SECTION SRC
SRS AIRBAG CONTROL SYSTEM

CONTENTS

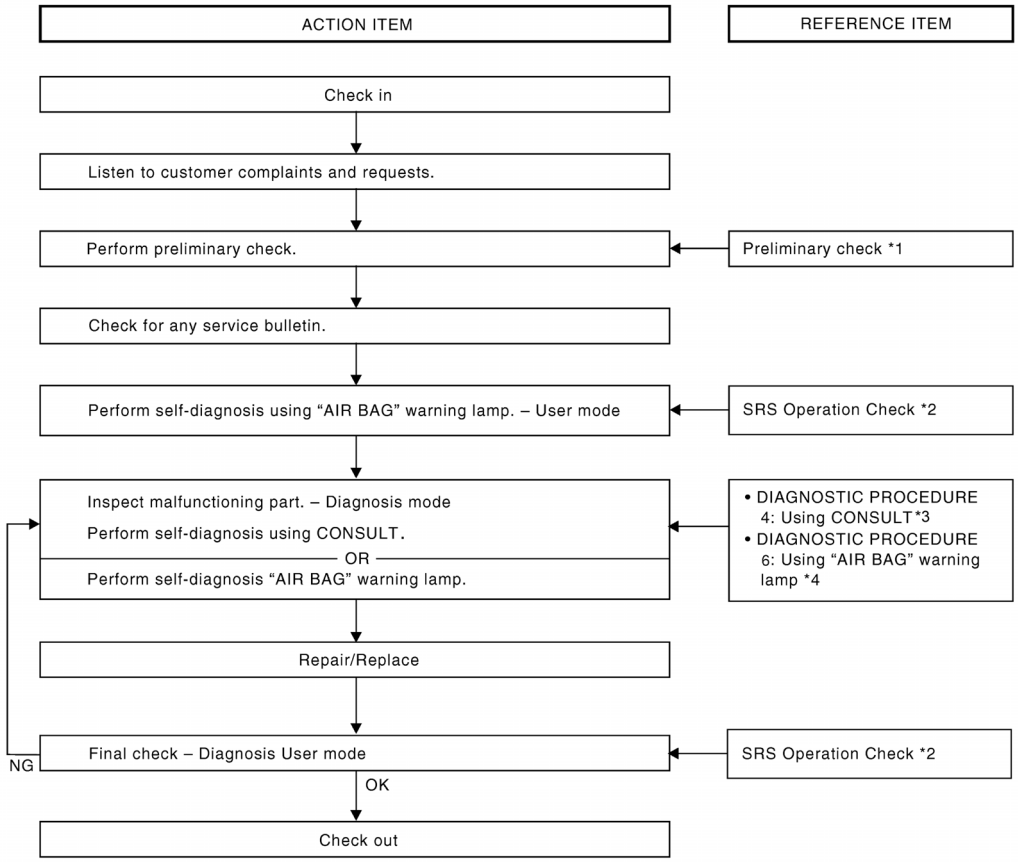
BASIC INSPECTION

DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

INFOID:0000000009466471

OVERALL SEQUENCE



AWHIA0310GB

*1 SRC-12, "Trouble Diagnosis Introduction"
*2 SRC-12, "SRS Operation Check"
*3 SRC-5, "Trouble Diagnosis with CONSULT"
*4 SRC-14, "Self-Diagnosis Function (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-12, "Trouble Diagnosis Introduction".

>> GO TO 3

3. TECHNICAL SERVICE BULLETINS

Check for technical service bulletins.

>> GO TO 4

4. USER MODE

Perform self-diagnosis using the "AIR BAG" warning lamp in User mode. Refer to SRC-12, "SRS Operation Check".

>> GO TO 5

5. SELF-DIAGNOSIS

Perform SELF-DIAGNOSIS. Refer to SRC-5, "Trouble Diagnosis with CONSULT" (with CONSULT) or SRC-14, "Self-Diagnosis Function (Without CONSULT)" (without CONSULT).

>> 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 5

INTERMITTENT INCIDENT

Inspection Procedure

INFOID:0000000009466472

INTERMITTENT TROUBLE

An intermittent incident may have occured 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] using CONSULT.

Trouble Diagnosis with CONSULT

INFOID:0000000009466473

DIAGNOSTIC PROCEDURE 4

Check SRS Repair History

1. CONSIDER POSSIBILITY THAT SELF-DIAGNOSTIC RESULT WAS NOT ERASED AFTER REPAIR

Check repair history of the SRS.

Have any previous repairs been made to the SRS?

Yes >> Self-diagnostic result “SELF-DIAG [PAST]” (previously stored in the memory) might not be erased after repair. Proceed to "DIAGNOSTIC PROCEDURE 3". Refer to SRC-14, "Self-Diagnosis Function (Without CONSULT)".

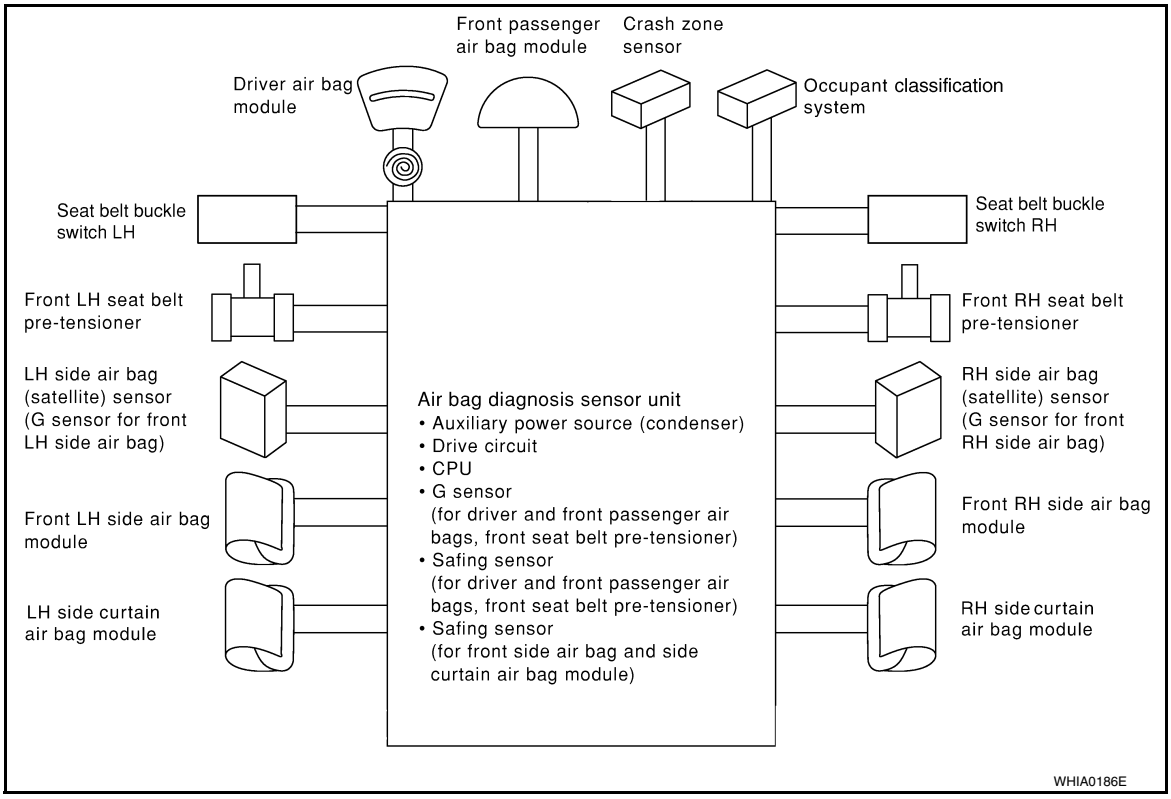
No >> Proceed to "DIAGNOSTIC PROCEDURE 2". Refer to SRC-12, "SRS Operation Check".

SYSTEM DESCRIPTION

SRS AIR BAG SYSTEM

SRS Configuration

INFOID:0000000009466474

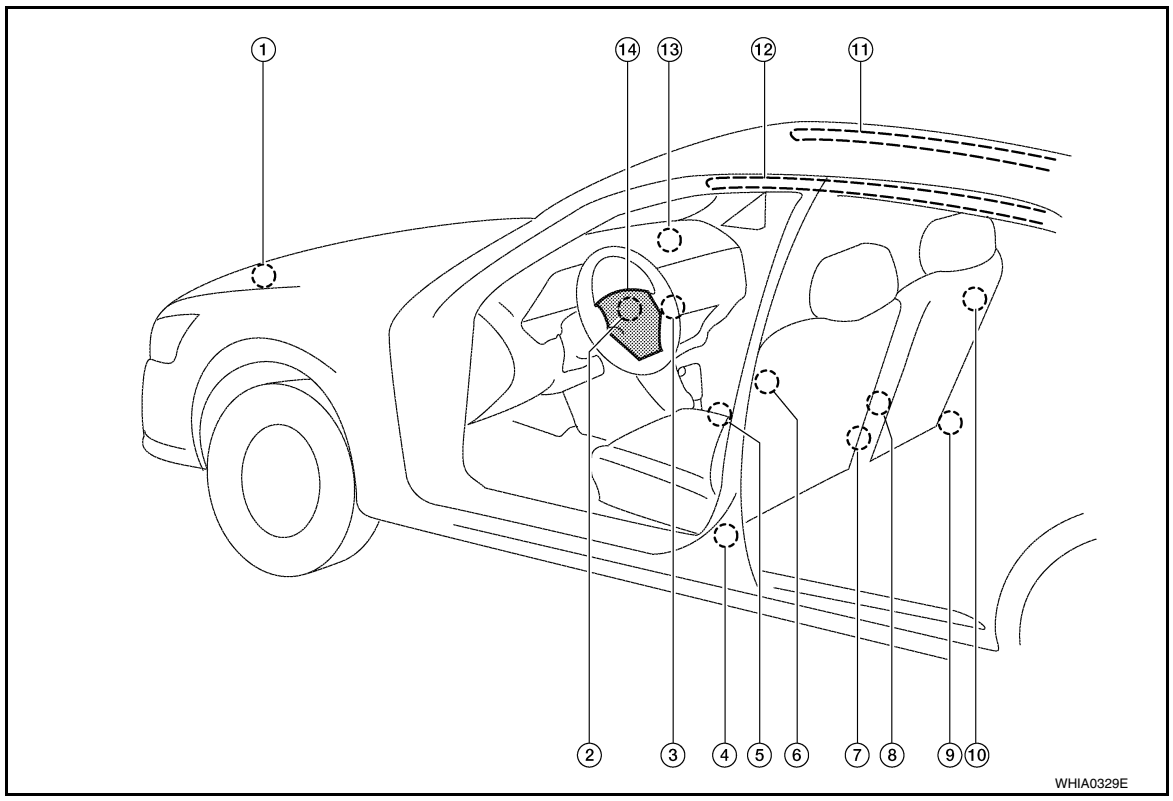


The air bag deploys if the air bag diagnosis sensor unit is activated while the ignition switch is in the ON or START position.
The collision modes for which supplemental restraint systems are activated are different among the SRS systems. For example, the driver air bag module, front passenger air bag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

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

SRS Component Parts Location

INFOID:0000000009466475

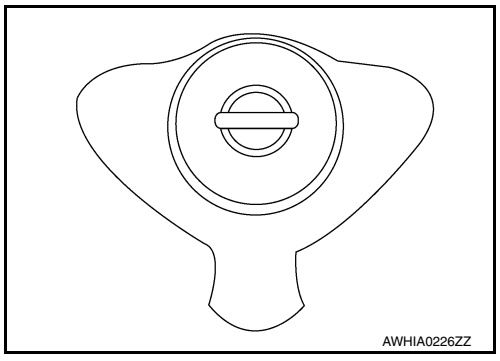


1. Crash zone sensor
2. Spiral cable
3. Front passenger air bag off indicator
4. Front LH seatbelt pre-tensioner LH side air bag (satellite) sensor
5. Air bag diagnosis sensor unit
6. Front LH side air bag module
7. Seat belt buckle switch (LH) Seat belt buckle switch (RH)
8. Occupant classification system control unit and sensor mat
9. Front RH seatbelt pre-tensioner RH side air bag (satellite) sensor
10. Front RH side air bag module
11. RH side curtain air bag module
12. LH side curtain air bag module
13. Front passenger air bag module
14. Driver air bag module

Driver Air Bag Module

INFOID:0000000009466476

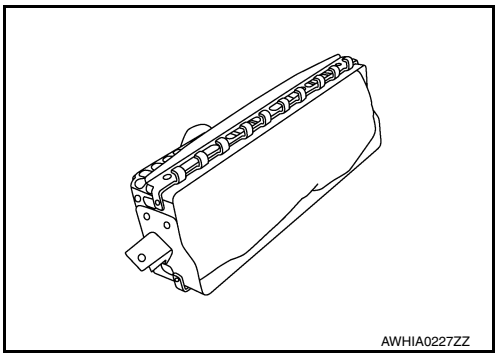
The driver air bag module is dual stage and located in the steering wheel assembly. It operates with the SRS system in a frontal collision exceeding a specified level.



Front Passenger Air Bag Module

INFOID:0000000009466477

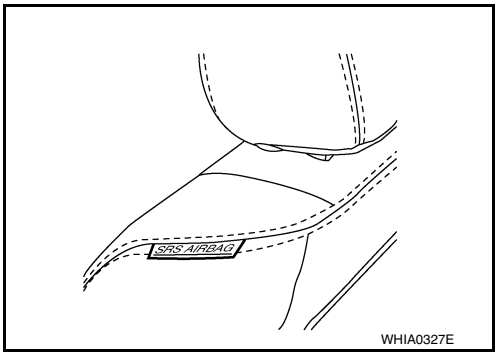
The front passenger air bag module is located behind the instrument panel assembly. It operates with the SRS system in a frontal collision exceeding a specified level. Refer to SRC-10, "Occupant Classification System (OCS)" for more information.



Front Side Air Bag

INFOID:0000000009466478

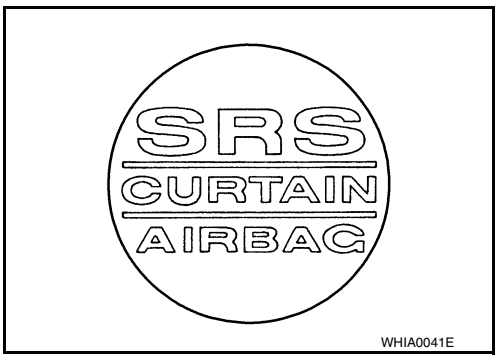
Front side air bag modules are built into the front seatback assemblies. Vehicles with side air bags are equipped with labels as shown.



Side Curtain Air Bag

INFOID:0000000009466479

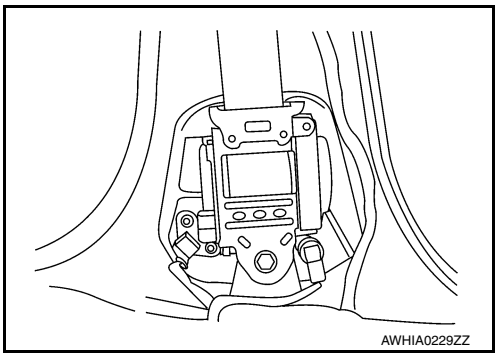
Side curtain air bag modules are located above the vehicle headlining. Vehicles with side curtain air bags are equipped with labels as shown.



Front Seat Belt Pre-tensioner

INFOID:0000000009466480

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.



SRS Component Connectors

INFOID:0000000009466481

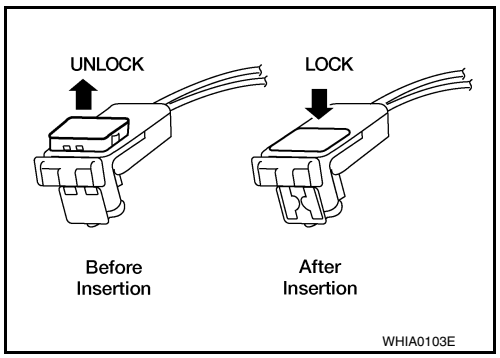
DIRECT CONNECT

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.

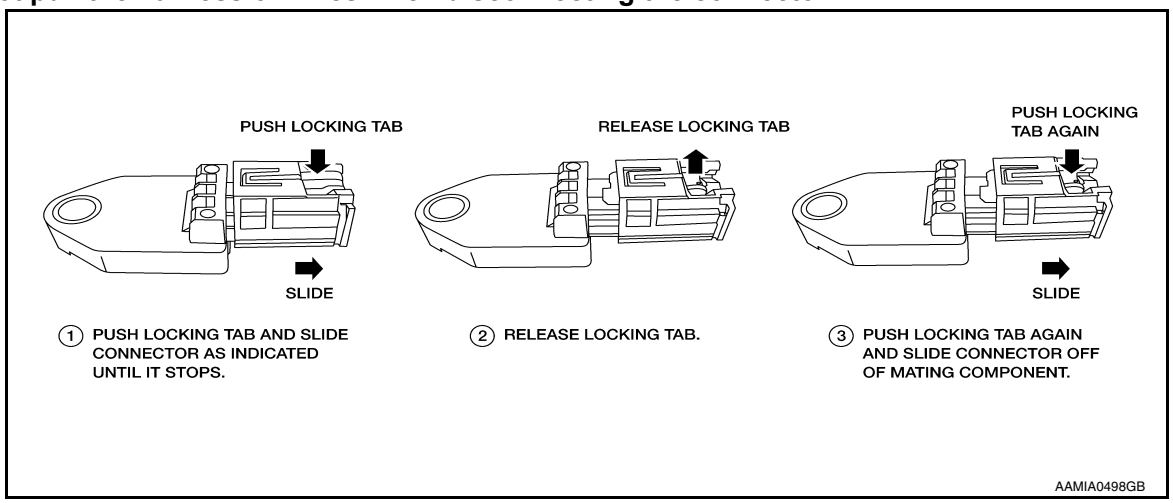


SLIDE DOUBLE LOCKING

- 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:

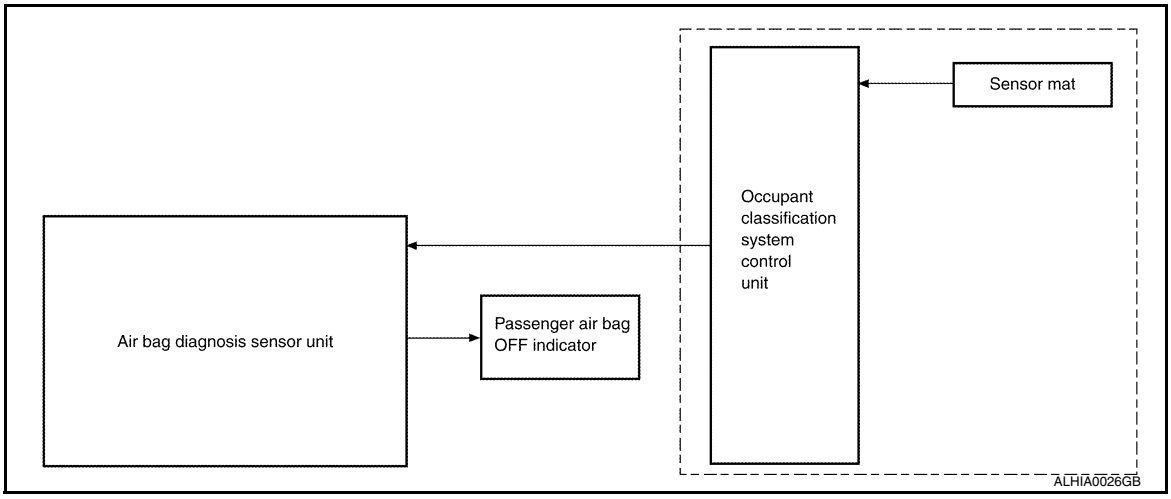
- **Do not pull the harness or wires when disconnecting the connector.**



OCCUPANT CLASSIFICATION SYSTEM

System Diagram

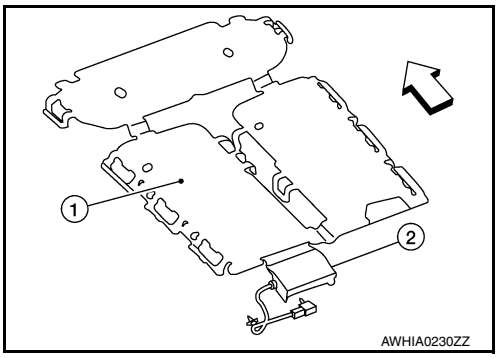
INFOID:0000000009466482



Occupant Classification System (OCS)

INFOID:0000000009466483

The occupant classification system (OCS) identifies if a child or child seat is present in the front passenger seat. The OCS receives inputs from the occupant classification sensor mat (1) which is located inside the passenger seat cushion assembly. Depending on classification of the passenger, the OCS control unit (2) 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 RH signal to determine deployment or non-deployment of the front passenger air bag module in the event of a collision. Depending on the signals received, the air bag diagnosis sensor unit can disable the front passenger air bag module completely.



NOTE:

In case of customer concern, CONSULT can be used to confirm the front passenger air bag status (readiness).

Front Passenger Air Bag Status Conditions

Front Passenger Seat (Condition)	PASS AIR BAG OFF Indicator (Status)	Front 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

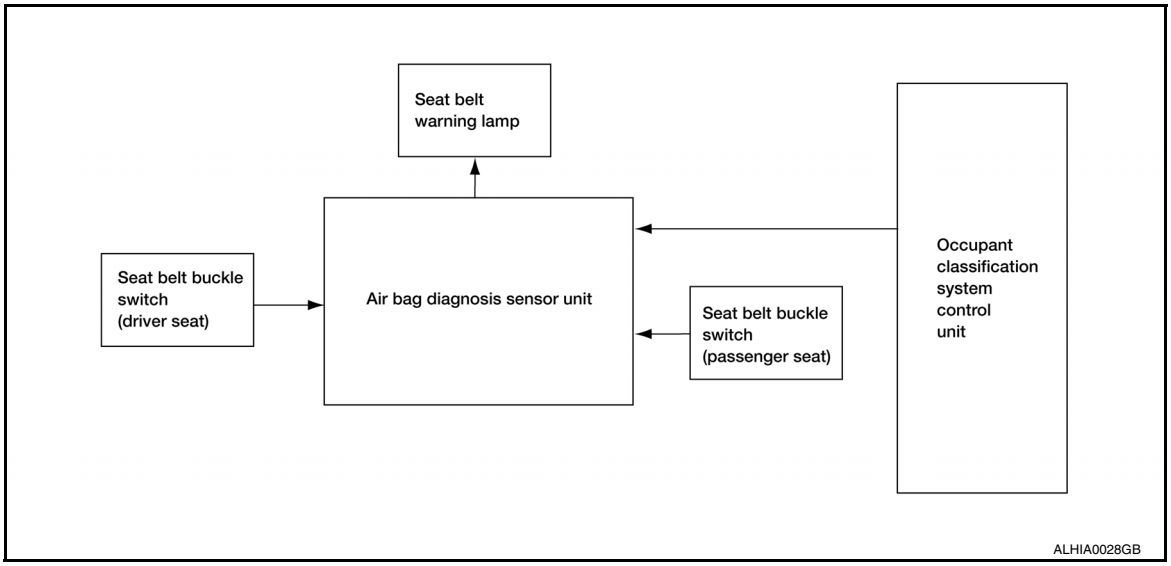
NOTE:

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

PASSENGER SEAT BELT WARNING SYSTEM

System Diagram

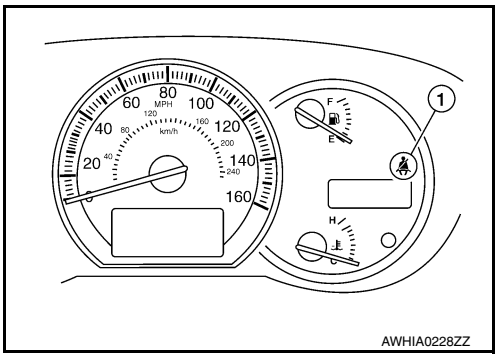
INFOID:0000000009466484



System Description

INFOID:0000000009466485

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-10, "Occupant Classification System (OCS)".



Passenger Seat Belt Warning System Operation

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

Component Parts Location

INFOID:0000000009466486

Refer to SRC-7, "SRS Component Parts Location".

ON BOARD DIAGNOSTIC (OBD) SYSTEM

Trouble Diagnosis Introduction

INFOID:0000000009466487

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.**

DIAGNOSIS FUNCTION

The SRS self-diagnosis results can be read by using “AIR BAG” warning lamp and/or CONSULT.
The User mode is exclusively prepared for the customer (driver). This mode warns the driver of a system malfunction through the operation of the “AIR BAG” warning lamp.
The Diagnosis mode allows the technician to locate and inspect the malfunctioning part.
The mode applications for the “AIR BAG” warning lamp and CONSULT are as follows:

	User mode	Diagnosis mode	Display type
“AIR BAG” warning lamp	X	X	ON-OFF operation
CONSULT	—	X	Monitoring

HOW TO PERFORM TROUBLE DIAGNOSES FOR QUICK AND ACCURATE REPAIR

A good understanding of the malfunction conditions can make troubleshooting faster and more accurate.
In general, each customer feels differently about a malfunction. It is important to fully understand the symptoms or conditions for a customer complaint.

Information From Customer
WHAT - Vehicle model
WHEN - Date, Frequencies
WHERE - Road conditions
HOW - Operating conditions, Symptoms

Preliminary Check
Check that the following parts are in good order.

- Battery
- Fuse
- System component-to-harness connections

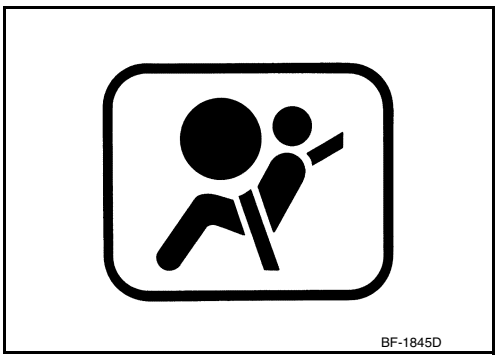
SRS Operation Check

INFOID:0000000009466488

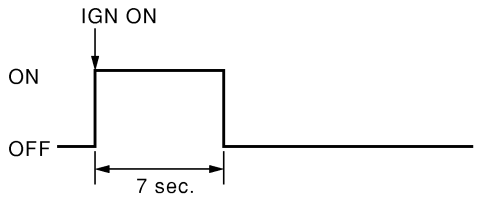
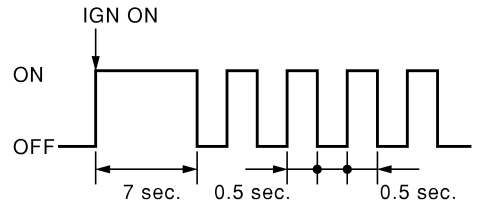
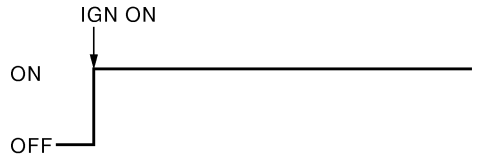
DIAGNOSTIC PROCEDURE 1

Checking SRS Operation Using “AIR BAG” Warning Lamp—User Mode

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



SRS Air bag warning lamp examples

"AIR BAG" warning lamp (User mode)	SRS condition	Reference item
 SHIA0011E	• No malfunction is detected. • No further action is necessary.	—
 SHIA0012E	The system is malfunctioning and needs to be repaired as indicated.	Proceed to DIAGNOSTIC PROCEDURE 2 that follows (with CONSULT) or SRC-14, "Trouble Diagnosis without CONSULT" (without CONSULT).
 SHIA0013E	• Air bag is deployed. • Seat belt pre-tensioner is deployed.	Proceed to COLLISION DIAGNOSIS SR-5, "FOR USA AND CANADA : For Frontal Collision" or SR-7, "FOR USA AND CANADA : For Side and Rollover Collision".
	• Air bag diagnosis sensor unit is malfunctioning. • Air bag power supply circuit is malfunctioning. • SRS air bag warning lamp circuit is malfunctioning.	Refer to SRC-80, ""AIR BAG" Warning Lamp Does Not Turn Off".
 SHIA0014E	• Air bag diagnosis sensor unit is malfunctioning. • Air bag warning lamp circuit is malfunctioning.	Refer to SRC-80, ""AIR BAG" Warning Lamp Does Not Turn On".

DIAGNOSTIC PROCEDURE 2

1. Connect CONSULT.
2. Diagnostic code is displayed on "SELF-DIAG [CURRENT]".
   If no malfunction is detected on "SELF-DIAG [CURRENT]", but malfunction is detected in "SRS Operation Check" using the "AIR BAG" warning lamp, the following cases may exist:
   • "SELF-DIAG [PAST]" memory might not be erased.
   • The SRS system malfunctions intermittently.
   Perform DIAGNOSTIC PROCEDURE 4. Refer to SRC-14, "Self-Diagnosis Function (Without CONSULT)".

Trouble Diagnosis without CONSULT

INFOID:0000000009466489

DIAGNOSTIC PROCEDURE 6

Inspect SRS Malfunction Using "AIR BAG" Warning Lamp—Diagnosis Mode

NOTE:

SRS will not enter Diagnosis mode if no malfunction is 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-56, "Trouble Diagnosis without CONSULT".

CONSULT Function (AIR BAG)

INFOID:0000000009466490

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

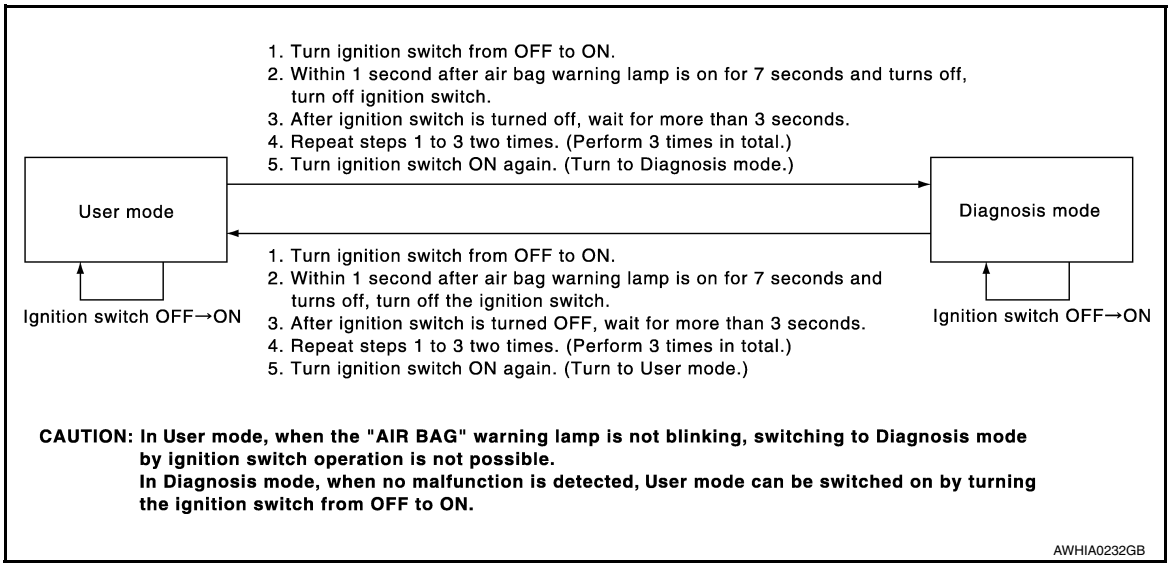
AIR BAG diagnostic mode	Description
SELF-DIAG [CURRENT]	A current Self-diagnosis result (also indicated by the number of warning lamp flashes in the Diagnosis mode) is displayed on the CONSULT screen in real time. This refers to a malfunctioning part requiring repairs.
SELF-DIAG [PAST]	Diagnosis results previously stored in the memory are displayed on the CONSULT screen. The stored results will remain until memory erasing is executed.
TROUBLE DIAG RECORD	With TROUBLE DIAG RECORD, diagnosis results previously erased by a reset operation can be displayed on the CONSULT screen.
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.
PASSENGER AIR BAG	The STATUS (readiness) of the front passenger air bag module is displayed. The STATUS displayed (ON/OFF) depends on the signals supplied to the occupant classification system control unit and air bag diagnosis sensor unit. Refer to SRC-10, "Occupant Classification System (OCS)" for more information.

Self-Diagnosis Function (Without CONSULT)

INFOID:0000000009466491

- The reading of these results is accomplished using one of two modes —“User mode” and “Diagnosis mode”.
- After a malfunction is repaired, turn the ignition switch OFF for at least one second, then back ON. Diagnosis mode returns to the User mode. At that time, the self-diagnostic result is cleared.

HOW TO CHANGE SELF-DIAGNOSIS MODE



DIAGNOSTIC PROCEDURE 3

Final Check of SRS Using CONSULT - Diagnosis Mode

1. Connect CONSULT.
2. If no DTC is detected on “SELF-DIAG [CURRENT]”, repair of SRS is completed. Go to step 3.
   If any DTC is detected on “SELF-DIAG [CURRENT]”, the malfunctioning part has not been repaired completely or another malfunctioning part is being detected. Perform DIAGNOSTIC PROCEDURE 2. Refer to SRC-12, "SRS Operation Check".
3. Touch “ERASE”.
   NOTE:
   Touch “ERASE” to clear the memory of the malfunction (“SELF-DIAG [PAST]”).
   If the memory of the malfunction in “SELF-DIAG [PAST]” is not erased, the User mode shows the system malfunction by the operation of the warning lamp even if the malfunction is repaired completely.
4. Touch “BACK” key of CONSULT. Touch “SELF-DIAG [PAST]”.
5. Check that no malfunction is detected on “SELF-DIAG [PAST]”.
6. Touch “BACK” key of CONSULT to return to User mode from Diagnosis mode.
7. Turn ignition switch OFF and then turn off and disconnect CONSULT.
8. Go to SRC-12, "SRS Operation Check".

DIAGNOSTIC PROCEDURE 4

Check SRS Repair History

1.CONSIDER POSSIBILITY THAT SELF-DIAGNOSTIC RESULT WAS NOT ERASED AFTER REPAIR

Check repair history of the SRS.

Have any previous repairs been made to the SRS?

Yes >> Self-diagnostic result “SELF-DIAG [PAST]” (previously stored in the memory) might not be erased after repair. Perform DIAGNOSTIC PROCEDURE 3. Refer to SRC-14, "Self-Diagnosis Function (Without CONSULT)".

No >> Perform DIAGNOSTIC PROCEDURE 2. Refer to SRC-12, "SRS Operation Check".

DTC/CIRCUIT DIAGNOSIS

B1049 – B1052, B1054 – B1057 DRIVER AIRBAG MODULE

Description

INFOID:0000000009466492

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-7, "SRS Component Parts Location".

DTC Logic

INFOID:0000000009466493

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).	1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Inspect 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).	

DTC CONFIRMATION PROCEDURE (With CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-17, "Diagnosis Procedure".
YES (Past DTC)>>GO TO 2.
NO >> Inspection End.

2.ERASE SELF-DIAG RESULT

Erase the DTC using CONSULT.

Can the DTC be erased?

YES >> Inspection End.
NO >> Refer to SRC-17, "Diagnosis Procedure".

DTC CONFIRMATION PROCEDURE (Without CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-14, "Trouble Diagnosis without CONSULT".

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

Is the DTC detected?

YES >> Refer to SRC-17, "Diagnosis Procedure".
NO >> Inspection End.

Diagnosis Procedure

INFOID:0000000009466494

1.HARNESS CONNECTOR

Visually inspect all applicable harness connectors for the following:
- Visible damage to connector or terminal
- Loose terminal
- Poor connection

NOTE:
All harness connectors should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 2.
NO >> Perform one of the following repairs:
- Visible damage: Replace the harness.
- Loose terminal: Secure the terminal.
- Poor connection: Secure the connection.

2.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 3.
NO >> Refer to GI-41, "Intermittent Incident".

3.WIRING HARNESS

Check the wiring harness for visible damage.

NOTE:
The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace the harness.

4.CHECK SPIRAL CABLE CIRCUIT

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

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M105	1	M29	28	YES
	2		30	
M106	3		29	
	4		30	

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

Driver air bag module		Ground	Continuity
Connector	Terminal		
M105	1	Ground	NO
	2		
M106	3		
	4		

Is the inspection result normal?

YES >> GO TO 4
NO >> Replace combination switch (spiral cable). Refer to SR-15, "Removal and Installation".

5.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 6.
NO >> Refer to GI-41, "Intermittent Incident".

6.AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace the air bag diagnosis sensor unit. Refer to SR-31, "Removal and Installation".
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 7.
NO >> Clear DTC. Inspection End.

7.FRONT DRIVER AIR BAG MODULE

1. Replace the driver air bag module. Refer to SR-12, "Removal and Installation".
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 8.
NO >> Clear DTC. Inspection End.

8.RELATED HARNESS

Replace the related harness.

>> **END**

B1065 – B1068, B1070 – B1073 PASSENGER AIRBAG MODULE

Description

INFOID:0000000009466495

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-7, "SRS Component Parts Location".

DTC Logic

INFOID:0000000009466496

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.	

DTC CONFIRMATION PROCEDURE (With CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-20, "Diagnosis Procedure".
YES (Past DTC)>>GO TO 2.
NO >> Inspection End.

2.ERASE SELF-DIAG RESULT

Erase the DTC using CONSULT.

Can the DTC be erased?

YES >> Inspection End.
NO >> Refer to SRC-20, "Diagnosis Procedure".

DTC CONFIRMATION PROCEDURE (Without CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-14, "Trouble Diagnosis without CONSULT".

NOTE:

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

Is the DTC detected?

YES >> Refer to SRC-20, "Diagnosis Procedure".
NO >> Inspection End.

Diagnosis Procedure

INFOID:0000000009466497

1.HARNESS CONNECTOR

Visually inspect all applicable harness connectors for the following:
- Visible damage to connector or terminal
- Loose terminal
- Poor connection

NOTE:
All harness connectors should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 2.
NO >> Perform one of the following repairs:
- Visible damage: Replace the harness.
- Loose terminal: Secure the terminal.
- Poor connection: Secure the connection.

2.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 3.
NO >> Refer to GI-41, "Intermittent Incident".

3.WIRING HARNESS

Check the wiring harness for visible damage.

NOTE:
The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace the harness.

4.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 5.
NO >> Refer to GI-41, "Intermittent Incident".

5.AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace the air bag diagnosis sensor unit. Refer to SR-31, "Removal and Installation".
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 6.
NO >> Clear DTC. Inspection End.

6.FRONT PASSENGER AIR BAG MODULE

1. Replace the front passenger air bag module. Refer to SR-17, "Removal and Installation".
2. Turn ignition switch ON.

3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 7.
NO >> Clear DTC. Inspection End.

7. RELATED HARNESS

Replace the related harness.

>> **END**

B1134 – B1137 SIDE AIRBAG MODULE LH

Description

INFOID:0000000009466498

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-7, "SRS Component Parts Location".

DTC Logic

INFOID:0000000009466499

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.	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.	

DTC CONFIRMATION PROCEDURE (With CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-22, "Diagnosis Procedure".
YES (Past DTC)>>GO TO 2.
NO >> Inspection End.

2.ERASE SELF-DIAG RESULT

Erase the DTC using CONSULT.

Can the DTC be erased?

YES >> Inspection End.
NO >> Refer to SRC-22, "Diagnosis Procedure".

DTC CONFIRMATION PROCEDURE (Without CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-14, "Trouble Diagnosis without CONSULT".

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

Is the DTC detected?

YES >> Refer to SRC-22, "Diagnosis Procedure".
NO >> Inspection End.

Diagnosis Procedure

INFOID:0000000009466500

1.HARNESS CONNECTOR

Visually inspect all applicable harness connectors for the following:
- Visible damage to connector or terminal
- Loose terminal
- Poor connection

NOTE:
All harness connectors should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 2.
NO >> Perform one of the following repairs:
- Visible damage: Replace the harness.
- Loose terminal: Secure the terminal.
- Poor connection: Secure the connection.

2.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 3.
NO >> Refer to GI-41, "Intermittent Incident".

3.WIRING HARNESS

Check the wiring harness for visible damage.

NOTE:
The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace the harness.

4.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 5.
NO >> Refer to GI-41, "Intermittent Incident".

5.AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace the air bag diagnosis sensor unit. Refer to SR-31, "Removal and Installation".
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 6.
NO >> Clear DTC. Inspection End.

6.SIDE AIR BAG MODULE LH

1. Replace the side air bag module LH. Refer to SR-21, "Removal and Installation".
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 7.
NO >> Clear DTC. Inspection End.

7.RELATED HARNESS

Replace the related harness.

>> **END**

B1129 – B1132 SIDE AIRBAG MODULE RH

Description

INFOID:0000000009466501

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-7, "SRS Component Parts Location".

DTC Logic

INFOID:0000000009466502

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.	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.	

DTC CONFIRMATION PROCEDURE (With CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-25, "Diagnosis Procedure".
YES (Past DTC)>>GO TO 2.
NO >> Inspection End.

2.ERASE SELF-DIAG RESULT

Erase the DTC using CONSULT.

Can the DTC be erased?

YES >> Inspection End.
NO >> Refer to SRC-25, "Diagnosis Procedure".

DTC CONFIRMATION PROCEDURE (Without CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-14, "Trouble Diagnosis without CONSULT".

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

Is the DTC detected?

YES >> Refer to SRC-25, "Diagnosis Procedure".
NO >> Inspection End.

Diagnosis Procedure

INFOID:0000000009466503

1.HARNESS CONNECTOR

Visually inspect all applicable harness connectors for the following:
- Visible damage to connector or terminal
- Loose terminal
- Poor connection

NOTE:
All harness connectors should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 2.
NO >> Perform one of the following repairs:
- Visible damage: Replace the harness.
- Loose terminal: Secure the terminal.
- Poor connection: Secure the connection.

2.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 3.
NO >> Refer to GI-41, "Intermittent Incident".

3.WIRING HARNESS

Check the wiring harness for visible damage.

NOTE:
The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace the harness.

4.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 5.
NO >> Refer to GI-41, "Intermittent Incident".

5.AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace the air bag diagnosis sensor unit. Refer to SR-31, "Removal and Installation".
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 6.
NO >> Clear DTC. Inspection End.

6.SIDE AIR BAG MODULE RH

1. Replace the side air bag module RH. Refer to SR-21, "Removal and Installation".
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 7.
NO >> Clear DTC. Inspection End.

7.RELATED HARNESS

Replace the related harness.

>> **END**

B1150 – B1153 SIDE CURTAIN AIR BAG MODULE LH

Description

INFOID:0000000009466504

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-7, "SRS Component Parts Location".

DTC Logic

INFOID:0000000009466505

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.	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.	

DTC CONFIRMATION PROCEDURE (With CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-28, "Diagnosis Procedure".
YES (Past DTC)>>GO TO 2.
NO >> Inspection End.

2.ERASE SELF-DIAG RESULT

Erase the DTC using CONSULT.

Can the DTC be erased?

YES >> Inspection End.
NO >> Refer to SRC-28, "Diagnosis Procedure".

DTC CONFIRMATION PROCEDURE (Without CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-14, "Trouble Diagnosis without CONSULT".

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

Is the DTC detected?

YES >> Refer to SRC-28, "Diagnosis Procedure".
NO >> Inspection End.

Diagnosis Procedure

INFOID:0000000009466506

1.HARNESS CONNECTOR

Visually inspect all applicable harness connectors for the following:
- Visible damage to connector or terminal
- Loose terminal
- Poor connection

NOTE:
All harness connectors should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 2.
NO >> Perform one of the following repairs:
- Visible damage: Replace the harness.
- Loose terminal: Secure the terminal.
- Poor connection: Secure the connection.

2.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 3.
NO >> Refer to GI-41, "Intermittent Incident".

3.WIRING HARNESS

Check the wiring harness for visible damage.

NOTE:
The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace the harness.

4.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 5.
NO >> Refer to GI-41, "Intermittent Incident".

5.AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace the air bag diagnosis sensor unit. Refer to SR-31, "Removal and Installation".
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 6.
NO >> Clear DTC. Inspection End.

6.SIDE CURTAIN AIR BAG MODULE LH

1. Replace the side curtain air bag module LH. Refer to SR-19, "Removal and Installation".
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 7.
NO >> Clear DTC. Inspection End.

7.RELATED HARNESS

Replace the related harness.

>> **END**

B1145 – B1148 SIDE CURTAIN AIR BAG MODULE RH

Description

INFOID:0000000009466507

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-7, "SRS Component Parts Location".

DTC Logic

INFOID:0000000009466508

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.	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.	

DTC CONFIRMATION PROCEDURE (With CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-31, "Diagnosis Procedure".
YES (Past DTC)>>GO TO 2.
NO >> Inspection End.

2.ERASE SELF-DIAG RESULT

Erase the DTC using CONSULT.

Can the DTC be erased?

YES >> Inspection End.
NO >> Refer to SRC-31, "Diagnosis Procedure".

DTC CONFIRMATION PROCEDURE (Without CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-14, "Trouble Diagnosis without CONSULT".

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

Is the DTC detected?

YES >> Refer to SRC-31, "Diagnosis Procedure".
NO >> Inspection End.

Diagnosis Procedure

INFOID:0000000009466509

1.HARNESS CONNECTOR

Visually inspect all applicable harness connectors for the following:
- Visible damage to connector or terminal
- Loose terminal
- Poor connection

NOTE:
All harness connectors should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 2.
NO >> Perform one of the following repairs:
- Visible damage: Replace the harness.
- Loose terminal: Secure the terminal.
- Poor connection: Secure the connection.

2.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 3.
NO >> Refer to GI-41, "Intermittent Incident".

3.WIRING HARNESS

Check the wiring harness for visible damage.

NOTE:
The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace the harness.

4.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 5.
NO >> Refer to GI-41, "Intermittent Incident".

5.AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace the air bag diagnosis sensor unit. Refer to SR-31, "Removal and Installation".
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 6.
NO >> Clear DTC. Inspection End.

6.SIDE CURTAIN AIR BAG MODULE RH

1. Replace the side curtain air bag module RH. Refer to SR-19, "Removal and Installation".
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 7.
NO >> Clear DTC. Inspection End.

7.RELATED HARNESS

Replace the related harness.

>> **END**

B1086 – B1089 SEAT BELT PRE-TENSIONER LH

Description

INFOID:0000000009466510

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-7, "SRS Component Parts Location".

DTC Logic

INFOID:0000000009466511

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.	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.	

DTC CONFIRMATION PROCEDURE (With CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-34, "Diagnosis Procedure".
YES (Past DTC)>>GO TO 2.
NO >> Inspection End.

2.ERASE SELF-DIAG RESULT

Erase the DTC using CONSULT.

Can the DTC be erased?

YES >> Inspection End.
NO >> Refer to SRC-34, "Diagnosis Procedure".

DTC CONFIRMATION PROCEDURE (Without CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-14, "Trouble Diagnosis without CONSULT".

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

Is the DTC detected?

YES >> Refer to SRC-34, "Diagnosis Procedure".
NO >> Inspection End.

Diagnosis Procedure

INFOID:0000000009466512

1.HARNESS CONNECTOR

Visually inspect all applicable harness connectors for the following:
- Visible damage to connector or terminal
- Loose terminal
- Poor connection

NOTE:
All harness connectors should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 2.
NO >> Perform one of the following repairs:
- Visible damage: Replace the harness.
- Loose terminal: Secure the terminal.
- Poor connection: Secure the connection.

2.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 3.
NO >> Refer to GI-41, "Intermittent Incident".

3.WIRING HARNESS

Check the wiring harness for visible damage.

NOTE:
The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace the harness.

4.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 5.
NO >> Refer to GI-41, "Intermittent Incident".

5.AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace the air bag diagnosis sensor unit. Refer to SR-31, "Removal and Installation".
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 6.
NO >> Clear DTC. Inspection End.

6.SEAT BELT PRE-TENSIONER LH

1. Replace the seat belt pre-tensioner LH. Refer to SB-6, "Removal and Installation".
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 7.
NO >> Clear DTC. Inspection End.

7.RELATED HARNESS

Replace the related harness.

>> **END**

B1081 – B1084 SEAT BELT PRE-TENSIONER RH

Description

INFOID:0000000009466513

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-7, "SRS Component Parts Location".

DTC Logic

INFOID:0000000009466514

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.	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.	

DTC CONFIRMATION PROCEDURE (With CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-37, "Diagnosis Procedure".
YES (Past DTC)>>GO TO 2.
NO >> Inspection End.

2.ERASE SELF-DIAG RESULT

Erase the DTC using CONSULT.

Can the DTC be erased?

YES >> Inspection End.
NO >> Refer to SRC-37, "Diagnosis Procedure".

DTC CONFIRMATION PROCEDURE (Without CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-14, "Trouble Diagnosis without CONSULT".

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

Is the DTC detected?

YES >> Refer to SRC-37, "Diagnosis Procedure".
NO >> Inspection End.

Diagnosis Procedure

INFOID:0000000009466515

1.HARNESS CONNECTOR

Visually inspect all applicable harness connectors for the following:
- Visible damage to connector or terminal
- Loose terminal
- Poor connection

NOTE:
All harness connectors should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 2.
NO >> Perform one of the following repairs:
- Visible damage: Replace the harness.
- Loose terminal: Secure the terminal.
- Poor connection: Secure the connection.

2.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 3.
NO >> Refer to GI-41, "Intermittent Incident".

3.WIRING HARNESS

Check the wiring harness for visible damage.

NOTE:
The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace the harness.

4.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 5.
NO >> Refer to GI-41, "Intermittent Incident".

5.AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace the air bag diagnosis sensor unit. Refer to SR-31, "Removal and Installation".
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 6.
NO >> Clear DTC. Inspection End.

6.SEAT BELT PRE-TENSIONER RH

1. Replace the seat belt pre-tensioner RH. Refer to SB-6, "Removal and Installation".
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 7.
NO >> Clear DTC. Inspection End.

7.RELATED HARNESS

Replace the related harness.

>> **END**

B1033 – B1035 CRASH ZONE SENSOR

Description

INFOID:0000000009466516

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-7, "SRS Component Parts Location".

DTC Logic

INFOID:0000000009466517

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. 4. Replace the air bag diagnosis sensor unit. 5. Replace the related harness.
	B1034		
CRASH ZONE SEN [COMM FAIL]	B1035	Crash zone sensor communication error.	

DTC CONFIRMATION PROCEDURE (With CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-40, "Diagnosis Procedure".
YES (Past DTC)>>GO TO 2.
NO >> Inspection End.

2.ERASE SELF-DIAG RESULT

Erase the DTC using CONSULT.

Can the DTC be erased?

YES >> Inspection End.
NO >> Refer to SRC-40, "Diagnosis Procedure".

DTC CONFIRMATION PROCEDURE (Without CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-14, "Trouble Diagnosis without CONSULT".

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

Is the DTC detected?

YES >> Refer to SRC-40, "Diagnosis Procedure".
NO >> Inspection End.

Diagnosis Procedure

INFOID:0000000009466518

1.HARNESS CONNECTOR

Visually inspect all applicable harness connectors for the following:
- Visible damage to connector or terminal
- Loose terminal
- Poor connection

NOTE:
All harness connectors should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 2.
NO >> Perform one of the following repairs:
- Visible damage: Replace the harness.
- Loose terminal: Secure the terminal.
- Poor connection: Secure the connection.

2.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 3.
NO >> Refer to GI-41, "Intermittent Incident".

3.WIRING HARNESS

Check the wiring harness for visible damage.
NOTE:
The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace the harness.

4.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 5.
NO >> Refer to GI-41, "Intermittent Incident".

5.AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace the air bag diagnosis sensor unit. Refer to SR-31, "Removal and Installation".
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 6.
NO >> Clear DTC. Inspection End.

6.CRASH ZONE SENSOR

1. Replace the crash zone sensor. Refer to SR-27, "Removal and Installation".
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 7.
NO >> Clear DTC. Inspection End.

7.RELATED HARNESS

Replace the related harness.

>> **END**

B1118 – B1120 SATELLITE SENSOR LH

Description

INFOID:0000000009466519

DTC B1118 – B1120 SATELLITE SENSOR LH

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

PART LOCATION

Refer to SRC-7, "SRS Component Parts Location".

DTC Logic

INFOID:0000000009466520

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
SATELLITE SENS LH [UNIT FAIL]	B1118 B1119	LH side air bag satellite sensor has malfunctioned.	1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the LH side air bag satellite sensor. 4. Replace the air bag diagnosis sensor unit. 5. Replace the related harness.
SATELLITE SENS LH [COMM FAIL]	B1120	LH side air bag satellite sensor communication error.	

DTC CONFIRMATION PROCEDURE (With CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-42, "Diagnosis Procedure".
YES (Past DTC)>>GO TO 2.
NO >> Inspection End.

2.ERASE SELF-DIAG RESULT

Erase the DTC using CONSULT.

Can the DTC be erased?

YES >> Inspection End.
NO >> Refer to SRC-42, "Diagnosis Procedure".

DTC CONFIRMATION PROCEDURE (Without CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-14, "Trouble Diagnosis without CONSULT".

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

Is the DTC detected?

YES >> Refer to SRC-42, "Diagnosis Procedure".
NO >> Inspection End.

Diagnosis Procedure

INFOID:0000000009466521

1.HARNESS CONNECTOR

Visually inspect all applicable harness connectors for the following:
- Visible damage to connector or terminal
- Loose terminal
- Poor connection

NOTE:
All harness connectors should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 2.
NO >> Perform one of the following repairs:
- Visible damage: Replace the harness.
- Loose terminal: Secure the terminal.
- Poor connection: Secure the connection.

2.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 3.
NO >> Refer to GI-41, "Intermittent Incident".

3.WIRING HARNESS

Check the wiring harness for visible damage.
NOTE:
The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace the harness.

4.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 5.
NO >> Refer to GI-41, "Intermittent Incident".

5.AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace the air bag diagnosis sensor unit. Refer to SR-31, "Removal and Installation".
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 6.
NO >> Clear DTC. Inspection End.

6.LH SIDE AIR BAG SATELLITE SENSOR

1. Replace the LH side air bag satellite sensor. Refer to SR-29, "Removal and Installation".
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 7.
NO >> Clear DTC. Inspection End.

7.RELATED HARNESS

Replace the related harness.

>> **END**

B1113 – B1115 SATELLITE SENSOR RH

Description

INFOID:0000000009466522

DTC B1113 – B1115 SATELLITE SENSOR RH

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

PART LOCATION

Refer to SRC-7, "SRS Component Parts Location".

DTC Logic

INFOID:0000000009466523

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
SATELLITE SENS RH [UNIT FAIL]	B1113	RH side air bag satellite sensor has malfunctioned.	1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the RH side air bag satellite sensor. 4. Replace the air bag diagnosis sensor unit. 5. Replace the related harness.
	B1114		
SATELLITE SENS RH [COMM FAIL]	B1115	RH side air bag satellite sensor communication error.	

DTC CONFIRMATION PROCEDURE (With CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-44, "Diagnosis Procedure".
YES (Past DTC)>>GO TO 2.
NO >> Inspection End.

2.ERASE SELF-DIAG RESULT

Erase the DTC using CONSULT.

Can the DTC be erased?

YES >> Inspection End.
NO >> Refer to SRC-44, "Diagnosis Procedure".

DTC CONFIRMATION PROCEDURE (Without CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-14, "Trouble Diagnosis without CONSULT".

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

Is the DTC detected?

YES >> Refer to SRC-44, "Diagnosis Procedure".
NO >> Inspection End.

Diagnosis Procedure

INFOID:0000000009466524

1.HARNESS CONNECTOR

Visually inspect all applicable harness connectors for the following:
- Visible damage to connector or terminal
- Loose terminal
- Poor connection

NOTE:
All harness connectors should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 2.
NO >> Perform one of the following repairs:
- Visible damage: Replace the harness.
- Loose terminal: Secure the terminal.
- Poor connection: Secure the connection.

2.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 3.
NO >> Refer to GI-41, "Intermittent Incident".

3.WIRING HARNESS

Check the wiring harness for visible damage.
NOTE:
The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace the harness.

4.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 5.
NO >> Refer to GI-41, "Intermittent Incident".

5.AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace the air bag diagnosis sensor unit. Refer to SR-31, "Removal and Installation".
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 6.
NO >> Clear DTC. Inspection End.

6.RH SIDE AIR BAG SATELLITE SENSOR

1. Replace the RH side air bag satellite sensor. Refer to SR-29, "Removal and Installation".
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 7.
NO >> Clear DTC. Inspection End.

7.RELATED HARNESS

Replace the related harness.

>> **END**

B1XXX AIR BAG DIAGNOSIS SENSOR UNIT

Description

INFOID:0000000009466525

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-54, "Trouble Diagnosis with CONSULT".

PART LOCATION

Refer to SRC-7, "SRS Component Parts Location".

DTC Logic

INFOID:0000000009466526

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.

DTC CONFIRMATION PROCEDURE (With CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-46, "Diagnosis Procedure".
YES (Past DTC)>>GO TO 2.
NO >> Inspection End.

2.ERASE SELF-DIAG RESULT

Erase the DTC using CONSULT.

Can the DTC be erased?

YES >> Inspection End.
NO >> Refer to SRC-46, "Diagnosis Procedure".

DTC CONFIRMATION PROCEDURE (Without CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-14, "Trouble Diagnosis without CONSULT".

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

Is the DTC detected?

YES >> Refer to SRC-46, "Diagnosis Procedure".
NO >> Inspection End.

Diagnosis Procedure

INFOID:0000000009466527

1.HARNESS CONNECTOR

Visually inspect all applicable harness connectors for the following:
- Visible damage to connector or terminal
- Loose terminal
- Poor connection

NOTE:
All harness connectors should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 2.
NO >> Perform one of the following repairs:
- Visible damage: Replace the harness.
- Loose terminal: Secure the terminal.
- Poor connection: Secure the connection.

2.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 3.
NO >> Refer to GI-41, "Intermittent Incident".

3.WIRING HARNESS

Check the wiring harness for visible damage.
NOTE:
The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace the harness.

4.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 5.
NO >> Refer to GI-41, "Intermittent Incident".

5.AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace the air bag diagnosis sensor unit. Refer to SR-31, "Removal and Installation".
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 6.
NO >> Clear DTC. Inspection End.

6.RELATED HARNESS

Replace the related harness.

>> **END**

B1023 PASSENGER AIR BAG OFF INDICATOR

Description

INFOID:0000000009466528

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-7, "SRS Component Parts Location".

DTC Logic

INFOID:0000000009466529

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.	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.

DTC CONFIRMATION PROCEDURE (With CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-48, "Diagnosis Procedure".
YES (Past DTC)>>GO TO 2.
NO >> Inspection End.

2.ERASE SELF-DIAG RESULT

Erase the DTC using CONSULT.

Can the DTC be erased?

YES >> Inspection End.
NO >> Refer to SRC-48, "Diagnosis Procedure".

DTC CONFIRMATION PROCEDURE (Without CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-14, "Trouble Diagnosis without CONSULT".

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

Is the DTC detected?

YES >> Refer to SRC-48, "Diagnosis Procedure".
NO >> Inspection End.

Diagnosis Procedure

INFOID:0000000009466530

1.HARNESS CONNECTOR

Visually inspect all applicable harness connectors for the following:
- Visible damage to connector or terminal
- Loose terminal

- Poor connection

NOTE:
All harness connectors should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 2.
NO >> Perform one of the following repairs:
- Visible damage: Replace the harness.
- Loose terminal: Secure the terminal.
- Poor connection: Secure the connection.

2.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 3.
NO >> Refer to GI-41, "Intermittent Incident".

3.WIRING HARNESS

Check the wiring harness for visible damage.

NOTE:
The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace the harness.

4.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 5.
NO >> Refer to GI-41, "Intermittent Incident".

5.AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace the air bag diagnosis sensor unit. Refer to SR-31, "Removal and Installation".
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 6.
NO >> Clear DTC. Inspection End.

6.PASSENGER AIR BAG OFF INDICATOR

1. Replace the passenger air bag off indicator. Refer to IP-11, "Removal and Installation".
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 7.
NO >> Clear DTC. Inspection End.

7.RELATED HARNESS

Replace the related harness.

>> **END**

B1017 – B1022 OCCUPANT CLASSIFICATION SYSTEM

Description

INFOID:0000000009466531

DTC B1017 – B1022 OCCUPANT CLASSIFICATION SYSTEM (OCS)

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

PART LOCATION

Refer to SRC-7, "SRS Component Parts Location".

DTC Logic

INFOID:0000000009466532

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. Replace the RH front seat cushion assembly. Do not disassemble the seat cushion assembly.
	B1020		
	B1021		
OCCUPANT SENS [UNIT FAIL]	B1018	The OCS sensor mat is malfunctioning.	
OCCUPANT SENS [OTHER FAIL]	B1019	The OCS is malfunctioning.	
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 connection. 2. Replace the harness if it has visible damage. 3. Replace the RH front seat cushion assembly. Do not disassemble the seat cushion assembly. 4. Replace the air bag diagnosis sensor unit.

DTC CONFIRMATION PROCEDURE (With CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-51, "Diagnosis Procedure".
YES (Past DTC)>>GO TO 2.
NO >> Inspection End.

2.ERASE SELF-DIAG RESULT

Erase the DTC using CONSULT.

Can the DTC be erased?

YES >> Inspection End.
NO >> Refer to SRC-51, "Diagnosis Procedure".

DTC CONFIRMATION PROCEDURE (Without CONSULT)

1.CHECK SELF-DIAG RESULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-14, "Trouble Diagnosis without CONSULT".

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

Is the DTC detected?

YES >> Refer to SRC-51, "Diagnosis Procedure".
NO >> Inspection End.

Diagnosis Procedure

INFOID:0000000009466533

1.HARNESS CONNECTOR

Visually inspect all applicable harness connectors for the following:
- Visible damage to connector or terminal
- Loose terminal
- Poor connection

NOTE:
All harness connectors should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 2.
NO >> Perform one of the following repairs:
- Visible damage: Replace the harness.
- Loose terminal: Secure the terminal.
- Poor connection: Secure the connection.

2.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 3.
NO >> Refer to GI-41, "Intermittent Incident".

3.WIRING HARNESS

Check the wiring harness for visible damage.

NOTE:
The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace the harness.

4.CONFIRM DTC

1. Reconnect all harness connectors.
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 5.
NO >> Refer to GI-41, "Intermittent Incident".

5.AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace the air bag diagnosis sensor unit. Refer to SR-31, "Removal and Installation".
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 6.
NO >> Clear DTC. Inspection End.

6.RH FRONT SEAT CUSHION ASSEMBLY

1. Replace the RH front seat cushion assembly. Refer to SE-68, "Removal and Installation" (with climate controlled seats) or SE-126, "Removal and Installation" (without climate controlled seats).
2. Turn ignition switch ON.
3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 7.
NO >> Clear DTC. Inspection End.

7. RELATED HARNESS

Replace the related harness.

>> **END**

B1209 – B1210 COLLISION DETECTION

Description

INFOID:0000000009466534

DTC B1209 - B1210 COLLISION DETECTION

The air bag diagnosis sensor unit will set this DTC if it has detected a collision which has resulted in a frontal or side 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-7, "SRS Component Parts Location".

DTC Logic

INFOID:0000000009466535

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 USA AND CANADA : For Frontal Collision".
SIDE COLLISION DETECTION	B1210	Side and/or curtain air bag modules are deployed.	Refer to SR-7, "FOR USA AND CANADA : For Side and Rollover Collision".

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-53, "Diagnosis Procedure".
NO >> Inspection End.

Diagnosis Procedure

INFOID:0000000009466536

Refer to SR-5, "FOR USA AND CANADA : For Frontal Collision" or SR-7, "FOR USA AND CANADA : For Side and Rollover Collision".

ECU DIAGNOSIS INFORMATION

DIAGNOSIS SENSOR UNIT

Trouble Diagnosis with CONSULT

INFOID:0000000009466537

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).	1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Inspect 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).	
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.	

CONSULT name	DTC	DTC detecting condition	Repair order
SIDE MODULE LH [OPEN]	B1134	Front LH side air bag module circuit 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 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.	
SIDE MODULE RH [OPEN]	B1129	Front RH side air bag module circuit 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 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.	
CURTAIN MODULE LH [OPEN]	B1150	LH side curtain air bag module circuit 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 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.	
CURTAIN MODULE RH [OPEN]	B1145	RH side curtain air bag module circuit 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 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.	
PRE-TEN FRONT LH [OPEN]	B1086	LH seat belt pre-tensioner circuit is open.	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.	
PRE-TEN FRONT RH [OPEN]	B1081	RH seat belt pre-tensioner circuit is open.	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.	
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. 4. Replace the air bag diagnosis sensor unit. 5. Replace the related harness.
	B1034		
CRASH ZONE SEN [COMM FAIL]	B1035	Crash zone sensor communication error.	

CONSULT name	DTC	DTC detecting condition	Repair order
SATELLITE SENS LH [UNIT FAIL]	B1118 B1119	LH side air bag satellite sensor has malfunctioned.	1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the LH side air bag satellite sensor. 4. Replace the air bag diagnosis sensor unit. 5. Replace the related harness.
SATELLITE SENS LH [COMM FAIL]	B1120	LH side air bag satellite sensor communication error.	
SATELLITE SENS RH [UNIT FAIL]	B1113 B1114	RH side air bag satellite sensor has malfunctioned.	1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the RH side air bag satellite sensor. 4. Replace the air bag diagnosis sensor unit. 5. Replace the related harness.
SATELLITE SENS RH [COMM FAIL]	B1115	RH side air bag satellite sensor communication error.	
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.
PASS A/B INDCTR CKT	B1023	Front passenger air bag OFF indicator is malfunctioning.	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.
OCCUPANT SENS C/U [UNIT FAIL]	B1017 B1020 B1021	The OCS control unit is malfunctioning.	1. Replace the RH front seat cushion assembly. Do not disassemble the seat cushion assembly.
OCCUPANT SENS [UNIT FAIL]	B1018	The OCS sensor mat is malfunctioning.	
OCCUPANT SENS [OTHER FAIL]	B1019	The OCS is malfunctioning.	
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 connection. 2. Replace the harness if it has visible damage. 3. Replace the RH front seat cushion assembly. Do not disassemble the seat cushion assembly. 4. Replace the air bag diagnosis sensor unit.
FRONTAL COLLISION DETECTION	B1209	Driver and/or front passenger air bag modules are deployed.	Refer to SR-5, "FOR USA AND CANADA : For Frontal Collision".
SIDE COLLISION DETECTION	B1210	Side and/or curtain air bag modules are deployed.	Refer to SR-7, "FOR USA AND CANADA : For Side and Rollover Collision".

Trouble Diagnosis without CONSULT

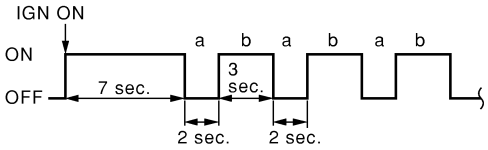
INFOID:0000000009466538

WARNING LAMP FLASH CODE CHART

NOTE:

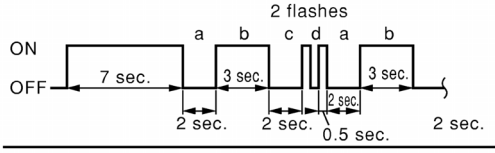
Follow the procedures in numerical order when repairing malfunctioning parts. Confirm whether malfunction is eliminated using air bag warning lamp each time repair is finished. If malfunction is still observed, proceed to the next step. When malfunction is eliminated, further repair work is not required.

<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
a through b are repeated. 	1. Go to DIAGNOSTIC PROCEDURES 2 and 3.

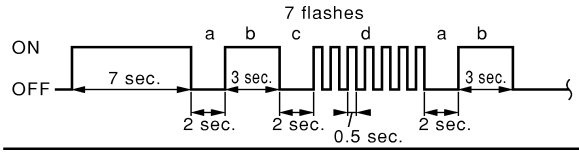
SHIA0026E

<Driver air bag module>

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

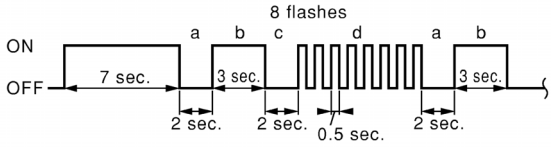
AWHIA0311GB

<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.

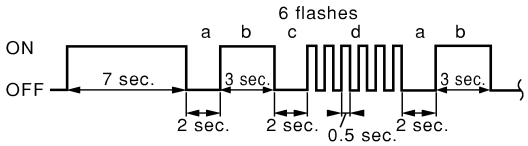
WHIA0198E

<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.

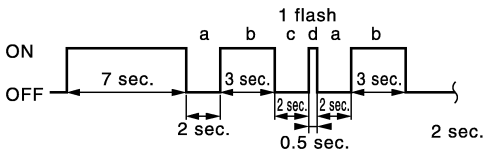
AWHIA0312GB

<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.

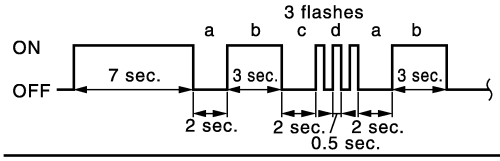
WHIA0200E

<Front RH seat belt pre-tensioner>

Flash pattern	Repair order
a through d are repeated. d: One flash indicates malfunctioning front RH seat belt pre-tensioner circuit. 	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.

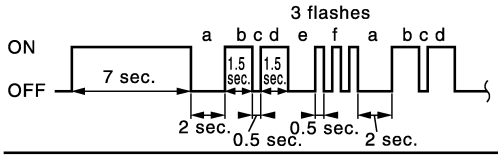
WHIA0262E

<Front LH seat belt pre-tensioner>

Flash pattern	Repair order
a through d are repeated. d: Three flashes indicate malfunctioning front LH seat belt pre-tensioner circuit. 	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.

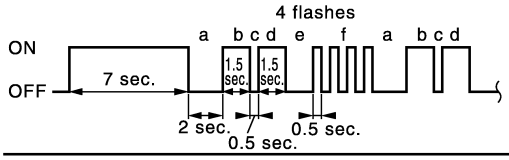
WHIA0263E

<RH side air bag (Satellite) sensor>

Flash pattern	Repair order
a through f are repeated. f: Three flashes indicate malfunctioning RH side air bag (Satellite) sensor circuit. 	1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the RH side air bag (Satellite) sensor. 4. Replace the air bag diagnosis sensor unit. 5. Replace the related harness.

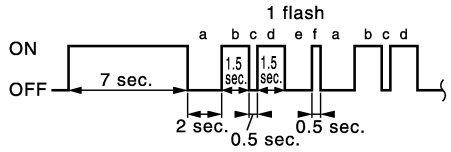
WHIA0203E

<LH side air bag (Satellite) sensor>

Flash pattern	Repair order
a through f are repeated. f: Four flashes indicate malfunctioning LH side air bag (Satellite) sensor. 	1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the LH side air bag (Satellite) sensor. 4. Replace the air bag diagnosis sensor unit. 5. Replace the related harness.

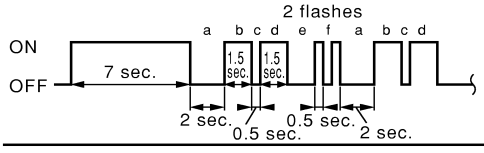
WHIA0204E

<Front RH side air bag module>

Flash pattern	Repair order
a through f are repeated. f: One flash indicate malfunctioning front RH side 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 the front RH side air bag module. 5. Replace the related harness.

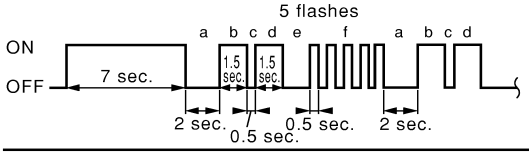
AWHIA0305GB

<Front LH side air bag module>

Flash pattern	Repair order
a through f are repeated. f: Two flashes indicate malfunctioning front LH side 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 the front LH side air bag module. 5. Replace the related harness.

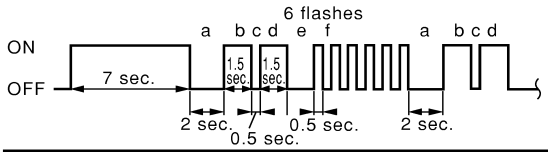
AWHIA0304GB

<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. 	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.

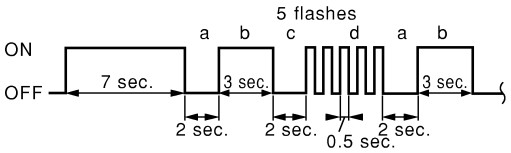
AWHIA0308GB

<LH side curtain air bag module>

Flash pattern	Repair order
a through f are repeated. f: Six flashes indicate malfunctioning LH side curtain 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 LH side curtain air bag module. 5. Replace the related harness.

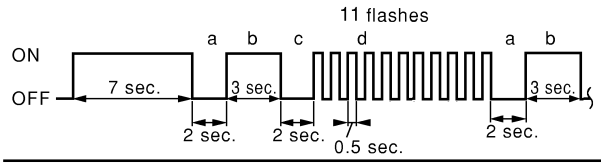
AWHIA0309GB

<Occupant classification system>

Flash pattern	Repair order
a through d are repeated. d: Five flashes indicate malfuntioning occupant classification system control unit. 	1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the RH front seat cushion occupant classification system control unit assembly. 4. Replace the air bag diagnosis sensor unit.

WHIA0211E

<Front passenger air bag off indicator>

Flash pattern	Repair order
a through d are repeated. d: Eleven flashes indicate malfunctioning front passenger air bag off indicator. 	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.

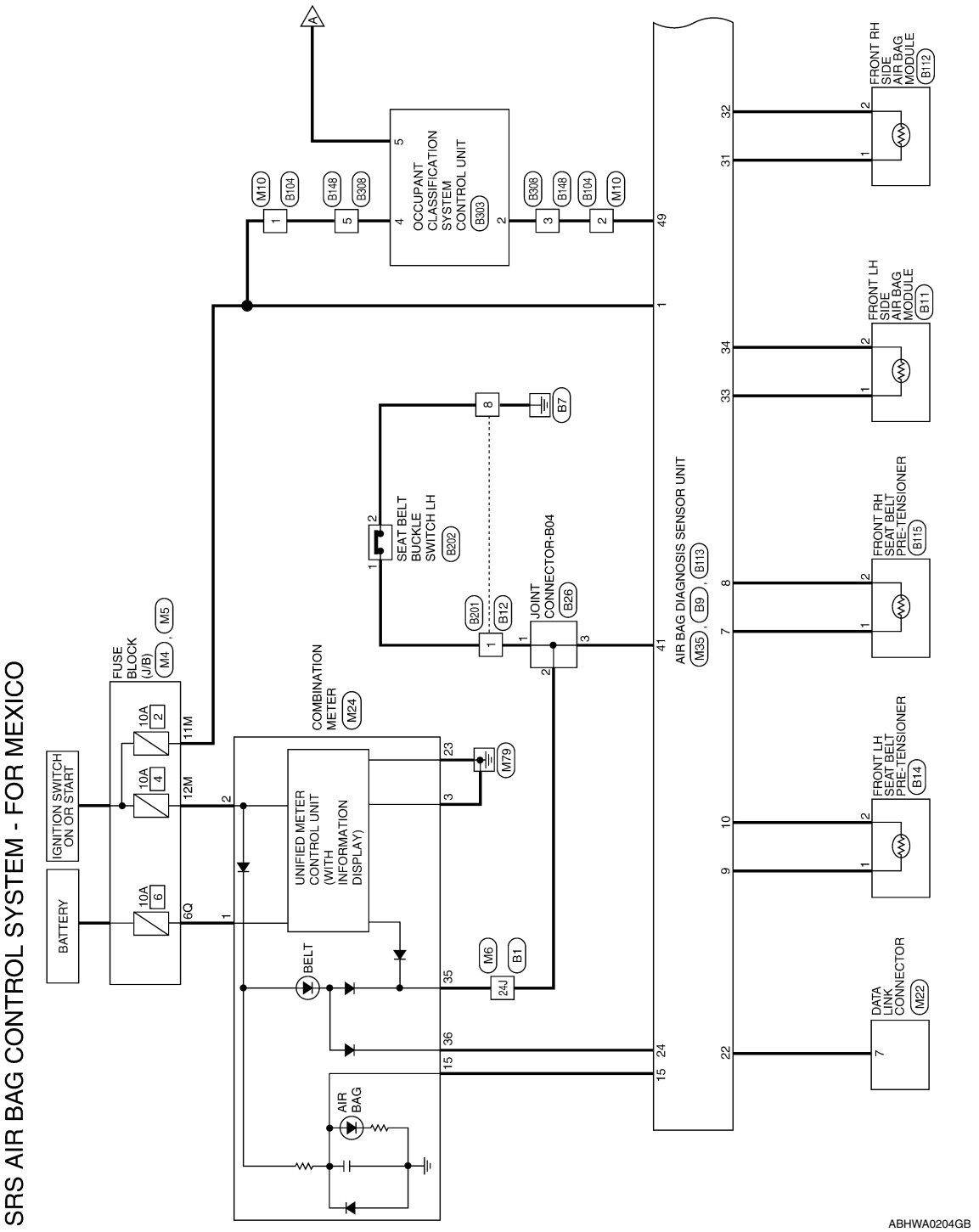
WHIA0212E

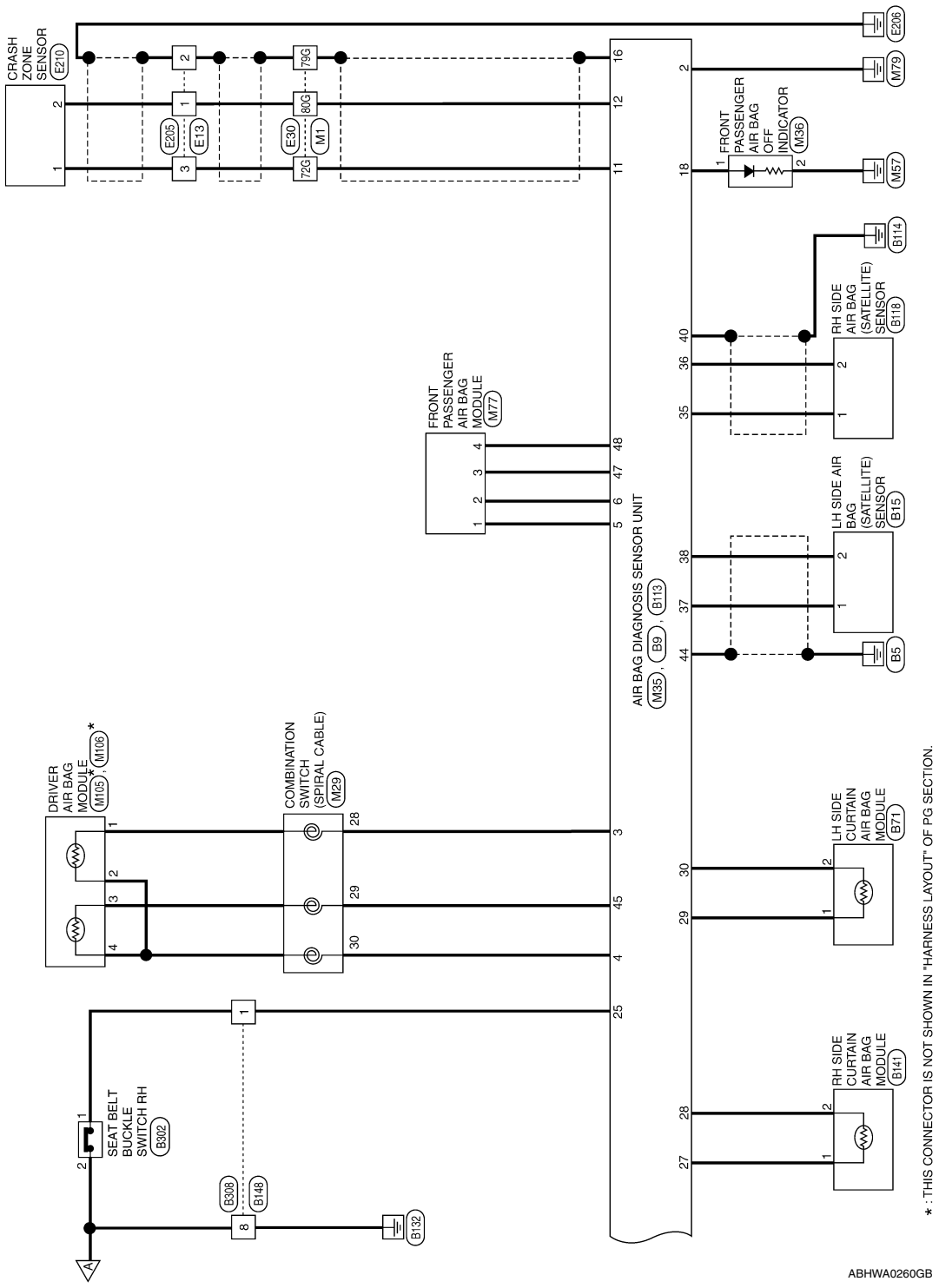
WIRING DIAGRAM

SRS AIR BAG CONTROL SYSTEM

Wiring Diagram - For Mexico

INFOID:0000000009466539




CRASH ZONE SENSOR E210
E205
E13
E30
M1
79G
80G
72G
E206
M79
M57
FRONT PASSENGER AIR BAG OFF INDICATOR M36
B114
RH SIDE AIR BAG (SATELLITE) SENSOR B118
FRONT PASSENGER AIR BAG MODULE M77
LH SIDE AIR BAG (SATELLITE) SENSOR B15
B5
AIR BAG DIAGNOSIS SENSOR UNIT M35, B9, B113
DRIVER AIR BAG MODULE M105, M106 *
COMBINATION SWITCH (SPIRAL CABLE) M29
LH SIDE CURTAIN AIR BAG MODULE B71
RH SIDE CURTAIN AIR BAG MODULE B141
SEAT BELT BUCKLE SWITCH RH B302
B308
B148
B132
A
* : THIS CONNECTOR IS NOT SHOWN IN "HARNESS LAYOUT" OF PG SECTION.
ABHWA0260GB

SRS AIR BAG CONTROL SYSTEM CONNECTORS - FOR MEXICO

Connector No.	M1
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

9G	8G	7G	6G	5G	4G	3G		1G
17G	16G	15G	14G	13G	12G	11G	10G	2G
26G	25G	24G	23G	22G	21G	20G		
34G	33G	32G	31G	30G	29G	28G	27G	19G	18G
41G	40G	39G	38G	37G	36G	35G		
50G	49G	48G	47G	46G	45G	44G	43G	42G
58G	57G	56G	55G					
63G	62G	61G	60G	59G	54G	53G	52G	51G
72G	71G	70G	69G	68G	67G	66G		
80G	79G	78G	77G	76G	75G	74G	73G	65G	64G
				83G		82G		81G	

Terminal No.	Color of Wire	Signal Name
72G	L/G	–
79G	SHIELD	–
80G	L/R	–

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

H.S.

4Q	3Q		2Q	1Q
10Q	9Q	8Q	7Q	6Q	5Q

Terminal No.	Color of Wire	Signal Name
6Q	Y/R	–

Connector No.	M5
Connector Name	FUSE BLOCK (J/B)
Connector Color	WHITE

H.S.

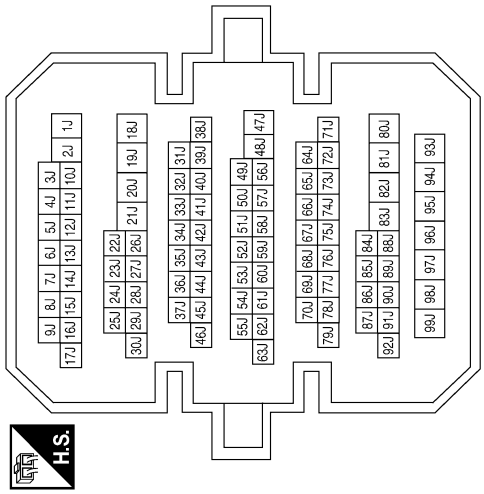
5M	4M		3M	2M	1M
12M	11M	10M	9M	8M	7M	6M

Terminal No.	Color of Wire	Signal Name
11M	R/L	–
12M	O	–

ABHIA0531GB

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Color	WHITE

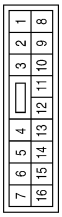
H.S.



Terminal No.	Color of Wire	Signal Name
24J	W/B	–

Connector No.	M10
Connector Name	WIRE TO WIRE
Connector Color	WHITE

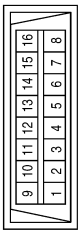
H.S.



Terminal No.	Color of Wire	Signal Name
1	R/L	–
2	L/B	–

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

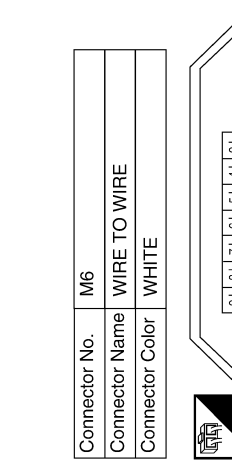
H.S.



Terminal No.	Color of Wire	Signal Name
7	O	–

Connector No.	M24
Connector Name	COMBINATION METER
Connector Color	WHITE

H.S.



Terminal No.	Color of Wire	Signal Name
1	Y/R	BAT
2	O	IGN

Terminal No.	Color of Wire	Signal Name
3	B	GND (POWER)
15	BR/W	AIR BAG
23	B	GND (CIRCUIT)
35	W/B	DR BELT
36	L/W	AS BELT

Connector No.	M29
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Color	YELLOW

H.S.

Terminal No.	Color of Wire	Signal Name
28	Y/R	–
29	Y/V	–
30	Y	–

ABHIA0723GB

Connector No.	M35
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT (FOR MEXICO)
Connector Color	YELLOW

H.S.

24	49	1
48	47	45	3	4	6	5
15				18		2
22	11					
16	12					

Terminal No.	Color of Wire	Signal Name
1	R/L	IGN
2	B	GND
3	Y/R	DR1 (+)
4	Y	DR1 (-) & DR2 (-)
5	Y/BR	AS1 (+)
6	Y/G	AS1 (-)
11	L/G	ECZS (+)
12	L/R	ECZS (-)

Terminal No.	Color of Wire	Signal Name
15	BR/W	AIRBAG W/L
16	SHIELD	GND
18	V	CUTOFF TELLTALE
22	O	K-LINE
24	L/W	SEAT BELT REMINDER
45	Y/V	DR2 (+)
47	Y	AS2 (+)
48	Y/B	AS2 (-)
49	L/B	ODS INPUT

Connector No.	M36
Connector Name	FRONT PASSENGER AIR BAG OFF INDICATOR
Connector Color	WHITE

H.S.

1	2

Terminal No.	Color of Wire	Signal Name
1	V	–
2	B	–

Connector No.	M77
Connector Name	FRONT PASSENGER AIR BAG MODULE
Connector Color	YELLOW

H.S.

4	3	2	1

Terminal No.	Color of Wire	Signal Name
1	Y/BR	–
2	Y/G	–
3	Y	–
4	Y/B	–

Connector No.	M105
Connector Name	DRIVER AIR BAG MODULE
Connector Color	YELLOW

H.S.

1	2

Terminal No.	Color of Wire	Signal Name
1	–	–
2	–	–

Connector No.	M106
Connector Name	DRIVER AIR BAG MODULE
Connector Color	ORANGE

H.S.

3	4

Terminal No.	Color of Wire	Signal Name
3	–	–
4	–	–

ABHIA0719GB

Connector No.	E13
Connector Name	WIRE TO WIRE
Connector Color	BLACK

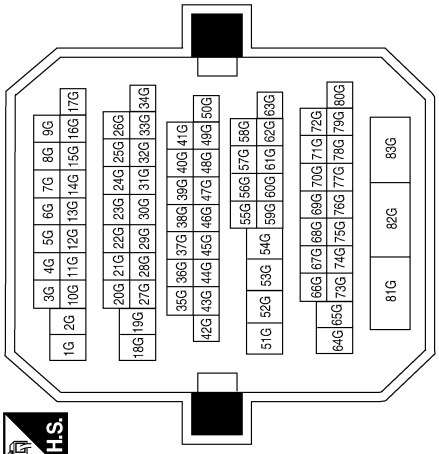
H.S.

1 2 3

Terminal No.	Color of Wire	Signal Name
1	L/O	–
2	SHIELD	–
3	W/L	–

Connector No.	E30
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.



Terminal No.	Color of Wire	Signal Name
72G	W/L	–
79G	SHIELD	–
80G	L/O	–

Connector No.	E205
Connector Name	WIRE TO WIRE
Connector Color	BLACK

H.S.

3 2 1

Terminal No.	Color of Wire	Signal Name
1	L/R	–
2	SHIELD	–
3	L/G	–

Connector No.	E210
Connector Name	CRASH ZONE SENSOR
Connector Color	YELLOW

H.S.

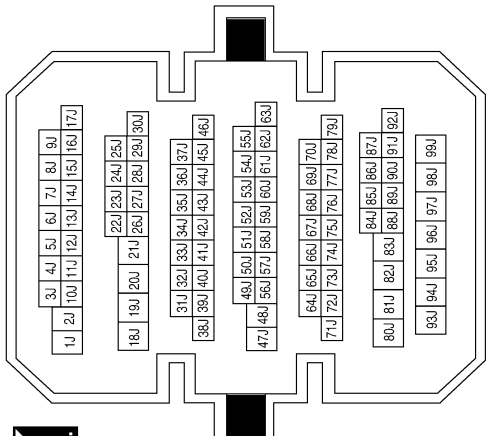
1 2

Terminal No.	Color of Wire	Signal Name
1	L/G	–
2	L/R	–

AAHIA0005GB

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Color	WHITE

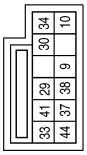
H.S.



Terminal No.	Color of Wire	Signal Name
24J	GR	–

Connector No.	B9
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT (FOR MEXICO)
Connector Color	YELLOW

H.S.



Terminal No.	Color of Wire	Signal Name
9	Y/G	PLH1 (+)
10	Y/V	PLH1 (-)
29	Y	CLH1 (+)
30	BR	CLH1 (-)
33	Y/R	SLH (+)
34	Y/B	SLH (-)
37	R	SATELLITE LH (+)
38	G	SATELLITE LH (-)
41	GR	LH BUCKLE SW INPUT
44	SHIELD	GND

Connector No.	B11
Connector Name	FRONT LH SIDE AIR BAG MODULE
Connector Color	YELLOW

H.S.

Terminal No.	Color of Wire	Signal Name
1	Y/R	–
2	Y/B	–

Connector No.	B12
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

Terminal No.	Color of Wire	Signal Name
1	GR	–
8	B/W	–

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

H.S.

Terminal No.	Color of Wire	Signal Name
1	Y/G	–
2	Y/V	–

ABHIA0725GB

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

H.S.

Terminal No.	Color of Wire	Signal Name
1	R	–
2	G	–

Connector No.	B26
Connector Name	JOINT CONNECTOR-B04
Connector Color	WHITE

H.S.

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

Connector No.	B71
Connector Name	LH SIDE CURTAIN AIR BAG MODULE
Connector Color	YELLOW

H.S.

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

Connector No.	B104
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

Terminal No.	Color of Wire	Signal Name
1	V	–
2	BR	–

Connector No.	B112
Connector Name	FRONT RH SIDE AIR BAG MODUL
Connector Color	YELLOW

H.S.

Terminal No.	Color of Wire	Signal Name
1	Y/R	–
2	Y/B	–

Connector No.	B113
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT (FOR MEXICO)
Connector Color	YELLOW

H.S.

Terminal No.	Color of Wire	Signal Name
7	Y/G	PRH1 (+)
8	Y/V	PRH1 (-)
25	L	RH BUCKLE SW INPUT
27	Y	CRH1 (+)
28	O	CRH1 (-)
31	Y/R	SRH (+)
32	Y/B	SRH (-)
35	R	SATELLITE RH (+)
36	G	SATELLITE RH (-)
40	SHIELD	GND

ABHIA0720GB

Connector No.	B115
Connector Name	FRONT RH SEAT BELT PRE-TENSIONER
Connector Color	YELLOW

H.S.

Terminal No.	Color of Wire	Signal Name
1	Y/G	–
2	Y/V	–

Connector No.	B118
Connector Name	RH SIDE AIR BAG (SATELLITE) SENSOR
Connector Color	YELLOW

H.S.

Terminal No.	Color of Wire	Signal Name
1	R	–
2	G	–

Connector No.	B141
Connector Name	RH SIDE CURTAIN AIR BAG MODULE
Connector Color	YELLOW

H.S.

Terminal No.	Color of Wire	Signal Name
1	Y	–
2	O	–

Connector No.	B148
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

Terminal No.	Color of Wire	Signal Name
1	L	–
3	BR	–
5	V	–
8	B	–

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

Terminal No.	Color of Wire	Signal Name
1	L	–
8	B	–

Connector No.	B202
Connector Name	SEAT BELT BUCKLE SWITCH LH
Connector Color	WHITE

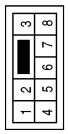
H.S.

Terminal No.	Color of Wire	Signal Name
1	L	–
2	B	–

ABHIA0726GB

Connector No.	B308
Connector Name	WIRE TO WIRE
Connector Color	WHITE

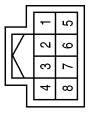
H.S.



Terminal No.	Color of Wire	Signal Name
1	L	–
3	L/B	–
5	R/L	–
8	B	–

Connector No.	B303
Connector Name	OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT
Connector Color	WHITE

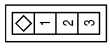
H.S.



Terminal No.	Color of Wire	Signal Name
1	–	–
2	L/B	SIGNAL
3	–	–
4	R/L	POWER SUPPLY (+)
5	B	GND
6	–	–
7	–	–
8	–	–

Connector No.	B302
Connector Name	SEAT BELT BUCKLE SWITCH RH
Connector Color	WHITE

H.S.



Terminal No.	Color of Wire	Signal Name
1	L	–
2	B	–

ABHIA0721GB

Wiring Diagram - Except Mexico

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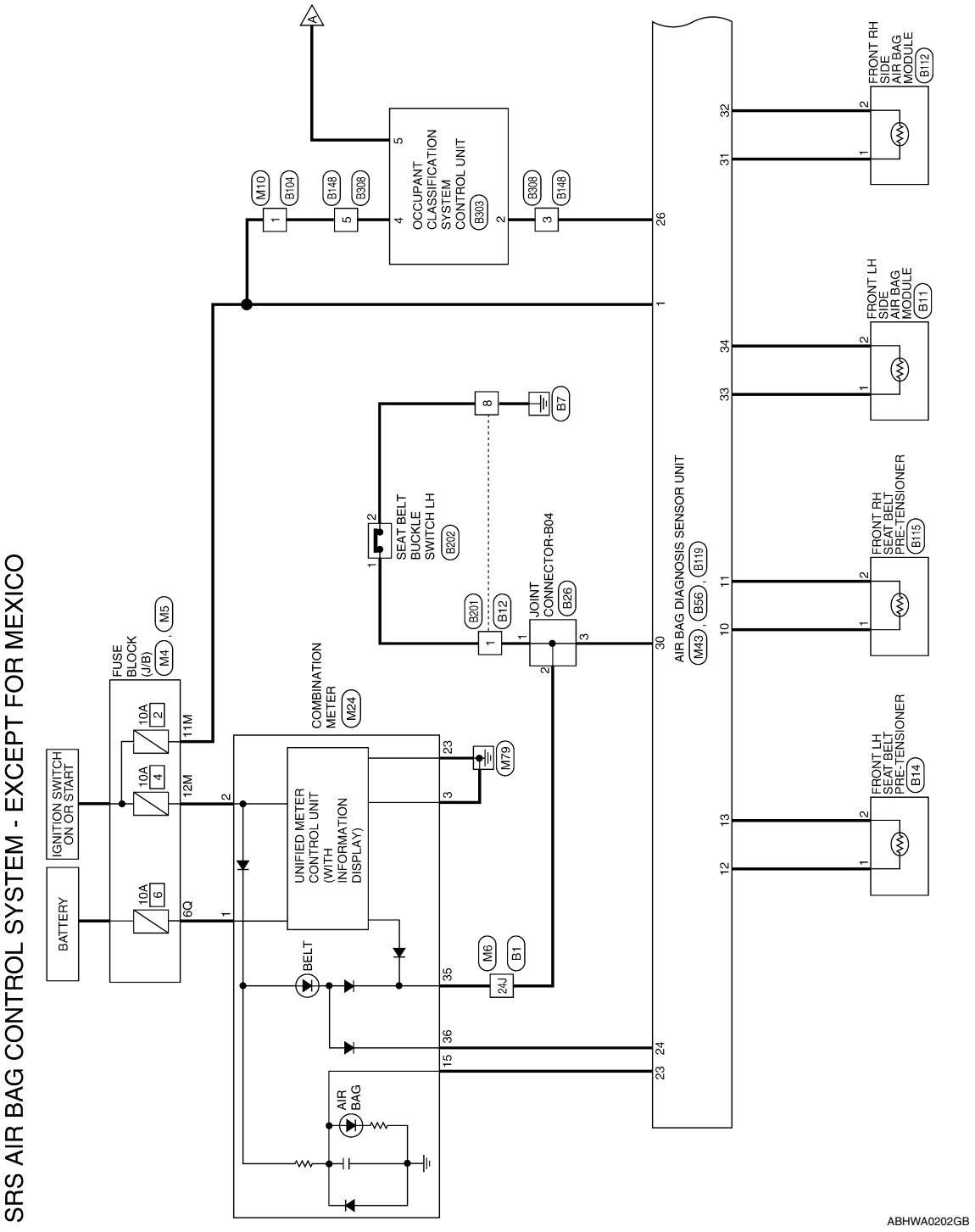
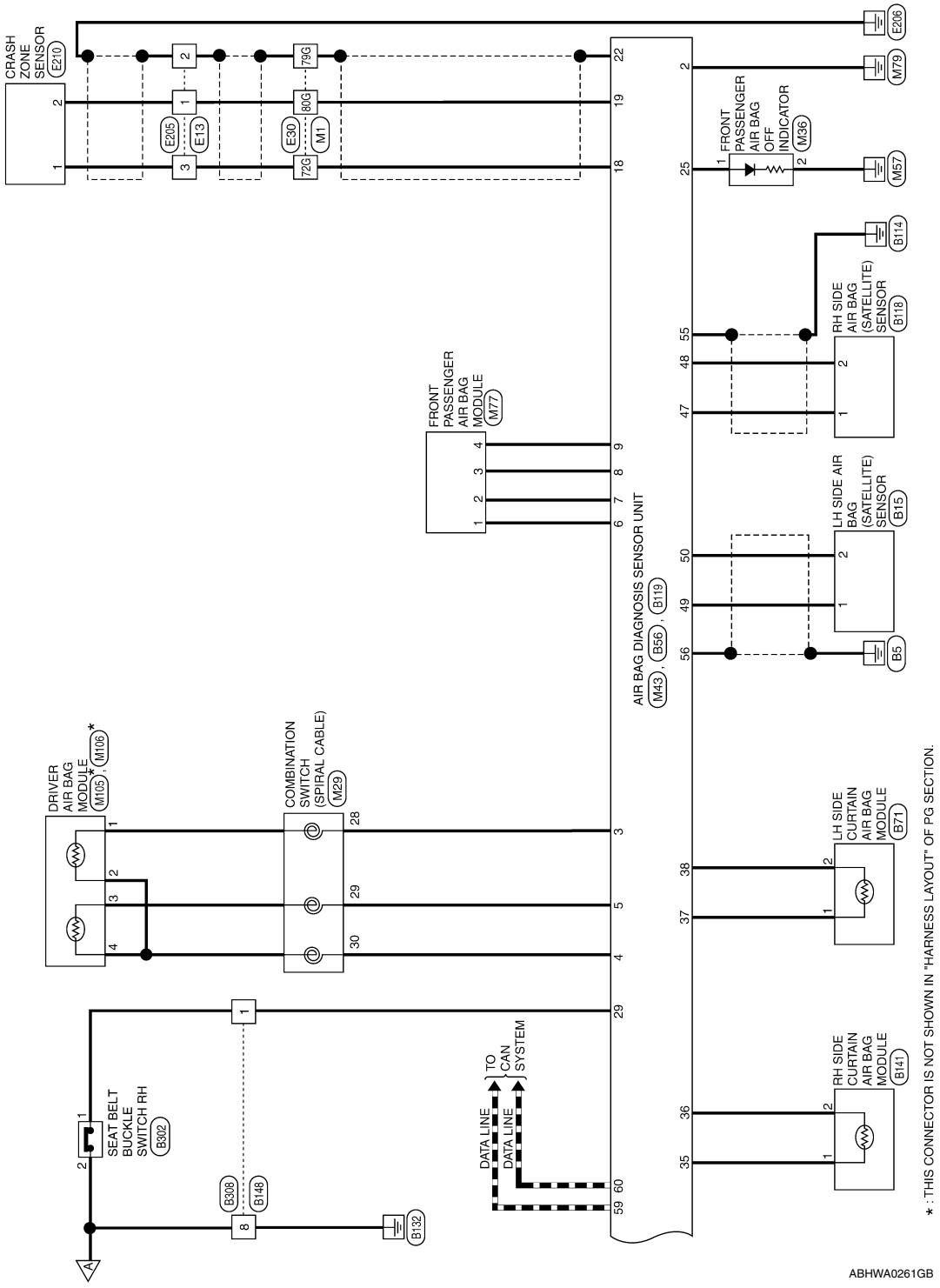



CRASH ZONE SENSOR E210
E205
E13
E30
M1
79G
80G
72G
E206
M79
M57
FRONT PASSENGER AIR BAG OFF INDICATOR M36
B114
RH SIDE AIR BAG (SATELLITE) SENSOR B118
FRONT PASSENGER AIR BAG MODULE M77
LH SIDE AIR BAG (SATELLITE) SENSOR B15
B5
AIR BAG DIAGNOSIS SENSOR UNIT M43, B56, B119
DRIVER AIR BAG MODULE M105, M106 *
COMBINATION SWITCH (SPIRAL CABLE) M29
LH SIDE CURTAIN AIR BAG MODULE B71
RH SIDE CURTAIN AIR BAG MODULE B141
SEAT BELT BUCKLE SWITCH RH B302
B308
B148
B132
DATA LINE
TO CAN SYSTEM
* : THIS CONNECTOR IS NOT SHOWN IN "HARNESS LAYOUT" OF PG SECTION.
ABHWA0261GB

SRS AIR BAG CONTROL SYSTEM CONNECTORS - EXCEPT FOR MEXICO

Connector No.	M1
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

9G	8G	7G	6G	5G	4G	3G		1G
17G	16G	15G	14G	13G	12G	11G	10G	2G
26G	25G	24G	23G	22G	21G	20G		
34G	33G	32G	31G	30G	29G	28G	27G	19G	18G
	41G	40G	39G	38G	37G	36G	35G		
	50G	49G	48G	47G	46G	45G	44G	43G	42G
58G	57G	56G	55G						
63G	62G	61G	60G	59G	54G	53G	52G	51G	
72G	71G	70G	69G	68G	67G	66G			
80G	79G	78G	77G	76G	75G	74G	73G	65G	64G
			83G		82G		81G		

Terminal No.	Color of Wire	Signal Name
72G	L/G	–
79G	SHIELD	–
80G	L/R	–

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

H.S.

4Q	3Q		2Q	1Q
10Q	9Q	8Q	7Q	6Q	5Q

Terminal No.	Color of Wire	Signal Name
6Q	Y/R	–

Connector No.	M5
Connector Name	FUSE BLOCK (J/B)
Connector Color	WHITE

H.S.

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

Terminal No.	Color of Wire	Signal Name
11M	R/L	–
12M	O	–

ABHIA0524GB

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

9J	8J	7J	6J	5J	4J	3J		2J	1J
17J	16J	15J	14J	13J	12J	11J	10J		
	25J	24J	23J	22J		21J	20J	19J	18J
	30J	29J	28J	27J	26J				
	37J	36J	35J	34J	33J	32J	31J		38J
	46J	45J	44J	43J	42J	41J	40J	39J	
	55J	54J	53J	52J	51J	50J	49J		47J
	63J	62J	61J	60J	59J	58J	57J	56J	48J
	70J	69J	68J	67J	66J	65J	64J		
	79J	78J	77J	76J	75J	74J	73J	72J	71J
	87J	86J	85J	84J		83J	82J	81J	80J
	92J	91J	90J	89J	88J				
	99J	98J	97J	96J	95J	94J	93J		

Terminal No.	Color of Wire	Signal Name
24J	W/B	–

Connector No.	M10
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

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

Terminal No.	Color of Wire	Signal Name
1	R/L	–

Connector No.	M24
Connector Name	COMBINATION METER
Connector Color	WHITE

H.S.

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

Terminal No.	Color of Wire	Signal Name
1	Y/R	BAT
2	O	IGN
3	B	GND (POWER)
15	BR/W	AIR BAG
23	B	GND (CIRCUIT)
35	W/B	DR BELT
36	L/W	AS BELT

Connector No.	M29
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Color	YELLOW

H.S.

21	22	23
28	29	30

Terminal No.	Color of Wire	Signal Name
28	Y/R	–
29	Y/V	–
30	Y	–

ABHIA0724GB

Connector No.	M36
Connector Name	FRONT PASSENGER AIR BAG OFF INDICATOR
Connector Color	WHITE

H.S.

Terminal No.	Color of Wire	Signal Name
1	V	–
2	B	–

Connector No.	M43
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT (EXCEPT FOR MEXICO)
Connector Color	YELLOW

H.S.

Terminal No.	Color of Wire	Signal Name
1	R/L	IGN
2	B	GND
3	Y/R	DR1 (+)
4	Y	DR1 (-)&DR2 (-)
5	Y/V	DR2 (+)
6	Y/BR	AS1 (+)
7	Y/G	AS1 (-)

Terminal No.	Color of Wire	Signal Name
8	Y	AS2 (+)
9	Y/B	AS2 (-)
18	L/G	ECZS (+)
19	L/R	ECZS (-)
22	SHIELD	GND
23	BR/W	AIRBAG W/L
24	L/W	SEAT BELT REMINDER
25	V	CUTOFF TELLTALE
59	L	CAN-H
60	P	CAN-L

Connector No.	M77
Connector Name	FRONT PASSENGER AIR BAG MODULE
Connector Color	YELLOW

H.S.

Terminal No.	Color of Wire	Signal Name
1	Y/BR	–
2	Y/G	–
3	Y	–
4	Y/B	–

Connector No.	M105
Connector Name	DRIVER AIR BAG MODULE
Connector Color	YELLOW

H.S.

Terminal No.	Color of Wire	Signal Name
1	–	–
2	–	–

Connector No.	M106
Connector Name	DRIVER AIR BAG MODULE
Connector Color	ORANGE

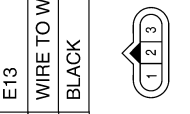
H.S.

Terminal No.	Color of Wire	Signal Name
3	–	–
4	–	–

ABHIA0714GB

Connector No.	E13
Connector Name	WIRE TO WIRE
Connector Color	BLACK

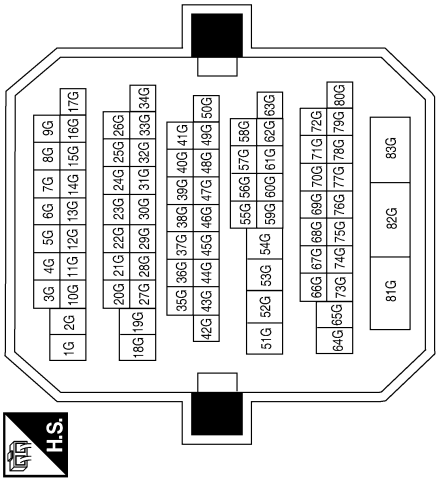
H.S.



Terminal No.	Color of Wire	Signal Name
1	L/O	–
2	SHIELD	–
3	W/L	–

Connector No.	E30
Connector Name	WIRE TO WIRE
Connector Color	WHITE

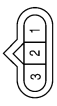
H.S.



Terminal No.	Color of Wire	Signal Name
72G	W/L	–
79G	SHIELD	–
80G	L/O	–

Connector No.	E205
Connector Name	WIRE TO WIRE
Connector Color	BLACK

H.S.



Terminal No.	Color of Wire	Signal Name
1	L/R	–
2	SHIELD	–
3	L/G	–

Connector No.	E210
Connector Name	CRASH ZONE SENSOR
Connector Color	YELLOW

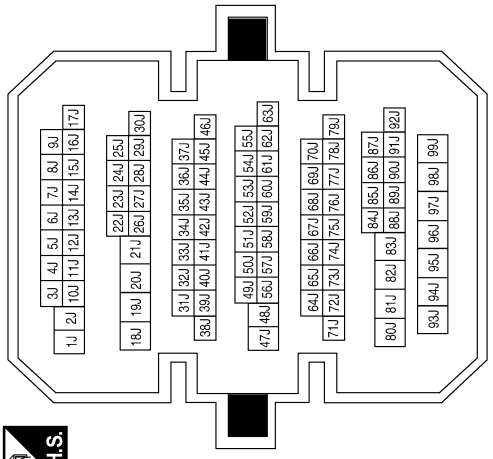
H.S.

Terminal No.	Color of Wire	Signal Name
1	L/G	–
2	L/R	–

ABHIA0539GB

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.



Terminal No.	Color of Wire	Signal Name
24J	GR	–

Connector No.	B11
Connector Name	FRONT LH SIDE AIR BAG MODULE
Connector Color	YELLOW

H.S.

Terminal No.	Color of Wire	Signal Name
1	Y/R	–
2	Y/B	–

Connector No.	B12
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

Terminal No.	Color of Wire	Signal Name
1	GR	–
8	B/W	–

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

H.S.

Terminal No.	Color of Wire	Signal Name
1	Y/G	–
2	Y/V	–

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

H.S.

Terminal No.	Color of Wire	Signal Name
1	R	–
2	G	–

ABHIA0715GB

Terminal No.	Color of Wire	Signal Name
13	Y/V	PLH1 (-)
30	GR	LH BUCKLE SW INPUT
33	Y/R	SLH (+)
34	Y/B	SLH (-)
37	Y	CLH1 (+)
38	BR	CLH1 (-)
49	R	SATELLITE LH (+)
50	G	SATELLITE LH (-)
56	SHIELD	GND

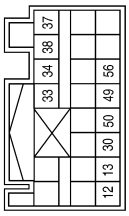
Connector No.	B112
Connector Name	FRONT RH SIDE AIR BAG MODULE
Connector Color	YELLOW

H.S.

Terminal No.	Color of Wire	Signal Name
1	Y/R	–
2	Y/B	–

Connector No.	B56
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT (EXCEPT FOR MEXICO)
Connector Color	YELLOW

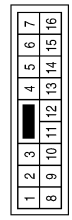
H.S.



Terminal No.	Color of Wire	Signal Name
12	Y/G	PLH1 (+)

Connector No.	B104
Connector Name	WIRE TO WIRE
Connector Color	WHITE

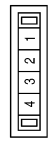
H.S.



Terminal No.	Color of Wire	Signal Name
1	V	–

Connector No.	B26
Connector Name	JOINT CONNECTOR-B04
Connector Color	WHITE

H.S.



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

Connector No.	B71
Connector Name	LH SIDE CURTAIN AIR BAG MODULE
Connector Color	YELLOW

H.S.

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

ABHIA0716GB

Connector No.	B115
Connector Name	FRONT RH SEAT BELT PRE-TENSIONER
Connector Color	YELLOW

H.S.

Terminal No.	Color of Wire	Signal Name
1	Y/G	–
2	Y/V	–

Connector No.	B118
Connector Name	RH SIDE AIR BAG (SATELLITE) SENSOR
Connector Color	YELLOW

H.S.

Terminal No.	Color of Wire	Signal Name
1	R	–
2	G	–

Connector No.	B119
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT (EXCEPT FOR MEXICO)
Connector Color	YELLOW

H.S.

Terminal No.	Color of Wire	Signal Name
10	Y/G	PRH1 (+)
11	Y/V	PRH1 (-)
26	BR	ODS INPUT
29	L	RH BUCKLE SW INPUT
31	Y/R	SRH (+)
32	Y/B	SRH (-)

Terminal No.	Color of Wire	Signal Name
35	Y	CRH1 (+)
36	O	CRH1 (-)
47	R	SATELLITE RH (+)
48	G	SATELLITE RH (-)
55	SHIELD	GND

Connector No.	B141
Connector Name	RH SIDE CURTAIN AIR BAG MODULE
Connector Color	YELLOW

H.S.

Terminal No.	Color of Wire	Signal Name
1	Y	–
2	O	–

ABHIA0717GB

Connector No.	B148
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

Terminal No.	Color of Wire	Signal Name
1	L	–
3	BR	–
5	V	–
8	B	–

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

Terminal No.	Color of Wire	Signal Name
1	L	–
8	B	–

Connector No.	B202
Connector Name	SEAT BELT BUCKLE SWITCH LH
Connector Color	WHITE

H.S.

Terminal No.	Color of Wire	Signal Name
1	L	–
2	B	–

Connector No.	B302
Connector Name	SEAT BELT BUCKLE SWITCH RH
Connector Color	WHITE

H.S.

Terminal No.	Color of Wire	Signal Name
1	L	–
2	B	–

Connector No.	B303
Connector Name	OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT
Connector Color	WHITE

H.S.

Terminal No.	Color of Wire	Signal Name
1	–	–
2	L/B	SIGNAL
3	–	–
4	R/L	POWER SUPPLY (+)
5	B	GND
6	–	–
7	–	–
8	–	–

Connector No.	B308
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

Terminal No.	Color of Wire	Signal Name
1	L	–
3	L/B	–
5	R/L	–
8	B	–

ABHIA0718GB

SYMPTOM DIAGNOSIS

SRS AIR BAG SYSTEM

"AIR BAG" Warning Lamp Does Not Turn Off

INFOID:0000000009466541

DIAGNOSTIC PROCEDURE

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 USA AND CANADA : For Frontal Collision" or SR-7, "FOR USA AND CANADA : For Side and Rollover Collision".

NO >> GO TO 2

2.CHECK THE AIR BAG FUSE

Check 10A fuse [No. 2, 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. 2, located in the fuse block (J/B)] and turn ignition switch ON.

Does the fuse blow again?

YES >> Replace 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-31, "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-31, "Removal and Installation".

"AIR BAG" Warning Lamp Does Not Turn On

INFOID:0000000009466542

DIAGNOSTIC PROCEDURE

1.CHECK METER FUSE

Check the 10A fuse [No. 4, 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. 4, located in the fuse block (J/B)] and turn ignition switch ON.

Does the fuse blow again?

YES >> Replace 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-31, "Removal and Installation".
NO >> Replace the combination meter. Refer to MWI-122, "Removal and Installation".

PASSENGER SEAT BELT WARNING SYSTEM

Seat Belt Warning System Does Not Function

INFOID:0000000009466543

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. 4, located in the fuse block (J/B)].
- Check seat belt buckle switch LH.
- Check harness between combination meter and seat belt buckle switch LH.
- Check combination meter. Refer to MWI-50, "Fail Safe".

2.SEAT BELT BUCKLE LH

Fasten the seat belt buckle LH.

Does the seat belt warning lamp go OFF?

YES >> GO TO 3
NO >>
- Check seat belt buckle switch LH.
- Check harness between combination meter and seat belt buckle switch LH.

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-10, "Occupant Classification System (OCS)".
- Check harness between occupant classification control unit and air bag diagnosis sensor unit.

4.SEAT BELT BUCKLE RH

Fasten the seat belt buckle RH.

Does the seat belt warning lamp go OFF?

YES >> System OK.
NO >>
- Check seat belt buckle switch RH.
- Check harness between seat belt buckle switch RH and air bag diagnosis sensor unit.
- Replace air bag diagnosis sensor unit. Refer to SR-31, "Removal and Installation".

PRECAUTION

PRECAUTIONS

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

INFOID:0000000009466544

The Supplemental Restraint System such as “AIR BAG” and “SEAT BELT PRE-TENSIONER”, used along with a front seat belt, helps to reduce the risk or severity of injury to the driver and front passenger for certain types of collision. This system includes seat belt switch inputs and dual stage front air bag modules. The SRS system uses the seat belt switches to determine the front air bag deployment, and may only deploy one front air bag, depending on the severity of a collision and whether the front occupants are belted or unbelted. Information necessary to service the system safely is included in the 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:0000000009466545

- 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.

Occupant Classification System Precaution

INFOID:0000000009466546

Replace occupant classification system control unit and passenger front seat cushion as an assembly.