN REPLACING OCS CONTROL UNIT

1.PERFORM ZERO POINT RESET

Perform zero point reset. Refer to [SRC-42, "ZERO POINT RESET : Special Repair Requirement"](#).

>> Inspection End.

ZERO POINT RESET

ZERO POINT RESET : Description

INFOID:000000008506634

Zero point reset is an initializing procedure for the OCS (weight) sensors that must be performed using CONSULT when removing and installing passenger seat or servicing the OCS system. If zero point reset is not performed, the initialization is incomplete and OCS may not operate normally.

NOTE:

- When reinstalling the passenger seat, the initial value for the OCS sensors may change, and the OCS may not operate normally.
- When zero point reset is performed after removal and installation of passenger seat, CONSULT displays "complete".

ZERO POINT RESET : Special Repair Requirement

INFOID:000000008506635

1.PERFORM ZERO POINT RESET

1. Perform preliminary checks:

NOTE:

- Level the vehicle
- Minimize vibrations near the vehicle
- Remove any objects on passenger seat
- Do not touch the vehicle during zero point reset

2. Select START on ZERO POINT RESET from, WORK SUPPORT of "OCCUPANT DETECTION".
3. "Zero point reset" starts.

>> GO TO 2.

2.CONFIRM RESET

1. Check that "Complete" is displayed on "Zero point reset status".

CAUTION:

- "Complete" may be displayed if the seat has been reinstalled, or "zero point reset" has already been performed.
- "Incomplete" may be displayed if a new seat is installed.
- Air bag warning lamp blinks in user mode if zero point reset is "incomplete".

Is zero point reset status "complete"?

- YES >> Print out "ZERO POINT RESET CURRENT STATUS" screen. Inspection end.
NO >> Recheck the preliminary check items and perform zero point reset again.

INTERMITTENT INCIDENT

< BASIC INSPECTION >

INTERMITTENT INCIDENT

Inspection Procedure

INFOID:0000000008506636

INTERMITTENT TROUBLE

An intermittent incident may have occurred in the past but is not being detected currently. This DTC will not be detected on SELF-DIAG [CURRENT], but may be viewed on SELF-DIAG [PAST] if the DTC has not been erased.

Trouble Diagnosis with CONSULT

INFOID:0000000008506637

CHECK SRS REPAIR HISTORY

Refer to [SRC-17, "SRS History Check"](#).

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B1049 – B1052, B1054 – B1057 DRIVER AIRBAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

DTC/CIRCUIT DIAGNOSIS

B1049 – B1052, B1054 – B1057 DRIVER AIRBAG MODULE

Description

INFOID:0000000008506638

DTC B1049 – B1052, B1054 – B1057 DRIVER AIRBAG MODULE

The driver air bag module is dual stage and wired to the air bag diagnosis sensor unit through the spiral cable. The air bag diagnosis sensor unit will monitor for opens and shorts in detected lines to the driver air bag module including the spiral cable.

PART LOCATION

Refer to [SRC-5, "Component Parts Location"](#).

DTC Logic

INFOID:0000000008506639

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
DRIVER AIRBAG MODULE [OPEN]	B1049	Driver air bag module circuit (DR1) is open (including the spiral cable).	<ol style="list-style-type: none">1. Visually check the wiring harness connection.2. Replace the harness if it has visible damage.3. Inspect the spiral cable circuit.4. Replace the air bag diagnosis sensor unit.5. Replace the driver air bag module.6. Replace the related harness.
	B1054	Driver air bag module circuit (DR2) is open (including the spiral cable).	
DRIVER AIRBAG MODULE [VB-SHORT]	B1050	Driver air bag module circuit (DR1) is shorted to a power supply circuit (including the spiral cable).	
	B1055	Driver air bag module circuit (DR2) is shorted to a power supply circuit (including the spiral cable).	
DRIVER AIRBAG MODULE [GND-SHORT]	B1051	Driver air bag module circuit (DR1) is shorted to ground (including the spiral cable).	
	B1056	Driver air bag module circuit (DR2) is shorted to ground (including the spiral cable).	
DRIVER AIRBAG MODULE [SHORT]	B1052	Driver air bag module circuits (DR1) are shorted to each other (including the spiral cable).	
	B1057	Driver air bag module circuits (DR2) are shorted to each other (including the spiral cable).	

Without CONSULT

<Driver air bag module>	
Flash pattern	Repair order
<p>a through d are repeated. d: Two flashes indicate malfunctioning driver air bag module circuits.</p> <p>ON OFF</p> <p>7 sec. 2 sec. 3 sec. 2 sec. 3 sec. 2 sec. 2 flashes 0.5 sec. 2 sec.</p>	<ol style="list-style-type: none">1. Visually check the wiring harness connection.2. Replace the harness if it has visible damage.3. Inspect the spiral cable circuit.4. Replace the air bag diagnosis sensor unit.5. Replace driver air bag module.6. Replace the related harness.

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DTC CONFIRMATION PROCEDURE (With CONSULT)

B1049 – B1052, B1054 – B1057 DRIVER AIRBAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check for the DTC on CONSULT.

Is the DTC detected?

YES >> Refer to [SRC-45. "Diagnosis Procedure"](#).

NO >> Inspection End.

DTC CONFIRMATION PROCEDURE (Without CONSULT)

NOTE:

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

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2

2.IGNITION SWITCH

After air bag warning lamp lights for 7 seconds, turn ignition switch OFF within 1 second.

>> GO TO 3

3.WAIT TIME

Wait more than 3 seconds.

>> GO TO 4

4.REPEAT STEPS

Repeat steps 1 to 3 twice.

>> GO TO 5

5.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 6

6.DIAGNOSTIC MODE

SRS system is now in diagnostic mode and AIR BAG warning lamp flashes. Refer to [SRC-22. "Flash Code Index"](#).

>> END

Diagnosis Procedure

INFOID:0000000008506640

Recheck SRS after each replacement.

1.HARNESS CONNECTOR

Is there any visible damage to the connector?

YES or NO

YES >> Replace the harness.

NO >> GO TO 2.

B1049 – B1052, B1054 – B1057 DRIVER AIRBAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

2. WIRING HARNESS

Is there any visible damage to the harness?

YES or NO

YES >> Replace the harness.

NO >> GO TO 3.

3. CHECK SPIRAL CABLE CIRCUIT

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

Driver air bag module		Spiral cable		Continuity
Connector	Terminal	Connector	Terminal	
M89	9	M53	30	Yes
	12		29	
M87	10		28	
	11		30	

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

Driver air bag module		Ground	Continuity
Connector	Terminal		
M89	9		No
	12		
M87	10		
	11		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace the spiral cable. Refer to [SR-15, "Removal and Installation"](#).

4. AIR BAG DIAGNOSIS SENSOR UNIT

Replace the air bag diagnosis sensor unit. Refer to [SR-27, "Removal and Installation"](#).

>> GO TO 5.

5. DRIVER AIR BAG MODULE

Replace the driver air bag module. Refer to [SR-12, "Removal and Installation"](#).

>> GO TO 6.

6. RELATED HARNESS

Replace the related harness.

>> **END**

B1065 – B1068, B1070 – B1073 PASSENGER AIRBAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

B1065 – B1068, B1070 – B1073 PASSENGER AIRBAG MODULE

Description

INFOID:000000008506641

DTC B1065 – B1068, B1070 – B1073 PASSENGER AIR BAG MODULE

The passenger air bag module is dual stage and wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit will monitor for opens and shorts in detected lines to the passenger air bag module.

PART LOCATION

Refer to [SRC-5, "Component Parts Location"](#).

DTC Logic

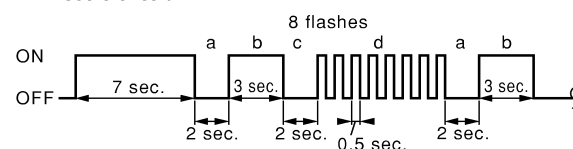
INFOID:000000008506642

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
ASSIST A/B MODULE [OPEN]	B1065	Front passenger air bag module circuit (AS1) is open.	1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the air bag diagnosis sensor unit. 4. Replace the front passenger air bag module. 5. Replace the related harness.
	B1070	Front passenger air bag module circuit (AS2) is open.	
ASSIST A/B MODULE [VB-SHORT]	B1066	Front passenger air bag module circuit (AS1) is shorted to a power supply circuit.	
	B1071	Front passenger air bag module circuit (AS2) is shorted to a power supply circuit.	
ASSIST A/B MODULE [GND-SHORT]	B1067	Front passenger air bag module circuit (AS1) is shorted to ground.	
	B1072	Front passenger air bag module circuit (AS2) is shorted to ground.	
ASSIST A/B MODULE [SHORT]	B1068	Front passenger air bag module circuits (AS1) are shorted to each other.	
	B1073	Front passenger air bag module circuits (AS2) are shorted to each other.	

Without CONSULT

<Front passenger air bag module>	
Flash pattern	Repair order
a through d are repeated. d: Eight flashes indicate malfunctioning front passenger air bag module circuit.	1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the air bag diagnosis sensor unit. 4. Replace front passenger air bag module. 5. Replace the related harness.
	

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DTC CONFIRMATION PROCEDURE (With CONSULT)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check for the DTC on CONSULT.

B1065 – B1068, B1070 – B1073 PASSENGER AIRBAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

Is the DTC detected?

- YES >> Refer to [SRC-48, "Diagnosis Procedure"](#).
NO >> Inspection End.

DTC CONFIRMATION PROCEDURE (Without CONSULT)

NOTE:

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

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2

2.IGNITION SWITCH

After air bag warning lamp lights for 7 seconds, turn ignition switch OFF within 1 second.

>> GO TO 3

3.WAIT TIME

Wait more than 3 seconds.

>> GO TO 4

4.REPEAT STEPS

Repeat steps 1 to 3 twice.

>> GO TO 5

5.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 6

6.DIAGNOSTIC MODE

SRS system is now in diagnostic mode and AIR BAG warning lamp flashes. Refer to [SRC-22, "Flash Code Index"](#).

>> **END**

Diagnosis Procedure

INFOID:000000008506643

Recheck SRS after each replacement.

1.HARNESS CONNECTOR

Is there any visible damage to the connector?

YES or NO

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

2.WIRING HARNESS

Is there any visible damage to the harness?

YES or NO

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

3.AIR BAG DIAGNOSIS SENSOR UNIT

Replace the air bag diagnosis sensor unit. Refer to [SR-27, "Removal and Installation"](#).

B1065 – B1068, B1070 – B1073 PASSENGER AIRBAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 4

4.FRONT PASSENGER AIR BAG MODULE

Replace the front passenger air bag module. Refer to [SR-18. "Removal and Installation"](#).

>> GO TO 5

5.RELATED HARNESS

Replace the related harness.

>> **END**

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B1134 – B1137 SIDE AIRBAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1134 – B1137 SIDE AIRBAG MODULE LH

Description

INFOID:000000008506644

DTC B1134 – B1137 FRONT LH SIDE AIR BAG MODULE

The front LH side air bag module is wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit will monitor for opens and shorts in detected lines to the front LH side air bag module.

PART LOCATION

Refer to [SRC-5, "Component Parts Location"](#).

DTC Logic

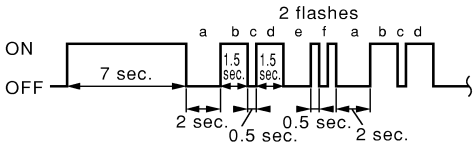
INFOID:000000008506645

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
SIDE MODULE LH [OPEN]	B1134	Front LH side air bag module circuit is open.	<ol style="list-style-type: none">1. Visually check the wiring harness connection.2. Replace the harness if it has visible damage.3. Replace the air bag diagnosis sensor unit.4. Replace the front LH side air bag module.5. Replace the related harness.
SIDE MODULE LH [VB-SHORT]	B1135	Front LH side air bag module circuit is shorted to a power supply circuit.	
SIDE MODULE LH [GND-SHORT]	B1136	Front LH side air bag module circuit is shorted to ground.	
SIDE MODULE LH [SHORT]	B1137	Front LH side air bag module circuits are shorted to each other.	

Without CONSULT

<Front LH side air bag module>	
Flash pattern	Repair order
<p>a through f are repeated. f: Two flashes indicate malfunctioning front LH side air bag module circuit.</p> 	<ol style="list-style-type: none">1. Visually check the wiring harness connection.2. Replace the harness if it has visible damage.3. Replace the air bag diagnosis sensor unit.4. Replace the front LH side air bag module.5. Replace the related harness.

AWHIA0304GB

DTC CONFIRMATION PROCEDURE (With CONSULT)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check for the DTC on CONSULT.

Is the DTC detected?

YES >> Refer to [SRC-51, "Diagnosis Procedure"](#).

NO >> Inspection End.

DTC CONFIRMATION PROCEDURE (Without CONSULT)

NOTE:

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

1.IGNITION SWITCH

B1134 – B1137 SIDE AIRBAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

Turn ignition switch ON.

>> GO TO 2

2.IGNITION SWITCH

After air bag warning lamp lights for 7 seconds, turn ignition switch OFF within 1 second.

>> GO TO 3

3.WAIT TIME

Wait more than 3 seconds.

>> GO TO 4

4.REPEAT STEPS

Repeat steps 1 to 3 twice.

>> GO TO 5

5.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 6

6.DIAGNOSTIC MODE

SRS system is now in diagnostic mode and AIR BAG warning lamp flashes. Refer to [SRC-22, "Flash Code Index"](#).

>> END

Diagnosis Procedure

INFOID:0000000008506646

Recheck SRS after each replacement.

1.HARNESS CONNECTOR

Is there any visible damage to the connector?

YES or NO

YES >> Replace the harness.

NO >> GO TO 2

2.WIRING HARNESS

Is there any visible damage to the harness?

YES or NO

YES >> Replace the harness.

NO >> GO TO 3

3.AIR BAG DIAGNOSIS SENSOR UNIT

Replace the air bag diagnosis sensor unit. Refer to [SR-27, "Removal and Installation"](#).

>> GO TO 4

4.FRONT LH SIDE AIR BAG MODULE

Replace the front LH side air bag module. Refer to [SR-22, "Removal and Installation"](#).

>> GO TO 5

5.RELATED HARNESS

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B1134 – B1137 SIDE AIRBAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

Replace the related harness.

>> **END**

B1129 – B1132 SIDE AIRBAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1129 – B1132 SIDE AIRBAG MODULE RH

Description

INFOID:0000000008506647

DTC B1129 – B1132 FRONT RH SIDE AIR BAG MODULE

The front RH side air bag module is wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit will monitor for opens and shorts in detected lines to the front RH side air bag module.

PART LOCATION

Refer to [SRC-5, "Component Parts Location"](#).

DTC Logic

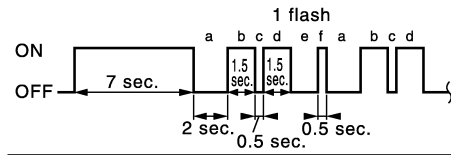
INFOID:0000000008506648

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
SIDE MODULE RH [OPEN]	B1129	Front RH side air bag module circuit is open.	<ol style="list-style-type: none">1. Visually check the wiring harness connection.2. Replace the harness if it has visible damage.3. Replace the air bag diagnosis sensor unit.4. Replace the front RH side air bag module.5. Replace the related harness.
SIDE MODULE RH [VB-SHORT]	B1130	Front RH side air bag module circuit is shorted to a power supply circuit.	
SIDE MODULE RH [GND-SHORT]	B1131	Front RH side air bag module circuit is shorted to ground.	
SIDE MODULE RH [SHORT]	B1132	Front RH side air bag module circuits are shorted to each other.	

Without CONSULT

<Front RH side air bag module>	
Flash pattern	Repair order
<p>a through f are repeated. f: One flash indicate malfunctioning front RH side air bag module circuit.</p> 	<ol style="list-style-type: none">1. Visually check the wiring harness connection.2. Replace the harness if it has visible damage.3. Replace the air bag diagnosis sensor unit.4. Replace the front RH side air bag module.5. Replace the related harness.

DTC CONFIRMATION PROCEDURE (With CONSULT)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check for the DTC on CONSULT.

Is the DTC detected?

YES >> Refer to [SRC-54, "Diagnosis Procedure"](#).

NO >> Inspection End.

DTC CONFIRMATION PROCEDURE (Without CONSULT)

NOTE:

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

1.IGNITION SWITCH

B1129 – B1132 SIDE AIRBAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

Turn ignition switch ON.

>> GO TO 2

2.IGNITION SWITCH

After air bag warning lamp lights for 7 seconds, turn ignition switch OFF within 1 second.

>> GO TO 3

3.WAIT TIME

Wait more than 3 seconds.

>> GO TO 4

4.REPEAT STEPS

Repeat steps 1 to 3 twice.

>> GO TO 5

5.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 6

6.DIAGNOSTIC MODE

SRS system is now in diagnostic mode and AIR BAG warning lamp flashes. Refer to [SRC-22, "Flash Code Index"](#).

>> **END**

Diagnosis Procedure

INFOID:0000000008506649

Recheck SRS after each replacement.

1.HARNESS CONNECTOR

Is there any visible damage to the connector?

YES or NO

YES >> Replace the harness.

NO >> GO TO 2

2.WIRING HARNESS

Is there any visible damage to the harness?

YES or NO

YES >> Replace the harness.

NO >> GO TO 3

3.AIR BAG DIAGNOSIS SENSOR UNIT

Replace the air bag diagnosis sensor unit. Refer to [SR-27, "Removal and Installation"](#).

>> GO TO 4

4.FRONT RH SIDE AIR BAG MODULE

Replace the front RH side air bag module. Refer to [SR-22, "Removal and Installation"](#).

>> GO TO 5

5.RELATED HARNESS

B1129 – B1132 SIDE AIRBAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

Replace the related harness.

>> **END**

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B1150 – B1153 SIDE CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1150 – B1153 SIDE CURTAIN AIR BAG MODULE LH

Description

INFOID:000000008506650

DTC B1150 – B1153 LH SIDE CURTAIN AIR BAG MODULE

The LH side curtain air bag module is wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit will monitor for opens and shorts in detected lines to the LH side curtain air bag module.

PART LOCATION

Refer to [SRC-5, "Component Parts Location"](#).

DTC Logic

INFOID:000000008506651

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
CURTAIN MODULE LH [OPEN]	B1150	LH side curtain air bag module circuit is open.	<ol style="list-style-type: none">1. Visually check the wiring harness connection.2. Replace the harness if it has visible damage.3. Replace the air bag diagnosis sensor unit.4. Replace the LH side curtain air bag module.5. Replace the related harness.
CURTAIN MODULE LH [VB-SHORT]	B1151	LH side curtain air bag module circuit is shorted to a power supply circuit.	
CURTAIN MODULE LH [GND-SHORT]	B1152	LH side curtain air bag module circuit is shorted to ground.	
CURTAIN MODULE LH [SHORT]	B1153	LH side curtain air bag module circuits are shorted to each other.	

Without CONSULT

<LH side curtain air bag module>	
Flash pattern	Repair order
<p>a through f are repeated. f: Six flashes indicate malfunctioning LH side curtain air bag module circuit.</p> <p>6 flashes</p> <p>ON OFF</p> <p>7 sec.</p> <p>1.5 sec. 1.5 sec. 1.5 sec. 1.5 sec. 1.5 sec.</p> <p>2 sec. 2 sec. 2 sec. 2 sec.</p> <p>0.5 sec. 0.5 sec.</p>	<ol style="list-style-type: none">1. Visually check the wiring harness connection.2. Replace the harness if it has visible damage.3. Replace the air bag diagnosis sensor unit.4. Replace LH side curtain air bag module.5. Replace the related harness.

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DTC CONFIRMATION PROCEDURE (With CONSULT)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check for the DTC on CONSULT.

Is the DTC detected?

YES >> Refer to [SRC-57, "Diagnosis Procedure"](#).

NO >> Inspection End.

DTC CONFIRMATION PROCEDURE (Without CONSULT)

NOTE:

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

1.IGNITION SWITCH

B1150 – B1153 SIDE CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

Turn ignition switch ON.

>> GO TO 2

2.IGNITION SWITCH

After air bag warning lamp lights for 7 seconds, turn ignition switch OFF within 1 second.

>> GO TO 3

3.WAIT TIME

Wait more than 3 seconds.

>> GO TO 4

4.REPEAT STEPS

Repeat steps 1 to 3 twice.

>> GO TO 5

5.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 6

6.DIAGNOSTIC MODE

SRS system is now in diagnostic mode and AIR BAG warning lamp flashes. Refer to [SRC-22, "Flash Code Index"](#).

>> END

Diagnosis Procedure

INFOID:0000000008506652

Recheck SRS after each replacement.

1.HARNESS CONNECTOR

Is there any visible damage to the connector?

YES or NO

YES >> Replace the harness.

NO >> GO TO 2

2.WIRING HARNESS

Is there any visible damage to the harness?

YES or NO

YES >> Replace the harness.

NO >> GO TO 3

3.AIR BAG DIAGNOSIS SENSOR UNIT

Replace the air bag diagnosis sensor unit. Refer to [SR-27, "Removal and Installation"](#).

>> GO TO 4

4.LH SIDE CURTAIN AIR BAG MODULE

Replace the LH side curtain air bag module. Refer to [SR-20, "Removal and Installation"](#).

>> GO TO 5

5.RELATED HARNESS

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B1150 – B1153 SIDE CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

Replace the related harness.

>> **END**

B1145 – B1148 SIDE CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1145 – B1148 SIDE CURTAIN AIR BAG MODULE RH

Description

INFOID:0000000008506653

DTC B1145 – B1148 RH SIDE CURTAIN AIR BAG MODULE

The RH side curtain air bag module is wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit will monitor for opens and shorts in detected lines to the RH side curtain air bag module.

PART LOCATION

Refer to [SRC-5, "Component Parts Location"](#).

DTC Logic

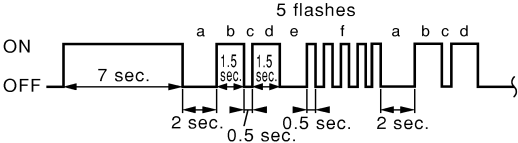
INFOID:0000000008506654

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
CURTAIN MODULE RH [OPEN]	B1145	RH side curtain air bag module circuit is open.	<ol style="list-style-type: none">1. Visually check the wiring harness connection.2. Replace the harness if it has visible damage.3. Replace the air bag diagnosis sensor unit.4. Replace the RH side curtain air bag module.5. Replace the related harness.
CURTAIN MODULE RH [VB-SHORT]	B1146	RH side curtain air bag module circuit is shorted to a power supply circuit.	
CURTAIN MODULE RH [GND-SHORT]	B1147	RH side curtain air bag module circuit is shorted to ground.	
CURTAIN MODULE RH [SHORT]	B1148	RH side curtain air bag module circuits are shorted to each other.	

Without CONSULT

<RH side curtain air bag module>	
Flash pattern	Repair order
a through f are repeated. f: Five flashes indicate malfunctioning RH side curtain air bag module circuit.	
	<ol style="list-style-type: none">1. Visually check the wiring harness connection.2. Replace the harness if it has visible damage.3. Replace the air bag diagnosis sensor unit.4. Replace RH side curtain air bag module.5. Replace the related harness.

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DTC CONFIRMATION PROCEDURE (With CONSULT)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check for the DTC on CONSULT.

Is the DTC detected?

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

NO >> Inspection End.

DTC CONFIRMATION PROCEDURE (Without CONSULT)

NOTE:

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

1.IGNITION SWITCH

B1145 – B1148 SIDE CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

Turn ignition switch ON.

>> GO TO 2

2.IGNITION SWITCH

After air bag warning lamp lights for 7 seconds, turn ignition switch OFF within 1 second.

>> GO TO 3

3.WAIT TIME

Wait more than 3 seconds.

>> GO TO 4

4.REPEAT STEPS

Repeat steps 1 to 3 twice.

>> GO TO 5

5.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 6

6.DIAGNOSTIC MODE

SRS system is now in diagnostic mode and AIR BAG warning lamp flashes. Refer to [SRC-22, "Flash Code Index"](#).

>> **END**

Diagnosis Procedure

INFOID:0000000008506655

Recheck SRS after each replacement.

1.HARNESS CONNECTOR

Is there any visible damage to the connector?

YES or NO

YES >> Replace the harness.

NO >> GO TO 2

2.WIRING HARNESS

Is there any visible damage to the harness?

YES or NO

YES >> Replace the harness.

NO >> GO TO 3

3.AIR BAG DIAGNOSIS SENSOR UNIT

Replace the air bag diagnosis sensor unit. Refer to [SR-27, "Removal and Installation"](#).

>> GO TO 4

4.RH SIDE CURTAIN AIR BAG MODULE

Replace the RH side curtain air bag module. Refer to [SR-20, "Removal and Installation"](#).

>> GO TO 5

5.RELATED HARNESS

B1145 – B1148 SIDE CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

Replace the related harness.

>> **END**

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B1086 – B1089 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1086 – B1089 SEAT BELT PRE-TENSIONER LH

Description

INFOID:000000008506656

DTC B1086 – B1089 SEAT BELT PRE-TENSIONER LH

The seat belt pre-tensioner LH is wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit will monitor for opens and shorts in detected lines to the seat belt pre-tensioner LH.

PART LOCATION

Refer to [SRC-5, "Component Parts Location"](#).

DTC Logic

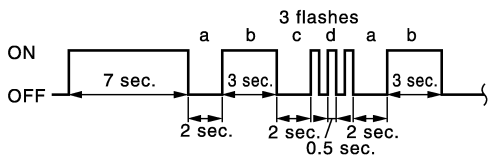
INFOID:000000008506657

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
PRE-TEN FRONT LH [OPEN]	B1086	LH seat belt pre-tensioner circuit is open.	<ol style="list-style-type: none">1. Visually check the wiring harness connection.2. Replace the harness if it has visible damage.3. Replace the front LH seat belt pre-tensioner.4. Replace the air bag diagnosis sensor unit.5. Replace the related harness.
PRE-TEN FRONT LH [VB-SHORT]	B1087	LH seat belt pre-tensioner circuit is shorted to a power supply circuit.	
PRE-TEN FRONT LH [GND-SHORT]	B1088	LH seat belt pre-tensioner circuit is shorted to ground.	
PRE-TEN FRONT LH [SHORT]	B1089	LH seat belt pre-tensioner circuits are shorted to each other.	

Without CONSULT

<Front LH seat belt pre-tensioner>	
Flash pattern	Repair order
<p>a through d are repeated. d: Three flashes indicate malfunctioning front LH seat belt pre-tensioner circuit.</p> 	<ol style="list-style-type: none">1. Visually check the wiring harness connections.2. Replace the harness if it has visible damage.3. Replace front LH seat belt pre-tensioner.4. Replace the air bag diagnosis sensor unit.5. Replace the related harness.

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DTC CONFIRMATION PROCEDURE (With CONSULT)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check for the DTC on CONSULT.

Is the DTC detected?

YES >> Refer to [SRC-63, "Diagnosis Procedure"](#).

NO >> Inspection End.

DTC CONFIRMATION PROCEDURE (Without CONSULT)

NOTE:

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

1.IGNITION SWITCH

B1086 – B1089 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

Turn ignition switch ON.

>> GO TO 2

2.IGNITION SWITCH

After air bag warning lamp lights for 7 seconds, turn ignition switch OFF within 1 second.

>> GO TO 3

3.WAIT TIME

Wait more than 3 seconds.

>> GO TO 4

4.REPEAT STEPS

Repeat steps 1 to 3 twice.

>> GO TO 5

5.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 6

6.DIAGNOSTIC MODE

SRS system is now in diagnostic mode and AIR BAG warning lamp flashes. Refer to [SRC-22, "Flash Code Index"](#).

>> Inspection End.

Diagnosis Procedure

INFOID:0000000008506658

Recheck SRS after each replacement.

1.HARNESS CONNECTOR

Is there any visible damage to the connector?

YES or NO

YES >> Replace the harness.

NO >> GO TO 2

2.WIRING HARNESS

Is there any visible damage to the harness?

YES or NO

YES >> Replace the harness.

NO >> GO TO 3

3.FRONT LH SEAT BELT PRE-TENSIONER

Replace the front LH seat belt pre-tensioner. Refer to [SR-29, "Removal and Installation"](#).

>> GO TO 4

4.AIR BAG DIAGNOSIS SENSOR UNIT

Replace the air bag diagnosis sensor unit. Refer to [SR-27, "Removal and Installation"](#).

>> GO TO 5

5.RELATED HARNESS

B1086 – B1089 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

Replace the related harness.

>> Inspection End.

B1081 – B1084 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

B1081 – B1084 SEAT BELT PRE-TENSIONER RH

Description

INFOID:0000000008506659

DTC B1081 – B1084 SEAT BELT PRE-TENSIONER RH

The seat belt pre-tensioner RH is wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit will monitor for opens and shorts in detected lines to the seat belt pre-tensioner RH.

PART LOCATION

Refer to [SRC-5, "Component Parts Location"](#).

DTC Logic

INFOID:0000000008506660

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
PRE-TEN FRONT RH [OPEN]	B1081	RH seat belt pre-tensioner circuit is open.	<ol style="list-style-type: none">1. Visually check the wiring harness connection.2. Replace the harness if it has visible damage.3. Replace the front RH seat belt pre-tensioner.4. Replace the air bag diagnosis sensor unit.5. Replace the related harness.
PRE-TEN FRONT RH [VB-SHORT]	B1082	RH seat belt pre-tensioner circuit is shorted to a power supply circuit.	
PRE-TEN FRONT RH [GND-SHORT]	B1083	RH seat belt pre-tensioner circuit is shorted to ground.	
PRE-TEN FRONT RH [SHORT]	B1084	RH seat belt pre-tensioner circuits are shorted to each other.	

Without CONSULT

<Front RH seat belt pre-tensioner>	
Flash pattern	Repair order
<p>a through d are repeated. d: One flash indicates malfunctioning front RH seat belt pre-tensioner circuit.</p> <p>ON OFF</p> <p>7 sec. 3 sec. 2 sec. 1 flash 0.5 sec. 2 sec. 3 sec. 2 sec. 3 sec.</p>	<ol style="list-style-type: none">1. Visually check the wiring harness connections.2. Replace the harness if it has visible damage.3. Replace front RH seat belt pre-tensioner.4. Replace the air bag diagnosis sensor unit.5. Replace the related harness.

DTC CONFIRMATION PROCEDURE (With CONSULT)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check for the DTC on CONSULT.

Is the DTC detected?

YES >> Refer to [SRC-66, "Diagnosis Procedure"](#).

NO >> Inspection End.

DTC CONFIRMATION PROCEDURE (Without CONSULT)

NOTE:

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

1.IGNITION SWITCH

B1081 – B1084 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

Turn ignition switch ON.

>> GO TO 2

2.IGNITION SWITCH

After air bag warning lamp lights for 7 seconds, turn ignition switch OFF within 1 second.

>> GO TO 3

3.WAIT TIME

Wait more than 3 seconds.

>> GO TO 4

4.REPEAT STEPS

Repeat steps 1 to 3 twice.

>> GO TO 5

5.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 6

6.DIAGNOSTIC MODE

SRS system is now in diagnostic mode and AIR BAG warning lamp flashes. Refer to [SRC-22, "Flash Code Index"](#).

>> Inspection End.

Diagnosis Procedure

INFOID:0000000008506661

Recheck SRS after each replacement.

1.HARNESS CONNECTOR

Is there any visible damage to the connector?

YES or NO

YES >> Replace the harness.

NO >> GO TO 2

2.WIRING HARNESS

Is there any visible damage to the harness?

YES or NO

YES >> Replace the harness.

NO >> GO TO 3

3.FRONT RH SEAT BELT PRE-TENSIONER

Replace the front RH seat belt pre-tensioner. Refer to [SR-29, "Removal and Installation"](#).

>> GO TO 4

4.AIR BAG DIAGNOSIS SENSOR UNIT

Replace the air bag diagnosis sensor unit. Refer to [SR-27, "Removal and Installation"](#).

>> GO TO 5

5.RELATED HARNESS

B1081 – B1084 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

Replace the related harness.

>> Inspection End.

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B1033 – B1035 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

B1033 – B1035 CRASH ZONE SENSOR

Description

INFOID:000000008506662

DTC B1033 – B1035 CRASH ZONE SENSOR

The crash zone sensor is wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit will monitor for opens and shorts in detected lines to the crash zone sensor.

PART LOCATION

Refer to [SRC-5, "Component Parts Location"](#).

DTC Logic

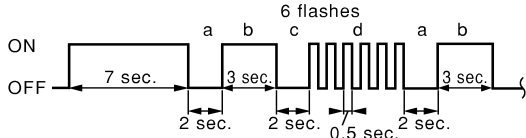
INFOID:000000008506663

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
CRASH ZONE SEN [UNIT FAIL]	B1033	Crash zone sensor has malfunctioned.	1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the crash zone sensor.
	B1034		
CRASH ZONE SEN [COMM FAIL]	B1035	Crash zone sensor communication error.	4. Replace the air bag diagnosis sensor unit. 5. Replace the related harness.

Without CONSULT

<Crash zone sensor>	
Flash pattern	Repair order
a through d are repeated. d: Six flashes indicate malfunctioning crash zone sensor circuit.	1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the crash zone sensor. 4. Replace the air bag diagnosis sensor unit. 5. Replace the related harness.
	

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DTC CONFIRMATION PROCEDURE (With CONSULT)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check for the DTC on CONSULT.

Is the DTC detected?

- YES >> Refer to [SRC-69, "Diagnosis Procedure"](#).
NO >> Inspection End.

DTC CONFIRMATION PROCEDURE (Without CONSULT)

NOTE:

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

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2

B1033 – B1035 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

2.IGNITION SWITCH

After air bag warning lamp lights for 7 seconds, turn ignition switch OFF within 1 second.

>> GO TO 3

3.WAIT TIME

Wait more than 3 seconds.

>> GO TO 4

4.REPEAT STEPS

Repeat steps 1 to 3 twice.

>> GO TO 5

5.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 6

6.DIAGNOSTIC MODE

SRS system is now in diagnostic mode and AIR BAG warning lamp flashes. Refer to [SRC-22. "Flash Code Index"](#).

>> Inspection End.

Diagnosis Procedure

INFOID:000000008506664

Recheck SRS after each replacement.

1.HARNESS CONNECTOR

Is there any visible damage to the connector?

YES or NO

YES >> Replace the harness.

NO >> GO TO 2

2.WIRING HARNESS

Is there any visible damage to the harness?

YES or NO

YES >> Replace the harness.

NO >> GO TO 3

3.CRASH ZONE SENSOR

Replace the crash zone sensor. Refer to [SR-23. "Removal and Installation"](#).

>> GO TO 4

4.AIR BAG DIAGNOSIS SENSOR UNIT

Replace the air bag diagnosis sensor unit. Refer to [SR-27. "Removal and Installation"](#).

>> GO TO 5

5.RELATED HARNESS

Replace the related harness.

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B1033 – B1035 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

>> Inspection End.

B1118 - B1121 FRONT SIDE AIR BAG SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

B1118 - B1121 FRONT SIDE AIR BAG SATELLITE SENSOR LH

Description

INFOID:0000000008506665

DTC B1118 – B1121 FRONT SATELLITE SENSOR LH

The front side air bag satellite sensor LH is wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit will monitor the front side air bag satellite sensor LH for internal failures and its circuits for communication errors.

PART LOCATION

Refer to [SRC-5, "Component Parts Location"](#).

DTC Logic

INFOID:0000000008506666

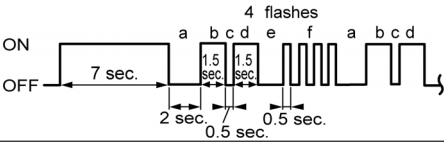
DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
SATELLITE SENS LH [UNIT FAIL]	B1118	Front side air bag satellite sensor LH has malfunctioned.	<ol style="list-style-type: none">1. Visually check the wiring harness connection.2. Replace the harness if it has visible damage.3. Replace the front side air bag satellite sensor LH.4. Replace the air bag diagnosis sensor unit.5. Replace the related harness.
	B1119		
SATELLITE SENS LH [COMM FAIL]	B1120	Front side air bag satellite sensor LH communication error.	
SATELLITE SENS LH [UNMATCH]	B1121	Front side air bag satellite sensor LH is out of specification.	

SRC

Without CONSULT

<Front side air bag satellite sensor LH>	
Flash pattern	Repair order
a through f are repeated. f.Four flashes indicate malfunctioning front side air bag satellite sensor LH	<ol style="list-style-type: none">1. Visually check the wiring harness connection.2. Replace the harness if it has visible damage.3. Replace the front side air bag satellite sensor LH.4. Replace the air bag diagnosis sensor unit.5. Replace the related harness.
	

AWHIA0394GB

DTC CONFIRMATION PROCEDURE (With CONSULT)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check for the DTC on CONSULT.

Is the DTC detected?

YES >> Refer to [SRC-72, "Diagnosis Procedure"](#).

NO >> Inspection End.

DTC CONFIRMATION PROCEDURE (Without CONSULT)

NOTE:

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

1.IGNITION SWITCH

B1118 - B1121 FRONT SIDE AIR BAG SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

Turn ignition switch ON.

>> GO TO 2

2.IGNITION SWITCH

After air bag warning lamp lights for 7 seconds, turn ignition switch OFF within 1 second.

>> GO TO 3

3.WAIT TIME

Wait more than 3 seconds.

>> GO TO 4

4.REPEAT STEPS

Repeat steps 1 to 3 twice.

>> GO TO 5

5.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 6

6.DIAGNOSTIC MODE

SRS system is now in diagnostic mode and AIR BAG warning lamp flashes. Refer to [SRC-22, "Flash Code Index"](#).

>> Inspection End.

Diagnosis Procedure

INFOID:0000000008506667

Recheck SRS after each replacement.

1.HARNESS CONNECTOR

Is there any visible damage to the connector?

YES or NO

YES >> Replace the harness.

NO >> GO TO 2

2.WIRING HARNESS

Is there any visible damage to the harness?

YES or NO

YES >> Replace the harness.

NO >> GO TO 3

3.FRONT SIDE AIR BAG SATELLITE SENSOR LH

Replace the front side air bag satellite sensor LH. Refer to [SR-25, "Removal and Installation"](#).

>> GO TO 4

4.AIR BAG DIAGNOSIS SENSOR UNIT

Replace the air bag diagnosis sensor unit. Refer to [SR-27, "Removal and Installation"](#).

>> GO TO 5

5.RELATED HARNESS

B1118 - B1121 FRONT SIDE AIR BAG SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

Replace the related harness.

>> Inspection End.

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B1113 - B1116 FRONT SIDE AIR BAG SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

B1113 - B1116 FRONT SIDE AIR BAG SATELLITE SENSOR RH

Description

INFOID:000000008506668

DTC B1113 – B1116 FRONT SATELLITE SENSOR RH

The front side air bag satellite sensor RH is wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit will monitor the front side air bag satellite sensor RH for internal failures and its circuits for communication errors.

PART LOCATION

Refer to [SRC-5. "Component Parts Location"](#).

DTC Logic

INFOID:000000008506669

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
SATELLITE SENS RH [UNIT FAIL]	B1113	Front side air bag satellite sensor RH has malfunctioned.	<ol style="list-style-type: none">1. Visually check the wiring harness connection.2. Replace the harness if it has visible damage.3. Replace the front side air bag satellite sensor RH.4. Replace the air bag diagnosis sensor unit.5. Replace the related harness.
	B1114		
SATELLITE SENS RH [COMM FAIL]	B1115	Front side air bag satellite sensor RH communication error.	
SATELLITE SENS RH [UNMATCH]	B1116	Front side air bag satellite sensor RH is out of specification.	

Without CONSULT

<Front side air bag satellite sensor RH>	
Flash pattern	Repair order
<p>a through f are repeated. f: Three flashes indicate malfunctioning front side air bag satellite sensor RH.</p> <p>3 flashes</p>	<ol style="list-style-type: none">1. Visually check the wiring harness connection.2. Replace the harness if it has visible damage.3. Replace the front side air bag satellite sensor RH4. Replace the air bag diagnosis sensor unit.5. Replace the related harness.

AWHIA0395GB

DTC CONFIRMATION PROCEDURE (With CONSULT)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check for the DTC on CONSULT.

Is the DTC detected?

- YES >> Refer to [SRC-75. "Diagnosis Procedure"](#).
NO >> Inspection End.

DTC CONFIRMATION PROCEDURE (Without CONSULT)

NOTE:

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

1.IGNITION SWITCH

B1113 - B1116 FRONT SIDE AIR BAG SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

Turn ignition switch ON.

>> GO TO 2

2.IGNITION SWITCH

After air bag warning lamp lights for 7 seconds, turn ignition switch OFF within 1 second.

>> GO TO 3

3.WAIT TIME

Wait more than 3 seconds.

>> GO TO 4

4.REPEAT STEPS

Repeat steps 1 to 3 twice.

>> GO TO 5

5.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 6

6.DIAGNOSTIC MODE

SRS system is now in diagnostic mode and AIR BAG warning lamp flashes. Refer to [SRC-22. "Flash Code Index"](#).

>> Inspection End.

Diagnosis Procedure

INFOID:0000000008506670

Recheck SRS after each replacement.

1.HARNESS CONNECTOR

Is there any visible damage to the connector?

YES or NO

YES >> Replace the harness.

NO >> GO TO 2

2.WIRING HARNESS

Is there any visible damage to the harness?

YES or NO

YES >> Replace the harness.

NO >> GO TO 3

3.FRONT SIDE AIR BAG SATELLITE SENSOR RH

Replace the front side air bag satellite sensor RH. Refer to [SR-25. "Removal and Installation"](#).

>> GO TO 4

4.AIR BAG DIAGNOSIS SENSOR UNIT

Replace the air bag diagnosis sensor unit. Refer to [SR-27. "Removal and Installation"](#).

>> GO TO 5

5.RELATED HARNESS

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B1113 - B1116 FRONT SIDE AIR BAG SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

Replace the related harness.

>> Inspection End.

B1311, B1313 - B1317 REAR SIDE AIR BAG SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

B1311, B1313 - B1317 REAR SIDE AIR BAG SATELLITE SENSOR LH

Description

INFOID:000000008506671

DTC B1311, B1313 – B1317 REAR SATELLITE SENSOR LH

The rear side air bag satellite sensor LH is wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit will monitor the rear side air bag satellite sensor LH for internal failures and its circuits for communication errors.

PART LOCATION

Refer to [SRC-5, "Component Parts Location"](#).

DTC Logic

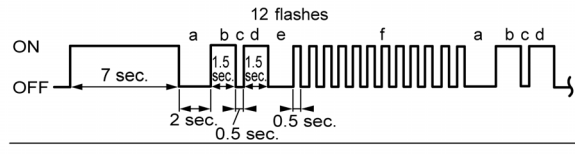
INFOID:000000008506672

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
SATELLITE SENS LH [UNIT MALF]	B1311	Rear side air bag satellite sensor LH is malfunctioning.	1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage.
SATELLITE SENS LH [COMM MALF]	B1313	Rear side air bag satellite sensor LH is malfunctioning.	3. Replace the rear side air bag satellite sensor LH.
	B1315		4. Replace the air bag diagnosis sensor unit.
	B1316		5. Replace the related harness.
	B1317		
SATELLITE SENS LH [UNMATCH]	B1314	Rear side air bag satellite sensor LH is out of the specified specification.	

Without CONSULT

<Rear side air bag satellite sensor LH>	
Flash pattern	Repair order
a through f are repeated. f. Twelve flashes indicate malfunctioning rear side air bag satellite sensor LH	1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the rear side air bag satellite sensor LH. 4. Replace the air bag diagnosis sensor unit. 5. Replace the related harness.
	

AWHIA0396GB

DTC CONFIRMATION PROCEDURE (With CONSULT)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check for the DTC on CONSULT.

Is the DTC detected?

YES >> Refer to [SRC-78, "Diagnosis Procedure"](#).

NO >> Inspection End.

DTC CONFIRMATION PROCEDURE (Without CONSULT)

NOTE:

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

B1311, B1313 - B1317 REAR SIDE AIR BAG SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2

2.IGNITION SWITCH

After air bag warning lamp lights for 7 seconds, turn ignition switch OFF within 1 second.

>> GO TO 3

3.WAIT TIME

Wait more than 3 seconds.

>> GO TO 4

4.REPEAT STEPS

Repeat steps 1 to 3 twice.

>> GO TO 5

5.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 6

6.DIAGNOSTIC MODE

SRS system is now in diagnostic mode and AIR BAG warning lamp flashes. Refer to [SRC-22, "Flash Code Index"](#).

>> Inspection End.

Diagnosis Procedure

INFOID:0000000008506673

Recheck SRS after each replacement.

1.HARNESS CONNECTOR

Is there any visible damage to the connector?

YES or NO

YES >> Replace the harness.

NO >> GO TO 2

2.WIRING HARNESS

Is there any visible damage to the harness?

YES or NO

YES >> Replace the harness.

NO >> GO TO 3

3.REAR SIDE AIR BAG SATELLITE SENSOR LH

Replace the rear side air bag satellite sensor LH. Refer to [SR-25, "Removal and Installation"](#).

>> GO TO 4

4.AIR BAG DIAGNOSIS SENSOR UNIT

Replace the air bag diagnosis sensor unit. Refer to [SR-27, "Removal and Installation"](#).

B1311, B1313 - B1317 REAR SIDE AIR BAG SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 5

5.RELATED HARNESS

Replace the related harness.

>> Inspection End.

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B1304, B1306 - B1310 REAR SIDE AIR BAG SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

B1304, B1306 - B1310 REAR SIDE AIR BAG SATELLITE SENSOR RH

Description

INFOID:000000008506674

DTC B1304, B1306 – B1310 REAR SATELLITE SENSOR RH

The rear side air bag satellite sensor RH is wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit will monitor the rear side air bag satellite sensor RH for internal failures and its circuits for communication errors.

PART LOCATION

Refer to [SRC-5. "Component Parts Location"](#).

DTC Logic

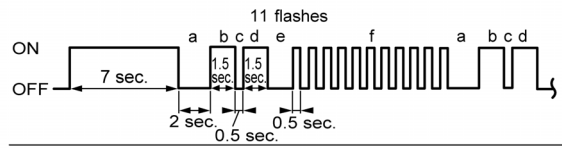
INFOID:000000008506675

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order		
SATELLITE SENS RH [UNIT MALF]	B1304	Rear side air bag satellite sensor RH is malfunctioning.	<div>1. Visually check the wiring harness connection.</div> <div>2. Replace the harness if it has visible damage.</div> <div>3. Replace the rear side air bag satellite sensor RH.</div> <div>4. Replace the air bag diagnosis sensor unit.</div> <div>5. Replace the related harness.</div>		
SATELLITE SENS RH [COMM MALF]	B1306	Rear side air bag satellite sensor RH is malfunctioning.			
	B1308				
	B1309				
	B1310				
SATELLITE SENS RH [UNMATCH]	B1307	Rear side air bag satellite sensor RH is out of the specified specification.			

Without CONSULT

<Rear side air bag satellite sensor RH>	
Flash pattern	Repair order
<p>a through f are repeated. f. Eleven flashes indicate malfunctioning rear side air bag satellite sensor RH</p> 	<ol style="list-style-type: none">1. Visually check the wiring harness connection.2. Replace the harness if it has visible damage.3. Replace the rear side air bag satellite sensor RH.4. Replace the air bag diagnosis sensor unit.5. Replace the related harness.

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DTC CONFIRMATION PROCEDURE (With CONSULT)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check for the DTC on CONSULT.

Is the DTC detected?

YES >> Refer to [SRC-81. "Diagnosis Procedure"](#).

NO >> Inspection End.

DTC CONFIRMATION PROCEDURE (Without CONSULT)

NOTE:

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

B1304, B1306 - B1310 REAR SIDE AIR BAG SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2

2.IGNITION SWITCH

After air bag warning lamp lights for 7 seconds, turn ignition switch OFF within 1 second.

>> GO TO 3

3.WAIT TIME

Wait more than 3 seconds.

>> GO TO 4

4.REPEAT STEPS

Repeat steps 1 to 3 twice.

>> GO TO 5

5.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 6

6.DIAGNOSTIC MODE

SRS system is now in diagnostic mode and AIR BAG warning lamp flashes. Refer to [SRC-22. "Flash Code Index"](#).

>> Inspection End.

Diagnosis Procedure

INFOID:000000008506676

Recheck SRS after each replacement.

1.HARNESS CONNECTOR

Is there any visible damage to the connector?

YES or NO

YES >> Replace the harness.

NO >> GO TO 2

2.WIRING HARNESS

Is there any visible damage to the harness?

YES or NO

YES >> Replace the harness.

NO >> GO TO 3

3.REAR SIDE AIR BAG SATELLITE SENSOR RH

Replace the rear side air bag satellite sensor RH. Refer to [SR-25. "Removal and Installation"](#).

>> GO TO 4

4.AIR BAG DIAGNOSIS SENSOR UNIT

Replace the air bag diagnosis sensor unit. Refer to [SR-27. "Removal and Installation"](#).

B1304, B1306 - B1310 REAR SIDE AIR BAG SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 5

5.RELATED HARNESS

Replace the related harness.

>> Inspection End.

B1343 - B1349 FRONT DOOR SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

B1343 - B1349 FRONT DOOR SATELLITE SENSOR LH

Description

INFOID:0000000008506677

DTC B1343 – B1349 FRONT DOOR SATELLITE SENSOR LH

The front door satellite sensor LH is wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit will monitor the front door satellite sensor LH for internal failures and its circuits for communication errors.

PART LOCATION

Refer to [SRC-5, "Component Parts Location"](#).

DTC Logic

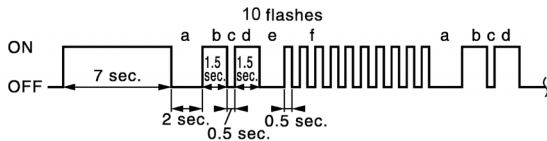
INFOID:0000000008506678

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order	
FR-LH DOOR SATEL SENS [SENSOR MALFUNCTION]	B1343	Front door satellite sensor LH has malfunctioned.	1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the front door satellite sensor LH. 4. Replace the air bag diagnosis sensor unit. 5. Replace the related harness.	
	B1344			
FR-LH DOOR SATEL SENS [COMM MALFUNCTION]	B1345	Front door satellite sensor LH communication error.		
	B1347			
	B1348			
	B1349			
FR-LH DOOR SATEL SENS [MIS-INSTALLATION]	B1346	Front door satellite sensor LH is out of specification.		

Without CONSULT

<Front door satellite sensor LH>	
Flash pattern	Repair order
a through f are repeated. f: Ten flashes indicate malfunctioning front door satellite sensor LH.	
	<ol style="list-style-type: none">1. Visually check the wiring harness connection.2. Replace the harness if it has visible damage.3. Replace the front door satellite sensor LH.4. Replace the air bag diagnosis sensor unit.5. Replace the related harness.

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DTC CONFIRMATION PROCEDURE (With CONSULT)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check for the DTC on CONSULT.

Is the DTC detected?

YES >> Refer to [SRC-84, "Diagnosis Procedure"](#).

NO >> Inspection End.

DTC CONFIRMATION PROCEDURE (Without CONSULT)

NOTE:

B1343 - B1349 FRONT DOOR SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

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

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2

2.IGNITION SWITCH

After air bag warning lamp lights for 7 seconds, turn ignition switch OFF within 1 second.

>> GO TO 3

3.WAIT TIME

Wait more than 3 seconds.

>> GO TO 4

4.REPEAT STEPS

Repeat steps 1 to 3 twice.

>> GO TO 5

5.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 6

6.DIAGNOSTIC MODE

SRS system is now in diagnostic mode and AIR BAG warning lamp flashes. Refer to [SRC-22, "Flash Code Index"](#).

>> **END**

Diagnosis Procedure

INFOID:000000008506679

Recheck SRS after each replacement.

1.HARNESS CONNECTOR

Is there any visible damage to the connector?

YES or NO

YES >> Replace the harness.

NO >> GO TO 2

2.WIRING HARNESS

Is there any visible damage to the harness?

YES or NO

YES >> Replace the harness.

NO >> GO TO 3

3.FRONT DOOR SATELLITE SENSOR LH

Replace the front door satellite sensor LH. Refer to [SR-25, "Removal and Installation"](#).

>> GO TO 4

4.AIR BAG DIAGNOSIS SENSOR UNIT

Replace the air bag diagnosis sensor unit. Refer to [SR-27, "Removal and Installation"](#).

B1343 - B1349 FRONT DOOR SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 5

5. RELATED HARNESS

Replace the related harness.

>> **END**

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B1336 - B1342 FRONT DOOR SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

B1336 - B1342 FRONT DOOR SATELLITE SENSOR RH

Description

INFOID:000000008506680

DTC B1336 – B1342 FRONT DOOR SATELLITE SENSOR RH

The front door satellite sensor RH is wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit will monitor the front door satellite sensor RH for internal failures and its circuits for communication errors.

PART LOCATION

Refer to [SRC-5, "Component Parts Location"](#).

DTC Logic

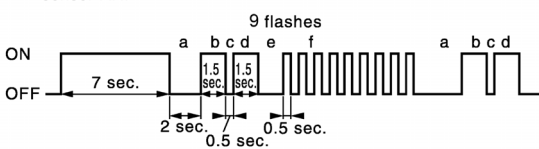
INFOID:000000008506681

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order	
FR-RH DOOR SATEL SENS [SENSOR MALFUNCTION]	B1336	Front door satellite sensor RH has mal-functioned.	1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the front door satellite sensor RH. 4. Replace the air bag diagnosis sensor unit. 5. Replace the related harness.	
	B1337			
FR-RH DOOR SATEL SENS [COMM MALFUNCTION]	B1338	Front door satellite sensor RH communica-tion error.		
	B1340			
	B1341			
	B1342			
FR-RH DOOR SATEL SENS [MIS-INSTALLATION]	B1339	Front door satellite sensor RH is out of specification.		

Without CONSULT

<Front door satellite sensor RH>	
Flash pattern	Repair order
a through f are repeated. f: Nine flashes indicate malfunctioning front door satellite sensor RH.	
	1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the front door satellite sensor RH. 4. Replace the air bag diagnosis sensor unit. 5. Replace the related harness.

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DTC CONFIRMATION PROCEDURE (With CONSULT)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check for the DTC on CONSULT.

Is the DTC detected?

YES >> Refer to [SRC-87, "Diagnosis Procedure"](#).

NO >> Inspection End.

DTC CONFIRMATION PROCEDURE (Without CONSULT)

NOTE:

B1336 - B1342 FRONT DOOR SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

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

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2

2.IGNITION SWITCH

After air bag warning lamp lights for 7 seconds, turn ignition switch OFF within 1 second.

>> GO TO 3

3.WAIT TIME

Wait more than 3 seconds.

>> GO TO 4

4.REPEAT STEPS

Repeat steps 1 to 3 twice.

>> GO TO 5

5.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 6

6.DIAGNOSTIC MODE

SRS system is now in diagnostic mode and AIR BAG warning lamp flashes. Refer to [SRC-22. "Flash Code Index"](#).

>> **END**

Diagnosis Procedure

INFOID:0000000008506682

Recheck SRS after each replacement.

1.HARNESS CONNECTOR

Is there any visible damage to the connector?

YES or NO

YES >> Replace the harness.

NO >> GO TO 2

2.WIRING HARNESS

Is there any visible damage to the harness?

YES or NO

YES >> Replace the harness.

NO >> GO TO 3

3.FRONT DOOR SATELLITE SENSOR RH

Replace the front door satellite sensor RH. Refer to [SR-25. "Removal and Installation"](#).

>> GO TO 4

4.AIR BAG DIAGNOSIS SENSOR UNIT

Replace the air bag diagnosis sensor unit. Refer to [SR-27. "Removal and Installation"](#).

B1336 - B1342 FRONT DOOR SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 5

5.RELATED HARNESS

Replace the related harness.

>> **END**

B1350 - B1351 FRONT DOOR SATELLITE SENSORS

< DTC/CIRCUIT DIAGNOSIS >

B1350 - B1351 FRONT DOOR SATELLITE SENSORS

Description

INFOID:0000000008506683

DTC B1350, B1351 FRONT DOOR SATELLITE SENSORS LH/RH

The front door satellite sensors LH/RH are wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit will monitor the front door satellite sensors LH/RH for internal failures and check if the sensors are within specification.

PART LOCATION

Refer to [SRC-5, "Component Parts Location"](#).

DTC Logic

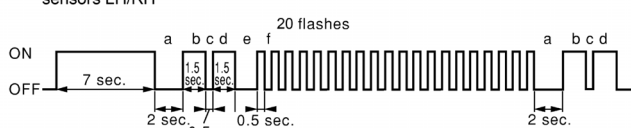
INFOID:0000000008506684

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
FR DOOR SATEL SENS	B1350	Front door satellite sensors LH/RH have malfunctioned.	<ol style="list-style-type: none">1. Visually check the wiring harness connections.2. Replace the harnesses if they have visible damage.3. Replace the front door satellite sensor LH and RH.4. Replace the air bag diagnosis sensor unit.5. Replace the related harnesses.
	B1351		

Without CONSULT

<Front door satellite sensors LH/RH>	
Flash pattern	Repair order
a through f are repeated. f: Twenty flashes indicate malfunctioning front door satellite sensors LH/RH	
	<ol style="list-style-type: none">1. Visually check the wiring harness connections.2. Replace the harnesses if they have visible damage.3. Replace both front door satellite sensors LH and RH.4. Replace the air bag diagnosis sensor unit.5. Replace the related harnesses.

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DTC CONFIRMATION PROCEDURE (With CONSULT)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check for the DTC on CONSULT.

Is the DTC detected?

YES >> Refer to [SRC-90, "Diagnosis Procedure"](#).

NO >> Inspection End.

DTC CONFIRMATION PROCEDURE (Without CONSULT)

NOTE:

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

1.IGNITION SWITCH

B1350 - B1351 FRONT DOOR SATELLITE SENSORS

< DTC/CIRCUIT DIAGNOSIS >

Turn ignition switch ON.

>> GO TO 2

2.IGNITION SWITCH

After air bag warning lamp lights for 7 seconds, turn ignition switch OFF within 1 second.

>> GO TO 3

3.WAIT TIME

Wait more than 3 seconds.

>> GO TO 4

4.REPEAT STEPS

Repeat steps 1 to 3 twice.

>> GO TO 5

5.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 6

6.DIAGNOSTIC MODE

SRS system is now in diagnostic mode and AIR BAG warning lamp flashes. Refer to [SRC-22, "Flash Code Index"](#).

>> **END**

Diagnosis Procedure

INFOID:0000000008506685

Recheck SRS after each replacement.

1.HARNESS CONNECTORS

Is there any visible damage to the connectors?

YES or NO

YES >> Replace the affected harnesses.

NO >> GO TO 2

2.WIRING HARNESSES

Is there any visible damage to the harnesses?

YES or NO

YES >> Replace the affected harnesses.

NO >> GO TO 3

3.FRONT DOOR SATELLITE SENSORS

Replace both front door satellite sensors LH and RH. Refer to [SR-25, "Removal and Installation"](#).

>> GO TO 4

4.AIR BAG DIAGNOSIS SENSOR UNIT

Replace the air bag diagnosis sensor unit. Refer to [SR-27, "Removal and Installation"](#).

>> GO TO 5

5.RELATED HARNESS

B1350 - B1351 FRONT DOOR SATELLITE SENSORS

< DTC/CIRCUIT DIAGNOSIS >

Replace the related harnesses.

>> **END**

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B1XXX AIR BAG DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

B1XXX AIR BAG DIAGNOSIS SENSOR UNIT

Description

INFOID:000000008506686

DTC B1XXX AIR BAG DIAGNOSIS SENSOR UNIT

The air bag diagnosis sensor unit will run self diagnostics when the ignition switch is turned ON. It has the potential to set many diagnostic trouble codes which will conform to the B1XXX format, but will not match any other SRS diagnostic trouble codes. Refer to [SRC-17, "CONSULT Function \(AIR BAG\)"](#).

PART LOCATION

Refer to [SRC-5, "Component Parts Location"](#).

DTC Logic

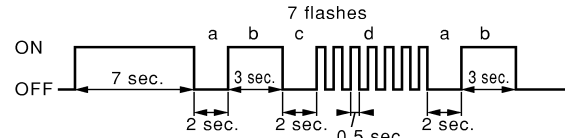
INFOID:000000008506687

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
CONTROL UNIT	B1XXX	Air bag diagnosis sensor unit is malfunctioning.	1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the air bag diagnosis sensor unit. 4. Replace the related harness.

Without CONSULT

<Air bag diagnosis sensor unit>	
Flash pattern	Repair order
a through d are repeated. d: Seven flashes indicate malfunctioning diagnosis sensor unit circuit.	1. Visually check the wiring harness connections. 2. Replace the harness if it has visible damage. 3. Replace the air bag diagnosis sensor unit. 4. Replace the related harness.
	

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DTC CONFIRMATION PROCEDURE (With CONSULT)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check for the DTC on CONSULT.

Is the DTC detected?

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

DTC CONFIRMATION PROCEDURE (Without CONSULT)

NOTE:

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

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2

B1XXX AIR BAG DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

2.IGNITION SWITCH

After air bag warning lamp lights for 7 seconds, turn ignition switch OFF within 1 second.

>> GO TO 3

3.WAIT TIME

Wait more than 3 seconds.

>> GO TO 4

4.REPEAT STEPS

Repeat steps 1 to 3 twice.

>> GO TO 5

5.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 6

6.DIAGNOSTIC MODE

SRS system is now in diagnostic mode and AIR BAG warning lamp flashes. Refer to [SRC-22, "Flash Code Index"](#).

>> Inspection End.

Diagnosis Procedure

INFOID:0000000008506688

Recheck SRS after each replacement.

1.HARNESS CONNECTOR

Is there any visible damage to the connector?

YES or NO

YES >> Replace the harness.

NO >> GO TO 2

2.WIRING HARNESS

Is there any visible damage to the harness?

YES or NO

YES >> Replace the harness.

NO >> GO TO 3

3.AIR BAG DIAGNOSIS SENSOR UNIT

Replace the air bag diagnosis sensor unit. Refer to [SR-27, "Removal and Installation"](#).

>> GO TO 4

4.RELATED HARNESS

Replace the related harness.

>> Inspection End.

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B1023 PASSENGER AIR BAG OFF INDICATOR

< DTC/CIRCUIT DIAGNOSIS >

B1023 PASSENGER AIR BAG OFF INDICATOR

Description

INFOID:000000008506689

DTC B1023 FRONT PASSENGER AIR BAG OFF INDICATOR

The front passenger air bag off indicator is wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit monitors the front passenger air bag off indicator and circuit for failures.

PART LOCATION

Refer to [SRC-5, "Component Parts Location"](#).

DTC Logic

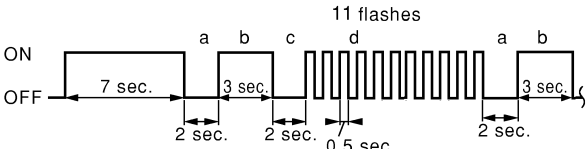
INFOID:000000008506690

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
PASS A/B INDCTR CKT	B1023	Front passenger air bag off indicator is malfunctioning.	<ol style="list-style-type: none">1. Visually check the wiring harness connection.2. Replace the harness if it has visible damage.3. Replace the front passenger air bag off indicator.4. Replace the air bag diagnosis sensor unit.5. Replace the related harness.

Without CONSULT

<Front passenger air bag off indicator>	
Flash pattern	Repair order
<p>a through d are repeated. d: Eleven flashes indicate malfunctioning front passenger air bag off indicator.</p> 	<ol style="list-style-type: none">1. Visually check the wiring harness connection.2. Replace the harness if it has visible damage.3. Replace front passenger air bag off indicator.4. Replace the air bag diagnosis sensor unit.5. Replace the related harness.

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DTC CONFIRMATION PROCEDURE (With CONSULT)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check for the DTC on CONSULT.

Is the DTC detected?

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

DTC CONFIRMATION PROCEDURE (Without CONSULT)

NOTE:

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

1.IGNITION SWITCH

Turn ignition switch ON.

B1023 PASSENGER AIR BAG OFF INDICATOR

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2

2.IGNITION SWITCH

After air bag warning lamp lights for 7 seconds, turn ignition switch OFF within 1 second.

>> GO TO 3

3.WAIT TIME

Wait more than 3 seconds.

>> GO TO 4

4.REPEAT STEPS

Repeat steps 1 to 3 twice.

>> GO TO 5

5.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 6

6.DIAGNOSTIC MODE

SRS system is now in diagnostic mode and AIR BAG warning lamp flashes. Refer to [SRC-22. "Flash Code Index"](#).

>> **END**

Diagnosis Procedure

INFOID:000000008506691

Recheck SRS after each replacement.

1.HARNESS CONNECTOR

Is there any visible damage to the connector?

YES or NO

YES >> Replace the harness.

NO >> GO TO 2

2.WIRING HARNESS

Is there any visible damage to the harness?

YES or NO

YES >> Replace the harness.

NO >> GO TO 3

3.FRONT PASSENGER AIR BAG OFF INDICATOR

Replace the front passenger air bag off indicator. Refer to [IP-22. "Removal and Installation - Cluster Lid C"](#).

>> GO TO 4

4.AIR BAG DIAGNOSIS SENSOR UNIT

Replace the air bag diagnosis sensor unit. Refer to [SR-27. "Removal and Installation"](#).

>> GO TO 5

5.RELATED HARNESS

Replace the related harness.

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B1023 PASSENGER AIR BAG OFF INDICATOR

< DTC/CIRCUIT DIAGNOSIS >

>> **END**

B1017, B1018, B1020, B1021, B1022, B1025, B1032, B1048 OCS SYSTEM

< DTC/CIRCUIT DIAGNOSIS >

B1017, B1018, B1020, B1021, B1022, B1025, B1032, B1048 OCS SYSTEM

Description

INFOID:000000008506692

DTC B1017, B1018, B1020, B1021, B1022, B1025, B1032, B1048 OCCUPANT CLASSIFICATION SYSTEM (OCS)

The OCS control unit is wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit will monitor the OCS for failures and interruptions in communication between the OCS control unit and the air bag diagnosis sensor unit.

PART LOCATION

Refer to [SRC-5. "Component Parts Location"](#).

DTC Logic

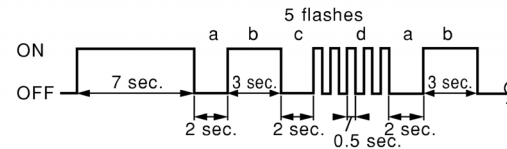
INFOID:000000008506693

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
OCCUPANT SENS C/U [UNIT FAIL]	B1017	The OCS control unit is malfunctioning.	1. Visually check the wiring harness connections to the OCS control unit. 2. Replace the harness if it has visible damage. 3. Replace the OCS control unit and OCS sensors (seat frame and adjuster assembly).
	B1020		
	B1021		
OCCUPANT SENS [UNIT FAIL]	B1018	The OCS sensor is malfunctioning.	1. Visually check the wiring harness connections to the OCS sensors. 2. Replace the harness if it has visible damage. 3. Replace the OCS control unit and OCS sensors (seat frame and adjuster assembly).
OCS SENS [OTHER FAIL]	B1025	The OCS is malfunctioning.	
	B1032		
	B1048		
OCCUPANT SENS C/U [COMM FAIL]	B1022	Communication between the OCS control unit and the air bag diagnosis sensor unit is interrupted.	1. Visually check the wiring harness connections to the OCS control unit and the seat sub harness. 2. Replace the harness if it has visible damage. 3. Replace the OCS control unit and OCS sensors (seat frame and adjuster assembly). 4. Replace the air bag diagnosis sensor unit.

Without CONSULT

<Occupant classification system>	
Flash pattern	Repair order
a through d are repeated. d: Five flashes indicate malfunctioning occupant classification system control unit.	1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the OCS control unit and OCS sensors (seat frame and adjuster assembly). 4. Replace the air bag diagnosis sensor unit.
	

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DTC CONFIRMATION PROCEDURE (With CONSULT)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

B1017, B1018, B1020, B1021, B1022, B1025, B1032, B1048 OCS SYSTEM

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK SELF-DIAG RESULT

Check for the DTC on CONSULT.

Is the DTC detected?

- YES >> Refer to [SRC-98. "Diagnosis Procedure"](#).
NO >> Inspection End.

DTC CONFIRMATION PROCEDURE (Without CONSULT)

NOTE:

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

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2

2.IGNITION SWITCH

After air bag warning lamp lights for 7 seconds, turn ignition switch OFF within 1 second.

>> GO TO 3

3.WAIT TIME

Wait more than 3 seconds.

>> GO TO 4

4.REPEAT STEPS

Repeat steps 1 to 3 twice.

>> GO TO 5

5.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 6

6.DIAGNOSTIC MODE

SRS system is now in diagnostic mode and AIR BAG warning lamp flashes. Refer to [SRC-22. "Flash Code Index"](#).

>> **END**

Diagnosis Procedure

INFOID:000000008506694

Recheck SRS after each corrective action.

1.HARNESS CONNECTOR

Is there any visible damage to the OCS sub-harness connectors or body connectors?

YES or NO

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

2.WIRING HARNESS

Is there any visible damage to the OCS sub-harness or body harness?

YES or NO

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

B1017, B1018, B1020, B1021, B1022, B1025, B1032, B1048 OCS SYSTEM

< DTC/CIRCUIT DIAGNOSIS >

3.REPLACE OCS CONTROL UNIT AND SENSORS

Replace the OCS control unit and OCS sensors (seat frame and adjuster assembly). Refer to [SE-85, "Removal and Installation"](#).

>> GO TO 4

4.AIR BAG DIAGNOSIS SENSOR UNIT

Replace the air bag diagnosis sensor unit. Refer to [SR-27, "Removal and Installation"](#).

>> **END.**

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B1209 – B1211 COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

B1209 – B1211 COLLISION DETECTION

Description

INFOID:000000008506695

DTC B1209 - B1211 COLLISION DETECTION

The air bag diagnosis sensor unit will set this DTC if it has detected a collision or rollover which has resulted in a deployment of one or more air bags or pre-tensioners. If this DTC is detected after a SRS repair, the air bag diagnosis sensor unit has not yet been replaced. This DTC can not be erased.

PART LOCATION

Refer to [SRC-5, "Component Parts Location"](#).

DTC Logic

INFOID:000000008506696

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
FRONTAL COLLISION DETECTION	B1209	Driver and/or front passenger air bag modules are deployed.	Refer to SR-5, "For Frontal Collision" .
SIDE COLLISION DETECTION	B1210	Side and/or curtain air bag modules are deployed.	Refer to SR-7, "For Side and Rollover Collision" .
ROLLOVER DETECTION	B1211	Curtain air bag module and seat belt pretensioner are deployed.	

DTC CONFIRMATION PROCEDURE (With CONSULT)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check for the DTC on CONSULT.

Is the DTC detected?

YES >> Refer to [SRC-100, "Diagnosis Procedure"](#).

NO >> Inspection End.

Diagnosis Procedure

INFOID:000000008506697

Refer to [SR-5, "For Frontal Collision"](#) or [SR-7, "For Side and Rollover Collision"](#).

SRS AIR BAG WARNING LAMP DOES NOT TURN ON

< SYMPTOM DIAGNOSIS >

SYMPTOM DIAGNOSIS

SRS AIR BAG WARNING LAMP DOES NOT TURN ON

AIR BAG Warning Lamp Does Not Turn On

INFOID:0000000008506698

1.CHECK METER FUSE

Check the 10A fuse [No. 13, located in the fuse block (J/B)].

Is the fuse blown?

YES >> GO TO 2

NO >> GO TO 3

2.REPLACE METER FUSE AND CHECK AGAIN

Replace 10A fuse [No. 13, located in the fuse block (J/B)] and turn ignition switch ON.

Does the fuse blow again?

YES >> Replace fuse and harness.

NO >> Inspection End.

3.CHECK HARNESS CONNECTIONS BETWEEN AIR BAG DIAGNOSIS SENSOR UNIT AND COMBINATION METER

Inspect the harness and connectors between the air bag diagnosis sensor unit and the combination meter.

Do the harness or connectors have any visible damage?

YES >> Replace harness.

NO >> GO TO 4

4.CHECK COMBINATION METER

Disconnect the air bag diagnosis sensor unit harness connectors and turn ignition switch ON.

Does AIR BAG warning lamp turn on?

YES >> Replace the air bag diagnosis sensor unit. Refer to [SR-27, "Removal and Installation"](#).

NO >> Replace the combination meter. Refer to [MWI-82, "Removal and Installation"](#).

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SRS AIR BAG WARNING LAMP DOES NOT TURN OFF

< SYMPTOM DIAGNOSIS >

SRS AIR BAG WARNING LAMP DOES NOT TURN OFF

AIR BAG Warning Lamp Does Not Turn Off

INFOID:000000008506699

1.CHECK CONDITION OF AIR BAG MODULE

Inspect for any deployed air bag modules or seat belt pre-tensioners.

Are any air bag modules or seat belt pre-tensioners deployed?

YES >> Refer to [SR-5, "For Frontal Collision"](#) or [SR-7, "For Side and Rollover Collision"](#).

NO >> GO TO 2

2.CHECK THE AIR BAG FUSE

Check 10A fuse [No. 32, located in the fuse block (J/B)].

Is the fuse blown?

YES >> GO TO 3

NO >> GO TO 4

3.CHECK AIR BAG FUSE AGAIN

Replace 10A fuse [No. 32, located in the fuse block (J/B)] and turn ignition switch ON.

Does the fuse blow again?

YES >> Replace fuse and harness.

NO >> Inspection End.

4.CHECK AIR BAG DIAGNOSIS SENSOR UNIT

Connect CONSULT.

Is "AIR BAG" displayed on CONSULT?

YES >> GO TO 5

NO >> Visually inspect the air bag diagnosis sensor unit harness connections. If the connections are OK, replace the air bag diagnosis sensor unit. Refer to [SR-27, "Removal and Installation"](#).

5.CHECK HARNESS CONNECTION

Check for loose connections between the combination meter and the air bag diagnosis sensor unit.

Are there any loose connections?

YES >> Properly connect the combination meter and air bag diagnosis sensor unit harness connectors. If AIR BAG warning lamp still does not turn off, replace the wiring harness.

NO >> Replace air bag diagnosis sensor unit. Refer to [SR-27, "Removal and Installation"](#).

SEAT BELT WARNING SYSTEM

< SYMPTOM DIAGNOSIS >

SEAT BELT WARNING SYSTEM

Seat Belt Warning System Does Not Function

INFOID:0000000008506700

1. SEAT BELT WARNING LIGHT

Turn ignition switch ON.

Does the seat belt warning lamp come ON?

YES >> GO TO 2

- NO >> • Check 10A fuse [No. 13, located in the fuse block (J/B)].
• Check seat belt buckle switch (driver seat).
• Check harness between combination meter and seat belt buckle switch (driver seat).
• Check combination meter. Refer to [MWI-28, "Fail-Safe"](#).

2. SEAT BELT BUCKLE (DRIVER SEAT)

Fasten the seat belt buckle (driver seat).

Does the seat belt warning lamp go OFF?

YES >> GO TO 3

- NO >> • Check seat belt buckle switch (driver seat).
• Check harness between combination meter and seat belt buckle switch (driver seat).

3. OCCUPANT CLASSIFICATION SYSTEM

Have a helper sit in the passenger seat.

Does the seat belt warning lamp go ON?

YES >> GO TO 4

- NO >> • Check occupant classification system. Refer to [SRC-12, "OCCUPANT CLASSIFICATION SYSTEM : System Description"](#).
• Check harness between occupant classification control unit and air bag diagnosis sensor unit.

4. SEAT BELT BUCKLE (PASSENGER SEAT)

Fasten the seat belt buckle (passenger seat).

Does the seat belt warning lamp go OFF?

YES >> System OK.

- NO >> • Check seat belt buckle switch (passenger seat).
• Check harness between seat belt buckle switch (passenger seat) and air bag diagnosis sensor unit.
• Replace air bag diagnosis sensor unit. Refer to [SR-27, "Removal and Installation"](#).

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