

SECTION **SRC**

SRS AIRBAG CONTROL SYSTEM

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FOR USA AND CANADA

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DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

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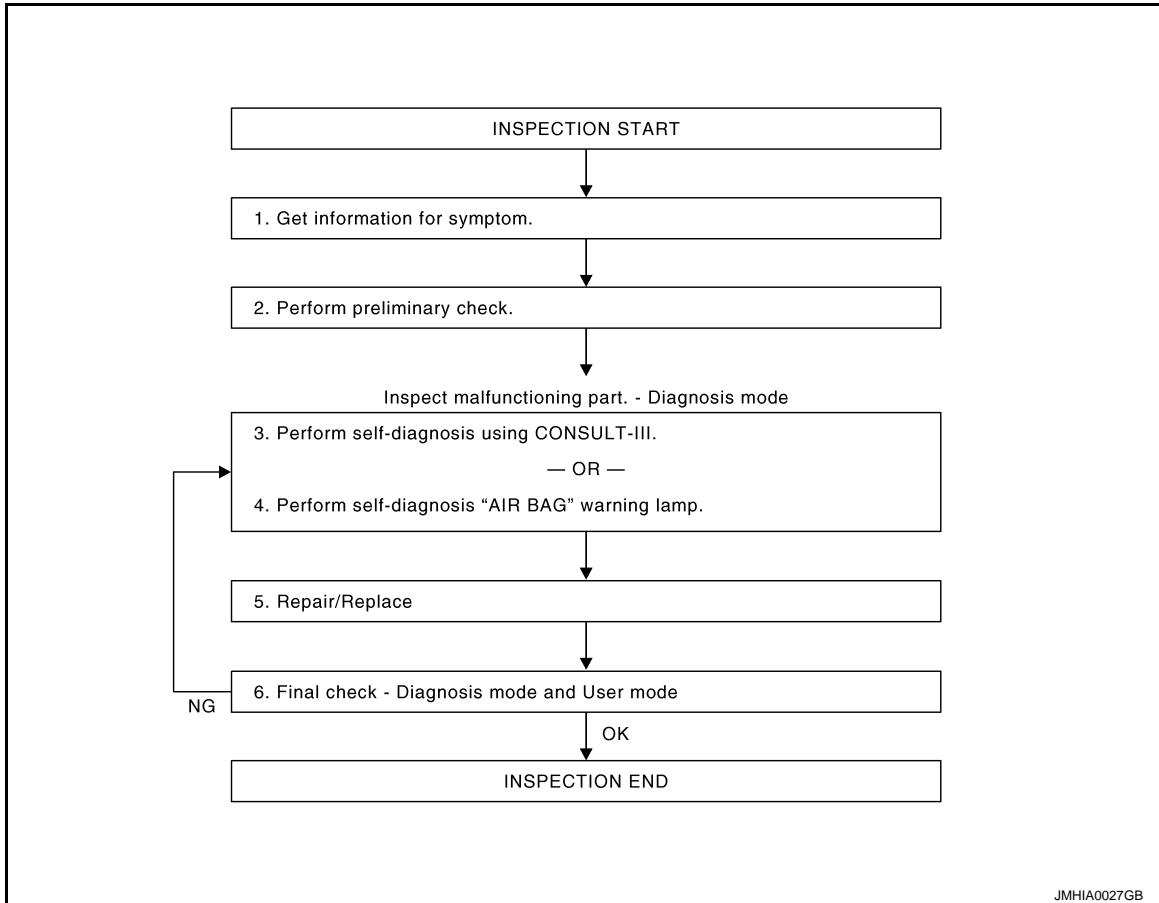
BASIC INSPECTION

DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

INFOID:000000006200008

OVERALL SEQUENCE



DETAILED FLOW

1.GET INFORMATION FOR SYMPTOM

Interview the customer about the symptom.

>> GO TO 2.

2.PERFORM PRELIMINARY CHECK

At the beginning of inspection, confirm the condition of power supply circuit, check that the battery is charged and fuses and fusible links are not blown.

Is power supply circuit normal?

YES-1 >> GO TO 3. (With CONSULT-III)

YES-2 >> GO TO 4. (Without CONSULT-III)

NO >> Repair or replace the battery and fuse/fusible links.

3.PERFORM SELF-DIAGNOSIS USING "CONSULT-III" (WITH CONSULT-III)

Perform "AIR BAG" Self Diagnostic Result.

Is "MALFUNCTIONING PART" displayed on CONSULT-III?

YES >> GO TO 5.

NO >> Repeat DTC confirmation with diagnostic procedure.

DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

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4.PERFORM SELF-DIAGNOSIS "AIR BAG" WARNING LAMP (WITHOUT CONSULT-III)

Check the air bag warning lamp status.

Is "MALFUNCTIONING PART" detected?

YES >> GO TO 5.

NO >> Repeat DTC confirmation with diagnostic procedure.

5.REPAIR OR REPLACE

Repair or replace the malfunctioning part.

After the malfunction is repaired, erase the self-diagnostic result. Refer to [SRC-18. "Diagnosis Description"](#) or [SRC-20. "CONSULT-III Function"](#).

>> GO TO 6.

6.FINAL CHECK

Perform "AIR BAG" Self Diagnostic Result with CONSULT-III and /or, air bag warning lamp status.

Are all malfunctions corrected?

YES >> **INSPECTION END**

NO-1 >> GO TO 3. (With CONSULT-III)

NO-2 >> GO TO 4. (Without CONSULT-III)

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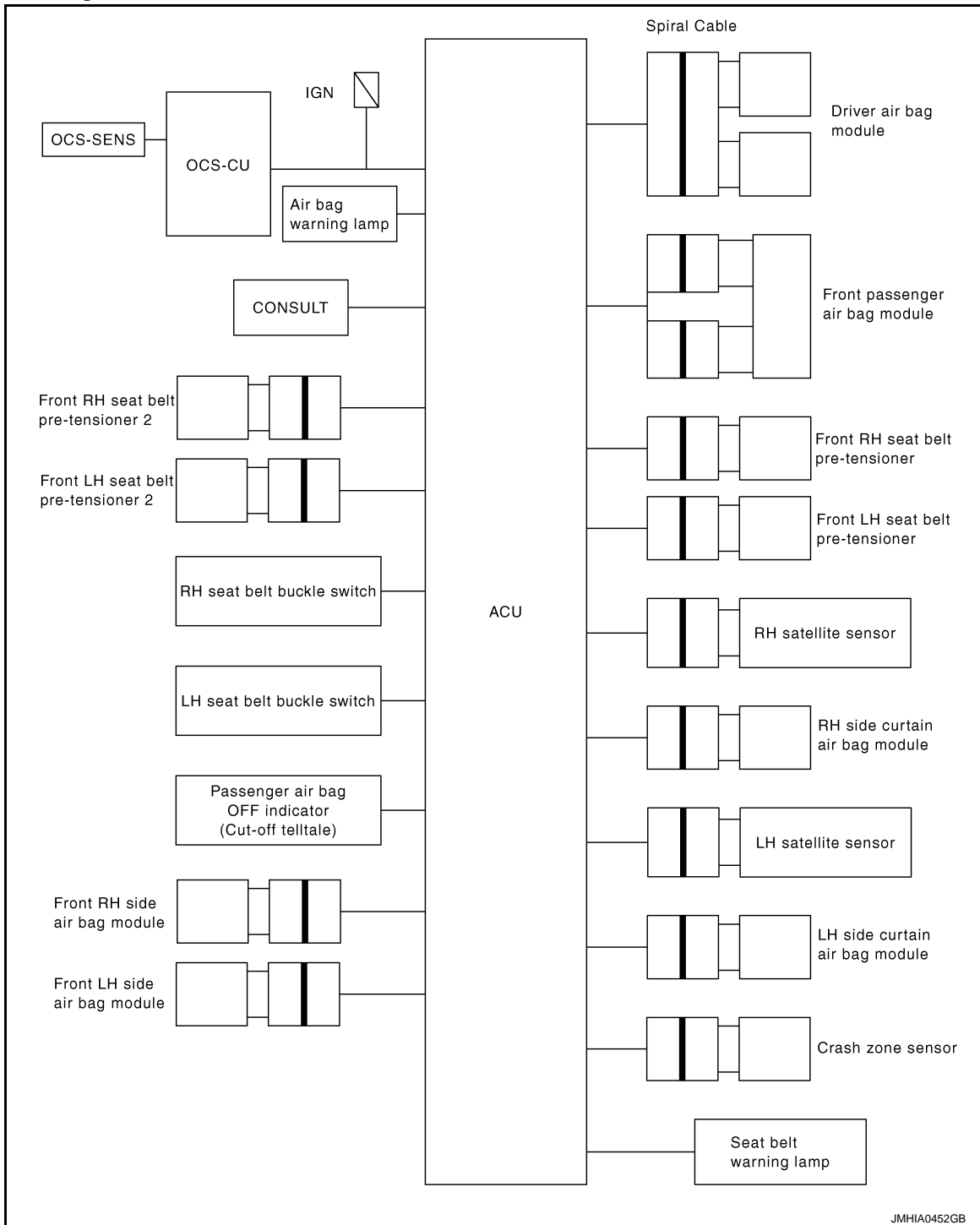
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SYSTEM DESCRIPTION

SRS AIR BAG SYSTEM

System Diagram

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System Description

INFOID:000000006200010

This SRS Air Bag System has the following function.

1. Detects crash and supplies the energy for deploying air bag and seat belt pre-tensioner.
2. Detects electrical trouble in air bag system and seat belt pre-tensioner system, records trouble code, and blinking Air bag warning lamp.

SRS AIR BAG SYSTEM

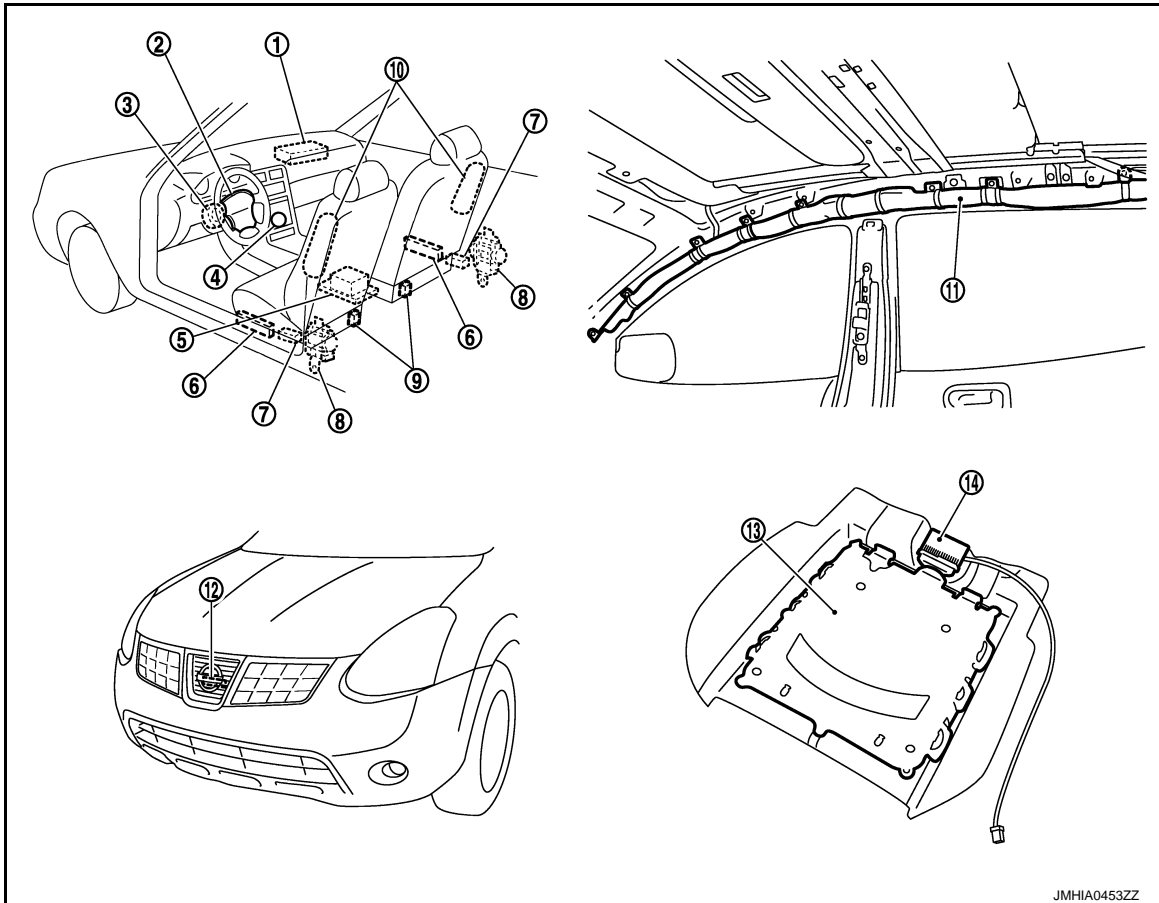
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< SYSTEM DESCRIPTION >

3. Detects and records the deployment of air bag and seat belt pre-tensioner, and turns on air bag warning lamp.
4. Indicates malfunctioning portion with blinking times of air bag warning lamp in diagnosis mode.
5. Indicate the malfunctioning record by CONSULT-III.
6. Suppress the deployment of passenger air bag when the passenger seat is empty or when occupied by turns on passenger air bag off indicator (cut-off telltale) when passenger seat is occupied with a child-seat and child. [Occupant Classification System (OCS).]
7. Turn on Seat belt warning lamp when the Occupant Classification System (OCS) option is adult or child and the passenger seat belt buckle switch is not on.

Component Parts Location

INFOID:000000006200011



- | | | |
|--|--|--|
| 1. Front passenger air bag module | 2. Driver air bag module | 3. Combination switch (spiral cable) |
| 4. Front passenger air bag off indicator | 5. Air bag diagnosis sensor unit (ACU) | 6. Front LH/RH seat belt pre-tensioner 2 |
| 7. LH/RH Air bag (satellite) sensor | 8. Front LH/RH seat belt pre-tensioner | 9. Seat belt buckle switch |
| 10. Front LH/RH side air bag module | 11. LH/RH side curtain air bag module | 12. Crash zone sensor |
| 13. OCS seat sensor mat | 14. OCS control unit | |

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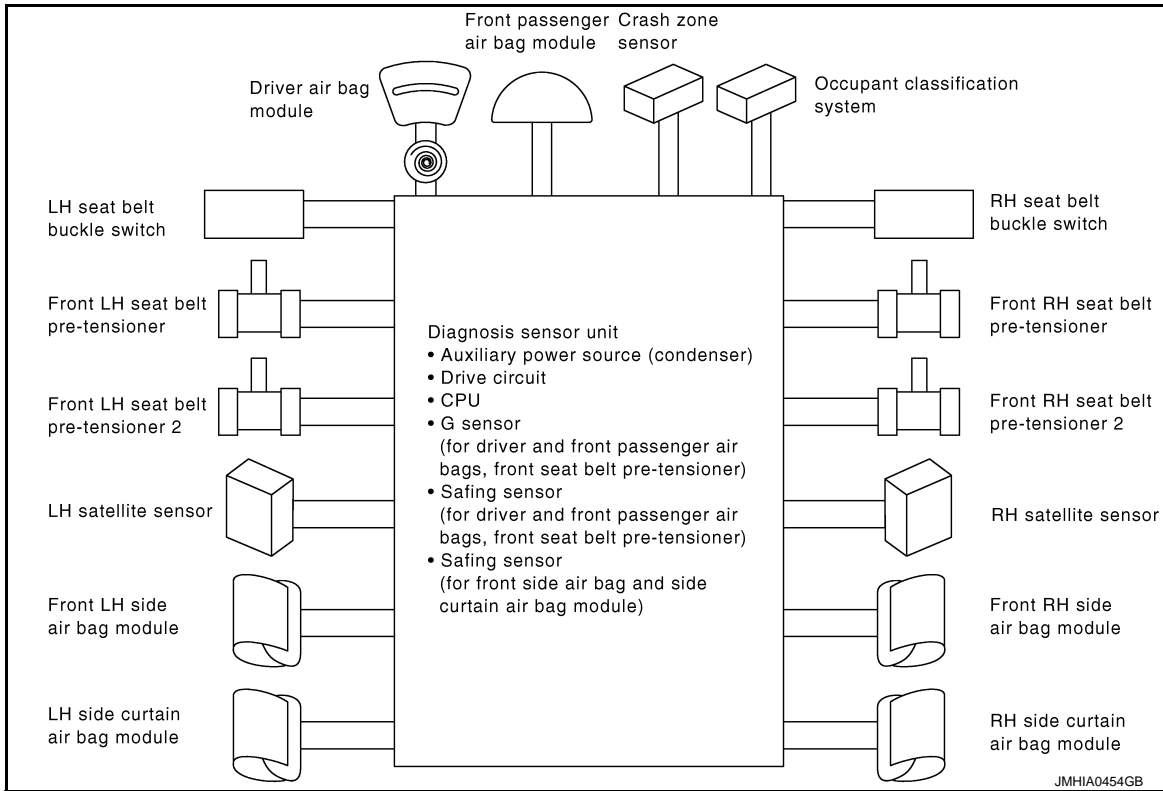
SRS AIR BAG SYSTEM

< SYSTEM DESCRIPTION >

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Component Description

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- Air bag sensor are prepared for operation while the ignition switch is in the ON or START position.
- The operation of supplemental restraint system is different from collision modes applications. For example, the driver air bag module and front passenger air bag module are activated in a frontal collision but not in a side collision.
- SRS configurations which are activated 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 seat belt pre-tensioner 2.	×	—	—
Front RH seat belt pre-tensioner 2.	×	—	—
Front LH side air bag module.	—	×	—
Front RH side air bag module.	—	—	×
LH side curtain air bag module.	—	×	—
RH side curtain air bag module.	—	—	×

×: Application, —: Not application

OCCUPANT CLASSIFICATION SYSTEM

< SYSTEM DESCRIPTION >

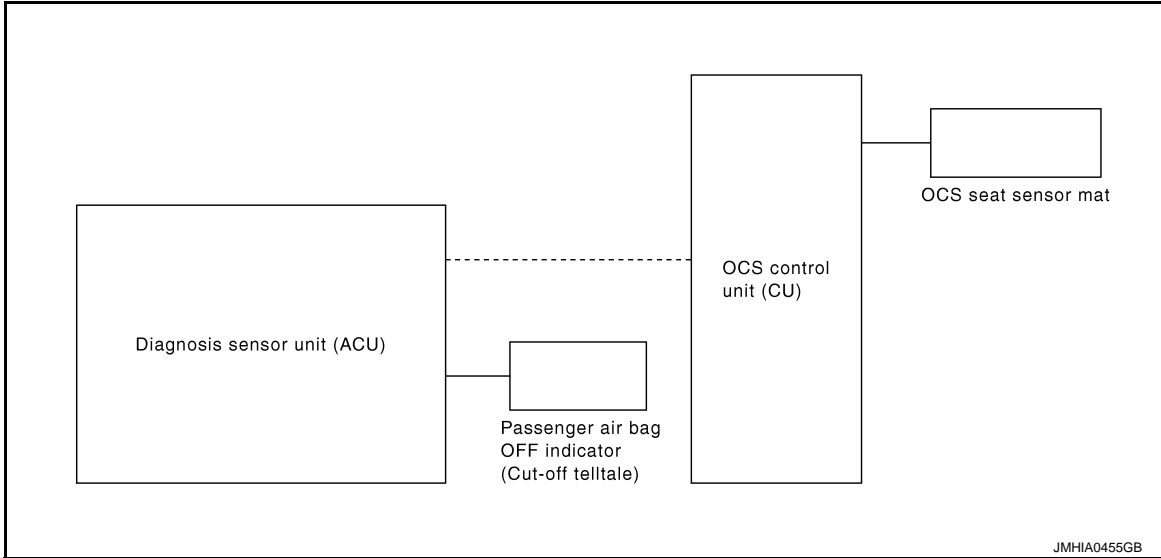
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OCCUPANT CLASSIFICATION SYSTEM

System Diagram

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OCCUPANT CLASSIFICATION SYSTEM



System Description

INFOID:000000006200014

This Occupant Classification System has the following function.

1. Suppresses the deployment of passenger air bag when passenger seat is empty, or when occupied by child and child-seat. Turns on passenger air bag off indicator (cut-off telltale) when passenger seat is occupied by child-seat and child. [Occupant Classification System (OCS).]
2. Indicates malfunction portion with blinking times of air bag warning lamp in diagnosis mode.
3. Indicates the malfunctioning record by CONSULT-III.

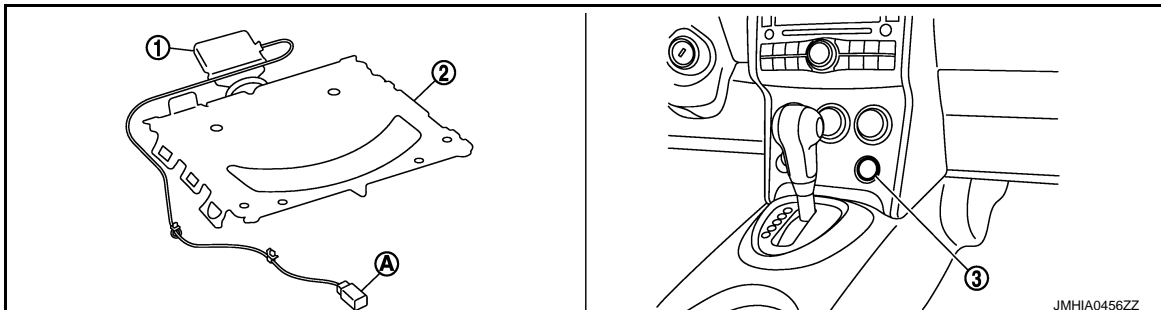
NOTE:

Operation of ACU when ACU receives information from Occupant Classification System (OCS)

Status (Front passenger seat)	Passenger Air bag	Passenger Air bag off indicator (Cut-off telltale)	Air bag warning lamp	Seat belt warning lamp (when front passenger seat is unbuckled)
Empty	Suppress	Off	Off	Off
Child/ child-seat	Suppress	On	Off	On
Adult	Enable to deploy	Off	Off	On
Trouble	Suppress	On	Blinking	Off

Component Parts Location

INFOID:000000006200015



- | | | |
|--------------------------|------------------------|--|
| 1. OCS control unit | 2. OCS seat sensor mat | 3. Front passenger air bag OFF indicator |
| A. OCS harness connector | | |

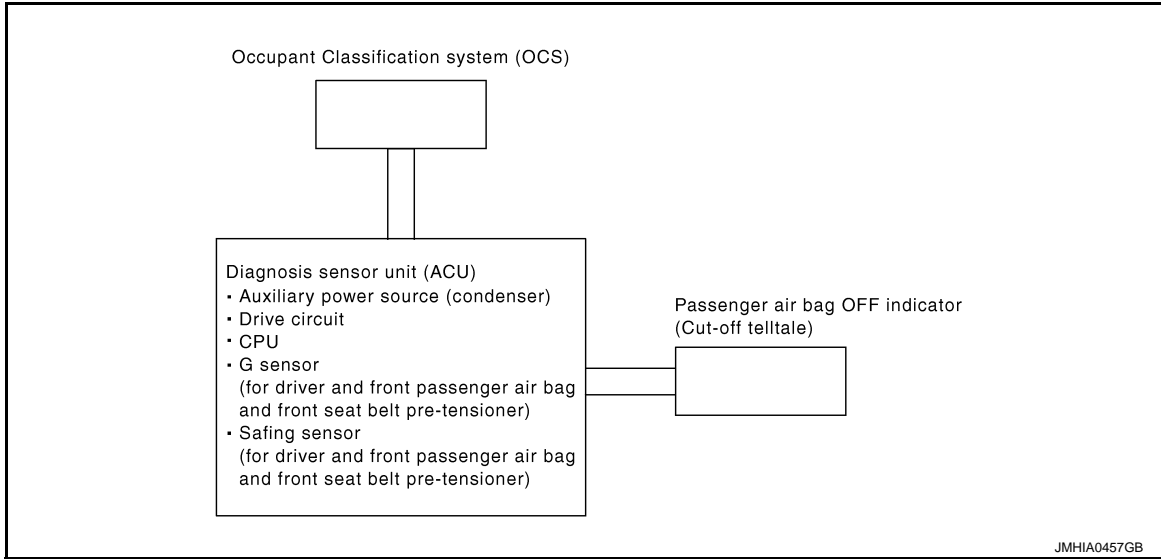
OCCUPANT CLASSIFICATION SYSTEM

< SYSTEM DESCRIPTION >

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Component Description

INFOID:000000006200016



Component Parts

- OCS control unit, Seat sensor mat. Refer to [SRC-32. "Description"](#).
- Passenger air bag OFF indicator (cut-off telltale). Refer to [SRC-34. "Description"](#).

PASSENGER SEAT BELT WARNING SYSTEM

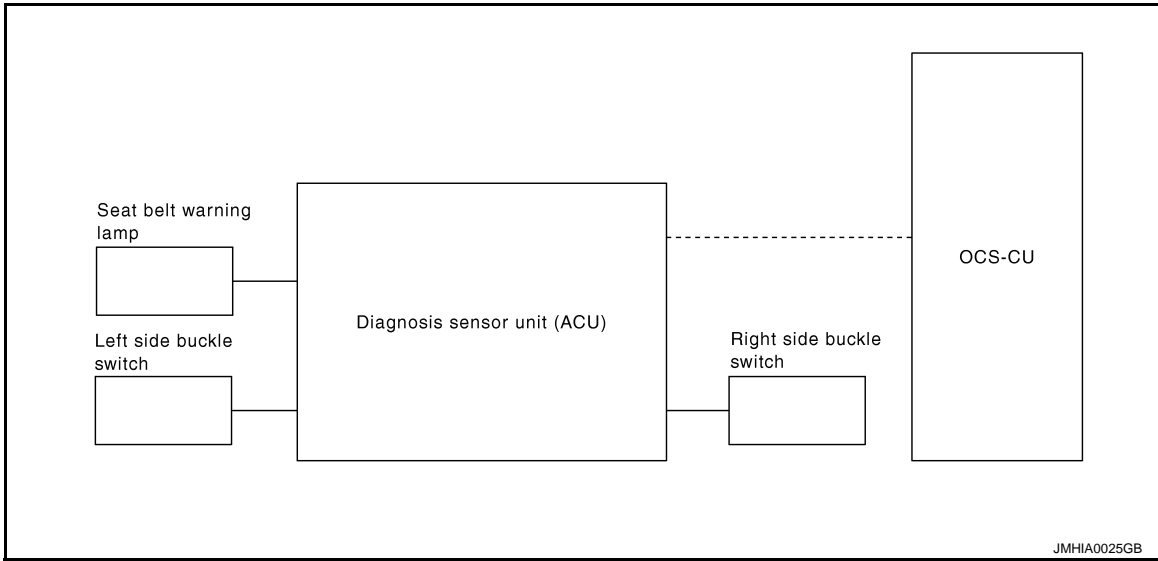
< SYSTEM DESCRIPTION >

[FOR USA AND CANADA]

PASSENGER SEAT BELT WARNING SYSTEM

System Diagram

INFOID:000000006200017



System Description

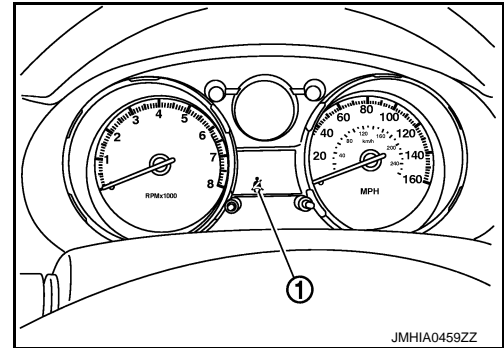
INFOID:000000006200018

This Passenger Seat Belt Warning System has the following function.

Turns ON seat belt warning lamp (1), when the OCS judges adult or child in the passenger seat and the passenger seat belt buckle switch is not on.

NOTE:

In addition, a seat belt warning lamp illuminates and a seat belt alarm sounds, when the driver seat belt buckle switch is not on, This does not relate to the air bag sensor. (Refer to BCM.)



NOTE:

Operation of ACU when ACU receives information from Occupant Classification System (OCS)

Status (Front passenger seat)	Passenger Air bag	Passenger air bag off indicator (cut-off telltale)	Air bag warning lamp	Seat belt warning lamp (When front passenger seat is unbuckled)
Empty	Suppress	Off	Off	Off
Child/ child-seat	Suppress	On	Off	On
Adult	Enable to deploy	Off	Off	On
Trouble	Suppress	On	Blinking	Off

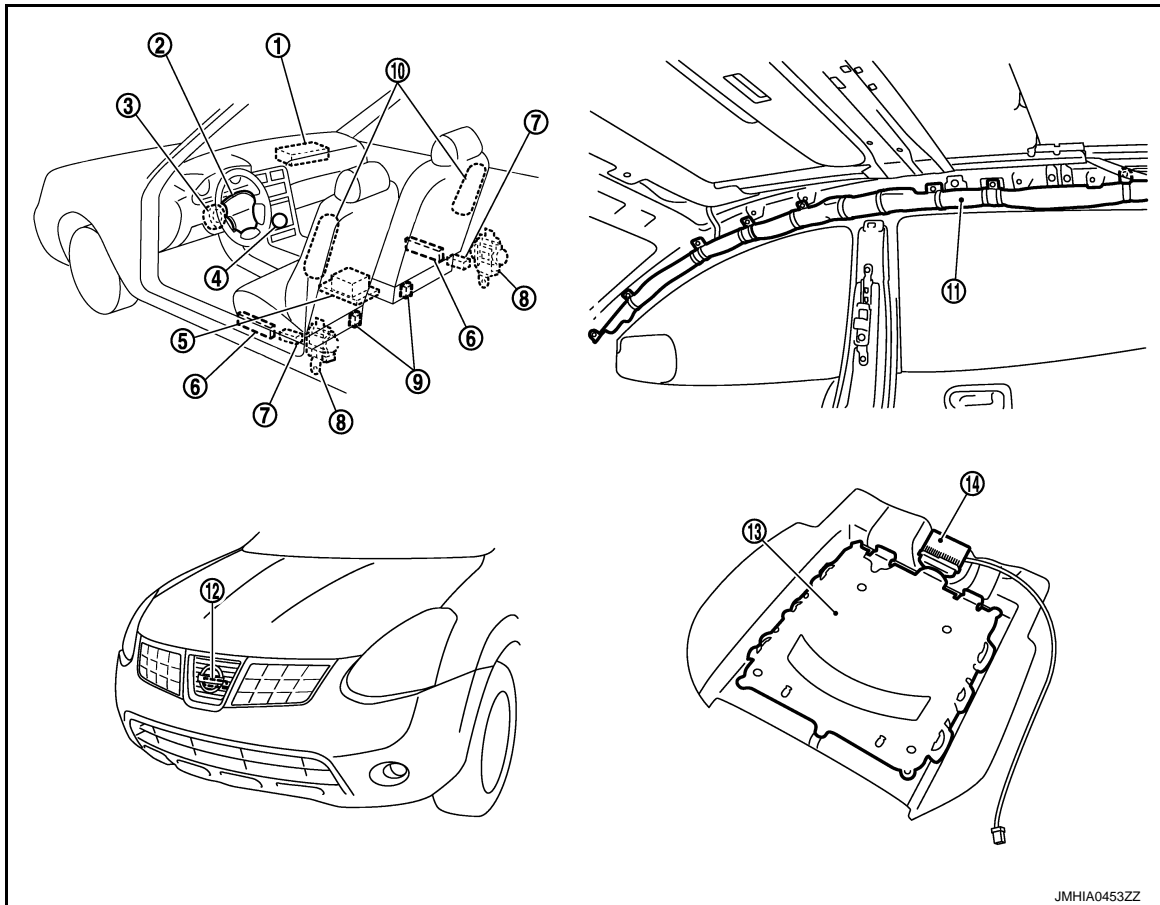
PASSENGER SEAT BELT WARNING SYSTEM

< SYSTEM DESCRIPTION >

[FOR USA AND CANADA]

Component Parts Location

INFOID:000000006200019

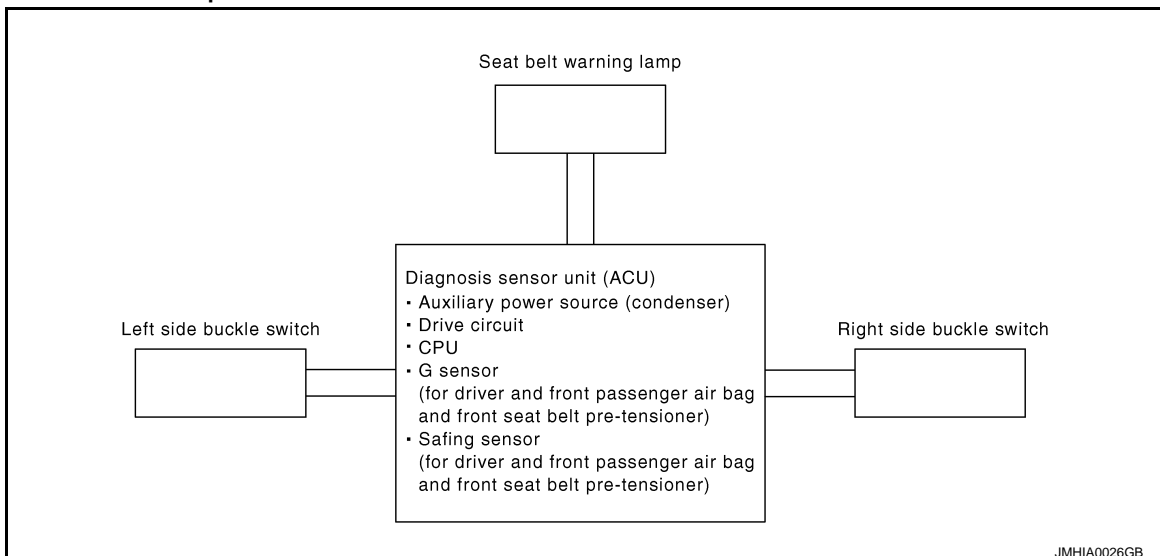


JMHIA0453ZZ

- | | | |
|--|--|--|
| 1. Front passenger air bag module | 2. Driver air bag module | 3. Combination switch (spiral cable) |
| 4. Front passenger air bag off indicator | 5. Air bag diagnosis sensor unit | 6. Front LH/RH seat belt pre-tensioner 2 |
| 7. LH/RH Air bag (satellite) sensor | 8. Front LH/RH seat belt pre-tensioner 1 | 9. Seat belt buckle switch |
| 10. Front LH/RH side air bag module | 11. LH/RH side curtain air bag module | 12. Crash zone sensor |
| 13. OCS seat sensor mat | 14. OCS control unit | |

Component Description

INFOID:000000006200020



JMHIA0026GB

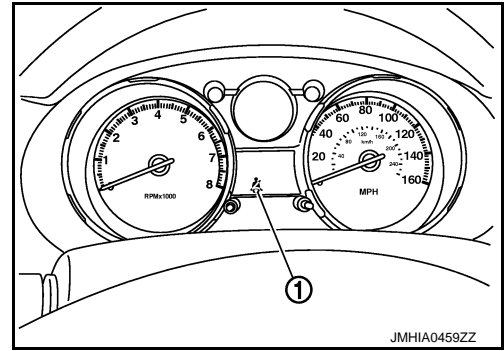
Component parts

PASSENGER SEAT BELT WARNING SYSTEM

[FOR USA AND CANADA]

< SYSTEM DESCRIPTION >

- Seat belt warning lamp (1).
- Seat belt buckle switch.



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DIAGNOSIS SYSTEM (AIRBAG)

Diagnosis Description

INFOID:000000006200021

CAUTION:

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

DIAGNOSIS FUNCTION

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

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

HOW TO PERFORM TROUBLE DIAGNOSIS 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 (Refer to [PG-3, "How to Handle Battery"](#)).
- Fuse (Refer to [SRC-172, "Wiring Diagram — SRS AIR BAG CONTROL SYSTEM —"](#)).
- System component-to-harness connections.

HOW TO ERASE SELF-DIAGNOSTIC RESULTS (With CONSULT-III)

- “SELF-DIAG [CURRENT]”
A current self-diagnosis result is displayed on CONSULT-III screen in real time. After the malfunction is repaired completely, no malfunction is detected on “SELF-DIAG [CURRENT]”.
- “SELF-DIAG [PAST]”
Return to “SELF-DIAG [CURRENT]” CONSULT-III screen by touching “BACK” key of CONSULT-III and select “SELF-DIAG [CURRENT]” in SELECT DIAG MODE. Touch “ERASE” in “SELF-DIAG [CURRENT]” mode.

NOTE:

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.

- “TROUBLE DIAG RECORD”
The memory of “TROUBLE DIAG RECORD” cannot be erased.

HOW TO ERASE SELF-DIAGNOSTIC RESULTS (Without CONSULT-III)

After a malfunction is repaired, turn the ignition switch OFF for at least one second, then turn ignition switch ON diagnosis mode returns to the user mode. At that time the self-diagnosis result is cleared.

DIAGNOSIS SYSTEM (AIRBAG)

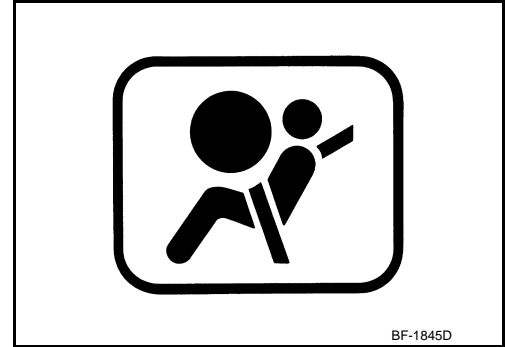
[FOR USA AND CANADA]

< SYSTEM DESCRIPTION >

DIAGNOSTIC PROCEDURE (User mode)

Checking Air bag operation according to "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.



Warning lamp examples (User mode)

"AIR BAG" warning lamp operation -User mode	SRS condition	Reference item
<p>SHIA0011E</p>	<ul style="list-style-type: none"> • No malfunction is detected. • No further action is necessary. 	<p>—</p>
<p>SHIA0012E</p>	<ul style="list-style-type: none"> • The system is malfunctioning and needs to be repaired as indicated. 	<p>Go to SRC-18, "Diagnosis Description".</p>

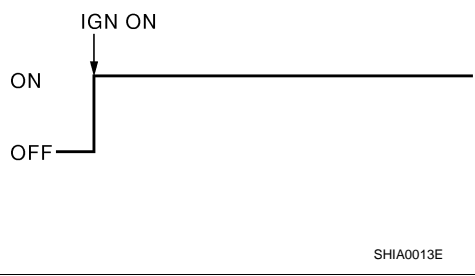
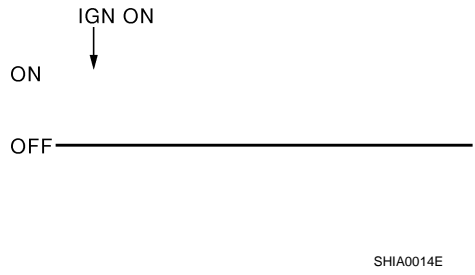
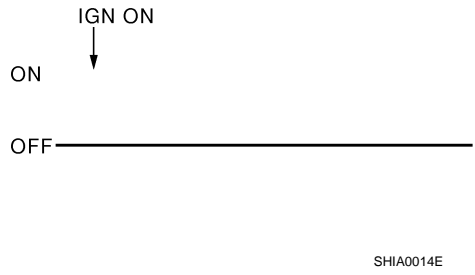
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DIAGNOSIS SYSTEM (AIRBAG)

< SYSTEM DESCRIPTION >

[FOR USA AND CANADA]

"AIR BAG" warning lamp operation -User mode	SRS condition	Reference item
 <p>SHIA0013E</p>	<ul style="list-style-type: none"> Air bag is deployed. Seat belt pre-tensioner is deployed. 	Go to SRC-156, "Diagnosis Procedure" or SRC-158, "Diagnosis Procedure" .
 <p>SHIA0014E</p>	<ul style="list-style-type: none"> Diagnosis sensor unit is malfunctioning. Air bag power supply circuit is malfunctioning. SRS air bag warning lamp circuit is malfunctioning. 	Go to SRC-180, "Diagnosis Procedure" .
 <p>SHIA0014E</p>	<ul style="list-style-type: none"> Diagnosis sensor unit is malfunctioning. Air bag warning lamp circuit is malfunctioning. 	Go to SRC-180, "Diagnosis Procedure" .

DIAGNOSTIC PROCEDURE (With CONSULT-III)

Diagnostic Mode	Description
SELF-DIAG RESULT	The self-diagnosis result is displayed. (SELF-DIAG [CURRENT], [PAST], [RECORD])
ECU DISCRIMINATED No.	The part number of diagnosis sensor unit is displayed.

CONSULT-III Function

INFOID:000000006200022

DIAGNOSIS MODE FOR CONSULT-III

- "SELF-DIAG [CURRENT]"
A current self-diagnosis results (also indicated with the number of warning lamp blinks in diagnosis mode) are displayed on CONSULT-III 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 CONSULT-III screen. The stored results are not erased until memory erasing is executed.
- "TROUBLE DIAG RECORD"
With TROUBLE DIAG RECORD, diagnosis results previously erased by a reset operation can be displayed on CONSULT-III screen.
- "ECU DISCRIMINATED NO."
Air bag diagnosis sensor unit ECU discriminated number (identification number) is displayed. Air bag diagnosis sensor unit has individual ECU discriminated number (identification number) based on model and equipment.

HOW TO CHANGE SELF-DIAGNOSIS MODE WITH CONSULT-III

From User Mode to Diagnosis Mode

After selecting "AIR BAG" on the "SELECT SYSTEM" screen, User mode automatically changes to Diagnosis mode.

From Diagnosis Mode to User Mode

To return to User mode from Diagnosis mode, touch "BACK" key of CONSULT-III until "SELECT SYSTEM" appears, then diagnosis mode automatically changes to User mode.

DIAGNOSIS SYSTEM (AIRBAG)

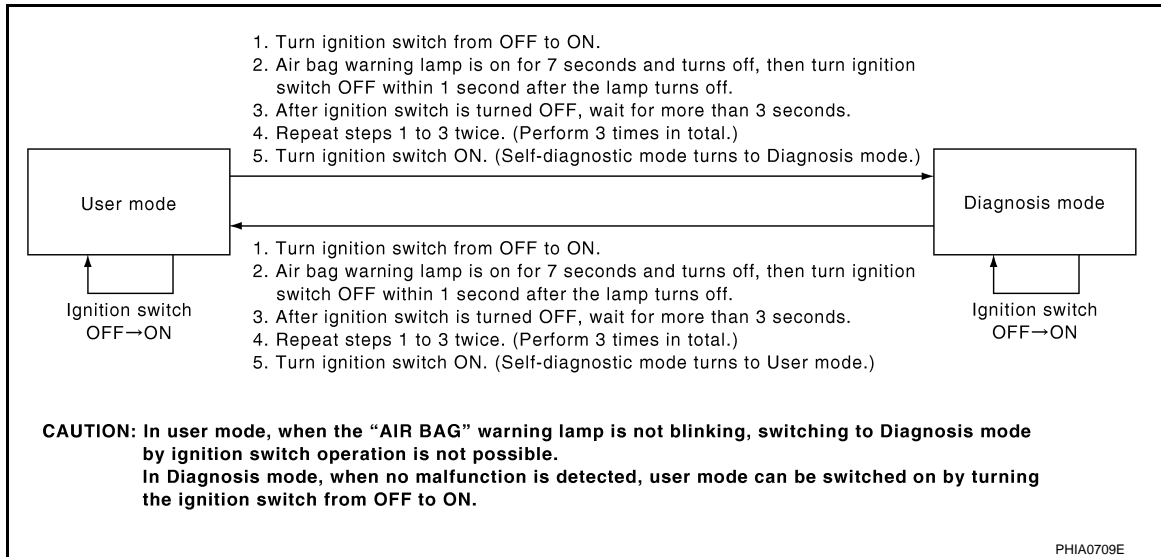
< SYSTEM DESCRIPTION >

[FOR USA AND CANADA]

SELF-DIAGNOSIS FUNCTION (Without CONSULT-III)

- The reading of these results is accomplished by “User mode” and “Diagnosis mode”.
- After a malfunction is repaired, turn ignition switch ON. Diagnosis mode returns to the user mode. At that time, the self-diagnosis result is cleared.

HOW TO CHANGE SELF-DIAGNOSIS MODE WITHOUT CONSULT-III



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

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

DTC/CIRCUIT DIAGNOSIS

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

Description

INFOID:000000006200023

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

Detects the whole SRS electrical system and displays the malfunction either by illuminating or blinking the air bag warning lamp in the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and electro-diagnosis tester CONSULT-III.

OPERATION

It detects a shock that exceeds specified level and monitors such systems as the driver and passenger air bag, side air bag, curtain air bag, pre-tensioner seat belts and Occupant Classification System (OCS) operate properly.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

SRS diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006200024

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1001 B1002 B1003 B1004 B1005	CONTROL UNIT	Diagnosis sensor unit is out of order.	Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-23. "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

Turn ignition switch ON.

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200025

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Repair or replace wiring harness.

3.CHECK DIAGNOSIS SENSOR UNIT

1. Replace diagnosis sensor unit (ACU).
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

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

Description

INFOID:000000006200026

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

Detects the whole SRS electrical system and displays the malfunction either by illuminating or blinking the air bag warning lamp in the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and electro-diagnosis tester CONSULT-III.

OPERATION

It detects a shock that exceeds specified level and monitors such systems as the driver and passenger air bag, side air bag, curtain air bag, pre-tensioner seat belts and Occupant Classification System (OCS) operate properly.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

SRS diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006200027

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1006 B1007 B1008 B1009 B1010	CONTROL UNIT	Diagnosis sensor unit is out of order.	Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-25, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-163, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200028

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK DIAGNOSIS SENSOR UNIT

1. Replace diagnosis sensor unit (ACU).

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

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

Description

INFOID:000000006200029

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

Detects the whole SRS electrical system and displays the malfunction either by illuminating or blinking the air bag warning lamp in the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and electro-diagnosis tester CONSULT-III.

OPERATION

It detects a shock that exceeds specified level and monitors such systems as the driver and passenger air bag, side air bag, curtain air bag, pre-tensioner seat belts and Occupant Classification System (OCS) operate properly.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

SRS diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006200030

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1011 B1012 B1013 B1014 B1015	CONTROL UNIT	Diagnosis sensor unit is out of order.	Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-27, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200031

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Repair or replace wiring harness.

3.CHECK DIAGNOSIS SENSOR UNIT

1. Replace diagnosis sensor unit (ACU).
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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B1017, B1020, B1021 OCCUPANT SENS C/U

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

B1017, B1020, B1021 OCCUPANT SENS C/U

Description

INFOID:000000006200032

DTC B1017, B1020, B1021 [UNIT FAIL] OCCUPANT SENS C/U

Suppresses the deployment of passenger air bag when the condition of passenger seat is empty or child and child-seat. And turns on cut-off telltale lamp when the condition of passenger seat is child-seat and child. In case of malfunction the blinking of the SRS air bag warning lamp report the malfunction to driver and by the on board self-diagnosis system or electro-diagnosis tester CONSULT-III can detect the cause.

OPERATION

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

STRUCTURE

It is integrated into the seat sensor mat and detects the occupants with Occupant Classification System (OCS) control unit that classifies the occupants.

INSTALLATION

Occupant Classification System (OCS) control unit is installed in the passenger seat cushion.

DTC Logic

INFOID:000000006200033

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1017 B1020 B1021	OCCUPANT SENS C/U [UNIT FAIL]	Trouble occurs in OCS-C/U.	<ul style="list-style-type: none">• Disconnection of wiring harness.• Internal breakdown in occupant classification system control unit.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-29, "Diagnosis Procedure"](#).
NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

B1017, B1020, B1021 OCCUPANT SENS C/U

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-163, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200034

With CONSULTIII

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace occupant classification system control unit. (passenger side seat cushion assembly.)
2. Check the screen of CONSULT-III.

is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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B1018 OCCUPANT SENS

Description

INFOID:000000006200035

DTC B1018 [UNIT FAIL] OCCUPANT SENS

Suppresses the deployment of passenger air bag when the condition of passenger seat is empty or child and child-seat. And turns on cut-off telltale lamp when the condition of passenger seat is child-seat and child. In case of malfunction the blinking of the SRS air bag warning lamp reports the malfunction to driver and by the on board self-diagnosis system or electro-diagnosis tester CONSULT-III can detect the cause.

OPERATION

The unit classifies occupant in passenger seat and transmits it to Occupant Classification System (OCS) control unit.

STRUCTURE

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

INSTALLATION

Seat sensor mat is installed in the passenger seat cushion.

DTC Logic

INFOID:000000006200036

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1018	OCCUPANT SENS [UNIT FAIL]	Trouble occurs in OCS-SENS.	<ul style="list-style-type: none">• Disconnection of wiring harness.• Internal breakdown in occupant classification system sensor.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-31. "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200037

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace wiring harness.

3.CHECK OCCUPANT CLASSIFICATION SYSTEM SENSOR

1. Replace occupant classification system sensor. (passenger side seat cushion assembly.)
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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SRC

B1022 OCCUPANT SENS C/U

Description

INFOID:000000006200038

DTC B1022 [COMM FAIL] OCCUPANT SENS C/U

Suppresses the deployment of passenger air bag when the condition of passenger seat is empty or child and child-seat. And turns on cut-off telltale lamp when the condition of passenger seat is child-seat and child. In case of malfunction the blinking of the SRS air bag warning lamp reports the malfunction to driver and by the on board self-diagnosis system or electro-diagnosis tester CONSULT-III can detect the cause.

OPERATION

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

STRUCTURE

It is integrated into the seat sensor mat and detects the occupants and Occupant Classification System (OCS) control unit that classifies the occupants.

INSTALLATION

Occupant Classification System (OCS) control unit is installed in the passenger seat cushion.

DTC Logic

INFOID:000000006200039

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1022	OCCUPANT SENS C/U [COMM FAIL]	Trouble occurs in OCS-C/U, circuit of OCS-C/U-ACU or ACU.	<ul style="list-style-type: none"> • Disconnection of wiring harness. • Internal breakdown in occupant classification system control unit. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-33, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

B1022 OCCUPANT SENS C/U

[FOR USA AND CANADA]

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-163, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200040

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace occupant classification system control unit. (passenger side seat cushion assembly.)
2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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B1023 PASS A/B INDCTR CKT

Description

INFOID:000000006200041

DTC B1023 PASS A/B INDCTR CKT

Suppresses the deployment of passenger air bag when the condition of passenger seat is empty or child and child-seat. And turns on passenger air bag indicator (cut-off telltale) lamp when the condition of passenger seat is child-seat and child. In case of malfunction the blinking of the SRS air bag warning lamp reports the malfunction to driver and by the on board self-diagnosis system or electro-diagnosis tester CONSULT-III can detect the cause.

OPERATION

Turns on passenger air bag indicator (cut-off telltale) when the passenger seat is empty or occupied by child-seat and child.

STRUCTURE

Passenger air bag indicator (cut-off telltale) with LED illumination.

INSTALLATION

Passenger air bag indicator (cut-off telltale) is installed at the instrument panel center.

DTC Logic

INFOID:000000006200042

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

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

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-35, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

B1023 PASS A/B INDCTR CKT

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-163, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200043

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK PASSENGER AIR BAG OFF INDICATOR

1. Replace passenger air bag off indicator.

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

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

Description

INFOID:000000006200044

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

Detects the whole SRS electrical system and displays the malfunction either by illuminating or blinking the air bag warning lamp in the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and electro-diagnosis tester CONSULT-III.

OPERATION

It detects a shock that exceeds specified level and monitors such systems as the driver and passenger air bag, side air bag, curtain air bag, pre-tensioner seat belts and Occupant Classification System (OCS) to ensure proper operation.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

SRS diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006200045

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1026 B1027 B1028 B1029 B1030 B1031	CONTROL UNIT	Diagnosis sensor unit is out of order.	Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

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

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-163, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200046

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK DIAGNOSIS SENSOR UNIT

1. Replace diagnosis sensor unit (ACU).

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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SRC

B1033, B1034 CRASH ZONE SEN

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

B1033, B1034 CRASH ZONE SEN

Description

INFOID:000000006200047

DTC B1033, B1034 [UNIT FAIL] CRASH ZONE SENSOR

Main "G" sensor generates signal voltage, when it detects deceleration beyond the specified level caused by vehicle frontal collision.

OPERATION

When ACU define the both signal voltage of the "G" sensor and the safing sensor to be that of collision which exceeds specified level, the driving circuit switches on and feeds the electric ignitor of both driver and passenger air bags and pre-tensioner seat belt.

STRUCTURE

Integrated type of the "G" sensor element for frontal collision with output terminals for signal voltage.

INSTALLATION

Crash zone sensor is installed on the radiator core support assembly with fixed nuts.

DTC Logic

INFOID:000000006200048

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD)

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1033 B1034	CRASH ZONE SENSOR [UNIT FAIL]	Crash zone sensor is out of order.	<ul style="list-style-type: none">• Disconnection of wiring harness.• Internal breakdown in crash zone sensor.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

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

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

B1033, B1034 CRASH ZONE SEN

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

2.CHECK AIR BAG WARNING LAMP-

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200049

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace wiring harness.

3.CHECK CRASH ZONE SENSOR

1. Replace crash zone sensor.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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SRC

B1035, B1036, B1038, B1040 CRASH ZONE SEN

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

B1035, B1036, B1038, B1040 CRASH ZONE SEN

Description

INFOID:000000006200050

DTC B1035, B1036, B1038, B1040 [COMM FAIL] CRASH ZONE SENSOR

Main "G" sensor that generates signal voltage, when it detects deceleration beyond the specified level caused by vehicle frontal collision.

OPERATION

When ACU defines both signal voltage of the "G" sensor and the safing sensor to be that of collision which exceeds specified level, the driving circuit switches on and feeds the electric ignitor of both driver and passenger air bags and pre-tensioner seat belt.

STRUCTURE

Integrated type of the "G" sensor element for frontal collision with output terminals for signal voltage.

INSTALLATION

Crash zone sensor is installed on the radiator core support assembly with fixed nuts.

DTC Logic

INFOID:000000006200051

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1035	CRASH ZONE SENSOR [COMM FAIL]	Crash zone sensor is out of order.	<ul style="list-style-type: none">• Disconnection of wiring harness and open/short.• Internal breakdown in crash zone sensor.• Internal breakdown in diagnosis sensor unit (ACU).
B1036	[UNMATCH]		
B1038	[OPEN/UPR-VB-SHORT]		
B1040	[SHORT/UPR-GND-SHORT]		

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-41. "Diagnosis Procedure"](#).
NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

B1035, B1036, B1038, B1040 CRASH ZONE SEN

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-163, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200052

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK CRASH ZONE SENSOR

1. Replace crash zone sensor.

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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SRC

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

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

Description

INFOID:000000006200053

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

Detects the whole SRS electrical system and displays the malfunction either by illuminating or blinking the air bag warning lamp in the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and electro-diagnosis tester CONSULT-III.

OPERATION

It detects a shock that exceeds specified level and monitors such systems as the driver and passenger air bag, side air bag, curtain air bag, pre-tensioner seat belts and Occupant Classification System (OCS) operate properly.

STRUCTURE

It contains the "G" sensors for both for frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

SRS diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006200054

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1042 B1043 B1044 B1045 B1046 B1047	CONTROL UNIT	Diagnosis sensor unit is out of order.	Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-43, "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-163, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200055

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK DIAGNOSIS SENSOR UNIT

1. Replace diagnosis sensor unit (ACU).

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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SRC

B1049, B1054 DRIVER AIRBAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

B1049, B1054 DRIVER AIRBAG MODULE

Description

INFOID:000000006200056

DTC B1049, B1054 [OPEN] DRIVER AIRBAG MODULE

For driver air bag module, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In case of frontal collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Driver air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Driver air bag module is installed on the center of steering wheel with fixed bolts.

DTC Logic

INFOID:000000006200057

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1049 B1054	DRIVER AIRBAG MODULE [OPEN]	Driver air bag module circuit is open. (including the spiral cable.)	<ul style="list-style-type: none">• Disconnection of wiring harness and open.• Internal breakdown in driver air bag module.• Internal breakdown in spiral cable.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

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

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

B1049, B1054 DRIVER AIRBAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-163, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200058

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK DRIVER AIR BAG MODULE

1. Replace driver air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> GO TO 4.

4.CHECK SPIRAL CABLE CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect driver side air bag module harness connector and body side harness connector.
3. Check continuity between driver side air bag module harness connector and body side harness connector.

Driver side air bag module harness connector	Terminal	Body side harness connector	Terminal	Continuity
M350	10 11	M32	30 23	Existed
M351	13 12		23 28	

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

Driver side air bag module harness connector	Terminal		Continuity
M350	10 11	Ground	Not existed
M351	13 12		

B1049, B1054 DRIVER AIRBAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

Is the inspection result normal?

YES >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

NO >> Replace spiral cable.

B1050, B1055 DRIVER AIRBAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

B1050, B1055 DRIVER AIRBAG MODULE

Description

INFOID:000000006200059

DTC B1050, B1055 [VB-SHORT] DRIVER AIRBAG MODULE

For driver air bag module, crash is judged by main “G” sensor output signal and sub “G” sensor in front direction.

OPERATION

In case of frontal collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Driver air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Driver air bag module is installed on the center of steering wheel with fixed bolts.

DTC Logic

INFOID:000000006200060

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

SRC

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1050 B1055	DRIVER AIRBAG MODULE [VB-SHORT]	Driver air bag module circuit is shorted to some power supply circuit. (including the spiral cable.)	<ul style="list-style-type: none">• Disconnection of wiring harness and short.• Internal breakdown in driver air bag module.• Internal breakdown in spiral cable.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-48. "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

B1050, B1055 DRIVER AIRBAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-163. "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200061

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK DRIVER AIR BAG MODULE

1. Replace driver air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> GO TO 4.

4.CHECK SPIRAL CABLE CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect driver side air bag module harness connector and body side harness connector.
3. Check continuity between driver side air bag module harness connector and body side harness connector.

Driver side air bag module harness connector	Terminal	Body side harness connector	Terminal	Continuity
M350	10 11	M32	30 23	Existed
M351	13 12		23 28	

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

Driver side air bag module harness connector	Terminal		Continuity
M350	10 11	Ground	Not existed
M351	13 12		

B1050, B1055 DRIVER AIRBAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

Is the inspection result normal?

YES >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

NO >> Replace spiral cable.

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B1051, B1056 DRIVER AIRBAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

B1051, B1056 DRIVER AIRBAG MODULE

Description

INFOID:000000006200062

DTC B1051, B1056 [GND-SHORT] DRIVER AIRBAG MODULE

For driver air bag module, crash is judged by main “G” sensor output signal and sub “G” sensor in front direction.

OPERATION

In case of frontal collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Driver air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Driver air bag module is installed on the center of steering wheel with fixed bolts.

DTC Logic

INFOID:000000006200063

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1051 B1056	DRIVER AIRBAG MODULE [GND-SHORT]	Driver air bag module circuit is shorted to ground. (including the spiral cable.)	<ul style="list-style-type: none">• Disconnection of wiring harness and short.• Internal breakdown in driver air bag module.• Internal breakdown in spiral cable.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

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

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

B1051, B1056 DRIVER AIRBAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-163, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200064

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK DRIVER AIR BAG MODULE

1. Replace driver air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> GO TO 4.

4.CHECK SPIRAL CABLE CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect driver side air bag module harness connector and body side harness connector.
3. Check continuity between driver side air bag module harness connector and body side harness connector.

Driver side air bag module harness connector	Terminal	Body side harness connector	Terminal	Continuity
M350	10 11	M32	30 23	Existed
M351	13 12		23 28	

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

Driver side air bag module harness connector	Terminal		Continuity
M350	10 11	Ground	Not existed
M351	13 12		

B1051, B1056 DRIVER AIRBAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

Is the inspection result normal?

YES >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

NO >> Replace spiral cable.

B1052, B1057 DRIVER AIRBAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

B1052, B1057 DRIVER AIRBAG MODULE

Description

INFOID:000000006200065

DTC B1052, B1057 [SHORT] DRIVER AIRBAG MODULE

For driver air bag module, crash is judged by main “G” sensor output signal and sub “G” sensor in front direction.

OPERATION

In case of frontal collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Driver air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Driver air bag module is installed on the center of steering wheel with fixed bolts.

DTC Logic

INFOID:000000006200066

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1052 B1057	DRIVER AIRBAG MODULE [SHORT]	Driver air bag module circuit are shorted to each other. (including the spiral cable.)	<ul style="list-style-type: none">• Disconnection of wiring harness and short.• Internal breakdown in driver air bag module.• Internal breakdown in spiral cable.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

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

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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B1052, B1057 DRIVER AIRBAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

>> GO TO 2.

2. CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-163, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200067

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1. CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3. CHECK DRIVER AIR BAG MODULE

1. Replace driver air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> GO TO 4.

4. CHECK SPIRAL CABLE CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect driver side air bag module harness connector and body side harness connector.
3. Check continuity between driver side air bag module harness connector and body side harness connector.

Driver side air bag module harness connector	Terminal	Body side harness connector	Terminal	Continuity
M350	10 11	M32	30 23	Existed
M351	13 12		23 28	

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

Driver side air bag module harness connector	Terminal		Continuity
M350	10 11	Ground	Not existed
M351	13 12		

B1052, B1057 DRIVER AIRBAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

Is the inspection result normal?

YES >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

NO >> Replace spiral cable.

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

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

Description

INFOID:000000006200068

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

Detects the whole SRS electrical system and displays the malfunction either by illuminating or blinking the air bag warning lamp in the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and electro-diagnosis tester CONSULT-III.

OPERATION

It detects a shock that exceeds specified level and monitors such systems as the driver and passenger air bag, side air bag, curtain air bag, pre-tensioner seat belts and Occupant Classification System (OCS) operate properly.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

SRS diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006200069

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1058 B1059 B1060 B1061 B1062 B1063	CONTROL UNIT	Diagnosis sensor unit is out of order.	Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-57, "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-163, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200070

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK DIAGNOSIS SENSOR UNIT

1. Replace diagnosis sensor unit (ACU).

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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B1065, B1070 ASSIST A/B MODULE

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

B1065, B1070 ASSIST A/B MODULE

Description

INFOID:000000006200071

DTC B 1065, B1070 [OPEN] ASSIST A/B MODULE

For front passenger air bag module, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In the case of a frontal collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Front passenger air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Front passenger air bag module is installed on the instrument panel with fixed bolts.

DTC Logic

INFOID:000000006200072

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1065 B1070	ASSIST A/B MODULE [OPEN]	Front passenger air bag module circuit is open.	<ul style="list-style-type: none">• Disconnection of wiring harness and open.• Internal breakdown in front passenger air bag module.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-59, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

B1065, B1070 ASSIST A/B MODULE

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200073

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace wiring harness.

3.CHECK FRONT PASSENGER AIR BAG MODULE

1. Replace front passenger air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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B1066, B1071 ASSIST A/B MODULE

Description

INFOID:000000006200074

DTC B1066, B1071 [VB-SHORT] ASSIST A/B MODULE

For front passenger air bag module, crash is judged by main “G” sensor output signal and sub “G” sensor in front direction.

OPERATION

In the case of a frontal collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Front passenger air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Front passenger air bag module is installed on the instrument panel with fixed bolts.

DTC Logic

INFOID:000000006200075

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1066 B1071	ASSIST A/B MODULE [VB-SHORT]	Front passenger air bag module circuit is shorted to some power supply circuit.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in front passenger air bag module. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-61, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

B1066, B1071 ASSIST A/B MODULE

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200076

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Repair or replace wiring harness.

3.CHECK FRONT PASSENGER AIR BAG MODULE

1. Replace front passenger air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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B1067, B1072 ASSIST A/B MODULE

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

B1067, B1072 ASSIST A/B MODULE

Description

INFOID:000000006200077

DTC B1067, B1072 [GND-SHORT] ASSIST A/B MODULE

For front passenger air bag module, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In the case of a frontal collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Front passenger air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Front passenger air bag module is installed on the instrument panel with fixed bolts.

DTC Logic

INFOID:000000006200078

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1067 B1072	ASSIST A/B MODULE [GND-SHORT]	Front passenger air bag module circuit is shorted to ground.	<ul style="list-style-type: none">• Disconnection of wiring harness and short.• Internal breakdown in front passenger air bag module.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

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

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

B1067, B1072 ASSIST A/B MODULE

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200079

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.CHECK FRONT PASSENGER AIR BAG MODULE

1. Replace front passenger air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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B1068, B1073 ASSIST A/B MODULE

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

B1068, B1073 ASSIST A/B MODULE

Description

INFOID:000000006200080

DTC B1068, B1073 [SHORT] ASSIST A/B MODULE

For front passenger air bag module, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In the case of a frontal collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Front passenger air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Front passenger air bag module is installed on the instrument panel with fixed bolts.

DTC Logic

INFOID:000000006200081

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1068 B1073	ASSIST A/B MODULE [SHORT]	Front passenger air bag module circuits are shorted to each other.	<ul style="list-style-type: none">• Disconnection of wiring harness and short.• Internal breakdown in front passenger air bag module.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-65, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

B1068, B1073 ASSIST A/B MODULE

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200082

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminal and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace wiring harness.

3.CHECK FRONT PASSENGER AIR BAG MODULE

1. Replace front passenger air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

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

Description

INFOID:000000006200083

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

Detects the whole SRS electrical system and displays the malfunction either by illuminating or blinking the air bag warning lamp in the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and electro-diagnosis tester CONSULT-III.

OPERATION

It detects a shock that exceeds specified level and monitors such systems as the driver and passenger air bag, side air bag, curtain air bag, pre-tensioner seat belts and Occupant Classification System (OCS) operate properly.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

SRS diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006200084

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1074 B1075 B1076 B1077 B1078 B1079	CONTROL UNIT	Diagnosis sensor unit is out of order.	Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

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

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-163, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200085

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK DIAGNOSIS SENSOR UNIT

1. Replace diagnosis sensor unit (ACU).

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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SRC

B1081 PRE-TEN FRONT RH

Description

INFOID:000000006200086

DTC B1081 [OPEN] PRE-TEN FRONT RH

For front RH seat belt pre-tensioner, crash is judged by main “G” sensor output signal and sub “G” sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front RH seat belt pre-tensioner is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200087

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1081	PRE-TEN FRONT RH [OPEN]	Front RH seat belt pre-tensioner circuit is open.	<ul style="list-style-type: none"> • Disconnection of wiring harness and open. • Internal breakdown in front RH seat belt pre-tensioner. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-69. "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200088

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER

1. Replace front RH seat belt pre-tensioner.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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B1082 PRE-TEN FRONT RH

Description

INFOID:000000006200089

DTC B1082 [VB-SHORT] PRE-TEN FRONT RH

For front RH seat belt pre-tensioner, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front RH seat belt pre-tensioner is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200090

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1082	PRE-TEN FRONT RH [VB-SHORT]	Front RH seat belt pre-tensioner circuit is shorted to some power supply circuit.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in front RH seat belt pre-tensioner. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-71. "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to SRC-163, "DTC Index".

NO >> INSPECTION END.

Diagnosis Procedure

INFOID:000000006200091

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER

1. Replace front RH seat belt pre-tensioner.

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> INSPECTION END.

NO >> Check the intermittent incident. Refer to GI-45, "Intermittent Incident".

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B1083 PRE-TEN FRONT RH**Description**

INFOID:000000006200092

DTC B1083 [GND-SHORT] PRE-TEN FRONT RH

For front RH seat belt pre-tensioner, crash is judged by main “G” sensor output signal and sub “G” sensor in front direction.

OPERATION

In case of frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front RH seat belt pre-tensioner is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200093

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1083	PRE-TEN FRONT RH [GND-SHORT]	Front RH seat belt pre-tensioner circuit is shorted to ground.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in front RH seat belt pre-tensioner. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)**1.INSPECTION START**

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-73. "Diagnosis Procedure"](#).
 NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)**NOTE:**

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

1.INSPECTION START

Turn ignition switch ON.

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200094

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER

1. Replace front RH seat belt pre-tensioner.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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B1084 PRE-TEN FRONT RH**Description**

INFOID:000000006200095

DTC B1084 [SHORT] PRE-TEN FRONT RH

For front RH seat belt pre-tensioner, crash is judged by main “G” sensor output signal and sub “G” sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front RH seat belt pre-tensioner is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200096

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1084	PRE-TEN FRONT RH [SHORT]	Front RH seat belt pre-tensioner circuit are shorted to each other.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in front RH seat belt pre-tensioner. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)**1.INSPECTION START**

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-75. "Diagnosis Procedure"](#).
 NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)**NOTE:**

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

1.INSPECTION START

Turn ignition switch ON.

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to SRC-163, "DTC Index".

NO >> INSPECTION END.

Diagnosis Procedure

INFOID:000000006200097

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspectiion result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER

1. Replace front RH seat belt pre-tensioner.

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> INSPECTION END.

NO >> Check the intermittent incident. Refer to GI-45, "Intermittent Incident".

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SRC

B1086 PRE-TEN FRONT LH

Description

INFOID:000000006200098

DTC B1086 [OPEN] PRE-TEN FRONT LH

For front LH seat belt pre-tensioner, crash is judged by main “G” sensor output signal and sub “G” sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front LH seat belt pre-tensioner is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200099

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1086	PRE-TEN FRONT LH [OPEN]	Front LH seat belt pre-tensioner circuit is open.	<ul style="list-style-type: none"> • Disconnection of wiring harness and open. • Internal breakdown in front LH seat belt pre-tensioner. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-77. "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200100

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.CHECK FRONT SEAT BELT PRE-TENSIONER

1. Replace front LH seat belt pre-tensioner.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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B1087 PRE-TEN FRONT LH

Description

INFOID:000000006200101

DTC B1087 [VB-SHORT] PRE-TEN FRONT LH

For front LH seat belt pre-tensioner, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front LH seat belt pre-tensioner is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200102

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1087	PRE-TEN FRONT LH [VB-SHORT]	Front LH seat belt pre-tensioner circuit is shorted to some power supply circuit.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in front LH seat belt pre-tensioner. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

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

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-163, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200103

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER

1. Replace front LH seat belt pre-tensioner.

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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SRC

B1088 PRE-TEN FRONT LH

Description

INFOID:000000006200104

DTC B1088 [GND-SHORT] PRE-TEN FRONT LH

For front LH seat belt pre-tensioner, crash is judged by main “G” sensor output signal and sub “G” sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front LH seat belt pre-tensioner is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200105

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1088	PRE-TEN FRONT LH [GND-SHORT]	Front LH seat belt pre-tensioner circuit is shorted to ground.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in front LH seat belt pre-tensioner. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

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

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to SRC-163, "DTC Index".

NO >> INSPECTION END.

Diagnosis Procedure

INFOID:000000006200106

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER

1. Replace front LH seat belt pre-tensioner.

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> INSPECTION END.

NO >> Check the intermittent incident. Refer to GI-45, "Intermittent Incident".

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SRC

B1089 PRE-TEN FRONT LH**Description**

INFOID:000000006200107

DTC B1089 [SHORT] PRE-TEN FRONT LH

For front LH seat belt pre-tensioner, crash is judged by main “G” sensor output signal and sub “G” sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. It restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front LH seat belt pre-tensioner is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200108

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1089	PRE-TEN FRONT LH [SHORT]	Front LH seat belt pre-tensioner circuit are shorted to each other.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in front LH seat belt pre-tensioner. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)**1.INSPECTION START**

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

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

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)**NOTE:**

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

1.INSPECTION START

Turn ignition switch ON.

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to SRC-163, "DTC Index".

NO >> INSPECTION END.

Diagnosis Procedure

INFOID:000000006200109

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER

1. Replace front LH seat belt pre-tensioner.

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> INSPECTION END.

NO >> Check the intermittent incident. Refer to GI-45, "Intermittent Incident".

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SRC

B1091, B1093 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

B1091, B1093 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000006487190

Checks the entire SRS and displays the malfunction either by illuminating or blinking the air bag warning lamp on the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and CONSULT-III.

OPERATION

It detects a shock that exceeds a specified level and monitors whether the driver and passenger air bags, front side air bag, side curtain air bag and pre-tensioner seat belts operate normally.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

Air bag diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006487191

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1091 B1093	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning or out of the specification	<ul style="list-style-type: none">Malfunction in air bag diagnosis sensor unitConfiguration in air bag diagnosis sensor unit does not match the vehicles specification

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-18, "Diagnosis Description"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-84, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006487192

WARNING:

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

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.

B1091, B1093 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-84, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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SRC

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

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

Description

INFOID:000000006200110

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

Detects the whole SRS electrical system and displays the malfunction either by illuminating or blinking the air bag warning lamp in the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and electro-diagnosis tester CONSULT-III.

OPERATION

It detects a shock that exceeds specified level and monitors such systems as the driver and passenger air bag, side air bag, curtain air bag, pre-tensioner seat belts and Occupant Classification System (OCS) operate properly.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

SRS diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006200111

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1106 B1107 B1108 B1109 B1110 B1111	CONTROL UNIT	Diagnosis sensor unit is out of order.	Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

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

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-163, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200112

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK DIAGNOSIS SENSOR UNIT

1. Replace diagnosis sensor unit (ACU).

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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SRC

B1113, B1114 SATELLITE SENS RH

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

B1113, B1114 SATELLITE SENS RH

Description

INFOID:000000006200113

DTC B1113, B1114 [UNIT FAIL] SATELLITE SENS RH

Main "G" sensor generates signal voltage, when it detects deceleration beyond the specified level by vehicle side collision.

OPERATION

When ACU define the both signal voltage of the "G" sensor and the Safing sensor to be that of collision which exceeds specified level, the driving circuit switches on and feeds the electric ignitor of both the side air bag and curtain air bag.

STRUCTURE

Integrated type of the G sensor element for side collision with output terminals for signal voltage.

INSTALLATION

RH satellite sensor is installed at the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200114

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1113 B1114	SATELLITE SENS RH [UNIT FAIL]	RH satellite sensor is out of order.	<ul style="list-style-type: none">• Disconnection of wiring harness.• Internal breakdown in RH satellite sensor.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

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

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

B1113, B1114 SATELLITE SENS RH

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-163, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200115

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK SATELLITE SENSOR

1. Replace RH satellite sensor.

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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B1115, B1116 SATELLITE SENS RH

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

B1115, B1116 SATELLITE SENS RH

Description

INFOID:000000006200116

DTC B1115, B1116 [COMM FAIL] SATELLITE SENS RH

Main "G" sensor generates signal voltage, when it detects deceleration beyond the specified level by vehicle side collision.

OPERATION

When ACU defines both signal voltage of the "G" sensor and the Safing sensor to be that of collision which exceeds specified level, the driving circuit switches on and feeds the electric ignitor of both the side air bag and curtain air bag.

STRUCTURE

Integrated type of the G sensor element for side collision with output terminals for signal voltage.

INSTALLATION

RH satellite sensor is installed at the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200117

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1115 B1116	SATELLITE SENS RH [COMM FAIL] [UNMATCH]	RH satellite sensor is out of order.	<ul style="list-style-type: none"> Disconnection of wiring harness. Internal breakdown in RH satellite sensor. Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-91, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

B1115, B1116 SATELLITE SENS RH

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200118

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace wiring harness.

3.CHECK SATELLITE SENSOR

1. Replace RH satellite sensor.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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B1118, B1119 SATELLITE SENS LH

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

B1118, B1119 SATELLITE SENS LH

Description

INFOID:000000006200119

DTC B1118, B1119 [UNIT FAIL] SATELLITE SENS LH

Main "G" sensor generates signal voltage, when it detects deceleration beyond the specified level by vehicle side collision.

OPERATION

When ACU defines both signal voltage of the "G" sensor and the Safing sensor to be that of collision which exceeds specified level, the driving circuit switches on and feeds the electric ignitor of both the side air bag and curtain air bag.

STRUCTURE

Integrated type of the G sensor element for side collision with output terminals for signal voltage.

INSTALLATION

LH satellite sensor is installed at the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200120

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1118 B1119	SATELLITE SENS LH [UNIT FAIL]	LH satellite sensor is out of order.	<ul style="list-style-type: none">• Disconnection of wiring harness.• Internal breakdown in LH satellite sensor.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

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

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

B1118, B1119 SATELLITE SENS LH

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200121

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace wiring harness.

3.CHECK SATELLITE SENSOR

1. Replace LH satellite sensor.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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B1120, B1121 SATELLITE SENS LH

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

B1120, B1121 SATELLITE SENS LH

Description

INFOID:000000006200122

DTC B1120, B1121 [COMM FAIL] SATELLITE SENS LH

Main "G" sensor generates signal voltage, when it detects deceleration beyond the specified level by vehicle side collision.

OPERATION

When ACU defines both signal voltage of the "G" sensor and the Safing sensor to be that of collision which exceeds specified level, the driving circuit switches on and feeds the electric ignitor of both the side air bag and curtain air bag.

STRUCTURE

Integrated type of the G sensor element for side collision with output terminals for signal voltage.

INSTALLATION

LH satellite sensor is installed at the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200123

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1120 B1121	SATELLITE SENS LH [COMM FAIL] [UNMATCH]	LH satellite sens is out of order.	<ul style="list-style-type: none">• Disconnection of wiring harness.• Internal breakdown in LH satellite sens.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

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

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

B1120, B1121 SATELLITE SENS LH

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200124

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace wiring harness.

3.CHECK SATELLITE SENSOR

1. Replace LH satellite sensor.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

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

Description

INFOID:000000006200125

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

Detects the whole SRS electrical system and displays the malfunction either by illuminating or blinking the air bag warning lamp in the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and electro-diagnosis tester CONSULT-III.

OPERATION

It detects a shock that exceeds specified level and monitors such systems as the driver and passenger air bag, side air bag, curtain air bag, pre-tensioner seat belts and Occupant Classification System (OCS) operate properly.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

SRS diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006200126

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1122 B1123 B1124 B1125 B1126 B1127	CONTROL UNIT	Diagnosis sensor unit is out of order.	Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

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

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-163, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200127

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK DIAGNOSIS SENSOR UNIT

1. Replace diagnosis sensor unit (ACU).

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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SRC

B1129 SIDE MODULE RH

Description

INFOID:000000006200128

DTC B1129 [OPEN] SIDE MODULE RH

For front RH side air bag module, crash is judged by main “G” sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub “G” sensor (right and left GP in center unit).

OPERATION

In case of collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Front RH side air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Front RH side air bag module is installed on the side of front seat back with fixed nuts.

DTC Logic

INFOID:000000006200129

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1129	SIDE MODULE RH [OPEN]	Front RH side air bag module circuit is open.	<ul style="list-style-type: none"> • Disconnection of wiring harness and open. • Internal breakdown in front RH side air bag module. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-99, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200130

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace wiring harness.

3.CHECK FRONT SIDE AIR BAG MODULE

1. Replace front RH side air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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B1130 SIDE MODULE RH

Description

INFOID:000000006200131

DTC B1130 [VB-SHORT] SIDE MODULE RH

For front RH side air bag module, crash is judged by main “G” sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub “G” sensor (right and left GP in center unit).

OPERATION

In case of collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Front RH side air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Front RH side air bag module is installed on the side of front seatback with fixed nuts.

DTC Logic

INFOID:000000006200132

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1130	SIDE MODULE RH [VB-SHORT]	Front RH side air bag module circuit is shorted to some power supply circuit.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in front RH side air bag module. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-101, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200133

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace wiring harness.

3.CHECK FRONT SIDE AIR BAG MODULE

1. Replace front RH side air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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SRC

B1131 SIDE MODULE RH

Description

INFOID:000000006200134

DTC B1131 [GND-SHORT] SIDE MODULE RH

For front RH side air bag module, crash is judged by main “G” sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub “G” sensor (right and left GP in center unit).

OPERATION

In case of collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Front RH side air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Front RH side air bag module is installed on the side of front seatback with fixed nuts.

DTC Logic

INFOID:000000006200135

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1131	SIDE MODULE RH [GND-SHORT]	Front RH side air bag module circuit is shorted to ground.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in front RH side air bag module. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-103. "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200136

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace wiring harness.

3.CHECK FRONT SIDE AIR BAG MODULE

1. Replace front RH side air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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SRC

B1132 SIDE MODULE RH

Description

INFOID:000000006200137

DTC B1132 [SHORT] SIDE MODULE RH

For front RH side air bag module, crash is judged by main “G” sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub “G” sensor (right and left GP in center unit).

OPERATION

In case of collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Front RH side air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Front RH side air bag module is installed on the side of front seatback with fixed nuts.

DTC Logic

INFOID:000000006200138

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1132	SIDE MODULE RH [SHORT]	Front RH side air bag module circuit are shorted to each other.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in front RH side air bag module. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-105, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200139

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace wiring harness.

3.CHECK FRONT SIDE AIR BAG MODULE

1. Replace front RH side air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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SRC

B1134 SIDE MODULE LH

Description

INFOID:000000006200140

DTC B1134 [OPEN] SIDE MODULE LH

For front LH side air bag module, crash is judged by main "G" sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub "G" sensor (right and left GP in center unit).

OPERATION

In case of collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Front LH side air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Front LH side air bag module is installed on the side of front seatback with fixed nuts.

DTC Logic

INFOID:000000006200141

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1134	SIDE MODULE LH [OPEN]	Front LH side air bag module circuit is open.	<ul style="list-style-type: none"> • Disconnection of wiring harness and open. • Internal breakdown in front LH side air bag module. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-107, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
 NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200142

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
 NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.CHECK FRONT SIDE AIR BAG MODULE

1. Replace front LH side air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
 NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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B1135 SIDE MODULE LH

Description

INFOID:000000006200143

DTC B1135 [VB-SHORT] SIDE MODULE LH

For front LH side air bag module, crash is judged by main “G” sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub “G” sensor (right and left GP in center unit).

OPERATION

In case of collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Front LH side air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Front LH side air bag module is installed on the side of front seatback with fixed nuts.

DTC Logic

INFOID:000000006200144

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1135	SIDE MODULE LH [VB-SHORT]	Front LH side air bag module circuit is shorted to some power supply circuit.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in front LH side air bag module. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-109. "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200145

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace wiring harness.

3.CHECK FRONT SIDE AIR BAG MODULE

1. Replace front LH side air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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SRC

B1136 SIDE MODULE LH

Description

INFOID:000000006200146

DTC B1136 [GND-SHORT] SIDE MODULE LH

For front LH side air bag module, crash is judged by main “G” sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub “G” sensor (right and left GP in center unit).

OPERATION

In case of collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Front LH side air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Front LH side air bag module is installed on the side of front seatback with fixed nuts.

DTC Logic

INFOID:000000006200147

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1136	SIDE MODULE LH [GND-SHORT]	Front LH side air bag module circuit is shorted to ground.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in front LH side air bag module. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-111, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200148

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace wiring harness.

3.CHECK FRONT SIDE AIR BAG MODULE

1. Replace front LH side air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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SRC

B1137 SIDE MODULE LH

Description

INFOID:000000006200149

DTC B1137 [SHORT] SIDE MODULE LH

For front LH side air bag module, crash is judged by main "G" sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub "G" sensor (right and left GP in center unit).

OPERATION

In case of collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Front LH side air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Front LH side air bag module is installed on the side of front seatback with fixed nuts.

DTC Logic

INFOID:000000006200150

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1137	SIDE MODULE LH [SHORT]	Front LH side air bag module circuit are shorted to each other.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in front LH side air bag module. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-113. "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200151

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminal and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use un specified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace wiring harness.

3.CHECK FRONT SIDE AIR BAG MODULE

1. Replace front LH side air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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SRC

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

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

Description

INFOID:000000006200152

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

Detects the whole SRS electrical system and displays the malfunction either by illuminating or blinking the air bag warning lamp in the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and electro-diagnosis tester CONSULT-III.

OPERATION

It detects a shock that exceeds specified level and monitors such systems as the driver and passenger air bag, side air bag, curtain air bag, pre-tensioner seat belts and Occupant Classification System (OCS) operate properly.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

SRS diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006200153

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1138 B1139 B1140 B1141 B1142 B1143	CONTROL UNIT	Diagnosis sensor unit is out of order.	Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-115, "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-163, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200154

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK DIAGNOSIS SENSOR UNIT

1. Replace diagnosis sensor unit (ACU).

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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B1145 CURTAIN MODULE RH

Description

INFOID:000000006200155

DTC B1145 [OPEN] CURTAIN MODULE RH

For RH side curtain air bag module, crash is judged by main "G" sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub "G" sensor (right and left GP in center unit).

OPERATION

In case of collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

RH side curtain air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

RH side curtain air bag module is installed on the roof side with fixed bolts.

DTC Logic

INFOID:000000006200156

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1145	CURTAIN MODULE RH [OPEN]	RH side curtain air bag module circuit is open.	<ul style="list-style-type: none">• Disconnection of wiring harness and open.• Internal breakdown in RH side curtain air bag module.• Replace diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-117, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

B1145 CURTAIN MODULE RH

[FOR USA AND CANADA]

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200157

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace wiring harness.

3.CHECK SIDE CURTAIN AIR BAG MODULE

1. Replace RH side curtain air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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SRC

B1146 CURTAIN MODULE RH

Description

INFOID:000000006200158

DTC B1146 [VB-SHORT] CURTAIN MODULE RH

For RH side curtain air bag module, crash is judged by main "G" sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub "G" sensor (right and left GP in center unit).

OPERATION

In case of collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

RH side curtain air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

RH side curtain air bag module is installed on the roof side with fixed bolts.

DTC Logic

INFOID:000000006200159

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1146	CURTAIN MODULE RH [VB-SHORT]	RH side curtain air bag module circuit is shorted to some power supply circuit.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in RH side curtain air bag module. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-119. "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

B1146 CURTAIN MODULE RH

[FOR USA AND CANADA]

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200160

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Repair or replace wiring harness.

3.CHECK SIDE CURTAIN AIR BAG MODULE

1. Replace RH side curtain air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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SRC

B1147 CURTAIN MODULE RH

Description

INFOID:000000006200161

DTC B1147 [GND-SHORT] CURTAIN MODULE RH

For RH side curtain air bag module, crash is judged by main "G" sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub "G" sensor (right and left GP in center unit).

OPERATION

In case of collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

RH side curtain air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

RH side curtain air bag module is installed on the roof side with fixed bolts.

DTC Logic

INFOID:000000006200162

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1147	CURTAIN MODULE RH [GND-SHORT]	RH side curtain air bag module circuit is shorted to ground.	<ul style="list-style-type: none">• Disconnection of wiring harness and short.• Internal breakdown in RH side curtain air bag module.• Replace diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-121, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

B1147 CURTAIN MODULE RH

[FOR USA AND CANADA]

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200163

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Repair or replace wiring harness.

3.CHECK SIDE CURTAIN AIR BAG MODULE

1. Replace RH side curtain air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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SRC

B1148 CURTAIN MODULE RH

Description

INFOID:000000006200164

DTC B1148 [SHORT] CURTAIN MODULE RH

For RH side curtain air bag module, crash is judged by main “G” sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub “G” sensor (right and left GP in center unit).

OPERATION

In case of collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

RH side curtain air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

RH side curtain air bag module is installed on the roof side with fixed bolts.

DTC Logic

INFOID:000000006200165

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1148	CURTAIN MODULE RH [SHORT]	RH side curtain air bag module circuit are shorted to each other.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in RH side curtain air bag module. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-123. "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

B1148 CURTAIN MODULE RH

[FOR USA AND CANADA]

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200166

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Repair or replace wiring harness.

3.CHECK SIDE CURTAIN AIR BAG MODULE

1. Replace RH side curtain air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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B1150 CURTAIN MODULE LH

Description

INFOID:000000006200167

DTC B1150 [OPEN] CURTAIN MODULE LH

For LH side curtain air bag module, crash is judged by main "G" sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub "G" sensor (right and left GP in center unit).

OPERATION

In case of collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

LH side curtain air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

LH side curtain air bag module is installed on the roof side with fixed bolts.

DTC Logic

INFOID:000000006200168

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1150	CURTAIN MODULE LH [OPEN]	LH side curtain air bag module circuit is open.	<ul style="list-style-type: none">• Disconnection of wiring harness and open.• Internal breakdown in LH side curtain air bag module.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-125, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

B1150 CURTAIN MODULE LH

[FOR USA AND CANADA]

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200169

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Repair or replace wiring harness.

3.CHECK SIDE CURTAIN AIR BAG MODULE

1. Replace LH side curtain air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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B1151 CURTAIN MODULE LH

Description

INFOID:000000006200170

DTC B1151 [VB-SHORT] CURTAIN MODULE LH

For LH side curtain air bag module, crash is judged by main "G" sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub "G" sensor (right and left GP in center unit).

OPERATION

In case of collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

LH side curtain air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

LH side curtain air bag module is installed on the roof side with fixed bolts.

DTC Logic

INFOID:000000006200171

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1151	CURTAIN MODULE LH [VB-SHORT]	LH side curtain air bag module circuit is shorted to some power supply circuit.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in LH side curtain air bag module. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-127, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

B1151 CURTAIN MODULE LH

[FOR USA AND CANADA]

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200172

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Repair or replace wiring harness.

3.CHECK SIDE CURTAIN AIR BAG MODULE

1. Replace LH side curtain air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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SRC

B1152 CURTAIN MODULE LH

Description

INFOID:000000006200173

DTC B1152 [GND-SHORT] CURTAIN MODULE LH

For LH side curtain air bag module, crash is judged by main "G" sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub "G" sensor (right and left GP in center unit).

OPERATION

In case of collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

LH side curtain air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

LH side curtain air bag module is installed on the roof side with fixed bolts.

DTC Logic

INFOID:000000006200174

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1152	CURTAIN MODULE LH [GND-SHORT]	LH side curtain air bag module circuit is shorted to ground.	<ul style="list-style-type: none">• Disconnection of wiring harness and short.• Internal breakdown in LH side curtain airbag module.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-129. "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

B1152 CURTAIN MODULE LH

[FOR USA AND CANADA]

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200175

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Repair or replace wiring harness.

3.CHECK SIDE CURTAIN AIR BAG MODULE

1. Replace LH side curtain air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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B1153 CURTAIN MODULE LH

Description

INFOID:000000006200176

DTC B1153 [SHORT] CURTAIN MODULE LH

For LH side curtain air bag module, crash is judged by main "G" sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub "G" sensor (right and left GP in center unit).

OPERATION

In case of collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

LH side curtain air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

LH side curtain air bag module is installed on the roof side with fixed bolts.

DTC Logic

INFOID:000000006200177

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1153	CURTAIN MODULE LH [SHORT]	LH side curtain air bag module circuit are shorted to each other.	<ul style="list-style-type: none">• Disconnection of wiring harness and short.• Internal breakdown in LH side curtain air bag module.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-131, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

B1153 CURTAIN MODULE LH

[FOR USA AND CANADA]

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-163, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200178

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Repair or replace wiring harness.

3.CHECK SIDE CURTAIN AIR BAG MODULE

1. Replace LH side curtain air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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B1155, B1157 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

B1155, B1157 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000006487193

Checks the entire SRS and displays the malfunction either by illuminating or blinking the air bag warning lamp on the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and CONSULT-III.

OPERATION

It detects a shock that exceeds a specified level and monitors whether the driver and passenger air bags, front side air bag, side curtain air bag and pre-tensioner seat belts operate normally.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

Air bag diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006487194

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1155 B1157	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning or out of the specification	<ul style="list-style-type: none">Malfunction in air bag diagnosis sensor unitConfiguration in air bag diagnosis sensor unit does not match the vehicles specification

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-18, "Diagnosis Description"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-132, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006487195

WARNING:

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

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.

B1155, B1157 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-132, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

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

Description

INFOID:000000006200179

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

Detects the whole SRS electrical system and displays the malfunction either by illuminating or blinking the air bag warning lamp in the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and electro-diagnosis tester CONSULT-III.

OPERATION

It detects a shock that exceeds specified level and monitors such systems as the driver and passenger air bag, side air bag, curtain air bag, pre-tensioner seat belts and Occupant Classification System (OCS) operate properly.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

SRS diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006200180

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1170 B1171 B1172 B1173 B1174 B1175	CONTROL UNIT	Diagnosis sensor unit is out of order.	Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-135, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200181

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK DIAGNOSIS SENSOR UNIT

1. Replace diagnosis sensor unit (ACU).

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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B1177 PRE-TEN2 FRONT RH

Description

INFOID:000000006200182

DTC B1177 [OPEN] PRE-TEN2 FRONT RH

For front RH seat belt pre-tensioner 2, crash is judged by main “G” sensor output signal and sub “G” sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front RH seat belt pre-tensioner 2 is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200183

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1177	PRE-TEN2 FRONT RH [OPEN]	Front RH seat belt pre-tensioner 2 circuit is open.	<ul style="list-style-type: none"> • Disconnection of wiring harness and open. • Internal breakdown in front RH seat belt pre-tensioner 2. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-137. "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to SRC-322, "DTC Index".

NO >> INSPECTION END.

Diagnosis Procedure

INFOID:0000000006200184

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER 2

1. Replace front RH seat belt pre-tensioner 2.

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> INSPECTION END.

NO >> Check the intermittent incident. Refer to GI-45, "Intermittent Incident".

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SRC

B1178 PRE-TEN2 FRONT RH

Description

INFOID:000000006200185

DTC B1178 [VB-SHORT] PRE-TEN2 FRONT RH

For front RH seat belt pre-tensioner 2, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front RH seat belt pre-tensioner 2 is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200186

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1178	PRE-TEN2 FRONT RH [VB-SHORT]	Front RH seat belt pre-tensioner 2 circuit is shorted to some power supply circuit.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in front RH seat belt pre-tensioner 2. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-139. "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200187

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER 2

1. Replace front RH seat belt pre-tensioner 2.

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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SRC

B1179 PRE-TEN2 FRONT RH

Description

INFOID:000000006200188

DTC B1179 [GND-SHORT] PRE-TEN2 FRONT RH

For front RH seat belt pre-tensioner 2, crash is judged by main “G” sensor output signal and sub “G” sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front RH seat belt pre-tensioner 2 is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200189

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1179	PRE-TEN2 FRONT RH [GND-SHORT]	Front RH seat belt pre-tensioner 2 circuit is shorted to ground.	<ul style="list-style-type: none">• Disconnection of wiring harness and short.• Internal breakdown in front RH seat belt pre-tensioner 2.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-141. "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to SRC-322, "DTC Index".

NO >> INSPECTION END.

Diagnosis Procedure

INFOID:000000006200190

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER 2

1. Replace front RH seat belt pre-tensioner 2.

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> INSPECTION END.

NO >> Check the intermittent incident. Refer to GI-45, "Intermittent Incident".

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SRC

B1180 PRE-TEN2 FRONT RH

Description

INFOID:000000006200191

DTC B1180 [SHORT] PRE-TEN2 FRONT RH

For front RH seat belt pre-tensioner 2, crash is judged by main “G” sensor output signal and sub “G” sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front RH seat belt pre-tensioner 2 is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200192

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1180	PRE-TEN2 FRONT RH [SHORT]	Front RH seat belt pre-tensioner 2 circuit are shorted to each other.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in front RH seat belt pre-tensioner 2. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-143. "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to SRC-322, "DTC Index".

NO >> INSPECTION END.

Diagnosis Procedure

INFOID:000000006200193

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspectiion result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER 2

1. Replace front RH seat belt pre-tensioner 2.

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> INSPECTION END.

NO >> Check the intermittent incident. Refer to GI-45, "Intermittent Incident".

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SRC

B1182 PRE-TEN2 FRONT LH

Description

INFOID:000000006200194

DTC B1182 [OPEN] PRE-TEN2 FRONT LH

For front LH seat belt pre-tensioner 2, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front LH seat belt pre-tensioner 2 is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200195

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1182	PRE-TEN2 FRONT LH [OPEN]	Front LH seat belt pre-tensioner 2 circuit is open.	<ul style="list-style-type: none">• Disconnection of wiring harness and open.• Internal breakdown in front LH seat belt pre-tensioner 2.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

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

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?YES >> Refer to [SRC-322, "DTC Index"](#).NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200196

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER 2

1. Replace front LH seat belt pre-tensioner 2.

2. Check the screen of CONSULT-III.

Is the inspection result normal?YES >> **INSPECTION END.**NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).A
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B1183 PRE-TEN2 FRONT LH

Description

INFOID:000000006200197

DTC B1183 [VB-SHORT] PRE-TEN2 FRONT LH

For front LH seat belt pre-tensioner 2, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front LH seat belt pre-tensioner 2 is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200198

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1183	PRE-TEN2 FRONT LH [VB-SHORT]	Front LH seat belt pre-tensioner 2 circuit is shorted to some power supply circuit.	<ul style="list-style-type: none"> Disconnection of wiring harness and short. Internal breakdown in front LH seat belt pre-tensioner 2. Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

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

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200199

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER 2

1. Replace front LH seat belt pre-tensioner 2.

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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SRC

B1184 PRE-TEN2 FRONT LH

Description

INFOID:000000006200200

DTC B1184 [GND-SHORT] PRE-TEN2 FRONT LH

For front LH seat belt pre-tensioner 2, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front LH seat belt pre-tensioner 2 is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200201

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1184	PRE-TEN2 FRONT LH [GND-SHORT]	Front LH seat belt pre-tensioner 2 circuit is shorted to ground.	<ul style="list-style-type: none"> Disconnection of wiring harness and short. Internal breakdown in front LH seat belt pre-tensioner 2. Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

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

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?YES >> Refer to [SRC-322, "DTC Index"](#).NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200202

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER 2

1. Replace front LH seat belt pre-tensioner 2.

2. Check the screen of CONSULT-III.

Is the inspection result normal?YES >> **INSPECTION END.**NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).A
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B1185 PRE-TEN2 FRONT LH**Description**

INFOID:000000006200203

DTC B1185 [SHORT] PRE-TEN2 FRONT LH

For front LH seat belt pre-tensioner 2, crash is judged by main “G” sensor output signal and sub “G” sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front LH seat belt pre-tensioner 2 is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200204

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1185	PRE-TEN2 FRONT LH [SHORT]	Front LH seat belt pre-tensioner 2 circuit are shorted to each other.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in front LH seat belt pre-tensioner 2. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)**1.INSPECTION START**

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

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

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)**NOTE:**

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

1.INSPECTION START

Turn ignition switch ON.

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-322, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200205

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.CHECK FRONT SEAT BELT PRE-TENSIONER 2

1. Replace front LH seat belt pre-tensioner 2.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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B1187, B1189 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

B1187, B1189 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000006487196

Checks the entire SRS and displays the malfunction either by illuminating or blinking the air bag warning lamp on the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and CONSULT-III.

OPERATION

It detects a shock that exceeds a specified level and monitors whether the driver and passenger air bags, front side air bag, side curtain air bag and pre-tensioner seat belts operate normally.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

Air bag diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006487197

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1187 B1189	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning or out of the specification	<ul style="list-style-type: none">Malfunction in air bag diagnosis sensor unitConfiguration in air bag diagnosis sensor unit does not match the vehicle specification

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-18, "Diagnosis Description"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-152, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006487198

WARNING:

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

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.

B1187, B1189 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-152, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

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

Description

INFOID:000000006200206

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

Detects the whole SRS electrical system and displays the malfunction either by illuminating or blinking the air bag warning lamp in the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and electro-diagnosis tester CONSULT-III.

OPERATION

It detects a shock that exceeds specified level and monitors such systems as the driver and passenger air bag, side air bag, curtain air bag, pre-tensioner seat belts and Occupant Classification System (OCS) operate properly.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

SRS diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006200207

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1202 B1203 B1204 B1205 B1206 B1207	CONTROL UNIT	Diagnosis sensor unit is out of order.	Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-155, "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-163, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200208

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK DIAGNOSIS SENSOR UNIT

1. Replace diagnosis sensor unit (ACU).

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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B1209 FRONTAL COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

B1209 FRONTAL COLLISION DETECTION

Description

INFOID:000000006200209

DTC B1209 FRONTAL COLLISION DETECTION

Detects component damage resulting from a front collision, blinks or illuminates the air bag warning lamp to inform the driver. Malfunctioning part can be detected by the CONSULT-III.

OPERATION

The air bag and seat belt pre-tensioners for driver and front seat passenger are operated by the decision of the diagnosis sensor unit (ACU) out signal transmitted because of the frontal collision.

STRUCTURE

It consists of crash zone sensor, diagnosis sensor unit (ACU), air bags and seat belt pre-tensioners for driver and front passenger.

INSTALLATION

Refer to [SR-20, "Removal and Installation"](#), [SR-24, "Removal and Installation"](#), [SR-11, "Removal and Installation"](#), [SR-16, "Removal and Installation"](#), [SB-7, "SEAT BELT RETRACTOR : Removal and Installation"](#).

DTC Logic

INFOID:000000006200210

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1209	FRONTAL COLLISION DETECTION	Front seat belt pre-tensioner, front air bag is deployed.	—

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-156, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200211

WARNING:

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

1.PERFORM COLLISION DIAGNOSIS

Perform collision diagnosis.Refer to [SR-5, "FOR FRONTAL COLLISION : When SRS is activated in a collision"](#) or [SR-6, "FOR FRONTAL COLLISION : When SRS is not activated in a collision"](#).

Is collision diagnosis complete?

YES >> GO TO 2.

B1209 FRONTAL COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

NO >> INSPECTION END

2.FINAL INSPECTION

Perform "AIR BAG" Self Diagnostic Result.

Is the inspection result normal?

YES >> INSPECTION END

NO >> Perform diagnosis of applicable DTC.Refer to [SRC-163, "DTC Index"](#).

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B1210 SIDE COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

B1210 SIDE COLLISION DETECTION

Description

INFOID:0000000062002.12

DTC B1210 SIDE COLLISION DETECTION

Detects component damage resulting from a side collision, brinks or illuminates the air bag warning lamp to inform the driver. Malfunctioning part can be detected by the CONSULT-III.

OPERATION

The side air bag and curtain air bag are operated by the decision of the diagnosis sensor unit (ACU) signal of the side collision.

STRUCTURE

It consists of satellite sensor, diagnosis sensor unit (ACU), front side air bag and side curtain air bag.

INSTALLATION

Refer to [SR-22. "Removal and Installation"](#), [SR-24. "Removal and Installation"](#), [SR-18. "Removal and Installation"](#).

DTC Logic

INFOID:0000000062002.13

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1210	SIDE COLLISION DETECTION	Front side air bag, side curtain air bag is deployed.	—

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-158. "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:0000000062002.14

WARNING:

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

1.PERFORM COLLISION DIAGNOSIS

Perform collision diagnosis.Refer to [SR-5. "FOR FRONTAL COLLISION : When SRS is activated in a collision"](#) or [SR-6. "FOR FRONTAL COLLISION : When SRS is not activated in a collision"](#).

Is collision diagnosis complete?

YES >> GO TO 2.

NO >> **INSPECTION END**

B1210 SIDE COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

2.FINAL INSPECTION

Perform "AIR BAG" Self Diagnostic Result.

Is the inspection result normal?

YES >> INSPECTION END

NO >> Perform diagnosis of applicable DTC.Refer to [SRC-163. "DTC Index"](#).

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B1211 ROLLOVER DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

B1211 ROLLOVER DETECTION

Description

INFOID:000000006487186

DTC B1211 ROLLOVER DETECTION

When detect a component damage resulting from a rollover, brinks or illuminates the air bag warning lamp to inform the driver. Malfunctioning can be detected by the CONSULT-III.

OPERATION

The front seat belt pre-tensioner and side curtain air bag are operated by the decision of the air bag diagnosis sensor unit signal of the rollover.

STRUCTURE

It consists of front seat belt pre-tensioner, side curtain air bag and air bag diagnosis sensor unit.

INSTALLATION

Refer to [SR-26. "Removal and Installation"](#), [SR-18. "Removal and Installation"](#) and [SR-24. "Removal and Installation"](#).

DTC Logic

INFOID:000000006487187

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1211	ROLLOVER DETECTION	Front seat belt pre-tensioner. side curtain air bag module are deployed because of rollover detection	—

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-160. "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006487188

WARNING:

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

1.PERFORM COLLISION DIAGNOSIS

Perform collision diagnosis.Refer to [SR-7. "FOR SIDE AND ROLLOVER COLLISION : When SRS is activated in a collision"](#) or [SR-8. "FOR SIDE AND ROLLOVER COLLISION : When SRS is not activated in a collision"](#).

Is collision diagnosis complete?

YES >> GO TO 2.

NO >> INSPECTION END

B1211 ROLLOVER DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

2.FINAL INSPECTION

Perform "AIR BAG" Self Diagnostic Result.

Is the inspection result normal?

YES >> INSPECTION END

NO >> Peform diagnosis of applicable DTC.Refer to [SRC-163."DTC Index"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR USA AND CANADA]

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

DTC Logic

INFOID:000000006487202

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1218 B1219 B1220 B1221 B1222 B1223	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-18, "Diagnosis Description"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-162, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006487203

WARNING:

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

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-162, "DTC Logic"](#).

Is DTC detected?

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

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[FOR USA AND CANADA]

ECU DIAGNOSIS INFORMATION

DIAGNOSIS SENSOR UNIT

DTC Index

INFOID:000000006200215

DTC No. Index (With CONSULT-III)

(“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

NOTE:

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

Diagnostic item	Explanation		Repair order “Recheck SRS at each replacement”
NO DTC IS DETECTED.	When malfunction is indicated by the “AIR BAG” warning lamp in User mode.	Low battery voltage (Less than 9 V)	—
		<ul style="list-style-type: none"> Self-diagnosis result “SELF-DIAG [PAST]” (previously stored in the memory) might not be erased after repair. Intermittent malfunction has been detected in the past. 	Go to SRC-18, "Diagnosis Description" .
	No malfunction is detected.		—
CONTROL UNIT [B1001-B1015]	Diagnosis sensor is out of order.		Replace diagnosis sensor unit (ACU).
OCCUPANT SENS C/U [UNIT FAIL] [B1017] [B1020] [B1021]	Trouble occurs in OCS-CU.		<ol style="list-style-type: none"> Repair or replace wiring harness / harness connector. Replace front passenger seat cushion and occupant classification system control unit as an assembly. Replace diagnosis sensor unit (ACU).
OCCUPANT SENS [UNIT FAIL] [B1018]	Trouble occurs in OCS-SENS.		<ol style="list-style-type: none"> Repair or replace wiring harness / harness connector. Replace front passenger seat cushion and occupant classification system control unit as an assembly. Replace diagnosis sensor unit (ACU).
OCCUPANT SENS C/U [COMM FAIL] [B1022]	Trouble occurs in OCS-CU, circuit of OCS-CU~ACU, or ACU.		<ol style="list-style-type: none"> Repair or replace wiring harness / harness connector. Replace front passenger seat cushion and occupant classification system control unit as an assembly. Replace diagnosis sensor unit (ACU).
PASS A/B INDCTR CKT [B1023]	Cut-off telltale circuit is open or shorted to ground or the circuits are shorted each other.		<ol style="list-style-type: none"> Repair or replace wiring harness / harness connector. Replace passenger air bag off indicator. Replace diagnosis sensor unit (ACU).
CONTROL UNIT [B1026-B1031]	Diagnosis sensor is out of order.		Replace diagnosis sensor unit (ACU).

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[FOR USA AND CANADA]

Diagnostic item	Explanation	Repair order "Recheck SRS at each replacement"
CRASH ZONE SEN [UNIT FAIL] [B1033] [B1034] CRASH ZONE SEN [COMM FAIL] [B1035] [UNMATCH] [B1036] [OPEN/UPR-VB-SHORT] [B1038] [SHORT/UPR-GND-SHORT] [B1040]	Crash zone sensor is out of order.	1. Repair or replace wiring harness / harness connector. 2. Replace crash zone sensor. 3. Replace diagnosis sensor unit (ACU).
CONTROL UNIT [B1042-B1047]	Diagnosis sensor is out of order.	Replace diagnosis sensor unit (ACU).
DRIVER AIRBAG MODULE [OPEN] [B1049] [B1054]	Driver air bag module circuit is open. (including the spiral cable.)	1. Repair or replace wiring harness/harness connector. 2. Replace driver air bag module. 3. Replace spiral cable. Refer to SRC-45. "Diagnosis Procedure" . 4. Replace diagnosis sensor unit (ACU).
DRIVER AIRBAG MODULE [VB-SHORT] [B1050] [B1055]	Driver air bag module circuit is shorted to some power supply circuit. (including the spiral cable.)	4. Replace diagnosis sensor unit (ACU).
DRIVER AIRBAG MODULE [GND-SHORT] [B1051] [B1056]	Driver air bag module circuit is shorted to ground. (including the spiral cable.)	
DRIVER AIRBAG MODULE [SHORT] [B1052] [B1057]	<ul style="list-style-type: none"> • Driver air bag module circuits are shorted to each other. (including spiral cable.) • Driver air bag module circuit is shorted to itself. 	
CONTROL UNIT [B1058-B1063]	Diagnosis sensor is out of order.	Replace diagnosis sensor unit (ACU).
ASSIST A/B MODULE [OPEN] [B1065] [B1070]	Front passenger air bag module circuit is open.	1. Repair or replace wiring harness/harness connector. 2. Replace front passenger air bag module.
ASSIST A/B MODULE [VB-SHORT] [B1066] [B1071]	Front passenger air bag module circuit is shorted to some power supply circuit.	3. Replace diagnosis sensor unit (ACU).
ASSIST A/B MODULE [GND-SHORT] [B1067] [B1072]	Front passenger air bag module circuit is shorted to ground.	
ASSIST A/B MODULE [SHORT] [B1068] [B1073]	<ul style="list-style-type: none"> • Front passenger air bag module circuits are shorted to each other. • Front passenger air bag module circuit is shorted to itself. 	
CONTROL UNIT [B1074-B1079]	Diagnosis sensor is out of order.	Replace diagnosis sensor unit (ACU).

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[FOR USA AND CANADA]

Diagnostic item	Explanation	Repair order "Recheck SRS at each replacement"	
PRE-TEN FRONT RH [OPEN] [B1081]	Front RH seat belt pre-tensioner circuit is open.	<ol style="list-style-type: none"> 1. Repair or replace wiring harness/harness connector. 2. Replace front RH seat belt pre-tensioner. 3. Replace diagnosis sensor unit (ACU). 	A
PRE-TEN FRONT RH [VB-SHORT] [B1082]	Front RH seat belt pre-tensioner circuit is shorted to some power supply circuit.		B
PRE-TEN FRONT RH [GND-SHORT] [B1083]	Front RH seat belt pre-tensioner circuit is shorted to ground.		C
PRE-TEN FRONT RH [SHORT] [B1084]	<ul style="list-style-type: none"> • Front RH seat belt pre-tensioner circuits are shorted to each other. • Front RH seat belt pre-tensioner circuit is shorted to itself. 		D
PRE-TEN FRONT LH [OPEN] [B1086]	Front LH seat belt pre-tensioner circuit is open.	<ol style="list-style-type: none"> 1. Repair or replace wiring harness/harness connector. 2. Replace front LH seat belt pre-tensioner. 3. Replace diagnosis sensor unit (ACU). 	E
PRE-TEN FRONT LH [VB-SHORT] [B1087]	Front LH seat belt pre-tensioner circuit is shorted to some power supply circuit.		F
PRE-TEN FRONT LH [GND-SHORT] [B1088]	Front LH seat belt pre-tensioner circuit is shorted to ground.		G
PRE-TEN FRONT LH [SHORT] [B1089]	<ul style="list-style-type: none"> • Front LH seat belt pre-tensioner circuits are shorted to each other. • Front LH seat belt pre-tensioner circuit is shorted to itself. 		H
CONTROL UNIT [B1091-B1093]	Diagnosis sensor is out of order.	Replace diagnosis sensor unit (ACU).	I
CONTROL UNIT [B1106-B1111]	Diagnosis sensor is out of order.	Replace diagnosis sensor unit (ACU).	J
SATELLITE SENS RH [UNIT FAIL] [B1113] [B1114] SATELLITE SENS RH [COMM FAIL] [B1115] [UNMATCH] [B1116]	RH satellite sensor is out of order.	<ol style="list-style-type: none"> 1. Repair or replace wiring harness/harness connector. 2. Replace RH satellite sensor. 3. Replace diagnosis sensor unit (ACU). 	K
SATELLITE SENS LH [UNIT FAIL] [B1118] [B1119] SATELLITE SENS LH [COMM FAIL] [B1120] [UNMATCH] [B1121]	LH satellite sensor is out of order.		L
SATELLITE SENS LH [UNIT FAIL] [B1118] [B1119] SATELLITE SENS LH [COMM FAIL] [B1120] [UNMATCH] [B1121]	LH satellite sensor is out of order.	<ol style="list-style-type: none"> 1. Repair or replace wiring harness/harness connector. 2. Replace LH satellite sensor. 3. Replace diagnosis sensor unit (ACU). 	M
CONTROL UNIT [B1122-B1127]	Diagnosis sensor is out of order.		N
CONTROL UNIT [B1122-B1127]	Diagnosis sensor is out of order.	Replace diagnosis sensor unit (ACU).	O
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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[FOR USA AND CANADA]

Diagnostic item	Explanation	Repair order "Recheck SRS at each replacement"
SIDE MODULE RH [OPEN] [B1129]	Front RH side air bag module circuit is open.	<ol style="list-style-type: none"> 1. Repair or replace wiring harness/harness connector. 2. Replace front RH side air bag module. 3. Replace diagnosis sensor unit (ACU).
SIDE MODULE RH [VB-SHORT] [B1130]	Front RH side air bag module circuit is shorted to some 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]	<ul style="list-style-type: none"> • Front LH seat belt pre-tensioner circuits are shorted to each other. • Front LH seat belt pre-tensioner circuit is shorted to itself. 	
SIDE MODULE LH [OPEN] [B1134]	Front LH side air bag module circuit is open.	<ol style="list-style-type: none"> 1. Repair or replace wiring harness/harness connector. 2. Replace front LH side air bag module. 3. Replace diagnosis sensor unit (ACU).
SIDE MODULE LH [VB-SHORT] [B1135]	Front LH side air bag module circuit is shorted to some 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]	<ul style="list-style-type: none"> • Front LH side air bag module circuits are shorted to each other. • Front LH side air bag module circuit is shorted to itself. 	
CONTROL UNIT [B1138-B1143]	Diagnosis sensor is out of order.	Replace diagnosis sensor unit (ACU).
CURTAIN MODULE RH [OPEN] [B1145]	RH side curtain air bag module circuit is open.	<ol style="list-style-type: none"> 1. Repair or replace wiring harness/harness connector. 2. Replace RH side curtain air bag module. 3. Replace diagnosis sensor unit (ACU).
CURTAIN MODULE RH [VB-SHORT] [B1146]	RH side curtain air bag module circuit is shorted to some 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]	<ul style="list-style-type: none"> • RH side curtain air bag module circuits are shorted to each other. • RH side curtain air bag module circuit is shorted to itself. 	
CURTAIN MODULE LH [OPEN] [B1150]	LH side curtain air bag module circuit is open.	<ol style="list-style-type: none"> 1. Repair or replace wiring harness/harness connector. 2. Replace LH side curtain air bag module. 3. Replace diagnosis sensor unit (ACU).
CURTAIN MODULE LH [VB-SHORT] [B1151]	LH side curtain air bag module circuit is shorted to some power supply circuits.	
CURTAIN MODULE LH [GND-SHORT] [B1152]	LH side curtain air bag module circuit is shorted to ground.	
CURTAIN MODULE LH [SHORT] [B1153]	<ul style="list-style-type: none"> • LH side curtain air bag module circuits are shorted to each other. • LH side curtain air bag module circuit is shorted to itself. 	
CONTROL UNIT [B1155-B1157]	Diagnosis sensor is out of order.	Replace diagnosis sensor unit (ACU).

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[FOR USA AND CANADA]

Diagnostic item	Explanation	Repair order "Recheck SRS at each replacement"
CONTROL UNIT [B1170-B1175]	Diagnosis sensor is out of order.	Replace diagnosis sensor unit (ACU).
PRE-TEN2 FRONT RH [OPEN] [B1177]	Front RH seat belt pre-tensioner 2 circuit is open.	<ol style="list-style-type: none"> 1. Repair or replace wiring harness/harness connector. 2. Replace front RH seat belt pre-tensioner 2. 3. Replace diagnosis sensor unit (ACU).
PRE-TEN2 FRONT RH [VB-SHORT] [B1178]	Front RH seat belt pre-tensioner 2 circuit is shorted to some power supply circuit.	
PRE-TEN2 FRONT RH [GND-SHORT] [B1179]	Front RH seat belt pre-tensioner 2 circuit is shorted to ground.	
PRE-TEN2 FRONT RH [SHORT] [B1180]	<ul style="list-style-type: none"> • Front RH seat belt pre-tensioner 2 circuits are shorted to each other. • Front RH seat belt pre-tensioner 2 circuit is shorted to itself. 	
PRE-TEN2 FRONT LH [OPEN] [B1182]	Front LH seat belt pre-tensioner 2 circuit is open.	<ol style="list-style-type: none"> 1. Repair or replace wiring harness/harness connector. 2. Replace front LH seat belt pre-tensioner 2. 3. Replace diagnosis sensor unit (ACU).
PRE-TEN2 FRONT LH [VB-SHORT] [B1183]	Front LH seat belt pre-tensioner 2 circuit is shorted to some power supply circuit.	
PRE-TEN2 FRONT LH [GND-SHORT] [B1184]	Front LH seat belt pre-tensioner 2 circuit is shorted to ground.	
PRE-TEN2 FRONT LH [SHORT] [B1185]	<ul style="list-style-type: none"> • Front LH seat belt pre-tensioner 2 circuits are shorted to each other. • Front LH seat belt pre-tensioner 2 circuit is shorted to itself. 	
CONTROL UNIT [B1187-B1189]	Diagnosis sensor is out of order.	Replace diagnosis sensor unit (ACU).
CONTROL UNIT [B1202-B1207]	Diagnosis sensor is out of order.	Replace diagnosis sensor unit (ACU).
FRONTAL COLLISION DETECTION [B1209]	Seat belt pre-tensioner and front air bag is deployed.	Go to SRC-156, "Diagnosis Procedure" .
SIDE COLLISION DE- TECTION [B1210]	Side and curtain air bag is deployed.	Go to SRC-158, "Diagnosis Procedure" .
ROLLOVER DETEC- TION [B1211]	Seat belt pre-tensioner and side and curtain air bag is deployed.	Go to SRC-160, "Diagnosis Procedure" .
CONTROL UNIT [B1218-B1223]	Diagnosis sensor is out of order.	Replace diagnosis sensor unit (ACU).

WARNING LAMP FLASH CODE CHART (Without CONSULT-III)

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[FOR USA AND CANADA]

Follow the procedures in numerical order when repairing malfunctioning parts. Confirm whether malfunction is eliminated using air bag warning lamp or CONSULT-III each time repair is completed. 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 a through b are repeated. IGN ON 	Repair order 1. Erase memory. (Once key switch is turned from OFF to ON, TROUBLE DIAG RECORD will be erased.)

PHIA0532E

<Diagnosis sensor unit>	
Flash pattern a through d are repeated. d: Seven flashes indicate malfunctioning diagnosis sensor unit circuit.	Repair order 1. Replace the diagnosis sensor unit (ACU).

JMHA0034GB

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

JMHA0045GB

<Front passenger air bag off indicator>	
Flash pattern a through d are repeated. d: Eleven flashes indicate malfunctioning front passenger air bag off indicator.	Repair order 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace front passenger air bag off indicator unit. 4. Replace the diagnosis sensor unit (ACU).

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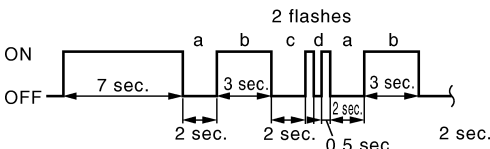
<Crash zone sensor>	
Flash pattern a through d are repeated. d: Six flashes indicate malfunctioning crash zone sensor circuit.	Repair order 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the crash zone sensor. 4. Replace the diagnosis sensor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

JMHA0036GB

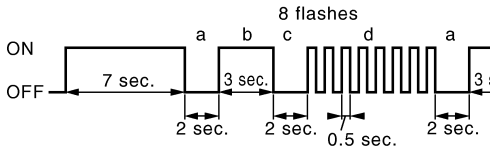
DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

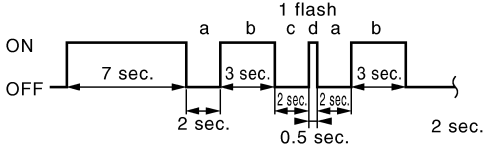
[FOR USA AND CANADA]

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

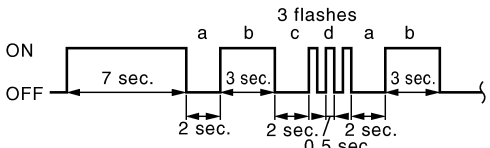
JMHA0033GB

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

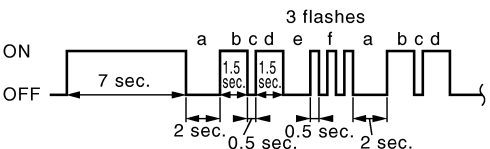
JMHA0035GB

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

JMHA0037GB

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

JMHA0038GB

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

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< ECU DIAGNOSIS INFORMATION >

[FOR USA AND CANADA]

<LH side air bag (Satellite) sensor>	
<p>Flash pattern</p> <p>a through f are repeated. f: Four flashes indicate malfunctioning LH side air bag (Satellite) sensor.</p>	<p>Repair order</p> <ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the LH side air bag (Satellite) sensor. 4. Replace the diagnosis sensor unit.
	<small>JMHIA0040GB</small>

<Front RH side air bag module>	
<p>Flash pattern</p> <p>a through f are repeated. f: One flash indicates malfunctioning front RH side air bag module circuit.</p>	<p>Repair order</p> <ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the front RH side air bag module. 4. Replace the diagnosis sensor unit (ACU).
	<small>JMHIA0041GB</small>

<Front LH side air bag module>	
<p>Flash pattern</p> <p>a through f are repeated. f: Two flashes indicate malfunctioning front LH side air bag module circuit.</p>	<p>Repair order</p> <ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the front LH side air bag module. 4. Replace the diagnosis sensor unit (ACU).
	<small>JMHIA0042GB</small>

<RH side curtain air bag module>	
<p>Flash pattern</p> <p>a through f are repeated. f: Five flashes indicate malfunctioning RH side curtain air bag module circuit.</p>	<p>Repair order</p> <ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the RH side curtain air bag module. 4. Replace the diagnosis sensor unit (ACU).
	<small>JMHIA0043GB</small>

<LH side curtain air bag module>	
<p>Flash pattern</p> <p>a through f are repeated. f: Six flashes indicate malfunctioning LH side curtain air bag module circuit.</p>	<p>Repair order</p> <ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the LH side curtain air bag module. 4. Replace the diagnosis sensor unit (ACU).
	<small>JMHIA0044GB</small>

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[FOR USA AND CANADA]

<Front RH seat belt pre-tensioner 2>	
Flash pattern	Repair order
<p>a through d are repeated. d: Twelve flashes indicates malfunctioning front RH seat belt pre-tensioner 2 circuit.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connections. 2. Replace the harness if it has visible damage. 3. Replace the front RH seat belt pre-tensioner 2. 4. Replace the diagnosis sensor unit (ACU).
JMHA0223GB	

<Front LH seat belt pre-tensioner 2>	
Flash pattern	Repair order
<p>a through d are repeated. d: Thirteen flashes indicate malfunctioning front LH seat belt pre-tensioner 2 circuit.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connections. 2. Replace the harness if it has visible damage. 3. Replace the front LH seat belt pre-tensioner 2. 4. Replace the diagnosis sensor unit (ACU).
JMHA0222GB	

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DIAGNOSIS SENSOR UNIT

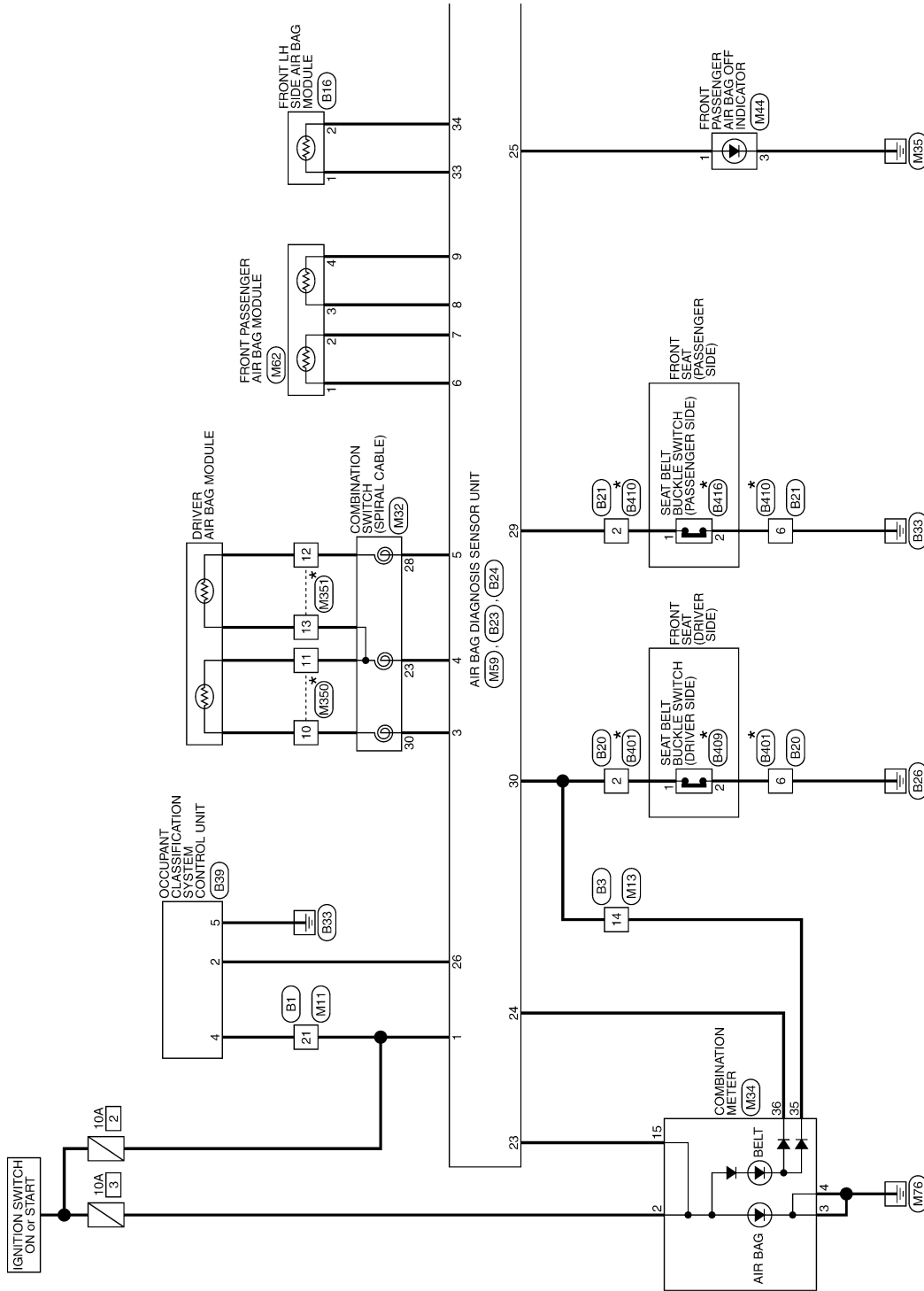
< ECU DIAGNOSIS INFORMATION >

[FOR USA AND CANADA]

Wiring Diagram — SRS AIR BAG CONTROL SYSTEM —

INFOID:000000006200216

SRS AIR BAG CONTROL SYSTEM (WITH ADVANCED AIR BAG)



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

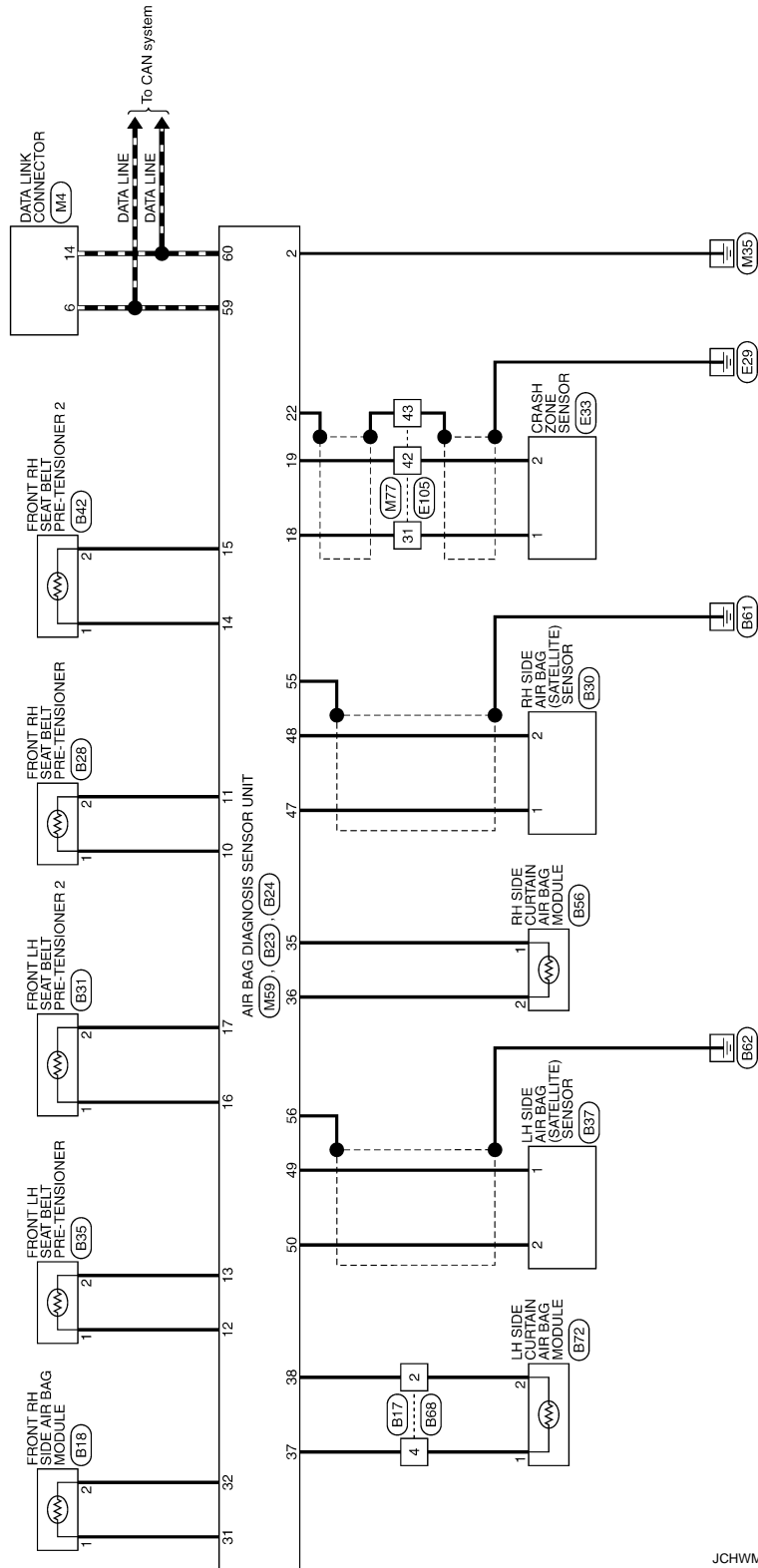
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JCHWM0783GB

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[FOR USA AND CANADA]



JCHWM0784GB

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[FOR USA AND CANADA]

SRS AIR BAG CONTROL SYSTEM (WITH ADVANCED AIR BAG)

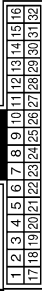
Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH32MW-CS (F-TM4)



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
2	BR	
3	G	
4	L	
6	BR	
7	Y	
8	LG	
9	BR	
10	BR	
21	R	
35	SHIELD	
36	R	
37	LG	
38	SHIELD	
39	O	
40	G	
41	R	
45	L	
46	W	
47	SHIELD	
48	V	
49	W	
50	SHIELD	
52	L	
53	L	
53	G	
54	O	
55	Y	
56	LG	
57	SB	
58	W	
59	B	
60	SB	
62	GR	
63	W	
65	SHIELD	
66	BR	
67	LG	

68	SS	-
69	SHIELD	-
70	W	-
71	W	-
72	Y	-
77	L	-
80	R	-
81	W	-
82	GR	-
86	Y	-
87	P	-
91	GR	-
92	R	-
93	W	-
94	G	-
95	O	-
96	Y	-
97	SB	-
98	Y	-
99	V	-
100	L	-

Connector No.	B3
Connector Name	WIRE TO WIRE
Connector Type	TH32MW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	
2	G	
4	R	
5	W	
6	G	
10	G	
13	Y	
14	BR	
15	P	
16	W	
17	LG	
18	R	
19	SS	
20	B	
21	SHIELD	

26	P	-
28	L	-
30	O	-
31	GR	-
32	LG	-

Connector No.	B16
Connector Name	FRONT LH SIDE AIR BAG MODULE
Connector Type	TK02FY-EX-IV



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

Connector No.	B17
Connector Name	WIRE TO WIRE
Connector Type	TK04MY-BD



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

Connector No.	B18
Connector Name	FRONT RH SIDE AIR BAG MODULE
Connector Type	TK02FY-EX-IV



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

Connector No.	B20
Connector Name	WIRE TO WIRE
Connector Type	NS08FN-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	
2	BR	
3	O	
4	W	
5	B	
6	B	

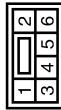
DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[FOR USA AND CANADA]

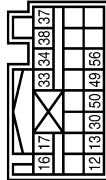
SRS AIR BAG CONTROL SYSTEM (WITH ADVANCED AIR BAG)

Connector No.	B21
Connector Name	WIRE TO WIRE
Connector Type	NS08FW-CS



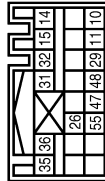
Terminal No.	Color of Wire	Signal Name [Specification]
2	LG	-
3	Y	-
4	SB	-
5	B	-
6	B	-

Connector No.	B23
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH22FY-2V-EX



Terminal No.	Color of Wire	Signal Name [Specification]
12	V	ELR LH+
13	SB	ELR LH-
16	P	ELR 2 LH+
17	O	ELR 2 LH-
30	BR	BUCKLE SW LH
33	W	SIDE INF LH
34	L	SIDE INF LH-
37	LG	INF CURTAIN RR LH+
38	V	INF CURTAIN RR LH-
49	G	SIDE SENS LH+
50	R	SIDE SENS LH-
56	SHIELD	GND

Connector No.	B24
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH22FY-1V-EX



Terminal No.	Color of Wire	Signal Name [Specification]
10	O	ELR RH+
11	V	ELR RH-
14	P	ELR 2 RH+
15	GR	ELR 2 RH-
28	V	ODS (M/UT)
29	LG	BUCKLE SW RH
31	W	SIDE INF RH+
32	L	SIDE INF RH-
35	R	INF CURTAIN RR RH+
36	W	INF CURTAIN RR RH-
47	BR	SIDE SENS RH+
48	Y	SIDE SENS RH-
55	SHIELD	GND

Connector No.	B28
Connector Name	FRONT RH SEAT BELT PRE-TENSIONER
Connector Type	ACB02FY



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

Connector No.	B30
Connector Name	RH SIDE AIR BAG (SATELLITE) SENSOR
Connector Type	HK02FY-1V-EX



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

Connector No.	B31
Connector Name	FRONT LH SEAT BELT PRE-TENSIONER 2
Connector Type	ACB02FOR



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

Connector No.	B38
Connector Name	FRONT LH SEAT BELT PRE-TENSIONER
Connector Type	ACB02FY



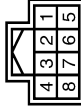
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	SB	-

Connector No.	B37
Connector Name	LH SIDE AIR BAG (SATELLITE) SENSOR
Connector Type	HK02FY-1V-EX



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

Connector No.	B39
Connector Name	OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT
Connector Type	TH08FW-NH



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

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DIAGNOSIS SENSOR UNIT

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[FOR USA AND CANADA]

SRS AIR BAG CONTROL SYSTEM (WITH ADVANCED AIR BAG)

Connector No.	B42
Connector Name	FRONT RH SEAT BELT PRE-TENSIONER 2
Connector Type	ACB02FOR



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

Connector No.	B56
Connector Name	RH SIDE CURTAIN AIR BAG MODULE
Connector Type	ACB02FY



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

Connector No.	B66
Connector Name	WIRE TO WIRE
Connector Type	TK04FY



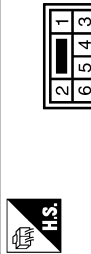
Terminal No.	Color of Wire	Signal Name [Specification]
2	V	-
4	LG	-

Connector No.	B72
Connector Name	LH SIDE CURTAIN AIR BAG MODULE
Connector Type	ACB02FOR



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

Connector No.	B401
Connector Name	WIRE TO WIRE
Connector Type	NS06MW-CS



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

Connector No.	B409
Connector Name	SEAT BELT BUCKLE SWITCH (DRIVER SIDE)
Connector Type	TK03FW



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

Connector No.	B410
Connector Name	WIRE TO WIRE
Connector Type	NS06MW-CS



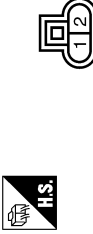
Terminal No.	Color of Wire	Signal Name [Specification]
2	W/G	-
3	L/B	-
4	L/R	-
5	L/Y	-
6	GR	-

Connector No.	B416
Connector Name	SEAT BELT BUCKLE SWITCH (PASSENGER SIDE)
Connector Type	TK03FW



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

Connector No.	E33
Connector Name	CRASH ZONE SENSOR
Connector Type	HK02FY-IV-EX



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

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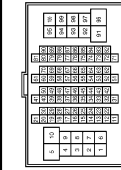
DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[FOR USA AND CANADA]

SRS AIR BAG CONTROL SYSTEM (WITH ADVANCED AIR BAG)

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH80PW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
2	O	
3	LG	
4	V	
5	Y	
6	G	
7	R	
8	GR	
9	BR	
10	L	
11	GR	
12	P	
14	L	
15	V	
19	R	
20	P	
21	L	
22	L	
24	LG	
25	SB	
30	L	
31	BR	
42	Y	
43	SHIELD	
51	L	
52	W	
53	BR	
54	Y	
60	O	
61	BR	
62	R	
63	P	
69	G	
70	B	
71	O	
72	LG	
78	L	
78	V	

Connector No.	IM4
Connector Name	DATA LINK CONNECTOR
Connector Type	BD16FW



Terminal No.	Color of Wire	Signal Name [Specification]
4	B	
5	B	
6	L	
7	O	
8	W	
14	P	
16	V	

Connector No.	MI1
Connector Name	WIRE TO WIRE
Connector Type	TH80PW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
2	BR	
3	G	
4	LG	
6	P	
7	Y	
8	LG	
9	P	
10	Y	
21	R	
35	SHIELD	
36	P	
37	LG	
38	SHIELD	
39	O	
40	G	
41	R	
45	BR	
46	L	
47	SHIELD	
48	V	
49	W	
50	SHIELD	
52	O	
53	L	
54	V	
55	Y	
56	LG	
57	SB	
58	W	
59	B	
60	SB	
62	GR	
63	BR	
65	SHIELD	
66	BR	
67	LG	
68	SB	
69	SHIELD	
70	LG	
71	O	
72	BR	
77	L	
80	R	
81	W	
82	GR	
86	Y	
87	P	
91	L	
92	B	

93	GR	
94	G	
95	O	
96	P	
97	SB	
98	GR	
99	R	
100	L	

Connector No.	MI3
Connector Name	WIRE TO WIRE
Connector Type	TH82FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	
2	Y	
4	R	
5	W	
6	G	
10	W	
13	Y	
14	O	
15	B	
16	V	
17	LG	
18	BR	
19	SB	
20	B	
21	SHIELD	
26	W	
29	L	
30	B	
31	GR	
32	G	

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[FOR USA AND CANADA]

SRS AIR BAG CONTROL SYSTEM (WITH ADVANCED AIR BAG)

Connector No.	M32
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK06Y-EX-1V



Terminal No.	Color of Wire	Signal Name [Specification]
23	Y/R	-
28	Y/G	-
30	Y	-
40	G	-
41	B	-
42	L	-

Connector No.	M34
Connector Name	COMBINATION METER
Connector Type	TH40FV-RH



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	BATTERY POWER SUPPLY
2	O	IGNITION SIGNAL
3	B	GROUND
4	B	GROUND
5	BR	A/G AUTO AMP. CONNECTION RECOGNITION SIGNAL
7	GR	OVERDRIVE CONTROL SWITCH SIGNAL
9	L	PADDLE SHIFTER SHIFT UP SIGNAL
10	G	PADDLE SHIFTER SHIFT DOWN SIGNAL
13	Y	ILLUMINATION CONTROL SIGNAL
15	LG	AIR BAG SIGNAL
16	O	ENGINE COOLANT TEMPERATURE SIGNAL
19	BR	AMBIENT SENSOR SIGNAL
20	SB	AMBIENT SENSOR GROUND
21	L	CAN-H
22	P	CAN-L
24	B	FUEL LEVEL SENSOR SIGNAL GROUND

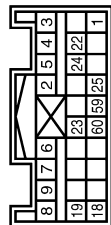
25	SB	ALTERNATOR SIGNAL
26	V	PARKING BRAKE SWITCH SIGNAL
27	BR	BRAKE FLUID LEVEL SWITCH SIGNAL
28	B	SECURITY SIGNAL
29	W	WASHER LEVEL SWITCH SIGNAL
30	Y	VEHICLE SPEED SIGNAL (2-PULSE)
31	L	VEHICLE SPEED SIGNAL (8-PULSE)
34	G	FUEL LEVEL SENSOR SIGNAL
35	O	SEAT BELT BUCKLE SWITCH SIGNAL (DRIVER SIDE)
36	G	SEAT BELT BUCKLE SWITCH SIGNAL (PASSENGER SIDE)
37	P	NON-MANUAL MODE SIGNAL
38	O	MANUAL MODE SHIFT DOWN SIGNAL
39	V	MANUAL MODE SHIFT UP SIGNAL
40	LG	MANUAL MODE SIGNAL

Connector No.	M44
Connector Name	FRONT PASSENGER AIR BAG OFF INDICATOR
Connector Type	TK03FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	-
3	B	-

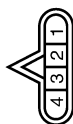
Connector No.	M59
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	INZ8FY-EX



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	IGN
2	B	GND
3	Y	INFLATOR DR 1+
4	Y/R	INFLATOR DR 1+ & DR 2-

5	Y/G	INFLATOR DR 2+
6	Y/G	INFLATOR AS 1+
7	Y/B	INFLATOR AS 1-
8	Y	INFLATOR AS 2+
9	Y/R	INFLATOR AS 2-
18	W	EC2S+
19	O	EC2S-
22	SHIELD	GND
23	LG	A/B W/L
24	G	SEATBELT W/L
25	GR	A/B CUTOFF TELLTALE
59	L	CAN HI
60	P	CAN LO

Connector No.	M62
Connector Name	FRONT PASSENGER AIR BAG MODULE
Connector Type	RK04FY-BD



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

Connector No.	M77
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	-
2	O	-
3	LG	-

4	Y	-
5	Y	-
6	G	-
7	GR	-
8	GR	-
9	BR	-
10	L	-
11	GR	-
12	P	-
14	SB	-
15	V	-
19	R	-
20	P	-
21	O	-
22	L	-
24	BR	-
25	W	-
30	L	-
31	W	-
42	O	-
43	SHIELD	-
51	W	-
52	SB	-
53	L	-
54	Y	-
60	O	-
61	BR	-
62	G	-
63	P	-
69	W	-
70	B	-
71	P	-
72	O	-
78	SB	-
79	V	-
80	L	-
81	W	-
82	B	-
83	LG	-
88	BR	-
89	G	-
90	GR	-
91	R	-
92	L	-
93	P	-
94	W	-
96	BR	-
97	G	-
99	SB	-
100	Y	-

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[FOR USA AND CANADA]

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SRS AIR BAG CONTROL SYSTEM (WITH ADVANCED AIR BAG)

Connector No.	M350
Connector Name	DRIVER AIR BAG MODULE
Connector Type	ACADPT-2V



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

Connector No.	M351
Connector Name	DRIVER AIR BAG MODULE
Connector Type	ACADPFOR



Terminal No.	Color of Wire	Signal Name [Specification]
12	-	-
13	-	-

JCHWM0790GB

SRS AIR BAG WARNING LAMP DOES NOT TURN OFF

< SYMPTOM DIAGNOSIS >

[FOR USA AND CANADA]

SYMPTOM DIAGNOSIS

SRS AIR BAG WARNING LAMP DOES NOT TURN OFF

Diagnosis Procedure

INFOID:000000006200217

1. CHECK AIR BAG MODULE

Check the deployment of air bag module.

Is air bag module deployed?

YES >> Refer to or [SR-5, "FOR FRONTAL COLLISION : When SRS is activated in a collision"](#) or [SR-7, "FOR SIDE AND ROLLOVER COLLISION : When SRS is activated in a collision"](#).

NO >> GO TO 2.

2. CHECK AIR BAG FUSE

Check the air bag fuse. Refer to [PG-100, "Fuse and Fusible Link Arrangement"](#).

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

YES >> GO TO 4.

NO >> GO TO 3.

3. CHECK AIR BAG FUSE AGAIN

Replace air bag fuse and turn ignition switch ON.

Did the air bag fuse blow again?

YES >> Repair or replace main harness.

NO >> **INSPECTION END**

4. CHECK DIAGNOSIS SENSOR UNIT

Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> GO TO 5.

NO >> Replace diagnosis sensor unit (ACU). Refer to [SR-24, "Exploded View"](#).

5. CHECK HARNESS CONNECTION

Check harness connection between air bag warning lamp and diagnosis sensor unit.

Is the inspection result normal?

YES >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

NO >> Replace wiring harness connector.

SRS AIR BAG WARNING LAMP DOES NOT TURN ON

< SYMPTOM DIAGNOSIS >

[FOR USA AND CANADA]

SRS AIR BAG WARNING LAMP DOES NOT TURN ON

Diagnosis Procedure

INFOID:000000006200218

1.CHECK METER FUSE

Check the meter fuse. Refer to [PG-100, "Fuse and Fusible Link Arrangement"](#).

Is 10A fuse [No.4, located in fuse block (J/B)] normal?

YES >> GO TO 3.

NO >> GO TO 2.

2.CHECK METER FUSE AGAIN

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

Did the meter fuse blow again?

YES >> Repair or replace the related harness.

NO >> **INSPECTION END**

3.CHECK HARNESS CONNECTION

1. Check harness connection between diagnosis sensor unit and combination meter.

2. Disconnect diagnosis sensor unit connector and turn ignition switch ON.

Did air bag warning lamp turn ON?

YES >> Replace diagnosis sensor unit (ACU). Refer to [SR-24, "Exploded View"](#).

NO >> Replace combination meter assembly. Refer to [MWI-78, "Removal and Installation"](#).

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SRC

PASSENGER SEAT BELT WARNING SYSTEM

< SYMPTOM DIAGNOSIS >

[FOR USA AND CANADA]

PASSENGER SEAT BELT WARNING SYSTEM

Diagnosis Procedure

INFOID:000000006200219

1.CHECK THE SYSTEM 1

Check the seat belt warning lamp function.

Sea tbelt warning lamp turns ON in the following conditions.

- Driver seat belt is fastened.
- Occupant is on passenger seat.
- Passenger seat belt is not fasten.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Check the followings.

- Harness between air bag diagnosis sensor unit and combination meter.
- Seat belt buckle switch (passenger side) circuit.
- Seat belt buckle switch (passenger side).

If these are OK, replace air bag diagnosis sensor unit.

2.CHECK THE SYSTEM 2

Check the seat belt warning lamp function.

Seat belt warning lamp turns OFF in the following conditions.

- Driver seat belt is fastened.
- Occupant is on passenger seat.
- Passenger seat belt is fastened.

Is the inspection result normal?

YES >> System is OK.

NO >> Check the followings.

- Seat belt buckle switch (passenger side) circuit.
- Seat belt buckle switch (passenger side).

If these are OK, replace air bag diagnosis sensor unit.

PRECAUTION

PRECAUTIONS

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

INFOID:000000006200220

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

WARNING:

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision that would result in air bag inflation, all maintenance must be performed by an authorized NISSAN/INFINITI dealer.
- Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see "SRS AIR BAG".
- Never use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.

PRECAUTIONS WHEN USING POWER TOOLS (AIR OR ELECTRIC) AND HAMMERS

WARNING:

- When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the ignition ON or engine running, never use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.
- When using air or electric power tools or hammers, always switch the ignition OFF, disconnect the battery, and wait at least 3 minutes before performing any service.

Service

INFOID:000000006200221

- 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 elapsed.
- Diagnosis sensor unit must always be installed with their arrow marks "⇐" pointing towards the front of the vehicle for proper operation. Also check diagnosis sensor unit for cracks, deformities or rust before installation and replace as required.
- The spiral cable must be aligned in the neutral position since its rotations are limited. Do not turn steering wheel and column after removal of steering gear.
- Handle air bag module carefully. Always place driver and front passenger air bag modules with the pad side facing upward and seat mounted front side air bag module standing with the stud bolt side facing down.
- Conduct self-diagnosis to check entire SRS for proper functioning after replacing any components.
- After air bag inflates, the front instrument panel assembly should be replaced if damaged.
- Always replace instrument panel pad following front passenger air bag deployment.

Occupant Classification System Precaution

INFOID:000000006200222

- Replace occupant classification system control unit and passenger front seat cushion as an assembly. Refer to [SE-30. "Removal and Installation"](#).

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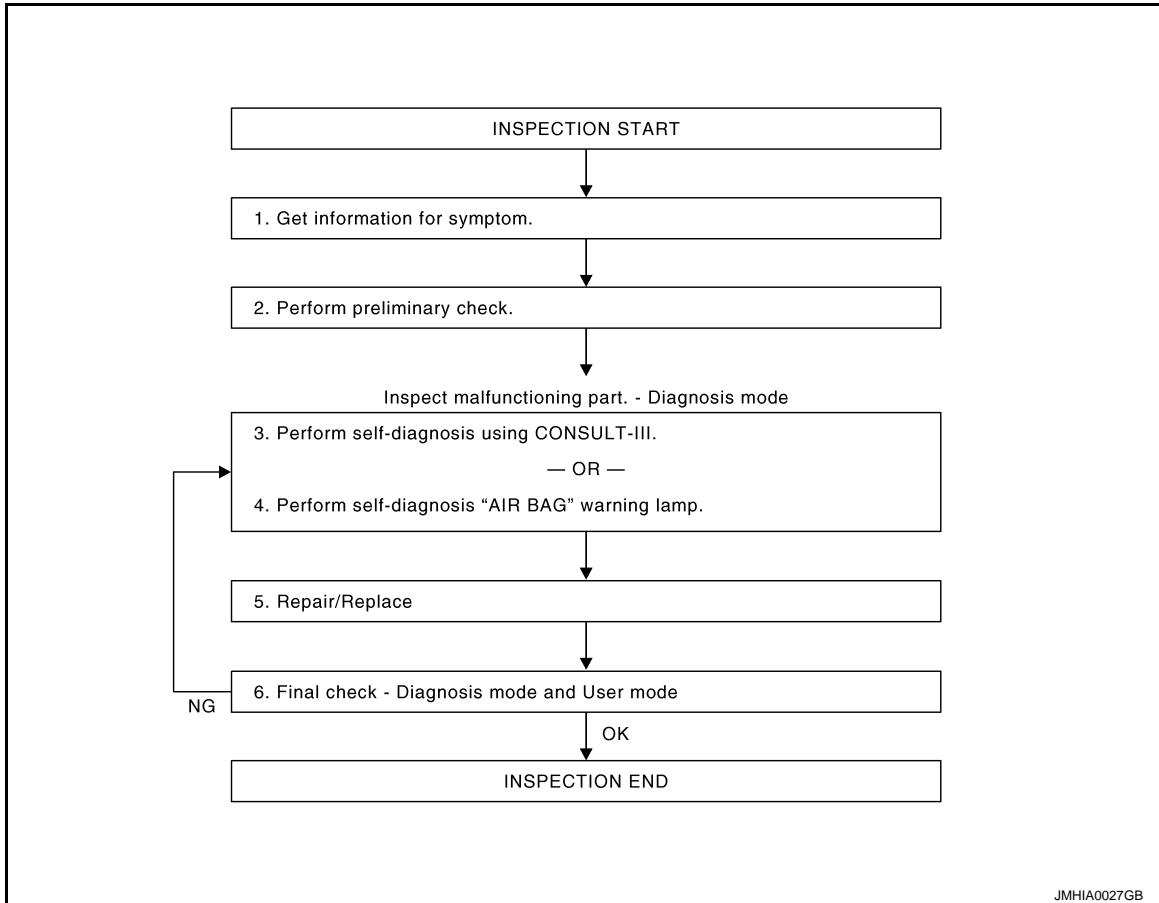
BASIC INSPECTION

DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

INFOID:000000006200223

OVERALL SEQUENCE



DETAILED FLOW

1.GET INFORMATION FOR SYMPTOM

Interview the customer about the symptom.

>> GO TO 2.

2.PERFORM PRELIMINARY CHECK

At the beginning of inspection, confirm the condition of power supply circuit, check that the battery is charged and fuses and fusible links are not blown.

Is power supply circuit normal?

YES-1 >> GO TO 3. (With CONSULT-III)

YES-2 >> GO TO 4. (Without CONSULT-III)

NO >> Repair or replace the battery and fuse/fusible links.

3.PERFORM SELF-DIAGNOSIS USING "CONSULT-III" (WITH CONSULT-III)

Perform "AIR BAG" Self Diagnostic Result.

Is "MALFUNCTIONING PART" displayed on CONSULT-III?

YES >> GO TO 5.

NO >> Repeat DTC confirmation with diagnostic procedure.

DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

[FOR MEXICO]

4.PERFORM SELF-DIAGNOSIS "AIR BAG" WARNING LAMP (WITHOUT CONSULT-III)

Check the air bag warning lamp status.

Is "MALFUNCTIONING PART" detected?

YES >> GO TO 5.

NO >> Repeat DTC confirmation with diagnostic procedure.

5.REPAIR OR REPLACE

Repair or replace the malfunctioning part.

After the malfunction is repaired, erase the self-diagnostic result. Refer to [SRC-189. "Diagnosis Description"](#) or [SRC-191. "CONSULT-III Function"](#).

>> GO TO 6.

6.FINAL CHECK

Perform "AIR BAG" Self Diagnostic Result with CONSULT-III and /or, air bag warning lamp status.

Are all malfunctions corrected?

YES >> **INSPECTION END**

NO-1 >> GO TO 3. (With CONSULT-III)

NO-2 >> GO TO 4. (Without CONSULT-III)

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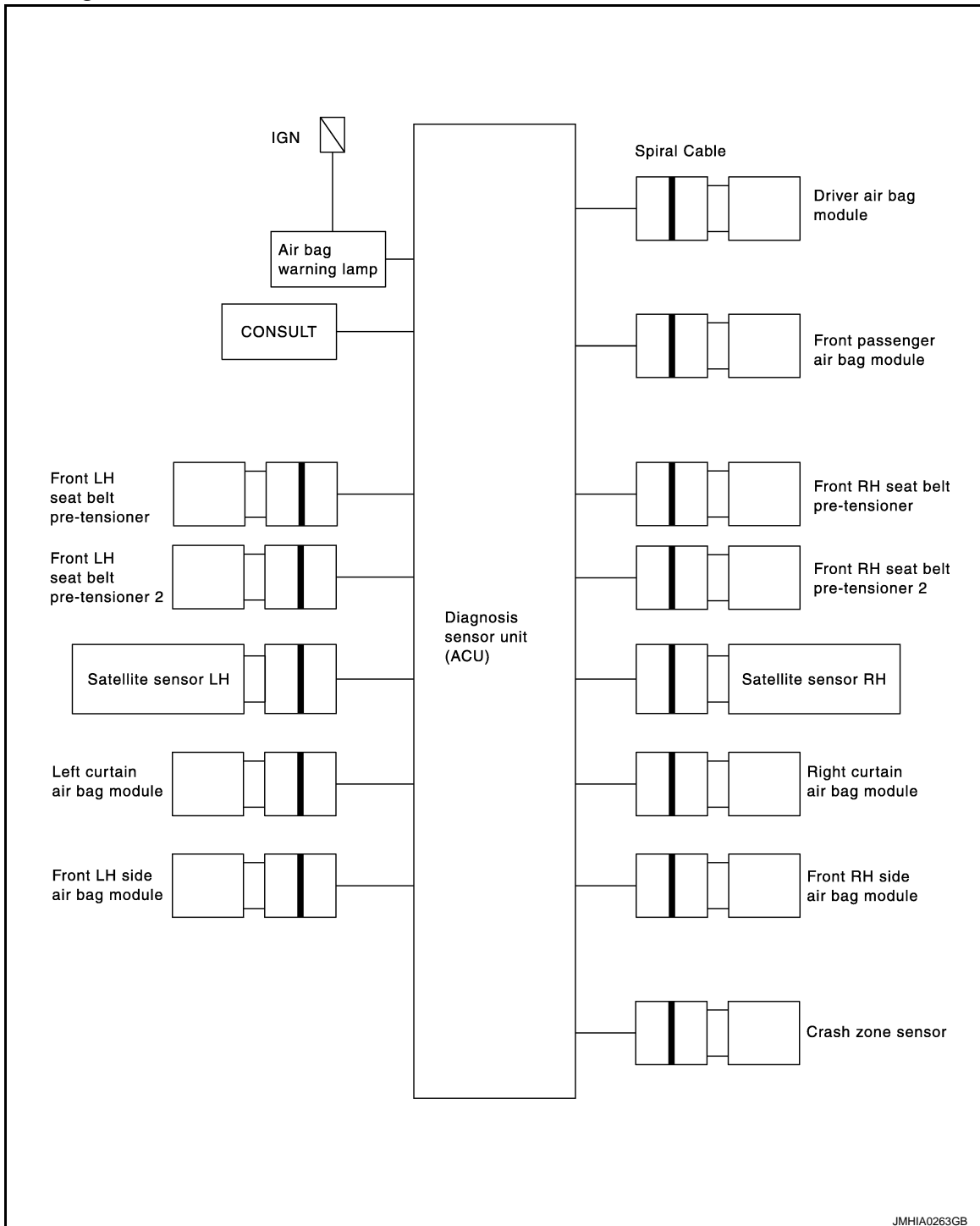
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SYSTEM DESCRIPTION

SRS AIR BAG SYSTEM

System Diagram

INFOID:000000006200224



System Description

INFOID:000000006200225

This SRS Air Bag System has the following function.

1. Detects crash and supplies the energy for deploying air bag and seat belt pre-tensioner.
2. Detects electrical trouble in air bag system and seat belt pre-tensioner system, records trouble code, and blinking Air bag warning lamp.

SRS AIR BAG SYSTEM

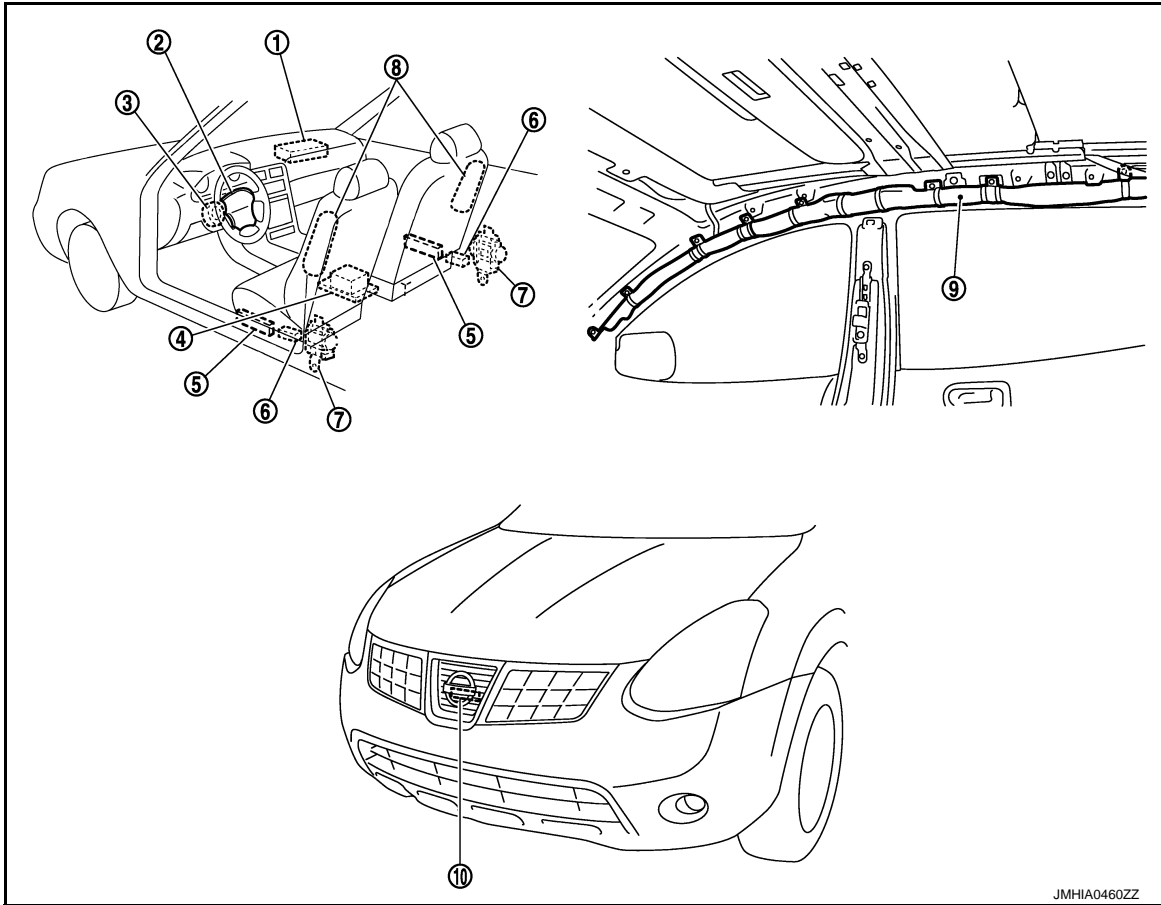
[FOR MEXICO]

< SYSTEM DESCRIPTION >

3. Detects and records the deployment of air bag and seat belt pre-tensioner, and turns on air bag warning lamp.
4. Indicates malfunctioning portion with blinking times of air bag warning lamp in diagnosis mode.
5. Indicate the malfunctioning record by CONSULT-III.

Component Parts Location

INFOID:000000006200226



- | | | |
|--|--|--|
| 1. Front passenger air bag module M70 | 2. Driver air bag module M350 | 3. Combination switch (spiral cable) M32 |
| 4. Air bag diagnosis sensor unit (ACU) B13, B14, M60 | 5. Front LH/RH seat belt pre-tensioner 2
• LH B31
• RH B42 | 6. LH/RH Air bag (satellite) sensor
• LH B37
• RH B30 |
| 7. Front LH/RH seat belt pre-tensioner
• LH B35
• RH B28 | 8. Front LH/RH side air bag module
• LH B16
• RH B18 | 9. LH/RH side curtain air bag module
• LH B72
• RH B56 |
| 10. Crash zone sensor E33 | | |

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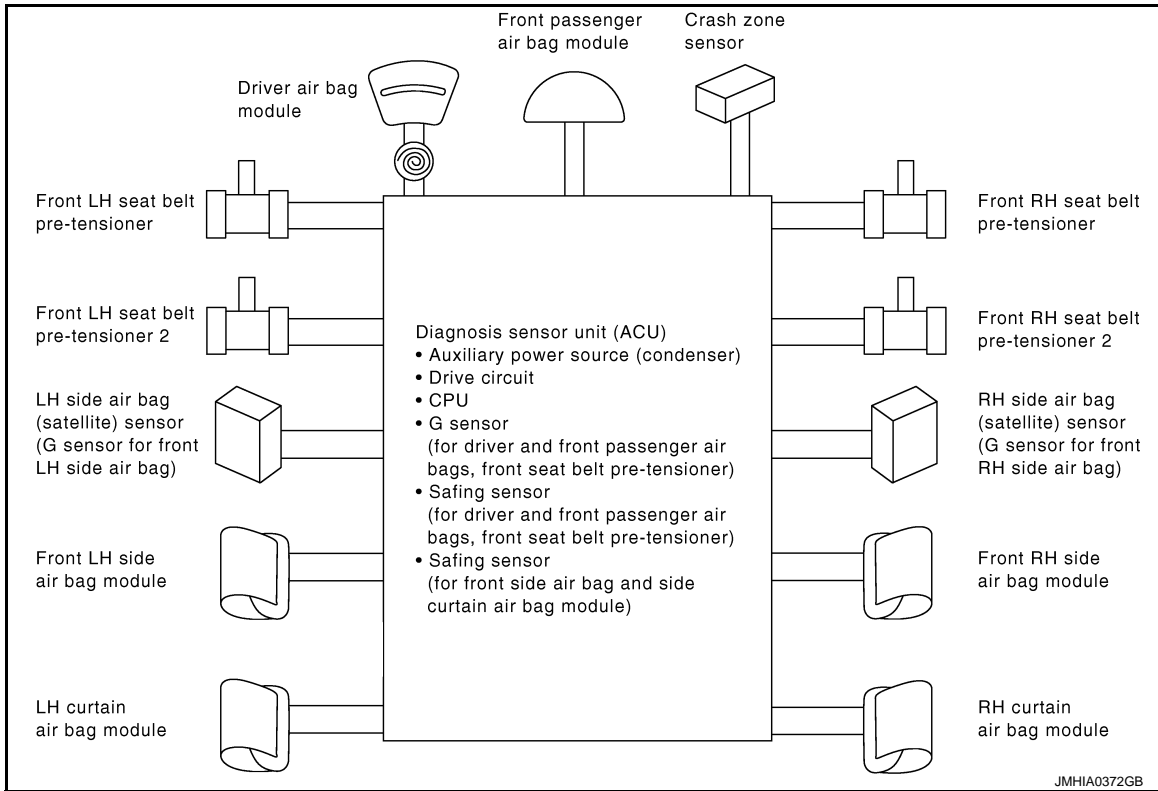
SRS AIR BAG SYSTEM

< SYSTEM DESCRIPTION >

[FOR MEXICO]

Component Description

INFOID:000000006200227



- Air bag sensor are prepared for operation while the ignition switch is in the ON or START position.
- The operation of supplemental restraint system is different from collision modes applications. For example, the driver air bag module and front passenger air bag module are activated in a frontal collision but not in a side collision.
- SRS configurations which are activated 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 seat belt pre-tensioner 2.	×	—	—
Front RH seat belt pre-tensioner 2.	×	—	—
Front LH side air bag module.	—	×	—
Front RH side air bag module.	—	—	×
LH side curtain air bag module.	—	×	—
RH side curtain air bag module.	—	—	×

×: Application, —: Not application

DIAGNOSIS SYSTEM (AIRBAG)

Diagnosis Description

INFOID:000000006200228

CAUTION:

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

DIAGNOSIS FUNCTION

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

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

HOW TO PERFORM TROUBLE DIAGNOSIS 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 (Refer to [PG-3, "How to Handle Battery"](#)).
- Fuse (Refer to [SRC-330, "Wiring Diagram — SRS AIR BAG CONTROL SYSTEM —"](#)).
- System component-to-harness connections.

HOW TO ERASE SELF-DIAGNOSTIC RESULTS (With CONSULT-III)

- “SELF-DIAG [CURRENT]”
A current self-diagnosis result is displayed on CONSULT-III screen in real time. After the malfunction is repaired completely, no malfunction is detected on “SELF-DIAG [CURRENT]”.
- “SELF-DIAG [PAST]”
Return to “SELF-DIAG [CURRENT]” CONSULT-III screen by touching “BACK” key of CONSULT-III and select “SELF-DIAG [CURRENT]” in SELECT DIAG MODE. Touch “ERASE” in “SELF-DIAG [CURRENT]” mode.

NOTE:

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.

- “TROUBLE DIAG RECORD”
The memory of “TROUBLE DIAG RECORD” cannot be erased.

HOW TO ERASE SELF-DIAGNOSTIC RESULTS (Without CONSULT-III)

After a malfunction is repaired, turn the ignition switch OFF for at least one second, then turn ignition switch ON diagnosis mode returns to the user mode. At that time the self-diagnosis result is cleared.

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DIAGNOSIS SYSTEM (AIRBAG)

[FOR MEXICO]

< SYSTEM DESCRIPTION >

DIAGNOSTIC PROCEDURE (User mode)

Checking air bag operation according to "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.



Warning lamp examples (User mode)

"AIR BAG" warning lamp operation -User mode	SRS condition	Reference item
<p>SHIA0011E</p>	<ul style="list-style-type: none"> • No malfunction is detected. • No further action is necessary. 	—
<p>SHIA0012E</p>	<ul style="list-style-type: none"> • The system is malfunctioning and needs to be repaired as indicated. 	Go to SRC-189, "Diagnosis Description" .

DIAGNOSIS SYSTEM (AIRBAG)

< SYSTEM DESCRIPTION >

[FOR MEXICO]

"AIR BAG" warning lamp operation -User mode	SRS condition	Reference item
<p>SHIA0013E</p>	<ul style="list-style-type: none"> Air bag is deployed. Seat belt pre-tensioner is deployed. 	Go to SRC-315, "Diagnosis Procedure" or SRC-317, "Diagnosis Procedure" .
	<ul style="list-style-type: none"> Diagnosis sensor unit is malfunctioning. Air bag power supply circuit is malfunctioning. SRS air bag warning lamp circuit is malfunctioning. 	Go to SRC-335, "Diagnosis Procedure" .
<p>SHIA0014E</p>	<ul style="list-style-type: none"> Diagnosis sensor unit is malfunctioning. Air bag warning lamp circuit is malfunctioning. 	Go to SRC-335, "Diagnosis Procedure" .

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DIAGNOSTIC PROCEDURE (With CONSULT-III)

Diagnostic Mode	Description
SELF-DIAG RESULT	The self-diagnosis result is displayed. (SELF-DIAG [CURRENT], [PAST], [RECORD])
ECU DISCRIMINATED No.	The part number of diagnosis sensor unit is displayed.

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CONSULT-III Function

INFOID:000000006200229

DIAGNOSIS MODE FOR CONSULT-III

- "SELF-DIAG [CURRENT]"
A current self-diagnosis results (also indicated with the number of warning lamp blinks in diagnosis mode) are displayed on CONSULT-III 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 CONSULT-III screen. The stored results are not erased until memory erasing is executed.
- "TROUBLE DIAG RECORD"
With TROUBLE DIAG RECORD, diagnosis results previously erased by a reset operation can be displayed on CONSULT-III screen.
- "ECU DISCRIMINATED NO."
Air bag diagnosis sensor unit ECU discriminated number (identification number) is displayed. Air bag diagnosis sensor unit has individual ECU discriminated number (identification number) based on model and equipment.

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HOW TO CHANGE SELF-DIAGNOSIS MODE WITH CONSULT-III

From User Mode to Diagnosis Mode

After selecting "AIR BAG" on the "SELECT SYSTEM" screen, User mode automatically changes to Diagnosis mode.

From Diagnosis Mode to User Mode

To return to User mode from Diagnosis mode, touch "BACK" key of CONSULT-III until "SELECT SYSTEM" appears, then diagnosis mode automatically changes to User mode.

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DIAGNOSIS SYSTEM (AIRBAG)

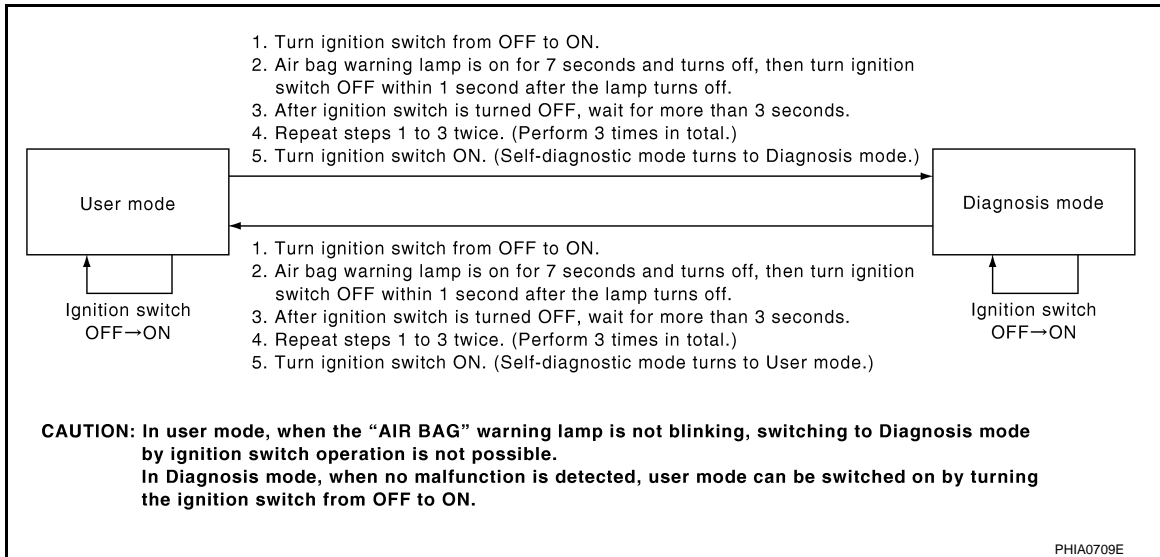
< SYSTEM DESCRIPTION >

[FOR MEXICO]

SELF-DIAGNOSIS FUNCTION (Without CONSULT-III)

- The reading of these results is accomplished by “User mode” and “Diagnosis mode”.
- After a malfunction is repaired, turn ignition switch ON. Diagnosis mode returns to the user mode. At that time, the self-diagnosis result is cleared.

HOW TO CHANGE SELF-DIAGNOSIS MODE WITHOUT CONSULT-III



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

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

DTC/CIRCUIT DIAGNOSIS

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

Description

INFOID:000000006200230

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

Detects the whole SRS electrical system and displays the malfunction either by illuminating or blinking the air bag warning lamp in the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and electro-diagnosis tester CONSULT-III.

OPERATION

It detects a shock that exceeds specified level and monitors such systems as the driver and passenger air bag, side air bag, curtain air bag, pre-tensioner seat belts operate properly.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

SRS diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006200231

SRC

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1001 B1002 B1003 B1004 B1005	CONTROL UNIT	Diagnosis sensor unit is out of order.	Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-194, "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200232

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK DIAGNOSIS SENSOR UNIT

1. Replace diagnosis sensor unit (ACU).

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

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

Description

INFOID:000000006200233

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

Detects the whole SRS electrical system and displays the malfunction either by illuminating or blinking the air bag warning lamp in the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and electro-diagnosis tester CONSULT-III.

OPERATION

It detects a shock that exceeds specified level and monitors such systems as the driver and passenger air bag, side air bag, curtain air bag, pre-tensioner seat belts operate properly.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

SRS diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006200234

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1006 B1007 B1008 B1009 B1010	CONTROL UNIT	Diagnosis sensor unit is out of order.	Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-196, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200235

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK DIAGNOSIS SENSOR UNIT

1. Replace diagnosis sensor unit (ACU).

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

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

Description

INFOID:000000006200236

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

Detects the whole SRS electrical system and displays the malfunction either by illuminating or blinking the air bag warning lamp in the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and electro-diagnosis tester CONSULT-III.

OPERATION

It detects a shock that exceeds specified level and monitors such systems as the driver and passenger air bag, side air bag, curtain air bag, pre-tensioner seat belts operate properly.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

SRS diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006200237

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1011 B1012 B1013 B1014 B1015	CONTROL UNIT	Diagnosis sensor unit is out of order.	Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-198, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-322, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200238

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Repair or replace wiring harness.

3.CHECK DIAGNOSIS SENSOR UNIT

1. Replace diagnosis sensor unit (ACU).
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

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

Description

INFOID:000000006200239

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

Detects the whole SRS electrical system and displays the malfunction either by illuminating or blinking the air bag warning lamp in the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and electro-diagnosis tester CONSULT-III.

OPERATION

It detects a shock that exceeds specified level and monitors such systems as the driver and passenger air bag, side air bag, curtain air bag, pre-tensioner seat belts operate properly.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

SRS diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006200240

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1026 B1027 B1028 B1029 B1030 B1031	CONTROL UNIT	Diagnosis sensor unit is out of order.	Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-200. "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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SRC

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

[FOR MEXICO]

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200241

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK DIAGNOSIS SENSOR UNIT

1. Replace diagnosis sensor unit (ACU).

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1033, B1034 CRASH ZONE SEN

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1033, B1034 CRASH ZONE SEN

Description

INFOID:000000006200242

DTC B1033, B1034 [UNIT FAIL] CRASH ZONE SENSOR

Main "G" sensor generates signal voltage, when it detects deceleration beyond the specified level caused by vehicle frontal collision.

OPERATION

When ACU define the both signal voltage of the "G" sensor and the safing sensor to be that of collision which exceeds specified level, the driving circuit switches on and feeds the electric ignitor of both driver and passenger air bags and pre-tensioner seat belt.

STRUCTURE

Integrated type of the "G" sensor element for frontal collision with output terminals for signal voltage.

INSTALLATION

Crash zone sensor is installed on the radiator core support assembly with fixed nuts.

DTC Logic

INFOID:000000006200243

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD)

SRC

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1033 B1034	CRASH ZONE SENSOR [UNIT FAIL]	Crash zone sensor is out of order.	<ul style="list-style-type: none">• Disconnection of wiring harness.• Internal breakdown in crash zone sensor.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-202, "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

B1033, B1034 CRASH ZONE SEN

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

2.CHECK AIR BAG WARNING LAMP-

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-322, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200244

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Repair or replace wiring harness.

3.CHECK CRASH ZONE SENSOR

1. Replace crash zone sensor.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1035, B1036, B1038, B1040 CRASH ZONE SEN

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1035, B1036, B1038, B1040 CRASH ZONE SEN

Description

INFOID:000000006200245

DTC B1035, B1036, B1038, B1040 [COMM FAIL] CRASH ZONE SENSOR

Main "G" sensor that generates signal voltage, when it detects deceleration beyond the specified level caused by vehicle frontal collision.

OPERATION

When ACU defines both signal voltage of the "G" sensor and the safing sensor to be that of collision which exceeds specified level, the driving circuit switches on and feeds the electric ignitor of both driver and passenger air bags and pre-tensioner seat belt.

STRUCTURE

Integrated type of the "G" sensor element for frontal collision with output terminals for signal voltage.

INSTALLATION

Crash zone sensor is installed on the radiator core support assembly with fixed nuts.

DTC Logic

INFOID:000000006200246

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1035	CRASH ZONE SENSOR [COMM FAIL]	Crash zone sensor is out of order.	<ul style="list-style-type: none">• Disconnection of wiring harness and open/short.• Internal breakdown in crash zone sensor.• Internal breakdown in diagnosis sensor unit (ACU).
B1036	[UNMATCH]		
B1038	[OPEN/UPR-VB-SHORT]		
B1040	[SHORT/UPR-GND-SHORT]		

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-204. "Diagnosis Procedure"](#).
NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200247

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK CRASH ZONE SENSOR

1. Replace crash zone sensor.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

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

Description

INFOID:000000006200248

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

Detects the whole SRS electrical system and displays the malfunction either by illuminating or blinking the air bag warning lamp in the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and electro-diagnosis tester CONSULT-III.

OPERATION

It detects a shock that exceeds specified level and monitors such systems as the driver and passenger air bag, side air bag, curtain air bag, pre-tensioner seat belts operate properly.

STRUCTURE

It contains the "G" sensors for both for frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

SRS diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006200249

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1042 B1043 B1044 B1045 B1046 B1047	CONTROL UNIT	Diagnosis sensor unit is out of order.	Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-206. "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200250

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK DIAGNOSIS SENSOR UNIT

1. Replace diagnosis sensor unit (ACU).

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1049 DRIVER AIRBAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1049 DRIVER AIRBAG MODULE

Description

INFOID:000000006200251

DTC B1049 [OPEN] DRIVER AIRBAG MODULE

For driver air bag module, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In the case of a frontal collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Driver air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Driver air bag module is installed on the center of steering wheel with fixed bolts.

DTC Logic

INFOID:000000006200252

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1049	DRIVER AIRBAG MODULE [OPEN]	Driver air bag module circuit is open. (including the spiral cable.)	<ul style="list-style-type: none">• Disconnection of wiring harness and open.• Internal breakdown in driver air bag module.• Internal breakdown in spiral cable.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-208. "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

B1049 DRIVER AIRBAG MODULE

[FOR MEXICO]

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200253

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK DRIVER AIR BAG MODULE

1. Replace driver air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> GO TO 4.

4.CHECK SPIRAL CABLE CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect driver side air bag module harness connector and body side harness connector.
3. Check continuity between driver side air bag module harness connector and body side harness connector.

Driver side air bag module harness connector	Terminal	Body side harness connector	Terminal	Continuity
M350	10 11	M32	30 23	Existed

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

Driver side air bag module harness connector	Terminal	Ground	Continuity
M350	10 11	Ground	Not existed

Is the inspection result normal?

YES >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

NO >> Replace spiral cable.

B1050 DRIVER AIRBAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1050 DRIVER AIRBAG MODULE

Description

INFOID:000000006200254

DTC B1050 [VB-SHORT] DRIVER AIRBAG MODULE

For driver air bag module, crash is judged by main “G” sensor output signal and sub “G” sensor in front direction.

OPERATION

In the case of a frontal collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Driver air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Driver air bag module is installed on the center of steering wheel with fixed bolts.

DTC Logic

INFOID:000000006200255

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

SRC

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1050	DRIVER AIRBAG MODULE [VB-SHORT]	Driver air bag module circuit is shorted to some power supply circuit. (including the spiral cable.)	<ul style="list-style-type: none">• Disconnection of wiring harness and short.• Internal breakdown in driver air bag module.• Internal breakdown in spiral cable.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-210. "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

B1050 DRIVER AIRBAG MODULE

[FOR MEXICO]

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200256

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK DRIVER AIR BAG MODULE

1. Replace driver air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> GO TO 4.

4.CHECK SPIRAL CABLE CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect driver side air bag module harness connector and body side harness connector.
3. Check continuity between driver side air bag module harness connector and body side harness connector.

Driver side air bag module harness connector	Terminal	Body side harness connector	Terminal	Continuity
M350	10 11	M32	30 23	Existed

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

Driver side air bag module harness connector	Terminal	Ground	Continuity
M350	10 11	Ground	Not existed

Is the inspection result normal?

YES >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

NO >> Replace spiral cable.

B1051 DRIVER AIRBAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1051 DRIVER AIRBAG MODULE

Description

INFOID:000000006200257

DTC B1051 [GND-SHORT] DRIVER AIRBAG MODULE

For driver air bag module, crash is judged by main “G” sensor output signal and sub “G” sensor in front direction.

OPERATION

In the case of a frontal collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Driver air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Driver air bag module is installed on the center of steering wheel with fixed bolts.

DTC Logic

INFOID:000000006200258

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

SRC

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1051	DRIVER AIRBAG MODULE [GND-SHORT]	Driver air bag module circuit is shorted to ground. (including the spiral cable.)	<ul style="list-style-type: none">• Disconnection of wiring harness and short.• Internal breakdown in driver air bag module.• Internal breakdown in spiral cable.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-212. "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

B1051 DRIVER AIRBAG MODULE

[FOR MEXICO]

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200259

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK DRIVER AIR BAG MODULE

1. Replace driver air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> GO TO 4.

4.CHECK SPIRAL CABLE CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect driver side air bag module harness connector and body side harness connector.
3. Check continuity between driver side air bag module harness connector and body side harness connector.

Driver side air bag module harness connector	Terminal	Body side harness connector	Terminal	Continuity
M350	10 11	M32	30 23	Existed

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

Driver side air bag module harness connector	Terminal	Ground	Continuity
M350	10 11	Ground	Not existed

Is the inspection result normal?

YES >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

NO >> Replace spiral cable.

B1052 DRIVER AIRBAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1052 DRIVER AIRBAG MODULE

Description

INFOID:000000006200260

DTC B1052 [SHORT] DRIVER AIRBAG MODULE

For driver air bag module, crash is judged by main “G” sensor output signal and sub “G” sensor in front direction.

OPERATION

In the case of a frontal collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Driver air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Driver air bag module is installed on the center of steering wheel with fixed bolts.

DTC Logic

INFOID:000000006200261

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

SRC

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1052	DRIVER AIRBAG MODULE [SHORT]	Driver air bag module circuit are shorted to each other. (including the spiral cable.)	<ul style="list-style-type: none">• Disconnection of wiring harness and short.• Internal breakdown in driver air bag module.• Internal breakdown in spiral cable.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-214. "Diagnosis Procedure"](#).
NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

B1052 DRIVER AIRBAG MODULE

[FOR MEXICO]

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200262

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK DRIVER AIR BAG MODULE

1. Replace driver air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> GO TO 4.

4.CHECK SPIRAL CABLE CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect driver side air bag module harness connector and body side harness connector.
3. Check continuity between driver side air bag module harness connector and body side harness connector.

Driver side air bag module harness connector	Terminal	Body side harness connector	Terminal	Continuity
M350	10 11	M32	30 23	Existed

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

Driver side air bag module harness connector	Terminal	Ground	Continuity
M350	10 11	Ground	Not existed

Is the inspection result normal?

YES >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

NO >> Replace spiral cable.

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

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

Description

INFOID:000000006200263

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

Detects the whole SRS electrical system and displays the malfunction either by illuminating or blinking the air bag warning lamp in the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and electro-diagnosis tester CONSULT-III.

OPERATION

It detects a shock that exceeds specified level and monitors such systems as the driver and passenger air bag, side air bag, curtain air bag, pre-tensioner seat belts operate properly.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

SRS diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006200264

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1058 B1059 B1060 B1061 B1062 B1063	CONTROL UNIT	Diagnosis sensor unit is out of order.	Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-216. "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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SRC

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200265

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK DIAGNOSIS SENSOR UNIT

1. Replace diagnosis sensor unit (ACU).

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1065 ASSIST A/B MODULE

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1065 ASSIST A/B MODULE

Description

INFOID:000000006200266

DTC B1065 [OPEN] ASSIST A/B MODULE

For front passenger air bag module, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In the case of a frontal collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Front passenger air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Front passenger air bag module is installed on the instrument panel with fixed bolts.

DTC Logic

INFOID:000000006200267

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

SRC

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1065	ASSIST A/B MODULE [OPEN]	Front passenger air bag module circuit is open.	<ul style="list-style-type: none"> Disconnection of wiring harness and open. Internal breakdown in front passenger air bag module. Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-218, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-322, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200268

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace wiring harness.

3.CHECK FRONT PASSENGER AIR BAG MODULE

1. Replace front passenger air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1066 ASSIST A/B MODULE

Description

INFOID:000000006200269

DTC B1066 [VB-SHORT] ASSIST A/B MODULE

For front passenger air bag module, crash is judged by main “G” sensor output signal and sub “G” sensor in front direction.

OPERATION

In the case of a frontal collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Front passenger air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Front passenger air bag module is installed on the instrument panel with fixed bolts.

DTC Logic

INFOID:000000006200270

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

SRC

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1066	ASSIST A/B MODULE [VB-SHORT]	Front passenger air bag module circuit is shorted to some power supply circuit.	<ul style="list-style-type: none"> Disconnection of wiring harness and short. Internal breakdown in front passenger air bag module. Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-220, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-322, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200271

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace wiring harness.

3.CHECK FRONT PASSENGER AIR BAG MODULE

1. Replace front passenger air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1067 ASSIST A/B MODULE

Description

INFOID:000000006200272

DTC B1067 [GND-SHORT] ASSIST A/B MODULE

For front passenger air bag module, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In the case of a frontal collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Front passenger air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Front passenger air bag module is installed on the instrument panel with fixed bolts.

DTC Logic

INFOID:000000006200273

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

SRC

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1067	ASSIST A/B MODULE [GND-SHORT]	Front passenger air bag module circuit is shorted to ground.	<ul style="list-style-type: none"> Disconnection of wiring harness and short. Internal breakdown in front passenger air bag module. Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to SRC-222, "Diagnosis Procedure".
- NO >> INSPECTION END.

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-322, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200274

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.CHECK FRONT PASSENGER AIR BAG MODULE

1. Replace front passenger air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1068 ASSIST A/B MODULE

Description

INFOID:000000006200275

DTC B1068 [SHORT] ASSIST A/B MODULE

For front passenger air bag module, crash is judged by main “G” sensor output signal and sub “G” sensor in front direction.

OPERATION

In the case of a frontal collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Front passenger air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Front passenger air bag module is installed on the instrument panel with fixed bolts.

DTC Logic

INFOID:000000006200276

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

SRC

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1068	ASSIST A/B MODULE [SHORT]	Front passenger air bag module circuits are shorted to each other.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in front passenger air bag module. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-224, "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-322, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200277

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminal and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace wiring harness.

3.CHECK FRONT PASSENGER AIR BAG MODULE

1. Replace front passenger air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

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

Description

INFOID:000000006200278

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

Detects the whole SRS electrical system and displays the malfunction either by illuminating or blinking the air bag warning lamp in the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and electro-diagnosis tester CONSULT-III.

OPERATION

It detects a shock that exceeds specified level and monitors such systems as the driver and passenger air bag, side air bag, curtain air bag, pre-tensioner seat belts operate properly.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

SRS diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006200279

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1074 B1075 B1076 B1077 B1078 B1079	CONTROL UNIT	Diagnosis sensor unit is out of order.	Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-226. "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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SRC

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200280

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK DIAGNOSIS SENSOR UNIT

1. Replace diagnosis sensor unit (ACU).

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1081 PRE-TEN FRONT RH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1081 PRE-TEN FRONT RH

Description

INFOID:000000006200281

DTC B1081 [OPEN] PRE-TEN FRONT RH

For front RH seat belt pre-tensioner, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front RH seat belt pre-tensioner is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200282

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1081	PRE-TEN FRONT RH [OPEN]	Front RH seat belt pre-tensioner circuit is open.	<ul style="list-style-type: none">• Disconnection of wiring harness and open.• Internal breakdown in front RH seat belt pre-tensioner.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-228. "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?YES >> Refer to [SRC-322, "DTC Index"](#).NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200283

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER

1. Replace front RH seat belt pre-tensioner.

2. Check the screen of CONSULT-III.

Is the inspection result normal?YES >> **INSPECTION END.**NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1082 PRE-TEN FRONT RH

Description

INFOID:000000006200284

DTC B1082 [VB-SHORT] PRE-TEN FRONT RH

For front RH seat belt pre-tensioner, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front RH seat belt pre-tensioner is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200285

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

SRC

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1082	PRE-TEN FRONT RH [VB-SHORT]	Front RH seat belt pre-tensioner circuit is shorted to some power supply circuit.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in front RH seat belt pre-tensioner. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-230. "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?YES >> Refer to [SRC-322, "DTC Index"](#).NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200286

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER

1. Replace front RH seat belt pre-tensioner.

2. Check the screen of CONSULT-III.

Is the inspection result normal?YES >> **INSPECTION END.**NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1083 PRE-TEN FRONT RH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1083 PRE-TEN FRONT RH

Description

INFOID:000000006200287

DTC B1083 [GND-SHORT] PRE-TEN FRONT RH

For front RH seat belt pre-tensioner, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In case of frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front RH seat belt pre-tensioner is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200288

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1083	PRE-TEN FRONT RH [GND-SHORT]	Front RH seat belt pre-tensioner circuit is shorted to ground.	<ul style="list-style-type: none">• Disconnection of wiring harness and short.• Internal breakdown in front RH seat belt pre-tensioner.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-232. "Diagnosis Procedure"](#).
NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?YES >> Refer to [SRC-322, "DTC Index"](#).NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200289

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER

1. Replace front RH seat belt pre-tensioner.

2. Check the screen of CONSULT-III.

Is the inspection result normal?YES >> **INSPECTION END.**NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1084 PRE-TEN FRONT RH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1084 PRE-TEN FRONT RH

Description

INFOID:000000006200290

DTC B1084 [SHORT] PRE-TEN FRONT RH

For front RH seat belt pre-tensioner, crash is judged by main “G” sensor output signal and sub “G” sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front RH seat belt pre-tensioner is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200291

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1084	PRE-TEN FRONT RH [SHORT]	Front RH seat belt pre-tensioner circuit are shorted to each other.	<ul style="list-style-type: none">• Disconnection of wiring harness and short.• Internal breakdown in front RH seat belt pre-tensioner.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-234. "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?YES >> Refer to [SRC-322, "DTC Index"](#).NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200292

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER

1. Replace front RH seat belt pre-tensioner.

2. Check the screen of CONSULT-III.

Is the inspection result normal?YES >> **INSPECTION END.**NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1086 PRE-TEN FRONT LH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1086 PRE-TEN FRONT LH

Description

INFOID:000000006200293

DTC B1086 [OPEN] PRE-TEN FRONT LH

For front LH seat belt pre-tensioner, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front LH seat belt pre-tensioner is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200294

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1086	PRE-TEN FRONT LH [OPEN]	Front LH seat belt pre-tensioner circuit is open.	<ul style="list-style-type: none"> Disconnection of wiring harness and open. Internal breakdown in front LH seat belt pre-tensioner. Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-236. "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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SRC

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200295

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER

1. Replace front LH seat belt pre-tensioner.

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1087 PRE-TEN FRONT LH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1087 PRE-TEN FRONT LH

Description

INFOID:000000006200296

DTC B1087 [VB-SHORT] PRE-TEN FRONT LH

For front LH seat belt pre-tensioner, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front LH seat belt pre-tensioner is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200297

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1087	PRE-TEN FRONT LH [VB-SHORT]	Front LH seat belt pre-tensioner circuit is shorted to some power supply circuit.	<ul style="list-style-type: none"> Disconnection of wiring harness and short. Internal breakdown in front LH seat belt pre-tensioner. Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-238. "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200298

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER

1. Replace front LH seat belt pre-tensioner.

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1088 PRE-TEN FRONT LH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1088 PRE-TEN FRONT LH

Description

INFOID:000000006200299

DTC B1088 [GND-SHORT] PRE-TEN FRONT LH

For front LH seat belt pre-tensioner, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front LH seat belt pre-tensioner is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200300

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1088	PRE-TEN FRONT LH [GND-SHORT]	Front LH seat belt pre-tensioner circuit is shorted to ground.	<ul style="list-style-type: none"> Disconnection of wiring harness and short. Internal breakdown in front LH seat belt pre-tensioner. Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-240. "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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SRC

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200301

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER

1. Replace front LH seat belt pre-tensioner.

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1089 PRE-TEN FRONT LH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1089 PRE-TEN FRONT LH

Description

INFOID:000000006200302

DTC B1089 [SHORT] PRE-TEN FRONT LH

For front LH seat belt pre-tensioner, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front LH seat belt pre-tensioner is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200303

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

SRC

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1089	PRE-TEN FRONT LH [SHORT]	Front LH seat belt pre-tensioner circuit are shorted to each other.	<ul style="list-style-type: none"> Disconnection of wiring harness and short. Internal breakdown in front LH seat belt pre-tensioner. Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-242. "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200304

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER

1. Replace front LH seat belt pre-tensioner.

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1091, B1093 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1091, B1093 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000006487262

Checks the entire SRS and displays the malfunction either by illuminating or blinking the air bag warning lamp on the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and CONSULT-III.

OPERATION

It detects a shock that exceeds a specified level and monitors whether the driver and passenger air bags, front side air bag, side curtain air bag and pre-tensioner seat belts operate normally.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

Air bag diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006487263

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1091 B1093	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning or out of the specification	<ul style="list-style-type: none">Malfunction in air bag diagnosis sensor unitConfiguration in air bag diagnosis sensor unit does not match the vehicle specification

SRC

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-18, "Diagnosis Description"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-243, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006487264

WARNING:

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

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.

B1091, B1093 DIAGNOSIS SENSOR UNIT

[FOR MEXICO]

< DTC/CIRCUIT DIAGNOSIS >

NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-243, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

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

Description

INFOID:000000006200305

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

Detects the whole SRS electrical system and displays the malfunction either by illuminating or blinking the air bag warning lamp in the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and electro-diagnosis tester CONSULT-III.

OPERATION

It detects a shock that exceeds specified level and monitors such systems as the driver and passenger air bag, side air bag, curtain air bag, pre-tensioner seat belts operate properly.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

SRS diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006200306

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1106 B1107 B1108 B1109 B1110 B1111	CONTROL UNIT	Diagnosis sensor unit is out of order.	Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-246. "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200307

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK DIAGNOSIS SENSOR UNIT

1. Replace diagnosis sensor unit (ACU).

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1113, B1114 SATELLITE SENS RH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1113, B1114 SATELLITE SENS RH

Description

INFOID:000000006200308

DTC B1113, B1114 [UNIT FAIL] SATELLITE SENS RH

Main "G" sensor generates signal voltage, when it detects deceleration beyond the specified level by vehicle side collision.

OPERATION

When ACU define the both signal voltage of the "G" sensor and the Safing sensor to be that of collision which exceeds specified level, the driving circuit switches on and feeds the electric ignitor of both the side air bag and curtain air bag.

STRUCTURE

Integrated type of the G sensor element for side collision with output terminals for signal voltage.

INSTALLATION

RH satellite sensor is installed at the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200309

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1113 B1114	SATELLITE SENS RH [UNIT FAIL]	RH satellite sensor is out of order.	<ul style="list-style-type: none">• Disconnection of wiring harness.• Internal breakdown in RH satellite sensor.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-248, "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

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SRC

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-322, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200310

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace wiring harness.

3.CHECK SATELLITE SENSOR

1. Replace RH satellite sensor.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1115, B1116 SATELLITE SENS RH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1115, B1116 SATELLITE SENS RH

Description

INFOID:000000006200311

DTC B1115, B1116 [COMM FAIL] SATELLITE SENS RH

Main "G" sensor generates signal voltage, when it detects deceleration beyond the specified level by vehicle side collision.

OPERATION

When ACU defines both signal voltage of the "G" sensor and the Safing sensor to be that of collision which exceeds specified level, the driving circuit switches on and feeds the electric ignitor of both the side air bag and curtain air bag.

STRUCTURE

Integrated type of the G sensor element for side collision with output terminals for signal voltage.

INSTALLATION

RH satellite sensor is installed at the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200312

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

SRC

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1115 B1116	SATELLITE SENS RH [COMM FAIL] [UNMATCH]	RH satellite sensor is out of order.	<ul style="list-style-type: none"> • Disconnection of wiring harness. • Internal breakdown in RH satellite sensor. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-250, "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-322, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200313

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace wiring harness.

3.CHECK SATELLITE SENSOR

1. Replace RH satellite sensor.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1118, B1119 SATELLITE SENS LH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1118, B1119 SATELLITE SENS LH

Description

INFOID:000000006200314

DTC B1118, B1119 [UNIT FAIL] SATELLITE SENS LH

Main "G" sensor generates signal voltage, when it detects deceleration beyond the specified level by vehicle side collision.

OPERATION

When ACU defines both signal voltage of the "G" sensor and the Safing sensor to be that of collision which exceeds specified level, the driving circuit switches on and feeds the electric ignitor of both the side air bag and curtain air bag.

STRUCTURE

Integrated type of the G sensor element for side collision with output terminals for signal voltage.

INSTALLATION

LH satellite sensor is installed at the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200315

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1118 B1119	SATELLITE SENS LH [UNIT FAIL]	LH satellite sensor is out of order.	<ul style="list-style-type: none">• Disconnection of wiring harness.• Internal breakdown in LH satellite sensor.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-252, "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

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SRC

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-322, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200316

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Repair or replace wiring harness.

3.CHECK SATELLITE SENSOR

1. Replace LH satellite sensor.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1120, B1121 SATELLITE SENS LH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1120, B1121 SATELLITE SENS LH

Description

INFOID:000000006200317

DTC B1120, B1121 [COMM FAIL] SATELLITE SENS LH

Main "G" sensor generates signal voltage, when it detects deceleration beyond the specified level by vehicle side collision.

OPERATION

When ACU defines both signal voltage of the "G" sensor and the Safing sensor to be that of collision which exceeds specified level, the driving circuit switches on and feeds the electric ignitor of both the side air bag and curtain air bag.

STRUCTURE

Integrated type of the G sensor element for side collision with output terminals for signal voltage.

INSTALLATION

LH satellite sensor is installed at the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200318

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1120 B1121	SATELLITE SENS LH [COMM FAIL] [UNMATCH]	LH satellite sens is out of order.	<ul style="list-style-type: none">• Disconnection of wiring harness.• Internal breakdown in LH satellite sens.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-254, "Diagnosis Procedure"](#).
NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

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SRC

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-322, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200319

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace wiring harness.

3.CHECK SATELLITE SENSOR

1. Replace LH satellite sensor.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

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

Description

INFOID:000000006200320

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

Detects the whole SRS electrical system and displays the malfunction either by illuminating or blinking the air bag warning lamp in the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and electro-diagnosis tester CONSULT-III.

OPERATION

It detects a shock that exceeds specified level and monitors such systems as the driver and passenger air bag, side air bag, curtain air bag, pre-tensioner seat belts operate properly.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

SRS diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006200321

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1122 B1123 B1124 B1125 B1126 B1127	CONTROL UNIT	Diagnosis sensor unit is out of order.	Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-256. "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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SRC

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200322

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK DIAGNOSIS SENSOR UNIT

1. Replace diagnosis sensor unit (ACU).

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1129 SIDE MODULE RH

Description

INFOID:000000006200323

DTC B1129 [OPEN] SIDE MODULE RH

For front RH side air bag module, crash is judged by main “G” sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub “G” sensor (right and left GP in center unit).

OPERATION

In the case of a collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Front RH side air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Front RH side air bag module is installed on the side of front seat back with fixed nuts.

DTC Logic

INFOID:000000006200324

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

SRC

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1129	SIDE MODULE RH [OPEN]	Front RH side air bag module circuit is open.	<ul style="list-style-type: none"> • Disconnection of wiring harness and open. • Internal breakdown in front RH side air bag module. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-258, "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-322, "DTC Index"](#).
 NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200325

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
 NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
 NO >> Repair or replace wiring harness.

3.CHECK FRONT SIDE AIR BAG MODULE

1. Replace front RH side air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
 NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1130 SIDE MODULE RH

Description

INFOID:000000006200326

DTC B1130 [VB-SHORT] SIDE MODULE RH

For front RH side air bag module, crash is judged by main “G” sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub “G” sensor (right and left GP in center unit).

OPERATION

In the case of a collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Front RH side air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Front RH side air bag module is installed on the side of front seatback with fixed nuts.

DTC Logic

INFOID:000000006200327

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

SRC

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1130	SIDE MODULE RH [VB-SHORT]	Front RH side air bag module circuit is shorted to some power supply circuit.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in front RH side air bag module. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-260, "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-322, "DTC Index"](#).
 NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200328

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
 NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
 NO >> Repair or replace wiring harness.

3.CHECK FRONT SIDE AIR BAG MODULE

1. Replace front RH side air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
 NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1131 SIDE MODULE RH

Description

INFOID:000000006200329

DTC B1131 [GND-SHORT] SIDE MODULE RH

For front RH side air bag module, crash is judged by main “G” sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub “G” sensor (right and left GP in center unit).

OPERATION

In the case of a collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Front RH side air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Front RH side air bag module is installed on the side of front seatback with fixed nuts.

DTC Logic

INFOID:000000006200330

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

SRC

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1131	SIDE MODULE RH [GND-SHORT]	Front RH side air bag module circuit is shorted to ground.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in front RH side air bag module. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-262, "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-322, "DTC Index"](#).
 NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200331

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
 NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
 NO >> Repair or replace wiring harness.

3.CHECK FRONT SIDE AIR BAG MODULE

1. Replace front RH side air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
 NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1132 SIDE MODULE RH

Description

INFOID:000000006200332

DTC B1132 [SHORT] SIDE MODULE RH

For front RH side air bag module, crash is judged by main “G” sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub “G” sensor (right and left GP in center unit).

OPERATION

In the case of a collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Front RH side air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Front RH side air bag module is installed on the side of front seatback with fixed nuts.

DTC Logic

INFOID:000000006200333

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

SRC

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1132	SIDE MODULE RH [SHORT]	Front RH side air bag module circuit are shorted to each other.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in front RH side air bag module. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-264, "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-322, "DTC Index"](#).
 NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200334

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
 NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
 NO >> Repair or replace wiring harness.

3.CHECK FRONT SIDE AIR BAG MODULE

1. Replace front RH side air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
 NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1134 SIDE MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1134 SIDE MODULE LH

Description

INFOID:000000006200335

DTC B1134 [OPEN] SIDE MODULE LH

For front LH side air bag module, crash is judged by main "G" sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub "G" sensor (right and left GP in center unit).

OPERATION

In the case of a collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Front LH side air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Front LH side air bag module is installed on the side of front seatback with fixed nuts.

DTC Logic

INFOID:000000006200336

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1134	SIDE MODULE LH [OPEN]	Front LH side air bag module circuit is open.	<ul style="list-style-type: none">• Disconnection of wiring harness and open.• Internal breakdown in front LH side air bag module.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-266, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?YES >> Refer to [SRC-322, "DTC Index"](#).NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200337

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK FRONT SIDE AIR BAG MODULE

1. Replace front LH side air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?YES >> **INSPECTION END.**NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1135 SIDE MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1135 SIDE MODULE LH

Description

INFOID:000000006200338

DTC B1135 [VB-SHORT] SIDE MODULE LH

For front LH side air bag module, crash is judged by main "G" sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub "G" sensor (right and left GP in center unit).

OPERATION

In the case of a collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Front LH side air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Front LH side air bag module is installed on the side of front seatback with fixed nuts.

DTC Logic

INFOID:000000006200339

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1135	SIDE MODULE LH [VB-SHORT]	Front LH side air bag module circuit is shorted to some power supply circuit.	<ul style="list-style-type: none">• Disconnection of wiring harness and short.• Internal breakdown in front LH side air bag module.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-268, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200340

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE**1.CHECK HARNESS CONNECTOR**

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK FRONT SIDE AIR BAG MODULE

1. Replace front LH side air bag module.

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1136 SIDE MODULE LH

Description

INFOID:000000006200341

DTC B1136 [GND-SHORT] SIDE MODULE LH

For front LH side air bag module, crash is judged by main “G” sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub “G” sensor (right and left GP in center unit).

OPERATION

In the case of a collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Front LH side air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Front LH side air bag module is installed on the side of front seatback with fixed nuts.

DTC Logic

INFOID:000000006200342

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

SRC

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1136	SIDE MODULE LH [GND-SHORT]	Front LH side air bag module circuit is shorted to ground.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in front LH side air bag module. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-270, "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-322, "DTC Index"](#).
 NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200343

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
 NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
 NO >> Repair or replace wiring harness.

3.CHECK FRONT SIDE AIR BAG MODULE

1. Replace front LH side air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
 NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1137 SIDE MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1137 SIDE MODULE LH

Description

INFOID:000000006200344

DTC B1137 [SHORT] SIDE MODULE LH

For front LH side air bag module, crash is judged by main "G" sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub "G" sensor (right and left GP in center unit).

OPERATION

In the case of a collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

Front LH side air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

Front LH side air bag module is installed on the side of front seatback with fixed nuts.

DTC Logic

INFOID:000000006200345

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1137	SIDE MODULE LH [SHORT]	Front LH side air bag module circuit are shorted to each other.	<ul style="list-style-type: none">• Disconnection of wiring harness and short.• Internal breakdown in front LH side air bag module.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-272, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?YES >> Refer to [SRC-322, "DTC Index"](#).NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200346

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminal and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use un specified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK FRONT SIDE AIR BAG MODULE

1. Replace front LH side air bag module.

2. Check the screen of CONSULT-III.

Is the inspection result normal?YES >> **INSPECTION END.**NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

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

Description

INFOID:000000006200347

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

Detects the whole SRS electrical system and displays the malfunction either by illuminating or blinking the air bag warning lamp in the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and electro-diagnosis tester CONSULT-III.

OPERATION

It detects a shock that exceeds specified level and monitors such systems as the driver and passenger air bag, side air bag, curtain air bag, pre-tensioner seat belts operate properly.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

SRS diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006200348

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1138 B1139 B1140 B1141 B1142 B1143	CONTROL UNIT	Diagnosis sensor unit is out of order.	Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-274. "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200349

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK DIAGNOSIS SENSOR UNIT

1. Replace diagnosis sensor unit (ACU).

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1145 CURTAIN MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1145 CURTAIN MODULE RH

Description

INFOID:000000006200350

DTC B1145 [OPEN] CURTAIN MODULE RH

For RH side curtain air bag module, crash is judged by main "G" sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub "G" sensor (right and left GP in center unit).

OPERATION

In case of collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

RH side curtain air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

RH side curtain air bag module is installed on the roof side with fixed bolts.

DTC Logic

INFOID:000000006200351

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

SRC

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1145	CURTAIN MODULE RH [OPEN]	RH side curtain air bag module circuit is open.	<ul style="list-style-type: none"> • Disconnection of wiring harness and open. • Internal breakdown in RH side curtain air bag module. • Replace diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-276, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-322, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200352

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace wiring harness.

3.CHECK SIDE CURTAIN AIR BAG MODULE

1. Replace RH side curtain air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1146 CURTAIN MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1146 CURTAIN MODULE RH

Description

INFOID:000000006200353

DTC B1146 [VB-SHORT] CURTAIN MODULE RH

For RH side curtain air bag module, crash is judged by main "G" sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub "G" sensor (right and left GP in center unit).

OPERATION

In case of collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

RH side curtain air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

RH side curtain air bag module is installed on the roof side with fixed bolts.

DTC Logic

INFOID:000000006200354

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1146	CURTAIN MODULE RH [VB-SHORT]	RH side curtain air bag module circuit is shorted to some power supply circuit.	<ul style="list-style-type: none"> Disconnection of wiring harness and short. Internal breakdown in RH side curtain air bag module. Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-278, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

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< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-322, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200355

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
NO >> Repair or replace wiring harness.

3.CHECK SIDE CURTAIN AIR BAG MODULE

1. Replace RH side curtain air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1147 CURTAIN MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1147 CURTAIN MODULE RH

Description

INFOID:000000006200356

DTC B1147 [GND-SHORT] CURTAIN MODULE RH

For RH side curtain air bag module, crash is judged by main "G" sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub "G" sensor (right and left GP in center unit).

OPERATION

In case of collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

RH side curtain air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

RH side curtain air bag module is installed on the roof side with fixed bolts.

DTC Logic

INFOID:000000006200357

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

SRC

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1147	CURTAIN MODULE RH [GND-SHORT]	RH side curtain air bag module circuit is shorted to ground.	<ul style="list-style-type: none"> Disconnection of wiring harness and short. Internal breakdown in RH side curtain air bag module. Replace diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-280, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-322, "DTC Index"](#).
 NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200358

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
 NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
 NO >> Repair or replace wiring harness.

3.CHECK SIDE CURTAIN AIR BAG MODULE

1. Replace RH side curtain air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
 NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1148 CURTAIN MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1148 CURTAIN MODULE RH

Description

INFOID:000000006200359

DTC B1148 [SHORT] CURTAIN MODULE RH

For RH side curtain air bag module, crash is judged by main "G" sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub "G" sensor (right and left GP in center unit).

OPERATION

In case of collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

RH side curtain air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

RH side curtain air bag module is installed on the roof side with fixed bolts.

DTC Logic

INFOID:000000006200360

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1148	CURTAIN MODULE RH [SHORT]	RH side curtain air bag module circuit are shorted to each other.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in RH side curtain air bag module. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-282, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

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< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

- YES >> Refer to [SRC-322, "DTC Index"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200361

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> Repair or replace wiring harness.

3.CHECK SIDE CURTAIN AIR BAG MODULE

1. Replace RH side curtain air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1150 CURTAIN MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1150 CURTAIN MODULE LH

Description

INFOID:000000006200362

DTC B1150 [OPEN] CURTAIN MODULE LH

For LH side curtain air bag module, crash is judged by main "G" sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub "G" sensor (right and left GP in center unit).

OPERATION

In case of collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

LH side curtain air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

LH side curtain air bag module is installed on the roof side with fixed bolts.

DTC Logic

INFOID:000000006200363

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1150	CURTAIN MODULE LH [OPEN]	LH side curtain air bag module circuit is open.	<ul style="list-style-type: none">• Disconnection of wiring harness and open.• Internal breakdown in LH side curtain air bag module.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-284, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

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< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200364

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK SIDE CURTAIN AIR BAG MODULE

1. Replace LH side curtain air bag module.

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1151 CURTAIN MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1151 CURTAIN MODULE LH

Description

INFOID:000000006200365

DTC B1151 [VB-SHORT] CURTAIN MODULE LH

For LH side curtain air bag module, crash is judged by main "G" sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub "G" sensor (right and left GP in center unit).

OPERATION

In case of collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

LH side curtain air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

LH side curtain air bag module is installed on the roof side with fixed bolts.

DTC Logic

INFOID:000000006200366

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1151	CURTAIN MODULE LH [VB-SHORT]	LH side curtain air bag module circuit is shorted to some power supply circuit.	<ul style="list-style-type: none"> Disconnection of wiring harness and short. Internal breakdown in LH side curtain air bag module. Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-286, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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SRC

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?YES >> Refer to [SRC-322, "DTC Index"](#).NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200367

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK SIDE CURTAIN AIR BAG MODULE

1. Replace LH side curtain air bag module.

2. Check the screen of CONSULT-III.

Is the inspection result normal?YES >> **INSPECTION END.**NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1152 CURTAIN MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1152 CURTAIN MODULE LH

Description

INFOID:000000006200368

DTC B1152 [GND-SHORT] CURTAIN MODULE LH

For LH side curtain air bag module, crash is judged by main "G" sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub "G" sensor (right and left GP in center unit).

OPERATION

In case of collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

LH side curtain air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

LH side curtain air bag module is installed on the roof side with fixed bolts.

DTC Logic

INFOID:000000006200369

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1152	CURTAIN MODULE LH [GND-SHORT]	LH side curtain air bag module circuit is shorted to ground.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in LH side curtain airbag module. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-288, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

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SRC

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200370

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK SIDE CURTAIN AIR BAG MODULE

1. Replace LH side curtain air bag module.
2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1153 CURTAIN MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1153 CURTAIN MODULE LH

Description

INFOID:000000006200371

DTC B1153 [SHORT] CURTAIN MODULE LH

For LH side curtain air bag module, crash is judged by main "G" sensor output signal (left side: left satellite sensor, right side: right satellite sensor) and sub "G" sensor (right and left GP in center unit).

OPERATION

In case of collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

LH side curtain air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

LH side curtain air bag module is installed on the roof side with fixed bolts.

DTC Logic

INFOID:000000006200372

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

SRC

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1153	CURTAIN MODULE LH [SHORT]	LH side curtain air bag module circuit are shorted to each other.	<ul style="list-style-type: none"> • Disconnection of wiring harness and short. • Internal breakdown in LH side curtain air bag module. • Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-290, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

< DTC/CIRCUIT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200373

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK SIDE CURTAIN AIR BAG MODULE

1. Replace LH side curtain air bag module.

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1154, B1155, B1156, B1157 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1154, B1155, B1156, B1157 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000006487265

Checks the entire SRS and displays the malfunction either by illuminating or blinking the air bag warning lamp on the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and CONSULT-III.

OPERATION

It detects a shock that exceeds a specified level and monitors whether the driver and passenger air bags, front side air bag, side curtain air bag and pre-tensioner seat belts operate normally.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

Air bag diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006487266

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1155 B1157	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning or out of the specification	<ul style="list-style-type: none"> Malfunction in air bag diagnosis sensor unit Configuration in air bag diagnosis sensor unit does not match the vehicle specification

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DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-18, "Diagnosis Description"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-291, "Diagnosis Procedure"](#).
 NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006487267

WARNING:

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

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.

B1154, B1155, B1156, B1157 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-291, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

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

Description

INFOID:000000006200374

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

Detects the whole SRS electrical system and displays the malfunction either by illuminating or blinking the air bag warning lamp in the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and electro-diagnosis tester CONSULT-III.

OPERATION

It detects a shock that exceeds specified level and monitors such systems as the driver and passenger air bag, side air bag, curtain air bag, pre-tensioner seat belts operate properly.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

SRS diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006200375

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1170 B1171 B1172 B1173 B1174 B1175	CONTROL UNIT	Diagnosis sensor unit is out of order.	Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-294. "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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

[FOR MEXICO]

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200376

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK DIAGNOSIS SENSOR UNIT

1. Replace diagnosis sensor unit (ACU).

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1177 PRE-TEN2 FRONT RH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1177 PRE-TEN2 FRONT RH

Description

INFOID:000000006200377

DTC B1177 [OPEN] PRE-TEN2 FRONT RH

For front RH seat belt pre-tensioner 2, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front RH seat belt pre-tensioner 2 is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200378

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1177	PRE-TEN2 FRONT RH [OPEN]	Front RH seat belt pre-tensioner 2 circuit is open.	<ul style="list-style-type: none">• Disconnection of wiring harness and open.• Internal breakdown in front RH seat belt pre-tensioner 2.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-296. "Diagnosis Procedure"](#).
NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?YES >> Refer to [SRC-322, "DTC Index"](#).NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200379

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER 2

1. Replace front RH seat belt pre-tensioner 2.

2. Check the screen of CONSULT-III.

Is the inspection result normal?YES >> **INSPECTION END.**NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1178 PRE-TEN2 FRONT RH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1178 PRE-TEN2 FRONT RH

Description

INFOID:000000006200380

DTC B1178 [VB-SHORT] PRE-TEN2 FRONT RH

For front RH seat belt pre-tensioner 2, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front RH seat belt pre-tensioner 2 is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200381

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1178	PRE-TEN2 FRONT RH [VB-SHORT]	Front RH seat belt pre-tensioner 2 circuit is shorted to some power supply circuit.	<ul style="list-style-type: none"> Disconnection of wiring harness and short. Internal breakdown in front RH seat belt pre-tensioner 2. Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-298, "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200382

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER 2

1. Replace front RH seat belt pre-tensioner 2.

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1179 PRE-TEN2 FRONT RH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1179 PRE-TEN2 FRONT RH

Description

INFOID:000000006200383

DTC B1179 [GND-SHORT] PRE-TEN2 FRONT RH

For front RH seat belt pre-tensioner 2, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front RH seat belt pre-tensioner 2 is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200384

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1179	PRE-TEN2 FRONT RH [GND-SHORT]	Front RH seat belt pre-tensioner 2 circuit is shorted to ground.	<ul style="list-style-type: none"> Disconnection of wiring harness and short. Internal breakdown in front RH seat belt pre-tensioner 2. Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-300. "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?YES >> Refer to [SRC-322, "DTC Index"](#).NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200385

With CONSULT-III

WARNING:

- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)
- Do not use unspecified tester or other measuring device.

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER 2

1. Replace front RH seat belt pre-tensioner 2.

2. Check the screen of CONSULT-III.

Is the inspection result normal?YES >> **INSPECTION END.**NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1180 PRE-TEN2 FRONT RH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1180 PRE-TEN2 FRONT RH

Description

INFOID:000000006200386

DTC B1180 [SHORT] PRE-TEN2 FRONT RH

For front RH seat belt pre-tensioner 2, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front RH seat belt pre-tensioner 2 is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200387

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1180	PRE-TEN2 FRONT RH [SHORT]	Front RH seat belt pre-tensioner 2 circuit are shorted to each other.	<ul style="list-style-type: none"> Disconnection of wiring harness and short. Internal breakdown in front RH seat belt pre-tensioner 2. Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-302. "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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SRC

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200388

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspectiion result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER 2

1. Replace front RH seat belt pre-tensioner 2.

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1182 PRE-TEN2 FRONT LH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1182 PRE-TEN2 FRONT LH

Description

INFOID:000000006200389

DTC B1182 [OPEN] PRE-TEN2 FRONT LH

For front LH seat belt pre-tensioner 2, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front LH seat belt pre-tensioner 2 is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200390

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1182	PRE-TEN2 FRONT LH [OPEN]	Front LH seat belt pre-tensioner 2 circuit is open.	<ul style="list-style-type: none"> Disconnection of wiring harness and open. Internal breakdown in front LH seat belt pre-tensioner 2. Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-304. "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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SRC

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200391

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER 2

1. Replace front LH seat belt pre-tensioner 2.

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1183 PRE-TEN2 FRONT LH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1183 PRE-TEN2 FRONT LH

Description

INFOID:000000006200392

DTC B1183 [VB-SHORT] PRE-TEN2 FRONT LH

For front LH seat belt pre-tensioner 2, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front LH seat belt pre-tensioner 2 is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200393

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1183	PRE-TEN2 FRONT LH [VB-SHORT]	Front LH seat belt pre-tensioner 2 circuit is shorted to some power supply circuit.	<ul style="list-style-type: none"> Disconnection of wiring harness and short. Internal breakdown in front LH seat belt pre-tensioner 2. Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-306. "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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SRC

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?YES >> Refer to [SRC-322, "DTC Index"](#).NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200394

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER 2

1. Replace front LH seat belt pre-tensioner 2.

2. Check the screen of CONSULT-III.

Is the inspection result normal?YES >> **INSPECTION END.**NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1184 PRE-TEN2 FRONT LH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1184 PRE-TEN2 FRONT LH

Description

INFOID:000000006200395

DTC B1184 [GND-SHORT] PRE-TEN2 FRONT LH

For front LH seat belt pre-tensioner 2, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front LH seat belt pre-tensioner 2 is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200396

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1184	PRE-TEN2 FRONT LH [GND-SHORT]	Front LH seat belt pre-tensioner 2 circuit is shorted to ground.	<ul style="list-style-type: none"> Disconnection of wiring harness and short. Internal breakdown in front LH seat belt pre-tensioner 2. Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-308. "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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SRC

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?YES >> Refer to [SRC-322, "DTC Index"](#).NO >> **INSPECTION END.****Diagnosis Procedure**

INFOID:000000006200397

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE**1.CHECK HARNESS CONNECTOR**

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER 2

1. Replace front LH seat belt pre-tensioner 2.

2. Check the screen of CONSULT-III.

Is the inspection result normal?YES >> **INSPECTION END.**NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1185 PRE-TEN2 FRONT LH

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1185 PRE-TEN2 FRONT LH

Description

INFOID:000000006200398

DTC B1185 [SHORT] PRE-TEN2 FRONT LH

For front LH seat belt pre-tensioner 2, crash is judged by main "G" sensor output signal and sub "G" sensor in front direction.

OPERATION

In the case of a frontal collision that exceeds specified impact level, the diagnosis sensor unit detects the deceleration caused by collision. If restrains the passenger with seat belt easing the stress on passengers chest with load limiter.

STRUCTURE

The restraint system for front seat occupant consists of the pre-tensioner mechanism and load limiter mechanism.

INSTALLATION

Front LH seat belt pre-tensioner 2 is installed on the underside of center pillar with fixed nuts.

DTC Logic

INFOID:000000006200399

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1185	PRE-TEN2 FRONT LH [SHORT]	Front LH seat belt pre-tensioner 2 circuit are shorted to each other.	<ul style="list-style-type: none">• Disconnection of wiring harness and short.• Internal breakdown in front LH seat belt pre-tensioner 2.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-310. "Diagnosis Procedure"](#).
NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200400

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK FRONT SEAT BELT PRE-TENSIONER 2

1. Replace front LH seat belt pre-tensioner 2.

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1186, B1187, B1188, B1189 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1186, B1187, B1188, B1189 DIAGNOSIS SENSOR UNIT

Description

INFOID:000000006487268

Checks the entire SRS and displays the malfunction either by illuminating or blinking the air bag warning lamp on the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and CONSULT-III.

OPERATION

It detects a shock that exceeds a specified level and monitors whether the driver and passenger air bags, front side air bag, side curtain air bag and pre-tensioner seat belts operate normally.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

Air bag diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006487269

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1187 B1189	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning or out of the specification	<ul style="list-style-type: none"> Malfunction in air bag diagnosis sensor unit Configuration in air bag diagnosis sensor unit does not match the vehicle specification

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DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-18, "Diagnosis Description"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-311, "Diagnosis Procedure"](#).
 NO >> INSPECTION END

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Diagnosis Procedure

INFOID:000000006487270

WARNING:

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

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

- YES >> GO TO 3.

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B1186, B1187, B1188, B1189 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

NO >> Replace wiring harness.

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-311, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

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

Description

INFOID:000000006200401

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

Detects the whole SRS electrical system and displays the malfunction either by illuminating or blinking the air bag warning lamp in the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and electro-diagnosis tester CONSULT-III.

OPERATION

It detects a shock that exceeds specified level and monitors such systems as the driver and passenger air bag, side air bag, curtain air bag, pre-tensioner seat belts operate properly.

STRUCTURE

It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

INSTALLATION

SRS diagnosis sensor unit is installed under the center console with fixed bolts.

DTC Logic

INFOID:000000006200402

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1202 B1203 B1204 B1205 B1206 B1207	CONTROL UNIT	Diagnosis sensor unit is out of order.	Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-314. "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

DTC CONFIRMATION PROCEDURE (Without CONSULT-III)

NOTE:

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

1.INSPECTION START

Turn ignition switch ON.

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

[FOR MEXICO]

< DTC/CIRCUIT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is malfunctioning part detected?

YES >> Refer to [SRC-322, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200403

With CONSULT-III

WARNING:

- **Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least 3 minutes. (To discharge backup capacitor.)**
- **Do not use unspecified tester or other measuring device.**

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace wiring harness.

3.CHECK DIAGNOSIS SENSOR UNIT

1. Replace diagnosis sensor unit (ACU).

2. Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

B1209 FRONTAL COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1209 FRONTAL COLLISION DETECTION

Description

INFOID:000000006200404

DTC B1209 FRONTAL COLLISION DETECTION

Detects component damage resulting from a front collision, blinks or illuminates the air bag warning lamp to inform the driver. Malfunctioning part can be detected by the CONSULT-III.

OPERATION

The air bag and seat belt pre-tensioners for driver and front seat passenger are operated by the decision of the diagnosis sensor unit (ACU) out signal transmitted because of the frontal collision.

STRUCTURE

It consists of crash zone sensor, diagnosis sensor unit (ACU), air bags and seat belt pre-tensioners for driver and front passenger.

INSTALLATION

Refer to [SR-36, "Removal and Installation"](#), [SR-41, "Removal and Installation"](#), [SB-7, "SEAT BELT RETRAC-TOR : Removal and Installation"](#), [SR-39, "Removal and Installation"](#), [SR-49, "Removal and Installation"](#).

DTC Logic

INFOID:000000006200405

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1209	FRONTAL COLLISION DETECTION	Front seat belt pre-tensioner, front air bag is deployed.	—

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

- YES >> Refer to [SRC-315, "Diagnosis Procedure"](#).
- NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200406

WARNING:

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

1.PERFORM COLLISION DIAGNOSIS

Perform collision diagnosis.Refer to [SR-30, "FOR FRONTAL COLLISION : When SRS is activated in a collision"](#) or [SR-31, "FOR FRONTAL COLLISION : When SRS is not activated in a collision"](#).

Is collision diagnosis complete?

- YES >> GO TO 2.

B1209 FRONTAL COLLISION DETECTION

[FOR MEXICO]

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

2.FINAL INSPECTION

Perform "AIR BAG" Self Diagnostic Result.

Is the inspection result normal?

YES >> INSPECTION END

NO >> Perform diagnosis of applicable DTC.Refer to [SRC-322, "DTC Index"](#).

B1210 SIDE COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1210 SIDE COLLISION DETECTION

Description

INFOID:000000006200407

DTC B1210 SIDE COLLISION DETECTION

Detects component damage resulting from a side collision, brinks or illuminates the air bag warning lamp to inform the driver. Malfunctioning part can be detected by the CONSULT-III.

OPERATION

The side air bag and curtain air bag are operated by the decision of the diagnosis sensor unit (ACU) signal of the side collision.

STRUCTURE

It consists of satellite sensor, diagnosis sensor unit (ACU), front side air bag and side curtain air bag.

INSTALLATION

Refer to [SR-47, "Removal and Installation"](#), [SR-43, "Removal and Installation"](#), [SR-49, "Removal and Installation"](#).

DTC Logic

INFOID:000000006200408

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1210	SIDE COLLISION DETECTION	Front side air bag, side curtain air bag is deployed.	—

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-317, "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006200409

WARNING:

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

1.PERFORM COLLISION DIAGNOSIS

Perform collision diagnosis.Refer to [SR-32, "FOR SIDE AND ROLLOVER COLLISION : When SRS is activated in a collision"](#) or [SR-33, "FOR SIDE AND ROLLOVER COLLISION : When SRS is not activated in a collision"](#).

Is collision diagnosis complete?

YES >> GO TO 2.

NO >> **INSPECTION END**

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B1210 SIDE COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

2. FINAL INSPECTION

Perform "AIR BAG" Self Diagnostic Result.

Is the inspection result normal?

YES >> INSPECTION END

NO >> Perform diagnosis of applicable DTC. Refer to [SRC-322, "DTC Index"](#).

B1211 ROLLOVER DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

B1211 ROLLOVER DETECTION

Description

INFOID:000000006487271

DTC B1211 ROLLOVER DETECTION

When detect a component damage resulting from a rollover, brinks or illuminates the air bag warning lamp to inform the driver. Malfunctioning can be detected by the CONSULT-III.

OPERATION

The front seat belt pre-tensioner and side curtain air bag are operated by the decision of the air bag diagnosis sensor unit signal of the rollover.

STRUCTURE

It consists of front seat belt pre-tensioner, side curtain air bag and air bag diagnosis sensor unit.

INSTALLATION

Refer to [SR-26. "Removal and Installation"](#), [SR-18. "Removal and Installation"](#) and [SR-24. "Removal and Installation"](#).

DTC Logic

INFOID:000000006487272

DTC DETECTION LOGIC

With CONSULT-III

DTC No. Index ("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1211	ROLLOVER DETECTION	Front seat belt pre-tensioner. side curtain air bag module are deployed because of rollover detection	—

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is malfunctioning part detected?

YES >> Refer to [SRC-319. "Diagnosis Procedure"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure

INFOID:000000006487273

WARNING:

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

1.PERFORM COLLISION DIAGNOSIS

Perform collision diagnosis.Refer to [SR-7. "FOR SIDE AND ROLLOVER COLLISION : When SRS is activated in a collision"](#) or [SR-8. "FOR SIDE AND ROLLOVER COLLISION : When SRS is not activated in a collision"](#).

Is collision diagnosis complete?

YES >> GO TO 2.

NO >> INSPECTION END

B1211 ROLLOVER DETECTION

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

2. FINAL INSPECTION

Perform "AIR BAG" Self Diagnostic Result.

Is the inspection result normal?

YES >> INSPECTION END

NO >> Perform diagnosis of applicable DTC. Refer to [SRC-163, "DTC Index"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

[FOR MEXICO]

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

DTC Logic

INFOID:000000006487274

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1218 B1219 B1220 B1221 B1222 B1223	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

With CONSULT-III

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

Without CONSULT-III

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-18, "Diagnosis Description"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-321, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000006487275

WARNING:

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

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-321, "DTC Logic"](#).

Is DTC detected?

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

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[FOR MEXICO]

ECU DIAGNOSIS INFORMATION

DIAGNOSIS SENSOR UNIT

DTC Index

INFOID:000000006200410

DTC No. Index (With CONSULT-III)

("SELF-DIAG [CURRENT]"), ("SELF-DIAG [PAST]" or "TROUBLE DIAG RECORD")

NOTE:

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

Diagnostic item	Explanation	Repair order "Recheck SRS at each replacement"	
NO DTC IS DETECTED.	When malfunction is indicated by the "AIR BAG" warning lamp in User mode.	Low battery voltage (Less than 9 V) <ul style="list-style-type: none"> Self-diagnosis result "SELF-DIAG [PAST]" (previously stored in the memory) might not be erased after repair. Intermittent malfunction has been detected in the past. 	— Go to SRC-189, "Diagnosis Description" .
	No malfunction is detected.	—	
CONTROL UNIT [B1001-B1015] [B1026-B1031]	Diagnosis sensor is out of order.	Replace diagnosis sensor unit (ACU).	
CRASH ZONE SEN [UNIT FAIL] [B1033] [B1034] CRASH ZONE SEN [COMM FAIL] [B1035] [UNMATCH] [B1036] [OPEN/UPR-VB-SHORT] [B1038] [SHORT/UPR-GND-SHORT] [B1040]	Crash zone sensor is out of order.	<ol style="list-style-type: none"> 1. Repair or replace wiring harness / harness connector. 2. Replace crash zone sensor. 3. Replace diagnosis sensor unit (ACU). 	
CONTROL UNIT [B1042-B1047]	Diagnosis sensor is out of order.	Replace diagnosis sensor unit (ACU).	

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[FOR MEXICO]

Diagnostic item	Explanation	Repair order "Recheck SRS at each replacement"	A
DRIVER AIRBAG MODULE [OPEN] [B1049]	Driver air bag module circuit is open. (including the spiral cable.)	<ol style="list-style-type: none"> 1. Repair or replace wiring harness/harness connector. 2. Replace driver air bag module. 3. Replace spiral cable. Refer to SRC-208. "Diagnosis Procedure". 4. Replace diagnosis sensor unit (ACU). 	B
DRIVER AIRBAG MODULE [VB-SHORT] [B1050]	Driver air bag module circuit is shorted to some power supply circuit. (including the spiral cable.)		C
DRIVER AIRBAG MODULE [GND-SHORT] [B1051]	Driver air bag module circuit is shorted to ground. (including the spiral cable.)		D
DRIVER AIRBAG MODULE [SHORT] [B1052]	<ul style="list-style-type: none"> Driver air bag module circuits are shorted to each other. (including spiral cable.) Driver air bag module circuit is shorted to itself. 		E
CONTROL UNIT [B1058-B1063]	Diagnosis sensor is out of order.	Replace diagnosis sensor unit (ACU).	F
ASSIST A/B MODULE [OPEN] [B1065]	Front passenger air bag module circuit is open.	<ol style="list-style-type: none"> 1. Repair or replace wiring harness/harness connector. 2. Replace front passenger air bag module. 3. Replace diagnosis sensor unit (ACU). 	G
ASSIST A/B MODULE [VB-SHORT] [B1066]	Front passenger air bag module circuit is shorted to some power supply circuit.		SRC
ASSIST A/B MODULE [GND-SHORT] [B1067]	Front passenger air bag module circuit is shorted to ground.		I
ASSIST A/B MODULE [SHORT] [B1068]	<ul style="list-style-type: none"> Front passenger air bag module circuits are shorted to each other. Front passenger air bag module circuit is shorted to itself. 		J
CONTROL UNIT [B1074-B1079]	Diagnosis sensor is out of order.	Replace diagnosis sensor unit (ACU).	K
PRE-TEN FRONT RH [OPEN] [B1081]	Front RH seat belt pre-tensioner circuit is open.	<ol style="list-style-type: none"> 1. Repair or replace wiring harness/harness connector. 2. Replace front RH seat belt pre-tensioner. 3. Replace diagnosis sensor unit (ACU). 	L
PRE-TEN FRONT RH [VB-SHORT] [B1082]	Front RH seat belt pre-tensioner circuit is shorted to some power supply circuit.		M
PRE-TEN FRONT RH [GND-SHORT] [B1083]	Front RH seat belt pre-tensioner circuit is shorted to ground.		N
PRE-TEN FRONT RH [SHORT] [B1084]	<ul style="list-style-type: none"> Front RH seat belt pre-tensioner circuits are shorted to each other. Front RH seat belt pre-tensioner circuit is shorted to itself. 		O
			P

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[FOR MEXICO]

Diagnostic item	Explanation	Repair order "Recheck SRS at each replacement"
PRE-TEN FRONT LH [OPEN] [B1086]	Front LH seat belt pre-tensioner circuit is open.	<ol style="list-style-type: none"> 1. Repair or replace wiring harness/harness connector. 2. Replace front LH seat belt pre-tensioner. 3. Replace diagnosis sensor unit (ACU).
PRE-TEN FRONT LH [VB-SHORT] [B1087]	Front LH seat belt pre-tensioner circuit is shorted to some power supply circuit.	
PRE-TEN FRONT LH [GND-SHORT] [B1088]	Front LH seat belt pre-tensioner circuit is shorted to ground.	
PRE-TEN FRONT LH [SHORT] [B1089]	<ul style="list-style-type: none"> • Front LH seat belt pre-tensioner circuits are shorted to each other. • Front LH seat belt pre-tensioner circuit is shorted to itself. 	
CONTROL UNIT [B1091-B1093]	Diagnosis sensor is out of order.	Replace diagnosis sensor unit (ACU).
CONTROL UNIT [B1106-B1111]	Diagnosis sensor is out of order.	Replace diagnosis sensor unit (ACU).
SATELLITE SENS RH [UNIT FAIL] [B1113] [B1114] SATELLITE SENS RH [COMM FAIL] [B1115] [UNMATCH] [B1116]	RH satellite sensor is out of order.	<ol style="list-style-type: none"> 1. Repair or replace wiring harness/harness connector. 2. Replace RH satellite sensor. 3. Replace diagnosis sensor unit (ACU).
SATELLITE SENS LH [UNIT FAIL] [B1118] [B1119] SATELLITE SENS LH [COMM FAIL] [B1120] [UNMATCH] [B1121]	LH satellite sensor is out of order.	<ol style="list-style-type: none"> 1. Repair or replace wiring harness/harness connector. 2. Replace LH satellite sensor. 3. Replace diagnosis sensor unit (ACU).
CONTROL UNIT [B1122-B1127]	Diagnosis sensor is out of order.	Replace diagnosis sensor unit (ACU).
SIDE MODULE RH [OPEN] [B1129]	Front RH side air bag module circuit is open.	<ol style="list-style-type: none"> 1. Repair or replace wiring harness/harness connector. 2. Replace front RH side air bag module. 3. Replace diagnosis sensor unit (ACU).
SIDE MODULE RH [VB-SHORT] [B1130]	Front RH side air bag module circuit is shorted to some 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]	<ul style="list-style-type: none"> • Front LH seat belt pre-tensioner circuits are shorted to each other. • Front LH seat belt pre-tensioner circuit is shorted to itself. 	

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[FOR MEXICO]

Diagnostic item	Explanation	Repair order "Recheck SRS at each replacement"	A
SIDE MODULE LH [OPEN] [B1134]	Front LH side air bag module circuit is open.	<ol style="list-style-type: none"> 1. Repair or replace wiring harness/harness connector. 2. Replace front LH side air bag module. 3. Replace diagnosis sensor unit (ACU). 	A
SIDE MODULE LH [VB-SHORT] [B1135]	Front LH side air bag module circuit is shorted to some power supply circuit.		B
SIDE MODULE LH [GND-SHORT] [B1136]	Front LH side air bag module circuit is shorted to ground.		C
SIDE MODULE LH [SHORT] [B1137]	<ul style="list-style-type: none"> • Front LH side air bag module circuits are shorted to each other. • Front LH side air bag module circuit is shorted to itself. 		D
CONTROL UNIT [B1138-B1143]	Diagnosis sensor is out of order.	Replace diagnosis sensor unit (ACU).	E
CURTAIN MODULE RH [OPEN] [B1145]	RH side curtain air bag module circuit is open.	<ol style="list-style-type: none"> 1. Repair or replace wiring harness/harness connector. 2. Replace RH side curtain air bag module. 3. Replace diagnosis sensor unit (ACU). 	F
CURTAIN MODULE RH [VB-SHORT] [B1146]	RH side curtain air bag module circuit is shorted to some power supply circuit.		G
CURTAIN MODULE RH [GND-SHORT] [B1147]	RH side curtain air bag module circuit is shorted to ground.		SRC
CURTAIN MODULE RH [SHORT] [B1148]	<ul style="list-style-type: none"> • RH side curtain air bag module circuits are shorted to each other. • RH side curtain air bag module circuit is shorted to itself. 		I
CURTAIN MODULE LH [OPEN] [B1150]	LH side curtain air bag module circuit is open.	<ol style="list-style-type: none"> 1. Repair or replace wiring harness/harness connector. 2. Replace LH side curtain air bag module. 3. Replace diagnosis sensor unit (ACU). 	J
CURTAIN MODULE LH [VB-SHORT] [B1151]	LH side curtain air bag module circuit is shorted to some power supply circuits.		K
CURTAIN MODULE LH [GND-SHORT] [B1152]	LH side curtain air bag module circuit is shorted to ground.		L
CURTAIN MODULE LH [SHORT] [B1153]	<ul style="list-style-type: none"> • LH side curtain air bag module circuits are shorted to each other. • LH side curtain air bag module circuit is shorted to itself. 		M
CONTROL UNIT [B1155-B1157]	Diagnosis sensor is out of order.	Replace diagnosis sensor unit (ACU).	N
CONTROL UNIT [B1170-B1175]	Diagnosis sensor is out of order.	Replace diagnosis sensor unit (ACU).	N
PRE-TEN2 FRONT RH [OPEN] [B1177]	Front RH seat belt pre-tensioner 2 circuit is open.	<ol style="list-style-type: none"> 1. Repair or replace wiring harness/harness connector. 2. Replace front RH seat belt pre-tensioner 2. 3. Replace diagnosis sensor unit (ACU). 	O
PRE-TEN2 FRONT RH [VB-SHORT] [B1178]	Front RH seat belt pre-tensioner 2 circuit is shorted to some power supply circuit.		P
PRE-TEN2 FRONT RH [GND-SHORT] [B1179]	Front RH seat belt pre-tensioner 2 circuit is shorted to ground.		
PRE-TEN2 FRONT RH [SHORT] [B1180]	<ul style="list-style-type: none"> • Front RH seat belt pre-tensioner 2 circuits are shorted to each other. • Front RH seat belt pre-tensioner 2 circuit is shorted to itself. 		

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[FOR MEXICO]

Diagnostic item	Explanation	Repair order "Recheck SRS at each replacement"
PRE-TEN2 FRONT LH [OPEN] [B1182]	Front LH seat belt pre-tensioner 2 circuit is open.	<ol style="list-style-type: none"> 1. Repair or replace wiring harness/harness connector. 2. Replace front LH seat belt pre-tensioner 2. 3. Replace diagnosis sensor unit (ACU).
PRE-TEN2 FRONT LH [VB-SHORT] [B1183]	Front LH seat belt pre-tensioner 2 circuit is shorted to some power supply circuit.	
PRE-TEN2 FRONT LH [GND-SHORT] [B1184]	Front LH seat belt pre-tensioner 2 circuit is shorted to ground.	
PRE-TEN2 FRONT LH [SHORT] [B1185]	<ul style="list-style-type: none"> • Front LH seat belt pre-tensioner 2 circuits are shorted to each other. • Front LH seat belt pre-tensioner 2 circuit is shorted to itself. 	
CONTROL UNIT [B1187-B1189]	Diagnosis sensor is out of order.	Replace diagnosis sensor unit (ACU).
CONTROL UNIT [B1202-B1207]	Diagnosis sensor is out of order.	Replace diagnosis sensor unit (ACU).
FRONTAL COLLISION DETECTION [B1209]	Seat belt pre-tensioner and front air bags is deployed.	Go to SRC-315, "Diagnosis Procedure" .
SIDE COLLISION DETECTION [B1210]	Side and curtain air bag is deployed.	Go to SRC-317, "Diagnosis Procedure" .
ROLLOVER DETECTION [B1210]	Seat belt pre-tensioner and side and curtain air bag is deployed.	Go to SRC-319, "Diagnosis Procedure" .
CONTROL UNIT [B1218-B1223]	Diagnosis sensor is out of order.	Replace diagnosis sensor unit (ACU).

WARNING LAMP FLASH CODE CHART (Without CONSULT-III)

NOTE:

Follow the procedures in numerical order when repairing malfunctioning parts. Confirm whether malfunction is eliminated using air bag warning lamp or CONSULT-III each time repair is completed. 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 a through b are repeated. IGN ON 	Repair order 1. Erase memory. (Once key switch is turned from OFF to ON, TROUBLE DIAG RECORD will be erased.)

PHIA0532E

<Diagnosis sensor unit>	
Flash pattern a through d are repeated. d: Seven flashes indicate malfunctioning diagnosis sensor unit circuit.	Repair order 1. Replace the diagnosis sensor unit (ACU).

JMHA0034GB

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[FOR MEXICO]

<Crash zone sensor>	
Flash pattern	Repair order
<p>a through d are repeated. d: Six flashes indicate malfunctioning crash zone sensor circuit.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the crash zone sensor. 4. Replace the diagnosis sensor unit.

JMHA0036GB

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

JMHA0033GB

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

JMHA0035GB

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

JMHA0037GB

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

JMHA0038GB

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[FOR MEXICO]

<RH side air bag (Satellite) sensor>	
<p>Flash pattern</p> <p>a through f are repeated. f: Three flashes indicate malfunctioning RH side air bag (Satellite) sensor circuit.</p>	<p>Repair order</p> <ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the RH side air bag (Satellite) sensor. 4. Replace the diagnosis sensor unit.
	<small>JMHIA0039GB</small>

<LH side air bag (Satellite) sensor>	
<p>Flash pattern</p> <p>a through f are repeated. f: Four flashes indicate malfunctioning LH side air bag (Satellite) sensor.</p>	<p>Repair order</p> <ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the LH side air bag (Satellite) sensor. 4. Replace the diagnosis sensor unit.
	<small>JMHIA0040GB</small>

<Front RH side air bag module>	
<p>Flash pattern</p> <p>a through f are repeated. f: One flash indicates malfunctioning front RH side air bag module circuit.</p>	<p>Repair order</p> <ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the front RH side air bag module. 4. Replace the diagnosis sensor unit (ACU).
	<small>JMHIA0041GB</small>

<Front LH side air bag module>	
<p>Flash pattern</p> <p>a through f are repeated. f: Two flashes indicate malfunctioning front LH side air bag module circuit.</p>	<p>Repair order</p> <ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the front LH side air bag module. 4. Replace the diagnosis sensor unit (ACU).
	<small>JMHIA0042GB</small>

<RH side curtain air bag module>	
<p>Flash pattern</p> <p>a through f are repeated. f: Five flashes indicate malfunctioning RH side curtain air bag module circuit.</p>	<p>Repair order</p> <ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the RH side curtain air bag module. 4. Replace the diagnosis sensor unit (ACU).
	<small>JMHIA0043GB</small>

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[FOR MEXICO]

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

JMHA0044GB

<Front RH seat belt pre-tensioner 2>	
Flash pattern	Repair order
<p>a through d are repeated. d: Twelve flashes indicates malfunctioning front RH seat belt pre-tensioner 2 circuit.</p>	<ol style="list-style-type: none"> 1. Visually check the wiring harness connections. 2. Replace the harness if it has visible damage. 3. Replace the front RH seat belt pre-tensioner 2. 4. Replace the diagnosis sensor unit (ACU).

JMHA0223GB

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

JMHA0222GB

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DIAGNOSIS SENSOR UNIT

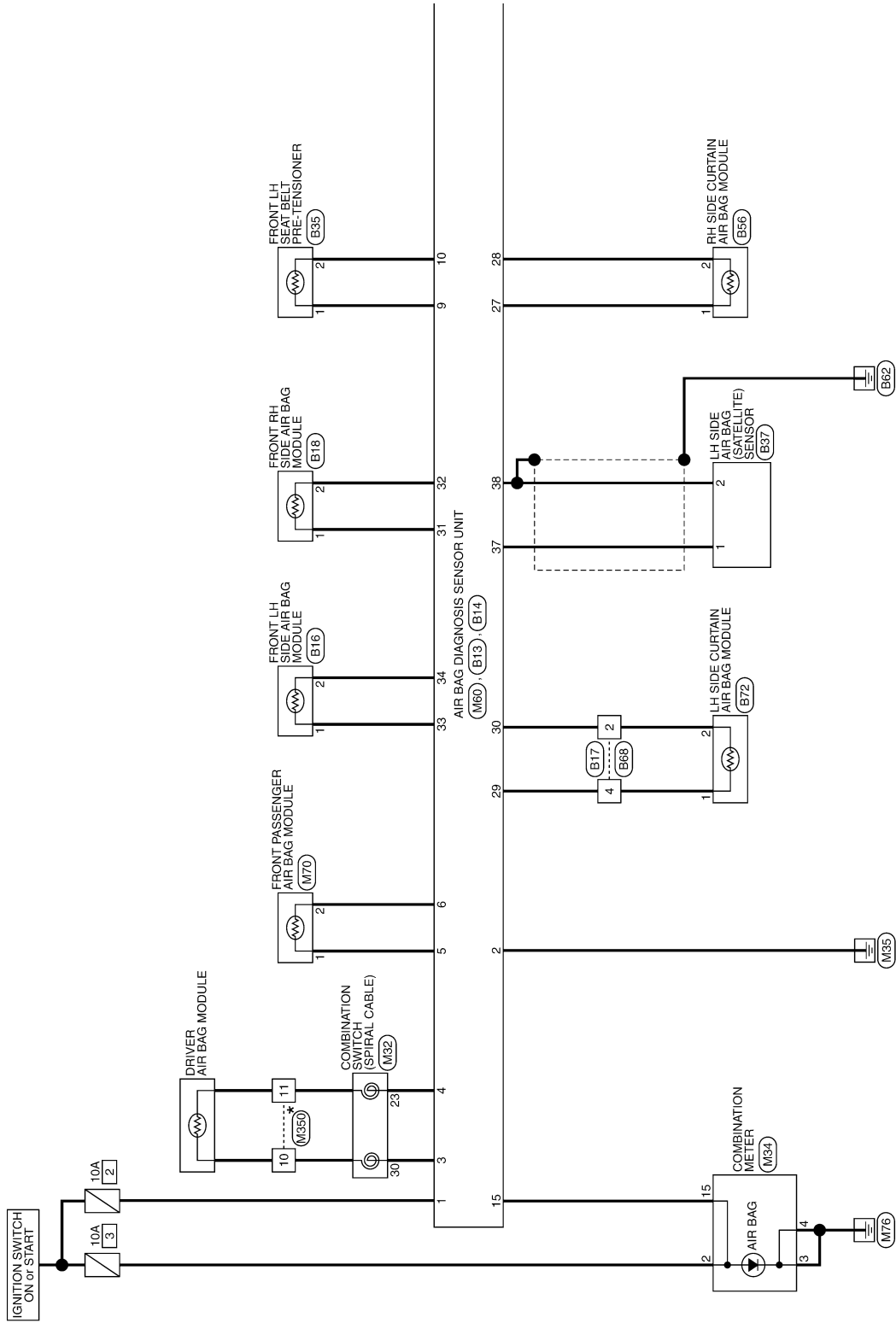
< ECU DIAGNOSIS INFORMATION >

[FOR MEXICO]

Wiring Diagram — SRS AIR BAG CONTROL SYSTEM —

INFOID:000000006200411

SRS AIR BAG CONTROL SYSTEM (WITHOUT ADVANCED AIR BAG)



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

2010/06/18

JCHWM0791GB

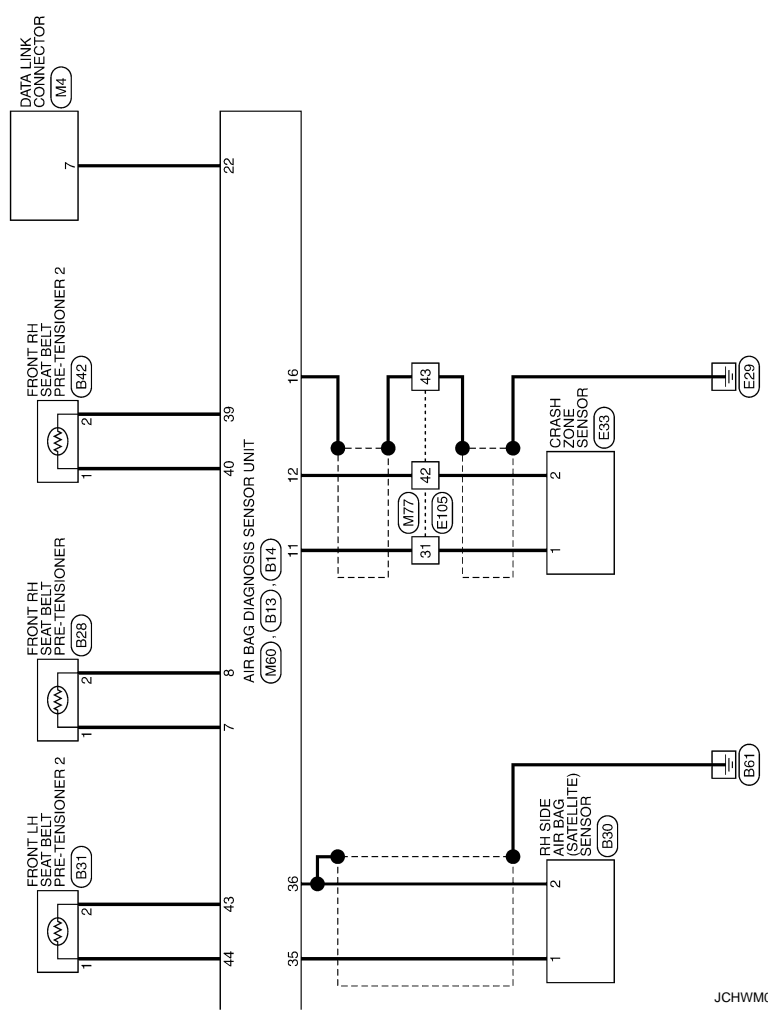
DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[FOR MEXICO]

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JCHWM0792GB

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[FOR MEXICO]

SRS AIR BAG CONTROL SYSTEM (WITHOUT ADVANCED AIR BAG)

Connector No.	B13
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	TK12FY-1V-EX



32	28	26	27	25	31
18	39	17	36	35	40

Terminal No.	Color of Wire	Signal Name [Specification]
7	O	ELR RH+
8	V	ELR RH-
27	R	INF CURTAIN RR RH+
28	W	INF CURTAIN RR RH-
31	W	SIDE INF RH+
32	L	SIDE INF RH-
35	BR	SIDE SENS RH+
36	Y	SIDE SENS RH-
39	GR	ELR 2 RH-
40	P	ELR 2 RH+

Connector No.	B14
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	TK12FY-2V-EX



33	41	29	42	30	34
44	37	38	9	43	10

Terminal No.	Color of Wire	Signal Name [Specification]
9	Y	ELR LH+
10	SB	ELR LH-
29	LG	INF CURTAIN RR LH+
30	V	INF CURTAIN RR LH-
33	W	SIDE INF LH+
34	L	SIDE INF LH-
37	G	SIDE SENS LH+
38	R	SIDE SENS LH-
43	O	ELR 2 LH-
44	P	ELR 2 LH+

Connector No.	B16
Connector Name	FRONT LH SIDE AIR BAG MODULE
Connector Type	TK02FY-EX-1V



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

Connector No.	B17
Connector Name	WIRE TO WIRE
Connector Type	TK04MY-BD



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

Connector No.	B18
Connector Name	FRONT RH SIDE AIR BAG MODULE
Connector Type	TK02FY-EX-1V



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

Connector No.	B28
Connector Name	FRONT RH SEAT BELT PRE-TENSIONER
Connector Type	ACB02FY



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

Connector No.	B30
Connector Name	RH SIDE AIR BAG (SATELLITE) SENSOR
Connector Type	HK02FY-1V-EX



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

Connector No.	B31
Connector Name	FRONT LH SEAT BELT PRE-TENSIONER 2
Connector Type	ACB02FOR



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

Connector No.	B35
Connector Name	FRONT LH SEAT BELT PRE-TENSIONER
Connector Type	ACB02FY



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

Connector No.	B37
Connector Name	LH SIDE AIR BAG (SATELLITE) SENSOR
Connector Type	HK02FY-1V-EX



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

Connector No.	B42
Connector Name	FRONT RH SEAT BELT PRE-TENSIONER 2
Connector Type	ACB02FOR



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

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[FOR MEXICO]

SRS AIR BAG CONTROL SYSTEM (WITHOUT ADVANCED AIR BAG)

Connector No.	B56
Connector Name	RH SIDE CURTAIN AIR BAG MODULE
Connector Type	ACB02FY



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

Connector No.	E33
Connector Name	CRASH ZONE SENSOR
Connector Type	TK02FY-1V-EX



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

Connector No.	B68
Connector Name	WIRE TO WIRE
Connector Type	TK04FY



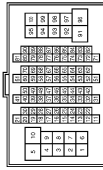
Terminal No.	Color of Wire	Signal Name [Specification]
2	V	-
4	LG	-

Connector No.	B72
Connector Name	LH SIDE CURTAIN AIR BAG MODULE
Connector Type	ACB02FOR



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

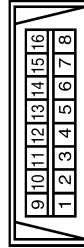
Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TK06PW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	O	-
3	LG	-
4	V	-
5	Y	-
6	G	-
7	R	-
8	GR	-
9	BR	-
10	L	-
11	GR	-
12	P	-
14	L	-
15	V	-
19	R	-
20	P	-
21	L	-
22	L	-
24	LG	-
25	SB	-

Terminal No.	Color of Wire	Signal Name [Specification]
30	L	-
31	BR	-
42	Y	-
43	SHIELD	-
51	L	-
52	W	-
53	BR	-
54	Y	-
60	O	-
61	BR	-
62	R	-
63	P	-
69	G	-
70	B	-
71	O	-
72	LG	-
78	L	-
79	V	-
80	Y	-
81	W	-
82	R	-
83	L	-
88	BR	-
89	R	-
90	GR	-
91	R	-
92	O	-
93	BR	-
94	W	-
96	BR	-
97	G	-
99	SB	-
100	L	-

Connector No.	M4
Connector Name	DATA LINK CONNECTOR
Connector Type	BD16FW



Terminal No.	Color of Wire	Signal Name [Specification]
4	B	-
5	B	-
6	L	-

Terminal No.	Color of Wire	Signal Name [Specification]
7	O	-
8	W	-
14	P	-
16	V	-

Connector No.	M32
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK06FY-EX-1V



Terminal No.	Color of Wire	Signal Name [Specification]
23	Y/R	-
28	Y/G	-
30	Y	-
40	G	-
41	B	-
42	L	-

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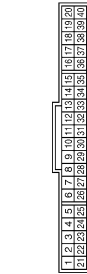
DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

[FOR MEXICO]

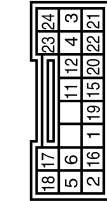
SRS AIR BAG CONTROL SYSTEM (WITHOUT ADVANCED AIR BAG)

Connector No.	M34
Connector Name	COMBINATION METER
Connector Type	TH40FY-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	BATTERY POWER SUPPLY
2	O	IGNITION SIGNAL
3	B	GROUND
4	B	GROUND
5	BR	A/C AUTO AMP CONNECTION RECOGNITION SIGNAL
7	GR	OVERDRIVE CONTROL SWITCH SIGNAL
8	L	PADDLE SHIFTER SHIFT UP SIGNAL
10	G	PADDLE SHIFTER SHIFT DOWN SIGNAL
13	Y	ILLUMINATION CONTROL SIGNAL
15	LG	AIR BAG SIGNAL
16	O	ENGINE COOLANT TEMPERATURE SIGNAL
19	BR	AMBIENT SENSOR SIGNAL
20	SB	AMBIENT SENSOR GROUND
21	L	CAN-H
22	P	CAN-L
24	B	FUEL LEVEL SENSOR SIGNAL GROUND
25	SB	ALTERNATOR SIGNAL
26	V	PARKING BRAKE SWITCH SIGNAL
27	BR	BRAKE FLUID LEVEL SWITCH SIGNAL
28	B	SECURITY SIGNAL
29	W	WASHER LEVEL SWITCH SIGNAL
30	Y	VEHICLE SPEED SIGNAL (2-PUL SE)
31	L	VEHICLE SPEED SIGNAL (8-PUL SE)
34	G	FUEL LEVEL SENSOR SIGNAL
35	O	SEAT BELT BUCKLE SWITCH SIGNAL (DRIVER SIDE)
36	G	SEAT BELT BUCKLE SWITCH SIGNAL (PASSENGER SIDE)
37	P	NON-MANUAL MODE SIGNAL
38	O	MANUAL MODE SHIFT DOWN SIGNAL
39	V	MANUAL MODE SHIFT UP SIGNAL
40	LG	MANUAL MODE SIGNAL

Connector No.	M60
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	TK02FY-EX-SC



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	IGN
2	B	GND
3	Y	INFLATOR DR+
4	Y/R	INFLATOR DR-
5	Y/G	INFLATOR AS+
6	Y/B	INFLATOR AS-
11	W	EGZS+
12	O	EGZS-
15	BR	A/B W/L
16	SHIELD	GND
22	Y	K-LINE

Connector No.	M70
Connector Name	FRONT PASSENGER AIR BAG MODULE
Connector Type	TK02FY-EX-TV



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

Connector No.	M77
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	
2	O	
3	LG	
4	Y	
5	Y	
6	G	
7	R	
8	GR	
9	BR	
10	L	
11	GR	
12	P	
14	SB	
15	V	
19	R	
20	P	
21	O	
22	L	
24	BR	
25	W	
30	L	
31	W	
42	O	
43	SHIELD	
51	W	
52	SB	
53	L	
54	Y	
60	O	
61	BR	
62	G	
63	P	
69	W	
70	B	
71	P	
72	O	
78	SB	
79	V	

80	L	
81	W	
82	B	
83	LG	
88	BR	
89	G	
90	GR	
91	R	
92	L	
93	P	
94	W	
96	BR	
97	G	
99	SB	
100	Y	

Connector No.	M850
Connector Name	DRIVER AIR BAG MODULE
Connector Type	AC02FY-ZV



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

SRS AIR BAG WARNING LAMP DOES NOT TURN OFF

< SYMPTOM DIAGNOSIS >

[FOR MEXICO]

SYMPTOM DIAGNOSIS

SRS AIR BAG WARNING LAMP DOES NOT TURN OFF

Diagnosis Procedure

INFOID:000000006200412

1. CHECK AIR BAG MODULE

Check the deployment of air bag module.

Is air bag module deployed?

YES >> Refer to [SR-30. "FOR FRONTAL COLLISION : When SRS is activated in a collision"](#) or [SR-32. "FOR SIDE AND ROLLOVER COLLISION : When SRS is activated in a collision"](#).

NO >> GO TO 2.

2. CHECK AIR BAG FUSE

Check the air bag fuse. Refer to [PG-100. "Fuse and Fusible Link Arrangement"](#).

Is 10A fuse [No.2. located in fuse block (J/B)] normal?

YES >> GO TO 4.

NO >> GO TO 3.

3. CHECK AIR BAG FUSE AGAIN

Replace air bag fuse and turn ignition switch ON.

Did the air bag fuse blow again?

YES >> Repair or replace main harness.

NO >> **INSPECTION END**

4. CHECK DIAGNOSIS SENSOR UNIT

Check the screen of CONSULT-III.

Is the inspection result normal?

YES >> GO TO 5.

NO >> Replace diagnosis sensor unit (ACU). Refer to [SR-49. "Removal and Installation"](#).

5. CHECK HARNESS CONNECTION

Check harness connection between air bag warning lamp and diagnosis sensor unit.

Is the inspection result normal?

YES >> Check the intermittent incident. Refer to [GI-45. "Intermittent Incident"](#).

NO >> Replace wiring harness connector.

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SRS AIR BAG WARNING LAMP DOES NOT TURN ON

< SYMPTOM DIAGNOSIS >

[FOR MEXICO]

SRS AIR BAG WARNING LAMP DOES NOT TURN ON

Diagnosis Procedure

INFOID:000000006200413

"SRS AIR BAG" Warning Lamp Does Not Turn ON

1. CHECK METER FUSE

Check the meter fuse. Refer to [PG-100, "Fuse and Fusible Link Arrangement"](#).

Is 10A fuse [No.4, located in fuse block (J/B)] normal?

YES >> GO TO 3.

NO >> GO TO 2.

2. CHECK METER FUSE AGAIN

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

Did the meter fuse blow again?

YES >> Repair or replace the related harness.

NO >> **INSPECTION END**

3. CHECK HARNESS CONNECTION

1. Check harness connection between diagnosis sensor unit and combination meter.

2. Disconnect diagnosis sensor unit connector and turn ignition switch ON.

Did air bag warning lamp turn ON?

YES >> Replace diagnosis sensor unit (ACU). Refer to [SR-49, "Removal and Installation"](#).

NO >> Replace combination meter assembly. Refer to [MWI-78, "Removal and Installation"](#).

PRECAUTION

PRECAUTIONS

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

INFOID:000000006200414

The Supplemental Restraint System such as "AIR BAG" and "SEAT BELT PRE-TENSIONER", used along with a front seat belt, helps to reduce the risk or severity of injury to the driver and front passenger for certain types of collision. Information necessary to service the system safely is included in the "SRS AIR BAG" and "SEAT BELT" of this Service Manual.

WARNING:

- 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 "SRS AIR BAG".
- Never use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.

PRECAUTIONS WHEN USING POWER TOOLS (AIR OR ELECTRIC) AND HAMMERS

WARNING:

- When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the ignition ON or engine running, never use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.
- When using air or electric power tools or hammers, always switch the ignition OFF, disconnect the battery, and wait at least 3 minutes before performing any service.

Service

INFOID:000000006200415

- 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 elapsed.
- Diagnosis sensor unit must always be installed with their arrow marks "←" pointing towards the front of the vehicle for proper operation. Also check diagnosis sensor unit for cracks, deformities or rust before installation and replace as required.
- The spiral cable must be aligned in the neutral position since its rotations are limited. Do not turn steering wheel and column after removal of steering gear.
- Handle air bag module carefully. Always place driver and front passenger air bag modules with the pad side facing upward and seat mounted front side air bag module standing with the stud bolt side facing down.
- Conduct self-diagnosis to check entire SRS for proper functioning after replacing any components.
- After air bag inflates, the front instrument panel assembly should be replaced if damaged.
- Always replace instrument panel pad following front passenger air bag deployment.

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