

SECTION **SRC**

SRS AIRBAG CONTROL SYSTEM

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DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

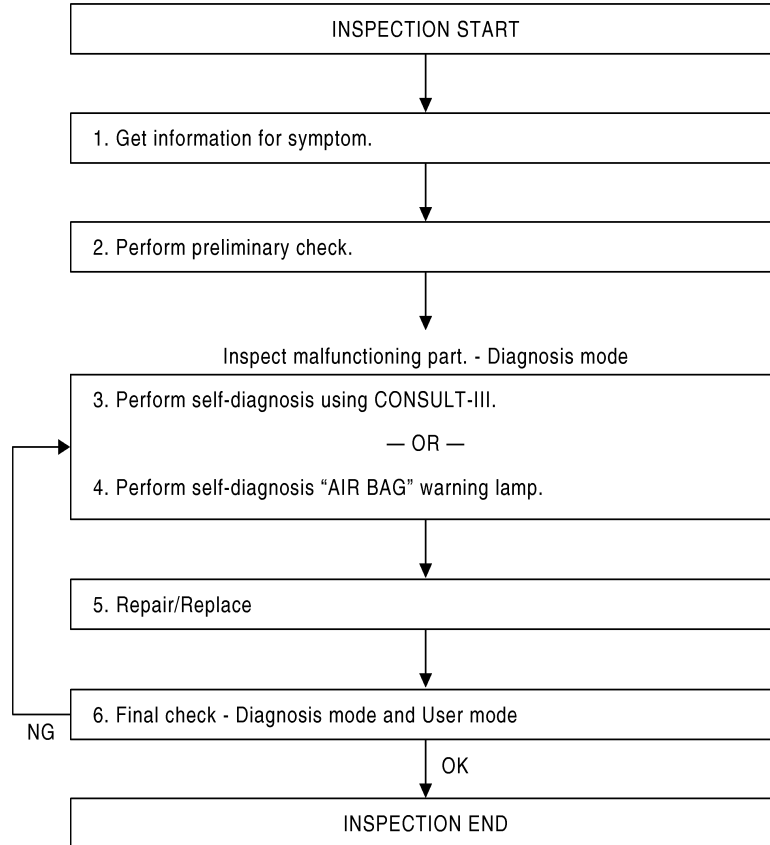
BASIC INSPECTION

DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

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DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

DETAILED FLOW

1. GET INFORMATION FOR SYMPTOM

Get the detailed information from 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 surcuit normal?

YES >> GO TO 3.

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

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

Check the screen of CONSULT-III.

Is "MALFUNCTIONING PART" displayed on CONSULT-III?

YES >> GO TO 4.

NO >> Repeat DTC confirmation with diagnostic procedure.

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

Check the 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 malfunctioning is repaired, erase the self-diagnostic result. Refer to [SRC-10, "Diagnosis Description"](#).

>> GO TO 6.

6. FINAL CHECK

Chek the screen of CONSULT-III and /or, Air bag warning lamp status.

Are all malfunctions corrected?

YES >> **INSPECTION END.**

NO >> GO TO 3 or GO TO 4.

SRS AIR BAG SYSTEM

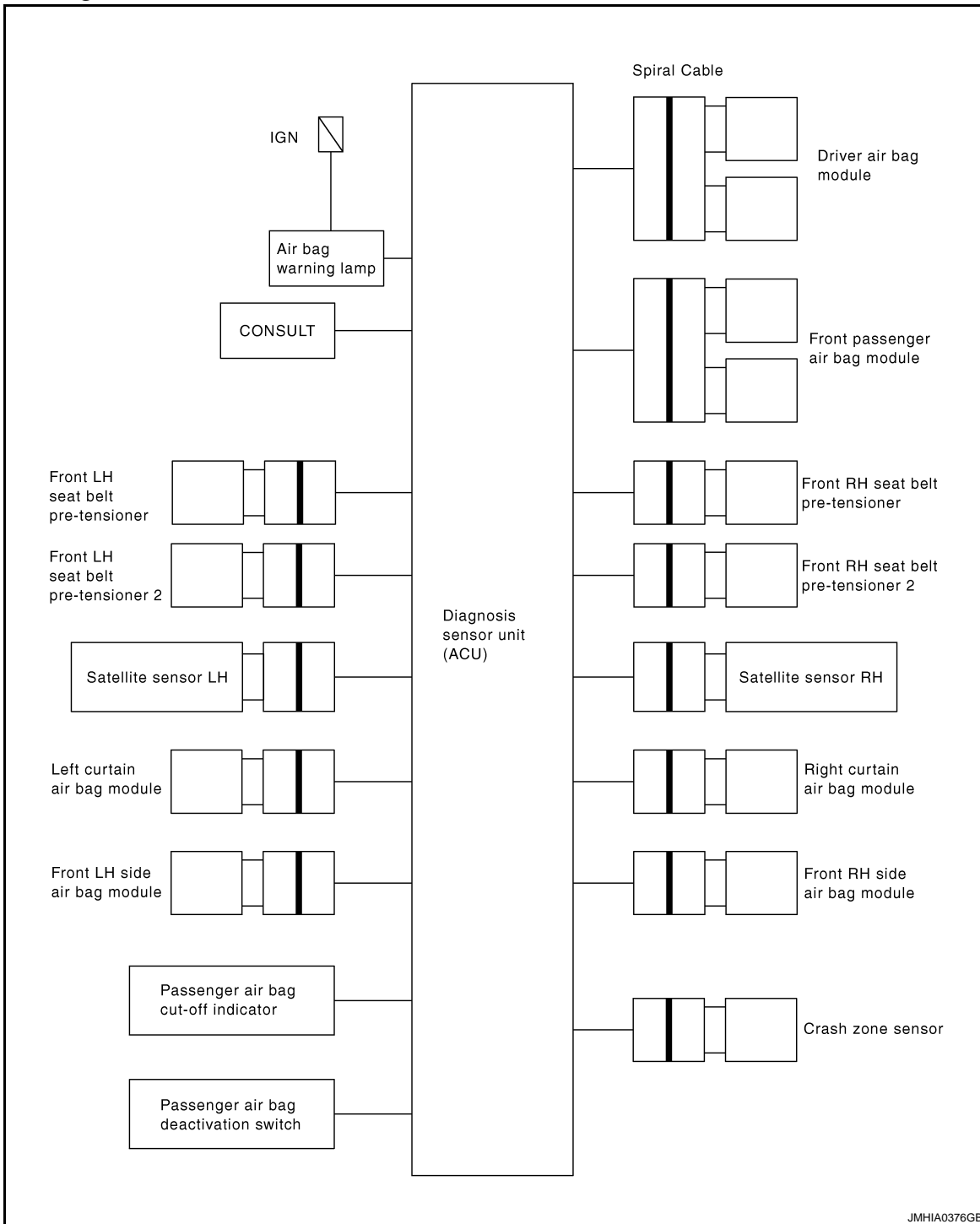
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FUNCTION DIAGNOSIS

SRS AIR BAG SYSTEM

System Diagram

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System Description

INFOID:000000001182783

This SRS Air Bag System has the following function.

1. Detect crash and supply the energy for deploying air bag and seat belt pre-tensioner.
2. Detect electrical trouble in air bag system and seat belt pre-tensioner system, record trouble code, and blinking air bag warning lamp.

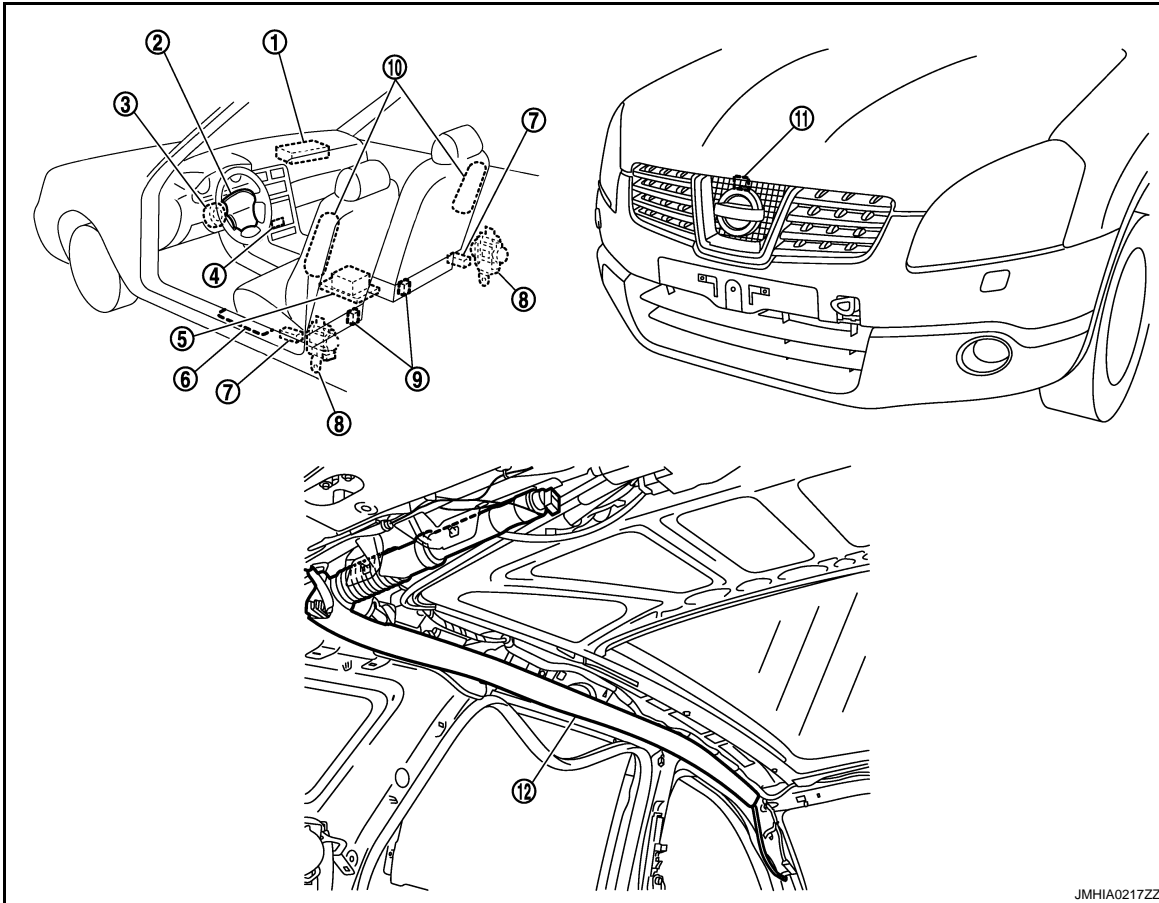
SRS AIR BAG SYSTEM

< FUNCTION DIAGNOSIS >

3. Detect and record the deployment of air bag and seat belt pre-tensioner, and turn on air bag warning lamp.
4. Indicate malfunctioning portion with blinking times of air bag warning lamp in diagnosis mode.
5. Indicate the malfunctioning record by CONSULT-III.

Component Parts Location

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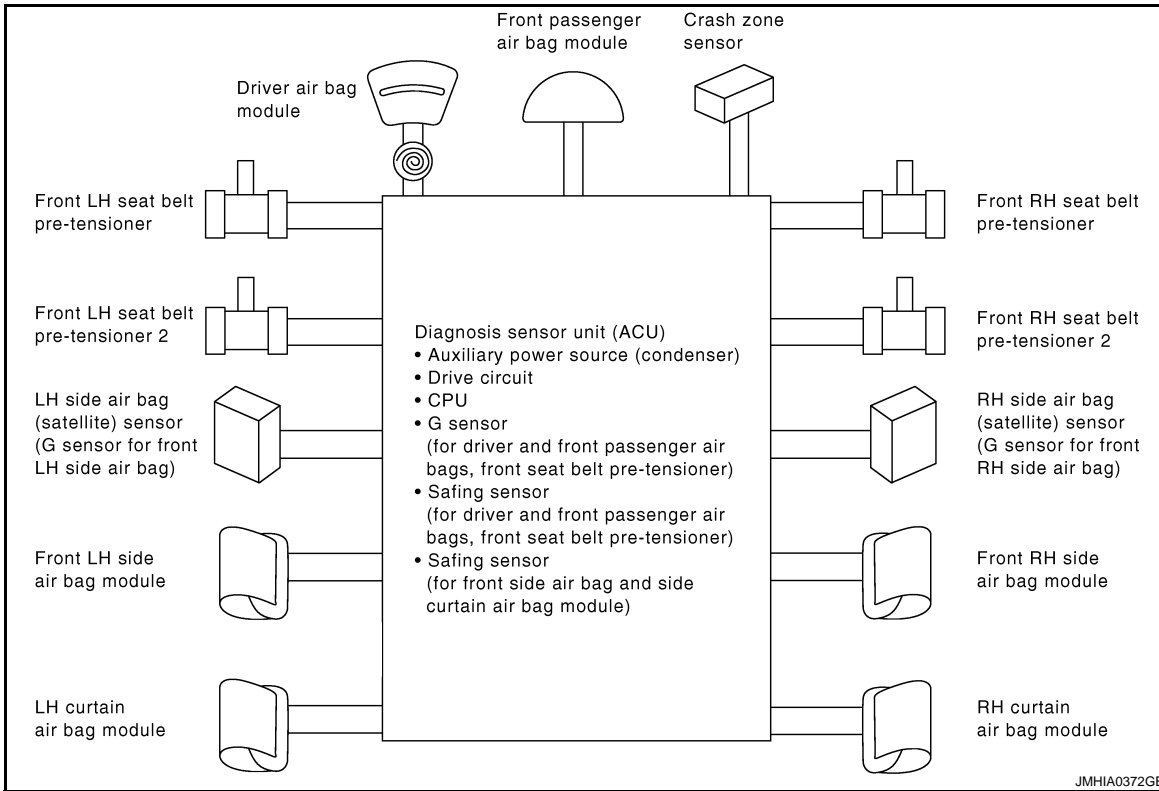
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|--|--|---|
| 1. Front passenger air bag module | 2. Driver air bag module | 3. Spiral cable |
| 4. Passenger air bag cut-off indicator | 5. Diagnosis sensor unit (ACU) | 6. Front seat belt pre-tensioner 2 (with driver side) |
| 7. Satellite sensor (LH/RH) | 8. Front seat belt pre-tensioner (LH/RH) | 9. Seat belt buckle switch (LH/RH) |
| 10. Front side air bag module (LH/RH) | 11. Crash zone sensor | 12. Curtain air bag module |

SRS AIR BAG SYSTEM

< FUNCTION DIAGNOSIS >

Component Description

INFOID:000000001182785



- 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 application. 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. Refer to SRC-134	×	—	—
Front passenger air bag module. Refer to SRC-134	×	—	—
Front LH seat belt pre-tensioner. Refer to SRC-134	×	—	—
Front RH seat belt pre-tensioner. Refer to SRC-134	×	—	—
Front LH seat belt pre-tensioner 2. Refer to SRC-134	×	—	—
Front RH seat belt pre-tensioner 2. Refer to SRC-134	×	—	—
Front LH side air bag module. Refer to SRC-136	—	×	—
Front RH side air bag module. Refer to SRC-136	—	—	×
LH side curtain air bag module. Refer to SRC-136	—	×	—
RH side curtain air bag module. Refer to SRC-136	—	—	×

×: Application, —: Not application

DIAGNOSIS SYSTEM (AIRBAG)

< FUNCTION DIAGNOSIS >

DIAGNOSIS SYSTEM (AIRBAG)

Diagnosis Description

INFOID:000000001182786

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-2, "How to Handle Battery".](#))
- Fuse (Refer to [PG-69, "Fuse".](#))
- 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)

< FUNCTION DIAGNOSIS >

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 style="text-align: right;">SHIA0011E</p>	<ul style="list-style-type: none"> • No malfunction is detected. • No further action is necessary. 	<p style="text-align: center;">—</p>
<p style="text-align: right;">SHIA0012E</p>	<ul style="list-style-type: none"> • The system is malfunctioning and needs to be repaired as indicated. 	<p>Go to SRC-10, "Diagnosis Description".</p>

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DIAGNOSIS SYSTEM (AIRBAG)

< FUNCTION DIAGNOSIS >

"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-134 , " Diagnosis Procedure (Component diagnosis) " or SRC-136 , " Diagnosis Procedure (Component diagnosis) ".
<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-160 , " Symptom Table ".
<p>SHIA0014E</p>	<ul style="list-style-type: none"> Diagnosis sensor unit is malfunctioning. Air bag warning lamp circuit is malfunctioning. 	Go to SRC-160 , " Symptom Table ".

DIAGNOSTIC PROCEDURE (With CONSULT-III)

Refer to [SRC-12](#), "[CONSULT-III Function](#)".

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:000000001182787

DIAGNOSIS MODE FOR CONSULT-III

- “SELF-DIAG [CURRENT]”
A current self-diagnosis results (also indicated with the number of warning lamp blinking 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.”
The diagnosis sensor unit for each vehicle model is assigned with its own individual classification number. This number will be displayed on CONSULT-III screen, as shown. When replacing the diagnosis sensor unit, refer to the part number for the compatibility. After installation, replacement with a correct unit can be checked by confirming this classification number on CONSULT-III screen.
After repair, check that the discriminated number of diagnosis sensor unit installed to vehicle are same. Refer to [SR-16](#), "[Removal and Installation](#)".

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.

DIAGNOSIS SYSTEM (AIRBAG)

< FUNCTION DIAGNOSIS >

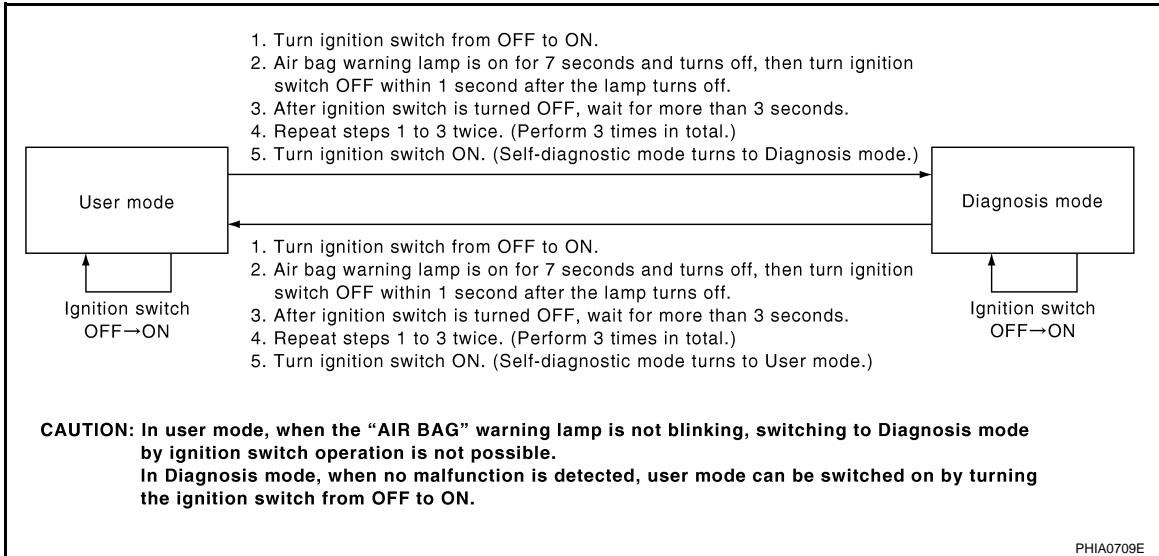
From Diagnosis Mode to User Mode

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.

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

< COMPONENT DIAGNOSIS >

COMPONENT DIAGNOSIS

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

Description

INFOID:000000001182788

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 watches 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 of both for frontal collision and for side collision 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:000000001182789

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	DIAGNOSIS SENSOR UNIT	Diagnosis sensor unit is out of order.	<ul style="list-style-type: none">Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "DIAGNOSIS SENSOR UNIT" displayed on CONSULT-III?

- YES >> Refer to [SRC-15, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

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

< COMPONENT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

YES >> Refer to [SRC-138, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182790

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 connection normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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.

Are the malfunctions corrected?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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SRC

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

< COMPONENT DIAGNOSIS >

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

Description

INFOID:000000001182791

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 watches 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 of both for frontal collision and for side collision 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:000000001182792

DTC DETECTION LOGIC

With CONSULT--

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	DIAGNOSIS SENSOR UNIT	Diagnosis sensor unit is out of order.	<ul style="list-style-type: none">Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "DIAGNOSIS SENSOR UNIT" displayed on CONSULT-III?

- YES >> Refer to [SRC-17. "Diagnosis Procedure \(Component diagnosis\)".](#)
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

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

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

YES >> Refer to [SRC-138, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182793

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 connection normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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.

Are the malfunctions corrected?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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

< COMPONENT DIAGNOSIS >

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

Description

INFOID:000000001182794

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 watches 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 of both for frontal collision and for side collision 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:000000001182795

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	DIAGNOSIS SENSOR UNIT	Diagnosis sensor unit is out of order.	<ul style="list-style-type: none">Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "DIAGNOSIS SENSOR UNIT" displayed on CONSULT-III?

- YES >> Refer to [SRC-19. "Diagnosis Procedure \(Component diagnosis\)".](#)
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

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

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

YES >> Refer to [SRC-138, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182796

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 connection normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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.

Are the malfunctions corrected?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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SRC

B1023 PASS A/B INDCTR CKT

< COMPONENT DIAGNOSIS >

B1023 PASS A/B INDCTR CKT

Description

INFOID:000000001182797

DTC B1023 PASS A/B INDCTR CKT

It is possible to suppress the deployment of passenger air bag by turning to OFF position the deactivation switch. Passenger air bag cut-off indicator illuminates when the deactivation switch is turned to the OFF position. In case of malfunction the blinking of the SRS air bag warning lamp tells the trouble to driver and by the on board self-diagnosis system or electro diagnosis tester CONSULT-III can detects the cause.

OPERATION

Passenger air bag cut-off indicator illuminates when the deactivation switch is turned to the OFF position.-

STRUCTURE

Passenger air bag cut-off indicator with LED illumination.

INSTALLATION

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

DTC Logic

INFOID:000000001182798

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 indicator circuit is open or shorted to ground or the circuits are shorted each other.	<ul style="list-style-type: none">• Disconnection of wiring harness.• Internal breakdown in passenger air bag cut-off indicator unit.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "CUT-OFF INDICATOR" displayed on CONSULT-III?

- YES >> Refer to [SRC-21, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1023 PASS A/B INDCTR CKT

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP-

Check the warning lamp status?

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182799

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK PASSENGER AIR BAG INDICATOR

1. Replace passenger air bag cut-off indicator.
2. Check the screen of CONSULT-III.

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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SRC

B1024 PASS A/B DEACT SW

< COMPONENT DIAGNOSIS >

B1024 PASS A/B DEACT SW

Description

INFOID:000000001182800

DTC B1024 PASS A/B DEACT SW

It is possible to suppress the deployment of passenger air bag by turning to OFF position the deactivation switch. Passenger air bag cut-off indicator illuminates when the deactivation switch is turned to the OFF position. In case of malfunction the blinking of the SRS air bag warning lamp tells the trouble to driver and by the on board self-diagnosis system or electro diagnosis tester CONSULT-III can detects the cause.

OPERATION

Passenger air bag cut-off indicator illuminates when the deactivation switch is turned to the OFF position.

STRUCTURE

Deactivation switch controls passenger air bag module deployments ON/OFF operation.

INSTALLATION

Passenger air bag deactivation switch is installed at the instrument panel side.

DTC Logic

INFOID:000000001182801

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
B1024	PASS A/B DEACT SW [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 deactivation switch.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "AIR BAG DEACT SWITCH" displayed on CONSULT-III?

- YES >> Refer to [SRC-21, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1024 PASS A/B DEACT SW

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP-

Check the warning lamp status?

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182802

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK PASSENGER AIR BAG DEACT SW

1. Replace passenger air bag deactivation switch.
2. Check the screen of CONSULT-III.

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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SRC

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

< COMPONENT DIAGNOSIS >

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

Description

INFOID:000000001182803

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 watches 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 of both for frontal collision and for side collision 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:000000001182804

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	DIAGNOSIS SENSOR UNIT	Diagnosis sensor unit is out of order.	<ul style="list-style-type: none">Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "DIAGNOSIS SENSOR UNIT" displayed on CONSULT-III?

- YES >> Refer to [SRC-25. "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

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

< COMPONENT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

YES >> Refer to [SRC-138, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182805

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 connection normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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.

Are the malfunctions corrected?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1033, B1034 CRASH ZONE SEN

< COMPONENT DIAGNOSIS >

B1033, B1034 CRASH ZONE SEN

Description

INFOID:000000001182806

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 feed 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:000000001182807

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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "CRASH ZONE SENSOR" displayed on CONSULT-III?

- YES >> Refer to [SRC-27, "Diagnosis Procedure \(Component diagnosis\)".](#)
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1033, B1034 CRASH ZONE SEN

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182808

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK CRASH ZONE SENSOR

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1035 CRASH ZONE SEN

< COMPONENT DIAGNOSIS >

B1035 CRASH ZONE SEN

Description

INFOID:000000001182809

DTC B1035 [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 feed 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:000000001182810

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.• Internal breakdown in crash zone sensor.• Internal breakdown in diagnosis sensor unit.

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "CRASH ZONE SENSOR" displayed on CONSULT-III?

- YES >> Refer to [SRC-29, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1035 CRASH ZONE SEN

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182811

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK CRASH ZONE SENSOR

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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

< COMPONENT DIAGNOSIS >

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

Description

INFOID:000000001182812

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 watches 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 of both for frontal collision and for side collision 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:000000001182813

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	DIAGNOSIS SENSOR UNIT	Diagnosis sensor unit is out of order.	<ul style="list-style-type: none">Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "DIAGNOSIS SENSOR UNIT" displayed on CONSULT-III?

- YES >> Refer to [SRC-31, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

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

< COMPONENT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

YES >> Refer to [SRC-138, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182814

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 connection normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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.

Are the malfunctions corrected?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1049, B1054 DRIVER AIRBAG MODULE

< COMPONENT DIAGNOSIS >

B1049, B1054 DRIVER AIRBAG MODULE

Description

INFOID:000000001182815

DTC B1049, B1054 [OPEN] DRIVER AIRBAG MODULE

For driver "AIR BAG", 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

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 retaining clips.

DTC Logic

INFOID:000000001182816

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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "DRIVER AIR BAG" displayed on CONSULT-III?

- YES >> Refer to [SRC-33, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1049, B1054 DRIVER AIRBAG MODULE

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182817

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK DRIVER AIR BAG

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

Are the malfunctions corrected?

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

4.CHECK SPIRAL CABLE

Check continuity of spiral cable.

Is continuity of spiral cable good?

- YES >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).
NO >> Replace spiral cable.

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SRC

B1050, B1055 DRIVER AIRBAG MODULE

< COMPONENT DIAGNOSIS >

B1050, B1055 DRIVER AIRBAG MODULE

Description

INFOID:000000001182818

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

For driver "AIR BAG", 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

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 retaining clips.

DTC Logic

INFOID:000000001182819

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
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "DRIVER AIR BAG" displayed on CONSULT-III?

- YES >> Refer to [SRC-35, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1050, B1055 DRIVER AIRBAG MODULE

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182820

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK DRIVER AIR BAG

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

Are the malfunctions corrected?

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

4.CHECK SPIRAL CABLE

Check continuity of spiral cable.

Is continuity of spiral cable good?

- YES >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).
NO >> Replace spiral cable.

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B1051, B1056 DRIVER AIRBAG MODULE

< COMPONENT DIAGNOSIS >

B1051, B1056 DRIVER AIRBAG MODULE

Description

INFOID:000000001182821

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

For driver "AIR BAG", 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

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 retaining clips.

DTC Logic

INFOID:000000001182822

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">• Disconnections 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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "DRIVER AIR BAG" displayed on CONSULT-III?

- YES >> Refer to [SRC-37, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1051, B1056 DRIVER AIRBAG MODULE

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182823

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK DRIVER AIR BAG

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

Are the malfunctions corrected?

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

4.CHECK SPIRAL CABLE

Check continuity of spiral cable.

Is continuity of spiral cable good?

- YES >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).
NO >> Replace spiral cable.

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B1052, B1057 DRIVER AIRBAG MODULE

< COMPONENT DIAGNOSIS >

B1052, B1057 DRIVER AIRBAG MODULE

Description

INFOID:000000001182824

DTC B1052, B1057 [SHORT] DRIVER AIRBAG MODULE

For driver "AIR BAG", 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

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 retaining clips.

DTC Logic

INFOID:000000001182825

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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "DRIVER AIR BAG" displayed on CONSULT-III?

- YES >> Refer to [SRC-39, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1052, B1057 DRIVER AIRBAG MODULE

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182826

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK DRIVER AIR BAG

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

Are the malfunctions corrected?

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

4.CHECK SPIRAL CABLE

Check continuity of spiral cable.

Is continuity of spiral cable good?

- YES >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).
NO >> Replace spiral cable.

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SRC

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

< COMPONENT DIAGNOSIS >

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

Description

INFOID:000000001182827

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 watches 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 of both for frontal collision and for side collision 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:000000001182828

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	DIAGNOSIS SENSOR UNIT	Diagnosis sensor unit is out of order.	• Disconnection of diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "DIAGNOSIS SENSOR UNIT" displayed on CONSULT-III?

- YES >> Refer to [SRC-41. "Diagnosis Procedure \(Component diagnosis\)".](#)
- 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.IGNITION SWITCH

Turn ignition switch ON.

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

< COMPONENT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

YES >> Refer to [SRC-138, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182829

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 connection normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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.

Are the malfunctions corrected?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1065, B1070 ASSIST A/B MODULE

< COMPONENT DIAGNOSIS >

B1065, B1070 ASSIST A/B MODULE

Description

INFOID:000000001182830

DTC B1065, B1070 [OPEN] ASSIST A/B MODULE

For passenger "AIR BAG", 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

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:000000001182831

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 airbag module.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "PASSENGER AIR BAG" displayed on CONSULT-III?

- YES >> Refer to [SRC-43, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1065, B1070 ASSIST A/B MODULE

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182832

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK PASSENGER AIR BAG

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1066, B1071 ASSIST A/B MODULE

< COMPONENT DIAGNOSIS >

B1066, B1071 ASSIST A/B MODULE

Description

INFOID:000000001182833

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

For front passenger "AIR BAG", 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

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:000000001182834

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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "PASSENGER AIR BAG" displayed on CONSULT-III?

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

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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1066, B1071 ASSIST A/B MODULE

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182835

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK PASSENGER AIR BAG

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1067, B1072 ASSIST A/B MODULE

< COMPONENT DIAGNOSIS >

B1067, B1072 ASSIST A/B MODULE

Description

INFOID:000000001182836

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

For front passenger "AIR BAG", 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

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:000000001182837

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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "PASSENGER AIR BAG" displayed on CONSULT-III?

- YES >> Refer to [SRC-47, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1067, B1072 ASSIST A/B MODULE

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182838

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK PASSENGER AIR BAG

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1068, B1073 ASSIST A/B MODULE

< COMPONENT DIAGNOSIS >

B1068, B1073 ASSIST A/B MODULE

Description

INFOID:000000001182839

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

For front passenger "AIR BAG", 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

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:000000001182840

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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "PASSENGER AIR BAG" displayed on CONSULT-III?

- YES >> Refer to [SRC-49, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1068, B1073 ASSIST A/B MODULE

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182841

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK PASSENGER AIR BAG

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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SRC

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

< COMPONENT DIAGNOSIS >

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

Description

INFOID:000000001182842

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 watches 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 of both for frontal collision and for side collision 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:000000001182843

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	DIAGNOSIS SENSOR UNIT	Diagnosis sensor unit is out of order.	<ul style="list-style-type: none">Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "DIAGNOSIS SENSOR UNIT" displayed on CONSULT-III?

- YES >> Refer to [SRC-51, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

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

< COMPONENT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

YES >> Refer to [SRC-138, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182844

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 connection normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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.

Are the malfunctions corrected?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1081 PRE-TEN FRONT RH

< COMPONENT DIAGNOSIS >

B1081 PRE-TEN FRONT RH

Description

INFOID:000000001182845

DTC B1081 [OPEN] PRE-TEN FRONT RH

For 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

Seat belt pre-tensioner is installed on the under side of center pillar with fixed nuts.

DTC Logic

INFOID:000000001182846

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 pretensioner 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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SEAT BELT PRE-TENSIONER" displayed on CONSULT-III?

- YES >> Refer to [SRC-53. "Diagnosis Procedure \(Component diagnosis\)".](#)
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.IGNITION SWITCH

Turn ignition switch ON.

B1081 PRE-TEN FRONT RH

< COMPONENT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182847

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK PRE-TENSIONER SEAT BELT

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1082 PRE-TEN FRONT RH

< COMPONENT DIAGNOSIS >

B1082 PRE-TEN FRONT RH

Description

INFOID:000000001182848

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

For 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

Seat belt pre-tensioner is installed on the under side of center pillar with fixed nuts.

DTC Logic

INFOID:000000001182849

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 pretensioner 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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SEAT BELT PRE-TENSIONER" displayed on CONSULT-III?

- YES >> Refer to [SRC-55. "Diagnosis Procedure \(Component diagnosis\)"](#)
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.IGNITION SWITCH

Turn ignition switch ON.

B1082 PRE-TEN FRONT RH

< COMPONENT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182850

With CONSULT-III

WARNING:

- **Befor 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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK PRE-TENSIONER SEAT BELT

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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SRC

B1083 PRE-TEN FRONT RH

< COMPONENT DIAGNOSIS >

B1083 PRE-TEN FRONT RH

Description

INFOID:000000001182851

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

For 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

Seat belt pre-tensioner is installed on the under side of center pillar with fixed nuts.

DTC Logic

INFOID:000000001182852

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 pretensioner 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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SEAT BELT PRE-TENSIONER" displayed on CONSULT-III?

- YES >> Refer to [SRC-57. "Diagnosis Procedure \(Component diagnosis\)".](#)
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.IGNITION SWITCH

Turn ignition switch ON.

B1083 PRE-TEN FRONT RH

< COMPONENT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182853

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK PRE-TENSIONER SEAT BELT

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1084 PRE-TEN FRONT RH

< COMPONENT DIAGNOSIS >

B1084 PRE-TEN FRONT RH

Description

INFOID:000000001182854

DTC B1084 [SHORT] PRE-TEN FRONT RH

For 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

Seat belt pre-tensioner is installed on the under side of center pillar with fixed nuts.

DTC Logic

INFOID:000000001182855

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 pretensioner 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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SEAT BELT PRE-TENSIONER" displayed on CONSULT-III?

- YES >> Refer to [SRC-59. "Diagnosis Procedure \(Component diagnosis\)".](#)
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.IGNITION SWITCH

Turn ignition switch ON.

B1084 PRE-TEN FRONT RH

< COMPONENT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

YES >> Refer to [SRC-138, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182856

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 connection normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK PRE-TENSIONER SEAT BELT

1. Replace front RH seat belt pre-tensioner.

2. Check the screen of CONSULT-III.

Are the malfunctions corrected?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1086 PRE-TEN FRONT LH

< COMPONENT DIAGNOSIS >

B1086 PRE-TEN FRONT LH

Description

INFOID:000000001182857

DTC B1086 [OPEN] PRE-TEN FRONT LH

For 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

Seat belt pre-tensioner is installed on the under side of center pillar with fixed nuts.

DTC Logic

INFOID:000000001182858

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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SEAT BELT PRE-TENSIONER" displayed on CONSULT-III?

- YES >> Refer to [SRC-61, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

B1086 PRE-TEN FRONT LH

< COMPONENT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182859

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK PRE-TENSIONER SEAT BELT

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1087 PRE-TEN FRONT LH

< COMPONENT DIAGNOSIS >

B1087 PRE-TEN FRONT LH

Description

INFOID:000000001182860

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

For 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

Seat belt pre-tensioner is installed on the under side of center pillar with fixed nuts.

DTC Logic

INFOID:000000001182861

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 pretensioner 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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SEAT BELT PRE-TENSIONER" displayed on CONSULT-III?

- YES >> Refer to [SRC-63. "Diagnosis Procedure \(Component diagnosis\)".](#)
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.IGNITION SWITCH

Turn ignition switch ON.

B1087 PRE-TEN FRONT LH

< COMPONENT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

YES >> Refer to [SRC-138, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182862

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 connection normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK PRE-TENSIONER SEAT BELT

1. Replace front LH seat belt pre-tensioner.

2. Check the screen of CONSULT-III.

Are the malfunctions corrected?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1088 PRE-TEN FRONT LH

< COMPONENT DIAGNOSIS >

B1088 PRE-TEN FRONT LH

Description

INFOID:000000001182863

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

For 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

Seat belt pre-tensioner is installed on the under side of center pillar with fixed nuts.

DTC Logic

INFOID:000000001182864

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 pretensioner 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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SEAT BELT PRE-TENSIONER" displayed on CONSULT-III?

- YES >> Refer to [SRC-65. "Diagnosis Procedure \(Component diagnosis\)".](#)
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.IGNITION SWITCH

Turn ignition switch ON.

B1088 PRE-TEN FRONT LH

< COMPONENT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

YES >> Refer to [SRC-138, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182865

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 connection normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK PRE-TENSIONER SEAT BELT

1. Replace front LH seat belt pre-tensioner.

2. Check the screen of CONSULT-III.

Are the malfunctions corrected?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1089 PRE-TEN FRONT LH

< COMPONENT DIAGNOSIS >

B1089 PRE-TEN FRONT LH

Description

INFOID:000000001182866

DTC B1089 [SHORT] PRE-TEN FRONT LH

For 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

Seat belt pre-tensioner is installed on the under side of center pillar with fixed nuts.

DTC Logic

INFOID:000000001182867

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 pretensioner 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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SEAT BELT PRE-TENSIONER" displayed on CONSULT-III?

- YES >> Refer to [SRC-39. "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

B1089 PRE-TEN FRONT LH

< COMPONENT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182868

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK PRE-TENSIONER SEAT BELT

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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

< COMPONENT DIAGNOSIS >

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

Description

INFOID:000000001182869

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 watches 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 of both for frontal collision and for side collision 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:000000001182870

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	DIAGNOSIS SENSOR UNIT	Diagnosis sensor unit is out of order.	<ul style="list-style-type: none">Disconnection of diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "DIAGNOSIS SENSOR UNIT" displayed on CONSULT-III?

- YES >> Refer to [SRC-69. "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

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

< COMPONENT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

YES >> Refer to [SRC-138, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182871

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 connection normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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.

Are the malfunctions corrected?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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SRC

B1113, B1114 SATELLITE SENS RH

< COMPONENT DIAGNOSIS >

B1113, B1114 SATELLITE SENS RH

Description

INFOID:000000001182872

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 feed 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

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

DTC Logic

INFOID:000000001182873

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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SATELLITE SENSOR" displayed on CONSULT-III?

- YES >> Refer to [SRC-71, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1113, B1114 SATELLITE SENS RH

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182874

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK SATELLITE SENSOR

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1115 SATELLITE SENS RH

< COMPONENT DIAGNOSIS >

B1115 SATELLITE SENS RH

Description

INFOID:000000001182875

DTC B1115 [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 feed 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

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

DTC Logic

INFOID:000000001182876

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	SATELLITE SENS RH [COMM 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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SATELLITE SENSOR" displayed on CONSULT-III?

- YES >> Refer to [SRC-73, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1115 SATELLITE SENS RH

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182877

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK SATELLITE SENSOR

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1118, B1119 SATELLITE SENS LH

< COMPONENT DIAGNOSIS >

B1118, B1119 SATELLITE SENS LH

Description

INFOID:000000001182878

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 feed 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 out put terminals for signal voltage.

INSTALLATION

Satellite sensor is installed at the under side of center pillar with fixed nuts.

DTC Logic

INFOID:000000001182879

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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SATELLITE SENSOR" displayed on CONSULT-III?

- YES >> Refer to [SRC-75, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1118, B1119 SATELLITE SENS LH

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182880

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK SATELLITE SENSOR

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1120 SATELLITE SENS LH

< COMPONENT DIAGNOSIS >

B1120 SATELLITE SENS LH

Description

INFOID:000000001182881

DTC B1120 [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 feed 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

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

DTC Logic

INFOID:000000001182882

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	SATELLITE SENS LH [COMM FAIL]	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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SATELLITE SENSOR" displayed on CONSULT-III?

- YES >> Refer to [SRC-39, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1120 SATELLITE SENS LH

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182883

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK SATELLITE SENSOR

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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

< COMPONENT DIAGNOSIS >

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

Description

INFOID:000000001182884

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 watches 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 of both for frontal collision and for side collision 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:000000001182885

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	DIAGNOSIS SENSOR UNIT	Diagnosis sensor unit is out of order.	<ul style="list-style-type: none">Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "DIAGNOSIS SENSOR UNIT" displayed on CONSULT-III?

- YES >> Refer to [SRC-79. "Diagnosis Procedure \(Component diagnosis\)"](#).
- 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.IGNITION SWITCH

Turn ignition switch ON.

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

< COMPONENT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

YES >> Refer to [SRC-138, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182886

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 connection normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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.

Are the malfunctions corrected?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1129 SIDE MODULE RH

< COMPONENT DIAGNOSIS >

B1129 SIDE MODULE RH

Description

INFOID:000000001182887

DTC B1129 [OPEN] SIDE MODULE RH

For side air bag, 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 side air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

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

DTC Logic

INFOID:000000001182888

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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SIDE AIR BAG" displayed on CONSULT-III?

- YES >> Refer to [SRC-81, "Diagnosis Procedure \(Component diagnosis\)"](#).
- 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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1129 SIDE MODULE RH

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182889

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK SIDE AIR BAG

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1130 SIDE MODULE RH

< COMPONENT DIAGNOSIS >

B1130 SIDE MODULE RH

Description

INFOID:000000001182890

DTC B1130 [VB-SHORT] SIDE MODULE RH

For side air bag, 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 side air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

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

DTC Logic

INFOID:000000001182891

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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SIDE AIR BAG" displayed on CONSULT-III?

- YES >> Refer to [SRC-83, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1130 SIDE MODULE RH

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182892

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK SIDE AIR BAG

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1131 SIDE MODULE RH

< COMPONENT DIAGNOSIS >

B1131 SIDE MODULE RH

Description

INFOID:000000001182893

DTC B1131 [GND-SHORT] SIDE MODULE RH

For side air bag, 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 side air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

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

DTC Logic

INFOID:000000001182894

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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SIDE AIR BAG" displayed on CONSULT-III?

- YES >> Refer to [SRC-85, "Diagnosis Procedure \(Component diagnosis\)"](#).
- 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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1131 SIDE MODULE RH

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182895

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK SIDE AIR BAG

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1132 SIDE MODULE RH

< COMPONENT DIAGNOSIS >

B1132 SIDE MODULE RH

Description

INFOID:000000001182896

DTC B1132 [SHORT] SIDE MODULE RH

For side air bag, 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 side air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

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

DTC Logic

INFOID:000000001182897

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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SIDE AIR BAG" displayed on CONSULT-III?

- YES >> Refer to [SRC-87, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1132 SIDE MODULE RH

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182898

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK SIDE AIR BAG

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1134 SIDE MODULE LH

< COMPONENT DIAGNOSIS >

B1134 SIDE MODULE LH

Description

INFOID:000000001182899

DTC B1134 [OPEN] SIDE MODULE LH

For side air bag, 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 side air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

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

DTC Logic

INFOID:000000001182900

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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SIDE AIR BAG" displayed on CONSULT-III?

- YES >> Refer to [SRC-89, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1134 SIDE MODULE LH

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182901

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK SIDE AIR BAG

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1135 SIDE MODULE LH

< COMPONENT DIAGNOSIS >

B1135 SIDE MODULE LH

Description

INFOID:000000001182902

DTC B1135 [VB-SHORT] SIDE MODULE LH

For side air bag, 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 side air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

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

DTC Logic

INFOID:000000001182903

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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SIDE AIR BAG" displayed on CONSULT-III?

- YES >> Refer to [SRC-91, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1135 SIDE MODULE LH

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182904

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK SIDE AIR BAG

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1136 SIDE MODULE LH

< COMPONENT DIAGNOSIS >

B1136 SIDE MODULE LH

Description

INFOID:000000001182905

DTC B1136 [GND-SHORT] SIDE MODULE LH

For side air bag, 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 side air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

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

DTC Logic

INFOID:000000001182906

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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SIDE AIR BAG" displayed on CONSULT-III?

- YES >> Refer to [SRC-93, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1136 SIDE MODULE LH

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182907

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK SIDE AIR BAG

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1137 SIDE MODULE LH

< COMPONENT DIAGNOSIS >

B1137 SIDE MODULE LH

Description

INFOID:000000001182908

DTC B1137 [SHORT] SIDE MODULE LH

For side air bag, 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 side air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

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

DTC Logic

INFOID:000000001182909

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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SIDE AIR BAG" displayed on CONSULT-III?

- YES >> Refer to [SRC-95, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1137 SIDE MODULE LH

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182910

With CONSULT-III

WARNING:

- Befor 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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK SIDE AIR BAG

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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

< COMPONENT DIAGNOSIS >

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

Description

INFOID:000000001182911

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 watches 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 of both for frontal collision and for side collision 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:000000001182912

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	DIAGNOSIS SENSOR UNIT	Diagnosis sensor unit is out of order.	<ul style="list-style-type: none">Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "DIAGNOSIS SENSOR UNIT" on CONSULT-III?

- YES >> Refer to [SRC-97. "Diagnosis Procedure \(Component diagnosis\)"](#).
- 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.IGNITION SWITCH

Turn ignition switch ON.

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

< COMPONENT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

YES >> Refer to [SRC-138, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182913

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 connection normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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.

Are the malfunctions corrected?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1145 CURTAIN MODULE RH

< COMPONENT DIAGNOSIS >

B1145 CURTAIN MODULE RH

Description

INFOID:000000001182914

DTC B1145 [OPEN] CURTAIN MODULE RH

For curtain air bag, 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

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

INSTALLATION

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

DTC Logic

INFOID:000000001182915

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 curtain air bag module circuit is open.	<ul style="list-style-type: none">• Disconnection of wiring harness and open.• Internal breakdown in RH curtain air bag module.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "CURTAIN AIR BAG" displayed on CONSULT-III?

- YES >> Refer to [SRC-99, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1145 CURTAIN MODULE RH

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182916

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK CURTAIN AIR BAG

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1146 CURTAIN MODULE RH

< COMPONENT DIAGNOSIS >

B1146 CURTAIN MODULE RH

Description

INFOID:000000001182917

DTC B1146 [VB-SHORT] CURTAIN MODULE RH

For curtain air bag, 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

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

INSTALLATION

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

DTC Logic

INFOID:000000001182918

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 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 curtain air bag module.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "CURTAIN AIR BAG" displayed on CONSULT-III?

- YES >> Refer to [SRC-101, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1146 CURTAIN MODULE RH

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182919

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK CURTAIN AIR BAG

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1147 CURTAIN MODULE RH

< COMPONENT DIAGNOSIS >

B1147 CURTAIN MODULE RH

Description

INFOID:000000001182920

DTC B1147 [GND-SHORT] CURTAIN MODULE RH

For curtain air bag, 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

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

INSTALLATION

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

DTC Logic

INFOID:000000001182921

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 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 curtain air bag module.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "CURTAIN AIR BAG" displayed on CONSULT-III?

- YES >> Refer to [SRC-103, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1147 CURTAIN MODULE RH

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182922

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK CURTAIN AIR BAG

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1148 CURTAIN MODULE RH

< COMPONENT DIAGNOSIS >

B1148 CURTAIN MODULE RH

Description

INFOID:000000001182923

DTC B1148 [SHORT] CURTAIN MODULE RH

For curtain air bag, 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

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

INSTALLATION

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

DTC Logic

INFOID:000000001182924

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 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 curtain air bag module.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "CURTAIN AIR BAG" displayed on CONSULT-III?

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

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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1148 CURTAIN MODULE RH

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182925

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK CURTAIN AIR BAG

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1150 CURTAIN MODULE LH

< COMPONENT DIAGNOSIS >

B1150 CURTAIN MODULE LH

Description

INFOID:000000001182926

DTC B1150 [OPEN] CURTAIN MODULE LH

For curtain air bag, 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

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

INSTALLATION

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

DTC Logic

INFOID:000000001182927

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 curtain air bag module circuit is open.	<ul style="list-style-type: none">• Disconnection of wiring harness and open.• Internal breakdown in LH curtain air bag module.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "CURTAIN AIR BAG" displayed on CONSULT-III?

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

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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1150 CURTAIN MODULE LH

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182928

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK CURTAIN AIR BAG

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1151 CURTAIN MODULE LH

< COMPONENT DIAGNOSIS >

B1151 CURTAIN MODULE LH

Description

INFOID:000000001182929

DTC B1151 [VB-SHORT] CURTAIN MODULE LH

For curtain air bag, 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

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

INSTALLATION

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

DTC Logic

INFOID:000000001182930

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 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 curtain air bag module.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "CURTAIN AIR BAG" displayed on CONSULT-III?

- YES >> Refer to [SRC-109, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1151 CURTAIN MODULE LH

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182931

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK CURTAIN AIR BAG

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1152 CURTAIN MODULE LH

< COMPONENT DIAGNOSIS >

B1152 CURTAIN MODULE LH

Description

INFOID:000000001182932

DTC B1152 [GND-SHORT] CURTAIN MODULE LH

For curtain air bag, 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

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

INSTALLATION

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

DTC Logic

INFOID:000000001182933

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 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 curtain air-bag module.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "CURTAIN AIR BAG" displayed on CONSULT-III?

- YES >> Refer to [SRC-111, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1152 CURTAIN MODULE LH

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182934

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK CURTAIN AIR BAG

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1153 CURTAIN MODULE LH

< COMPONENT DIAGNOSIS >

B1153 CURTAIN MODULE LH

Description

INFOID:000000001182935

DTC B1153 [SHORT] CURTAIN MODULE LH

For curtain air bag, 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

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

INSTALLATION

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

DTC Logic

INFOID:000000001182936

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 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 curtain air bag module.• Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "CURTAIN AIR BAG" displayed on CONSULT-III?

- YES >> Refer to [SRC-113, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

B1153 CURTAIN MODULE LH

< COMPONENT DIAGNOSIS >

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182937

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK CURTAIN AIR BAG

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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

< COMPONENT DIAGNOSIS >

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

Description

INFOID:000000001182938

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 watches 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 of both for frontal collision and for side collision 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:000000001182939

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	DIAGNOSIS SENSOR UNIT	Diagnosis sensor unit is out of order.	<ul style="list-style-type: none">Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "DIAGNOSIS SENSOR UNIT" on CONSULT-III?

- YES >> Refer to [SRC-115, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

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

< COMPONENT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

YES >> Refer to [SRC-138, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182940

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 connection normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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.

Are the malfunctions corrected?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1177 PRE-TEN2 FRONT RH

< COMPONENT DIAGNOSIS >

B1177 PRE-TEN2 FRONT RH

Description

INFOID:000000001182941

DTC B1177 [OPEN] PRE-TEN 2 FRONT RH

For seat belt pre-tensioner 2, 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

Seat belt pre-tensioner 2 is installed on the under side of center pillar with fixed bolt.

DTC Logic

INFOID:000000001182942

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-TEN 2 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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SEAT BELT PRE-TENSIONER 2" displayed on CONSULT-III?

- YES >> Refer to [SRC-117, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

B1177 PRE-TEN2 FRONT RH

< COMPONENT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

YES >> Refer to [SRC-138, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182943

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 connection normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK SEAT BELT PRE-TENSIONER 2

1. Replace front RH seat belt pre-tensioner 2.

2. Check the screen of CONSULT-III.

Are the malfunctions corrected?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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SRC

B1178 PRE-TEN2 FRONT RH

< COMPONENT DIAGNOSIS >

B1178 PRE-TEN2 FRONT RH

Description

INFOID:000000001182944

DTC B1178 [VB-SHORT] PRE-TEN 2 FRONT RH

For seat belt pre-tensioner 2, 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

Seat belt pre-tensioner 2 is installed on the under side of center pillar with fixed bolt.

DTC Logic

INFOID:000000001182945

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-TEN 2 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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SEAT BELT PRE-TENSIONER 2" displayed on CONSULT-III?

- YES >> Refer to [SRC-119, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

B1178 PRE-TEN2 FRONT RH

< COMPONENT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182946

With CONSULT-III

WARNING:

- **Befor 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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK SEAT BELT PRE-TENSIONER 2

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1179 PRE-TEN2 FRONT RH

< COMPONENT DIAGNOSIS >

B1179 PRE-TEN2 FRONT RH

Description

INFOID:000000001182947

DTC B1179 [GND-SHORT] PRE-TEN2 FRONT RH

For seat belt pre-tensioner2, 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

Seat belt pre-tensioner2 is installed on the under side of center pillar with fixed bolt.

DTC Logic

INFOID:000000001182948

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-TEN 2 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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SEAT BELT PRE-TENSIONER 2" displayed on CONSULT-III?

- YES >> Refer to [SRC-121, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

B1179 PRE-TEN2 FRONT RH

< COMPONENT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

YES >> Refer to [SRC-138, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182949

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 connection normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK SEAT BELT PRE-TENSIONER 2

1. Replace front RH seat belt pre-tensioner 2.

2. Check the screen of CONSULT-III.

Are the malfunctions corrected?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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SRC

B1180 PRE-TEN2 FRONT RH

< COMPONENT DIAGNOSIS >

B1180 PRE-TEN2 FRONT RH

Description

INFOID:000000001182950

DTC B1180 [SHORT] PRE-TEN 2 FRONT RH

For seat belt pre-tensioner 2, 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

Seat belt pre-tensioner 2 is installed on the under side of center pillar with fixed bolt.

DTC Logic

INFOID:000000001182951

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-TEN 2 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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SEAT BELT PRE-TENSIONER 2" displayed on CONSULT-III?

- YES >> Refer to [SRC-123. "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

B1180 PRE-TEN2 FRONT RH

< COMPONENT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

YES >> Refer to [SRC-138, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182952

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 connection normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK SEAT BELT PRE-TENSIONER 2

1. Replace front RH seat belt pre-tensioner 2.

2. Check the screen of CONSULT-III.

Are the malfunctions corrected?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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SRC

B1182 PRE-TEN2 FRONT LH

< COMPONENT DIAGNOSIS >

B1182 PRE-TEN2 FRONT LH

Description

INFOID:000000001182953

DTC B1182 [OPEN] PRE-TEN 2 FRONT LH

For seat belt pre-tensioner 2, 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

Seat belt pre-tensioner 2 is installed on the under side of center pillar with fixed bolt.

DTC Logic

INFOID:000000001182954

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-TEN 2 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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SEAT BELT PRE-TENSIONER 2" displayed on CONSULT-III?

- YES >> Refer to [SRC-125. "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

B1182 PRE-TEN2 FRONT LH

< COMPONENT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

YES >> Refer to [SRC-138, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182955

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 connection normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK SEAT BELT PRE-TENSIONER 2

1. Replace front LH seat belt pre-tensioner 2.

2. Check the screen of CONSULT-III.

Are the malfunctions corrected?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1183 PRE-TEN2 FRONT LH

< COMPONENT DIAGNOSIS >

B1183 PRE-TEN2 FRONT LH

Description

INFOID:000000001182956

DTC B1183 [VB-SHORT] PRE-TEN 2 FRONT LH

For seat belt pre-tensioner 2, 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

Seat belt pre-tensioner 2 is installed on the under side of center pillar with fixed bolt.

DTC Logic

INFOID:000000001182957

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-TEN 2 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.• Replace diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SEAT BELT PRE-TENSIONER 2" displayed on CONSULT-III?

- YES >> Refer to [SRC-127. "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

B1183 PRE-TEN2 FRONT LH

< COMPONENT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

YES >> Refer to [SRC-138, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182958

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 connection normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK SEAT BELT PRE-TENSIONER 2

1. Replace front LH seat belt pre-tensioner 2.

2. Check the screen of CONSULT-III.

Are the malfunctions corrected?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1184 PRE-TEN2 FRONT LH

< COMPONENT DIAGNOSIS >

B1184 PRE-TEN2 FRONT LH

Description

INFOID:000000001182959

DTC B1184 [GND-SHORT] PRE-TEN 2 FRONT LH

For seat belt pre-tensioner 2, 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

Seat belt pre-tensioner 2 is installed on the under side of center pillar with fixed bolt.

DTC Logic

INFOID:000000001182960

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-TEN 2 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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SEAT BELT PRE-TENSIONER 2" displayed on CONSULT-III?

- YES >> Refer to [SRC-129. "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

B1184 PRE-TEN2 FRONT LH

< COMPONENT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

YES >> Refer to [SRC-138, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182961

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 connection normal?

YES >> GO TO 2.

NO >> Repair or replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK SEAT BELT PRE-TENSIONER 2

1. Replace front LH seat belt pre-tensioner 2.

2. Check the screen of CONSULT-III.

Are the malfunctions corrected?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1185 PRE-TEN2 FRONT LH

< COMPONENT DIAGNOSIS >

B1185 PRE-TEN2 FRONT LH

Description

INFOID:000000001182962

DTC B1185 [SHORT] PRE-TEN 2 FRONT LH

For seat belt pre-tensioner 2, 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

Seat belt pre-tensioner 2 is installed on the under side of center pillar with fixed bolt.

DTC Logic

INFOID:000000001182963

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-TEN 2 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.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SEAT BELT PRE-TENSIONER 2" displayed on CONSULT-III?

- YES >> Refer to [SRC-131, "Diagnosis Procedure \(Component diagnosis\)"](#).
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.IGNITION SWITCH

Turn ignition switch ON.

B1185 PRE-TEN2 FRONT LH

< COMPONENT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

- YES >> Refer to [SRC-138, "DTC Index"](#).
NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182964

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 connection normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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

3.CHECK SEAT BELT PRE-TENSIONER 2

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

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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

< COMPONENT DIAGNOSIS >

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

Description

INFOID:000000001182965

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 watches 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 of both for frontal collision and for side collision 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:000000001182966

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	DIAGNOSIS SENSOR UNIT	Diagnosis sensor unit is out of order.	<ul style="list-style-type: none">Internal breakdown in diagnosis sensor unit (ACU).

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "DIAGNOSIS SENSOR UNIT" displayed on CONSULT-III?

- YES >> Refer to [SRC-133. "Diagnosis Procedure \(Component diagnosis\)".](#)
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.IGNITION SWITCH

Turn ignition switch ON.

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

< COMPONENT DIAGNOSIS >

>> GO TO 2.

2.CHECK AIR BAG WARNING LAMP

Check the warning lamp status.

Is the warning lamp blinking?

YES >> Refer to [SRC-138, "DTC Index"](#).

NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182967

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 connection normal?

YES >> GO TO 2.

NO >> Repair or replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Are the harness external parts normal (no damage)?

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.

Are the malfunctions corrected?

YES >> **INSPECTION END.**

NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1209 FRONTAL COLLISION DETECTION

< COMPONENT DIAGNOSIS >

B1209 FRONTAL COLLISION DETECTION

Description

INFOID:000000001182968

DTC B1209 FRONTAL COLLISION DETECTION

If the components that are not activated in frontal collision are reused, they should be checked for damage by CONSULT-III or air bag warning lamp. Repair or replace malfunctioning components.

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 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 drivers and front passenger.

INSTALLATION

Refer to [SR-14, "Removal and Installation"](#), [SR-16, "Removal and Installation"](#), [SR-4, "Removal and Installation"](#), [SR-8, "Removal and Installation"](#), [SR-18, "Removal and Installation"](#).

DTC Logic

INFOID:000000001182969

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	Seat belt pre-tensioner, front air bag is deployed.	--

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1. IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2. CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SEAT BELT PRE-TENSIONER" and "FRONT AIR BAG" displayed on CONSULT-III?

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

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182970

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 FRONT AIR BAG

B1209 FRONTAL COLLISION DETECTION

< COMPONENT DIAGNOSIS >

Check for front air bag.

Is the "DRIVER AIR BAG" module and/or "PASSENGER AIR BAG" module deployed?

- YES >> Replace front air bag module and/or Instrument panel .
- NO >> GO TO 2.

2.CHECK SEAT BELT PRE-TENSIONER

Check for seat belt pre-tensioner.

Is the "SEAT BELT PRE-TENSIONER" activated?

- YES >> Replace seat belt pre-tensioner.
- NO >> GO TO 3.

3.CHECK DIAGNOSIS SENSOR UNIT

Check for diagnosis sensor unit.

Is the "FRONT AIR BAG" module and/or "SEAT BELT PRE-TENSIONER" -activated?

- YES >> Replace diagnosis sensor unit (ACU).
- NO >> GO TO 4.

4.CHECK STEERING WHEEL

Check for steering wheel.

Is the "STEERING WHEEL" normal, without any damage?

- YES >> GO TO 5.
- NO >> Replace steering wheel.

5.CHECK SPIRAL CABLE

Check for spiral cable.

Is the "SPIRAL CABLE" normal, without excessive heavy operation force, abnormal noise or damage?

- YES >> GO TO 6.
- NO >> Replace spiral cable.

6.CHECK WIRING HARNESS

Check for wiring harness.

Is the "WIRING HARNESS" normal, without any damage?

- YES >> GO TO 7.
- NO >> Replace wiring harness or harness connector.

7.FINAL CHECK

Check the screen of CONSULT-III and/or Air bag warning lamp status.

Are the malfunctions corrected?

- YES >> **INSPECTION END.**
- NO >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).

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B1210 SIDE COLLISION DETECTION

< COMPONENT DIAGNOSIS >

B1210 SIDE COLLISION DETECTION

Description

INFOID:000000001182971

DTC B1210 SIDE COLLISION DETECTION

If the components that are not activated in side collision are reused, they should be checked for damage by CONSULT-III or air bag warning lamp. Repair or replace the malfunctioning parts.

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), side air bag and curtain air bag.

INSTALLATION

Refer to [SR-15. "Removal and Installation"](#), [SR-16. "Removal and Installation"](#), [SR-12. "Removal and Installation"](#). [SR-10. "Removal and Installation"](#).

DTC Logic

INFOID:000000001182972

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	Side, curtain air bag is deployed.	-

DTC CONFIRMATION PROCEDURE (With CONSULT-III)

1.IGNITION SWITCH

Turn ignition switch ON.

>> GO TO 2.

2.CHECK SELF-DIAG RESULT

Check the screen of CONSULT-III.

Is "SIDE AIR BAG" and/or "CURTAIN AIR BAG" displayed on CONSULT-III?

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

NO >> **INSPECTION END.**

Diagnosis Procedure (Component diagnosis)

INFOID:000000001182973

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 SIDE AIR BAG

Check for side air bag.

Is the "SIDE AIR BAG" module deployed?

B1210 SIDE COLLISION DETECTION

< COMPONENT DIAGNOSIS >

YES >> Replace side air bag module.
NO >> GO TO 2.

A

2.CHECK CURTAIN AIR BAG.

Check for curtain air bag.

B

Is the "CURTAIN AIR BAG" module activated?

YES >> Replace curtain air bag module.
NO >> GO TO 3.

C

3.CHECK SATELLITE SENSOR

Check for satellite sensor.

D

Is the "SIDE AIR BAG" module and/or "CURTAIN AIR BAG" module activated?

YES >> Replace satellite sensor.
NO >> GO TO 4.

E

4.CHECK DIAGNOSIS SENSOR UNIT

Check for diagnosis sensor unit.

F

Is the "SIDE AIR BAG" module and/or "CURTAIN AIR BAG" module activated?

YES >> Replace diagnosis sensor unit (ACU).
NO >> GO TO 5.

5.FINAL CHECK

G

Check the screen of CONSULT-III and/or Air bag warning lamp status.

Are the malfunctions corrected?

YES >> **INSPECTION END.**
NO >> Check the intermittent incident. Refer to [GI-39. "Intermittent Incident"](#).

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS >

ECU DIAGNOSIS

DIAGNOSIS SENSOR UNIT

DTC Index

INFOID:000000001182974

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. <ul style="list-style-type: none"> • Low battery voltage (Less than 9 V) • 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. 	<ul style="list-style-type: none"> • Go to SRC-10, "Diagnosis Description".
	<ul style="list-style-type: none"> • No malfunction is detected. 	—
DIAGNOSIS SENSOR UNIT (CONTROL UNIT) [B1001-B1015]	<ul style="list-style-type: none"> • Diagnosis sensor is out of order. 	<ul style="list-style-type: none"> • Replace diagnosis sensor unit (ACU).
PASS A/B INDCTR CKT [B1023]	<ul style="list-style-type: none"> • Front passenger air bag cut-off indicator circuit is open, or shorted each other or to ground. 	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace cut-off indicator unit. 4. Replace diagnosis sensor unit (ACU).
PASS A/B DEACT SW [B1024]	<ul style="list-style-type: none"> • Front passenger air bag deactivation switch unit is malfunctioning. 	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace deactivation switch unit. 4. Replace diagnosis sensor unit (ACU).
DIAGNOSIS SENSOR UNIT (CONTROL UNIT) [B1026-B1031]	<ul style="list-style-type: none"> • Diagnosis sensor is out of order. 	<ul style="list-style-type: none"> • Replace diagnosis sensor unit (ACU).
CRASH ZONE SEN [UNIT FAIL] [B1033] [B1034] CRASH ZONE SEN [COMM FAIL] [B1035]	<ul style="list-style-type: none"> • Crash zone sensor is out of order. 	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace crash zone sensor. 4. Replace diagnosis sensor unit (ACU).
DIAGNOSIS SENSOR UNIT (CONTROL UNIT) [B1042-B1047]	<ul style="list-style-type: none"> • Diagnosis sensor is out of order. 	<ul style="list-style-type: none"> • Replace diagnosis sensor unit (ACU).

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS >

Diagnostic item	Explanation	Repair order "Recheck SRS at each replacement"	A
DRIVER AIRBAG MODULE [OPEN] [B1049] [B1054]	• Driver air bag module circuit is open. (including the spiral cable.)	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace driver air bag module. 4. Replace spiral cable. 5. Replace diagnosis sensor unit (ACU). 	B
DRIVER AIRBAG MODULE [VB-SHORT] [B1050] [B1055]	• Driver air bag module circuit is shorted to some power supply circuit. (including the spiral cable.)		C
DRIVER AIRBAG MODULE [GND-SHORT] [B1051] [B1056]	• Driver air bag module circuit is shorted to ground. (including the spiral cable.)		D
DRIVER AIRBAG MODULE [SHORT] [B1052] [B1057]	• Driver air bag module circuit is shorted to each other. (including spiral cable.)		E
DIAGNOSIS SENSOR UNIT (CONTROL UNIT) [B1058-B1063]	• Diagnosis sensor is out of order.	• Replace diagnosis sensor unit (ACU).	F
ASSIST A/B MODULE [OPEN] [B1065] [B1070]	• Front passenger air bag module circuit is open.	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace front passenger air bag module. 4. Replace diagnosis sensor unit (ACU). 	G
ASSIST A/B MODULE [VB-SHORT] [B1066] [B1071]	• Front passenger air bag module circuit is shorted to some power supply circuit.		SRC
ASSIST A/B MODULE [GND-SHORT] [B1067] [B1072]	• Front passenger air bag module circuit is shorted to ground.		I
ASSIST A/B MODULE [SHORT] [B1068] [B1073]	• Front passenger air bag module circuit is shorted to each other.		J
DIAGNOSIS SENSOR UNIT (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. Visually check the wiring harness connections. 2. Replace the harness if it has visible damage. 3. Replace front RH seat belt pre-tensioner. 4. Replace 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]	• Front RH seat belt pre-tensioner circuit is shorted to each other.		O
			P

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS >

Diagnostic item	Explanation	Repair order "Recheck SRS at each replacement"
PRE-TEN FRONT LH [OPEN] [B1086]	<ul style="list-style-type: none"> Front LH seat belt pre-tensioner circuit is open. 	<ol style="list-style-type: none"> 1. Visually check the wiring harness connections. 2. Replace the harness if it has visible damage. 3. Replace front LH seat belt pre-tensioner. 4. Replace diagnosis sensor unit (ACU).
PRE-TEN FRONT LH [VB-SHORT] [B1087]	<ul style="list-style-type: none"> Front LH seat belt pre-tensioner circuit is shorted to some power supply circuit. 	
PRE-TEN FRONT LH [GND-SHORT] [B1088]	<ul style="list-style-type: none"> 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 circuit is shorted to each other. 	
DIAGNOSIS SENSOR UNIT (CONTROL UNIT) [B1106-B1111]	<ul style="list-style-type: none"> Diagnosis sensor is out of order. 	<ul style="list-style-type: none"> • Replace diagnosis sensor unit (ACU).
SATELLITE SENS RH [UNIT FAIL] [B1113] [B1114] SATELLITE SENS RH [COMM FAIL] [B1115]	<ul style="list-style-type: none"> RH satellite sensor is out of order. 	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace RH satellite sensor. 4. Replace diagnosis sensor unit (ACU).
SATELLITE SENS LH [UNIT FAIL] [B1118] [B1119] SATELLITE SENS LH [COMM FAIL] [B1120]	<ul style="list-style-type: none"> LH satellite sensor is out of order. 	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace LH satellite sensor. 4. Replace diagnosis sensor unit (ACU).
DIAGNOSIS SENSOR UNIT (CONTROL UNIT) [B1122-B1127]	<ul style="list-style-type: none"> Diagnosis sensor is out of order. 	<ul style="list-style-type: none"> • Replace diagnosis sensor unit (ACU).
SIDE MODULE RH [OPEN] [B1129]	<ul style="list-style-type: none"> Front RH side air bag module circuit is open. 	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace front RH side air bag module. 4. Replace diagnosis sensor unit (ACU).
SIDE MODULE RH [VB-SHORT] [B1130]	<ul style="list-style-type: none"> Front RH side air bag module circuit is shorted to some power supply circuit. 	
SIDE MODULE RH [GND-SHORT] [B1131]	<ul style="list-style-type: none"> Front RH side air bag module circuit is shorted to ground. 	
SIDE MODULE RH [SHORT] [B1132]	<ul style="list-style-type: none"> Front RH side air bag module circuit is shorted to each other. 	
SIDE MODULE LH [OPEN] [B1134]	<ul style="list-style-type: none"> Front LH side air bag module circuit is open. 	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace front LH side air bag module. 4. Replace diagnosis sensor unit (ACU).
SIDE MODULE LH [VB-SHORT] [B1135]	<ul style="list-style-type: none"> Front LH side air bag module circuit is shorted to some power supply circuit. 	
SIDE MODULE LH [GND-SHORT] [B1136]	<ul style="list-style-type: none"> 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 circuit is shorted to each other. 	

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS >

Diagnostic item	Explanation	Repair order "Recheck SRS at each replacement"	A
DIAGNOSIS SENSOR UNIT (CONTROL UNIT) [B1138-B1143]	<ul style="list-style-type: none"> • Diagnosis sensor is out of order. 	<ul style="list-style-type: none"> • Replace diagnosis sensor unit (ACU). 	B
CURTAIN MODULE RH [OPEN] [B1145]	<ul style="list-style-type: none"> • RH curtain air bag module circuit is open. 	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace RH curtain air bag module. 4. Replace diagnosis sensor unit (ACU). 	C
CURTAIN MODULE RH [VB-SHORT] [B1146]	<ul style="list-style-type: none"> • RH curtain air bag module circuit is shorted to some power supply circuit. 		D
CURTAIN MODULE RH [GND-SHORT] [B1147]	<ul style="list-style-type: none"> • RH curtain air bag module circuit is shorted to ground. 		E
CURTAIN MODULE RH [SHORT] [B1148]	<ul style="list-style-type: none"> • RH curtain air bag module circuit is shorted to each other. 		F
CURTAIN MODULE LH [OPEN] [B1150]	<ul style="list-style-type: none"> • LH curtain air bag module circuit is open. 	<ol style="list-style-type: none"> 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace LH curtain air bag module. 4. Replace diagnosis sensor unit (ACU). 	G
CURTAIN MODULE LH [VB-SHORT] [B1151]	<ul style="list-style-type: none"> • LH curtain air bag module circuit is shorted to some power supply circuits. 		H
CURTAIN MODULE LH [GND-SHORT] [B1152]	<ul style="list-style-type: none"> • LH curtain air bag module circuit is shorted to ground. 		I
CURTAIN MODULE LH [SHORT] [B1153]	<ul style="list-style-type: none"> • LH curtain air bag module circuit is shorted to each other. 		J
DIAGNOSIS SENSOR UNIT (CONTROL UNIT) [B1170-B1175]	<ul style="list-style-type: none"> • Diagnosis sensor is out of order. 	<ul style="list-style-type: none"> • Replace diagnosis sensor unit (ACU). 	K
PRE-TEN2 FRONT RH* [OPEN] [B1177]	<ul style="list-style-type: none"> • Front RH seat belt pre-tensioner 2 circuit is open. 	<ol style="list-style-type: none"> 1. Visually check the wiring harness connections. 2. Replace the harness if it has visible damage. 3. Replace front RH seat belt pre-tensioner 2. 4. Replace diagnosis sensor unit (ACU). 	L
PRE-TEN2 FRONT RH* [VB-SHORT] [B1178]	<ul style="list-style-type: none"> • Front RH seat belt pre-tensioner 2 circuit is shorted to some power supply circuit. 		M
PRE-TEN2 FRONT RH* [GND-SHORT] [B1179]	<ul style="list-style-type: none"> • Front RH seat belt pre-tensioner 2 circuit is shorted to ground. 		N
PRE-TEN2 FRONT RH* [SHORT] [B1180]	<ul style="list-style-type: none"> • Front RH seat belt pre-tensioner 2 circuit is shorted to each other. 		O
PRE-TEN2 FRONT LH [OPEN] [B1182]	<ul style="list-style-type: none"> • Front LH seat belt pre-tensioner 2 circuit is open. 	<ol style="list-style-type: none"> 1. Visually check the wiring harness connections. 2. Replace the harness if it has visible damage. 3. Replace front LH seat belt pre-tensioner 2. 4. Replace diagnosis sensor unit (ACU). 	P
PRE-TEN2 FRONT LH [VB-SHORT] [B1183]	<ul style="list-style-type: none"> • Front LH seat belt pre-tensioner2 circuit is shorted to some power supply circuit. 		Q
PRE-TEN2 FRONT LH [GND-SHORT] [B1184]	<ul style="list-style-type: none"> • Front LH seat belt pre-tensioner 2 circuit is shorted to ground. 		R
PRE-TEN2 FRONT LH [SHORT] [B1185]	<ul style="list-style-type: none"> • Front LH seat belt pre-tensioner 2 circuit is shorted to each other. 		S

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS >

Diagnostic item	Explanation	Repair order "Recheck SRS at each replacement"
DIAGNOSIS SENSOR UNIT (CONTROL UNIT) [B1202-B1207]	<ul style="list-style-type: none"> Diagnosis sensor is out of order. 	<ul style="list-style-type: none"> Replace diagnosis sensor unit (ACU).
FRONTAL COLLISION DETECTION [B1209]	<ul style="list-style-type: none"> Seat belt pre-tensioner and front air bag is deployed. 	<ul style="list-style-type: none"> Go to SRC-134, "Diagnosis Procedure (Component diagnosis)".
SIDE COLLISION DETECTION [B1210]	<ul style="list-style-type: none"> Side and curtain air bag is deployed. 	<ul style="list-style-type: none"> Go to SRC-136, "Diagnosis Procedure (Component diagnosis)".

*: with RHD models.

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	Repair order
<p>a through b are repeated.</p> <p>IGN ON</p>	<ol style="list-style-type: none"> Erase memory. (Once key switch is turned from OFF to ON, TROUBLE DIAG RECORD will be erased.)

PHIA0532E

<Diagnosis sensor unit>	
Flash pattern	Repair order
<p>a through d are repeated.</p> <p>d: Seven flashes indicate malfunctioning diagnosis sensor unit circuit.</p>	<ol style="list-style-type: none"> Replace the diagnosis sensor unit (ACU).

JMHIA0034GB

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

JMHIA0233GB

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS >

<Front passenger air bag deactivation switch>	
<p>Flash pattern</p> <p>a through d are repeated. d: Ten flashes indicate malfunctioning front passenger air bag deactivation switch.</p> <p style="text-align: center;">10 flashes</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 front passenger air bag deactivation switch. 4. Replace the diagnosis sensor unit (ACU).
JMHIA00228GB	
<Crash zone sensor>	
<p>Flash pattern</p> <p>a through d are repeated. d: Six flashes indicate malfunctioning crash zone sensor circuit.</p> <p style="text-align: center;">6 flashes</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 crash zone sensor. 4. Replace the diagnosis sensor unit.
JMHIA0036GB	
<Driver air bag module>	
<p>Flash pattern</p> <p>a through d are repeated. d: Two flashes indicate malfunctioning driver air bag module circuit.</p> <p style="text-align: center;">2 flashes</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 driver air bag module. 4. Replace the spiral cable. 5. Replace the diagnosis sensor unit (ACU).
JMHIA0033GB	
<Front passenger air bag module>	
<p>Flash pattern</p> <p>a through d are repeated. d: Eight flashes indicate malfunctioning front passenger air bag module circuit.</p> <p style="text-align: center;">8 flashes</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 passenger air bag module. 4. Replace the diagnosis sensor unit (ACU).
JMHIA0035GB	
<Front RH seat belt pre-tensioner>	
<p>Flash pattern</p> <p>a through d are repeated. d: One flash indicates malfunctioning front RH seat belt pre-tensioner circuit.</p> <p style="text-align: center;">1 flash</p>	<p>Repair order</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).
JMHIA0037GB	

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS >

<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).

JMHIA0038GB

<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.

JMHIA0039GB

<LH side air bag (Satellite) sensor>	
Flash pattern	Repair order
<p>a through f are repeated. f: Four flashes indicate malfunctioning LH side air bag (Satellite) sensor.</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.

JMHIA0040GB

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

JMHIA0041GB

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

JMHIA0042GB

DIAGNOSIS SENSOR UNIT

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

JMHIA0043GB

<LH side curtain air bag module>	
Flash pattern	Repair order
<p>a through f are repeated. f: Six flashes indicate malfunctioning LH side curtain air bag module circuit.</p> <p>6 flashes</p>	<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).

JMHIA0044GB

<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> <p>12 flashes</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).

JMHIA0223GB

<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> <p>13 flashes</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).

JMHIA0222GB

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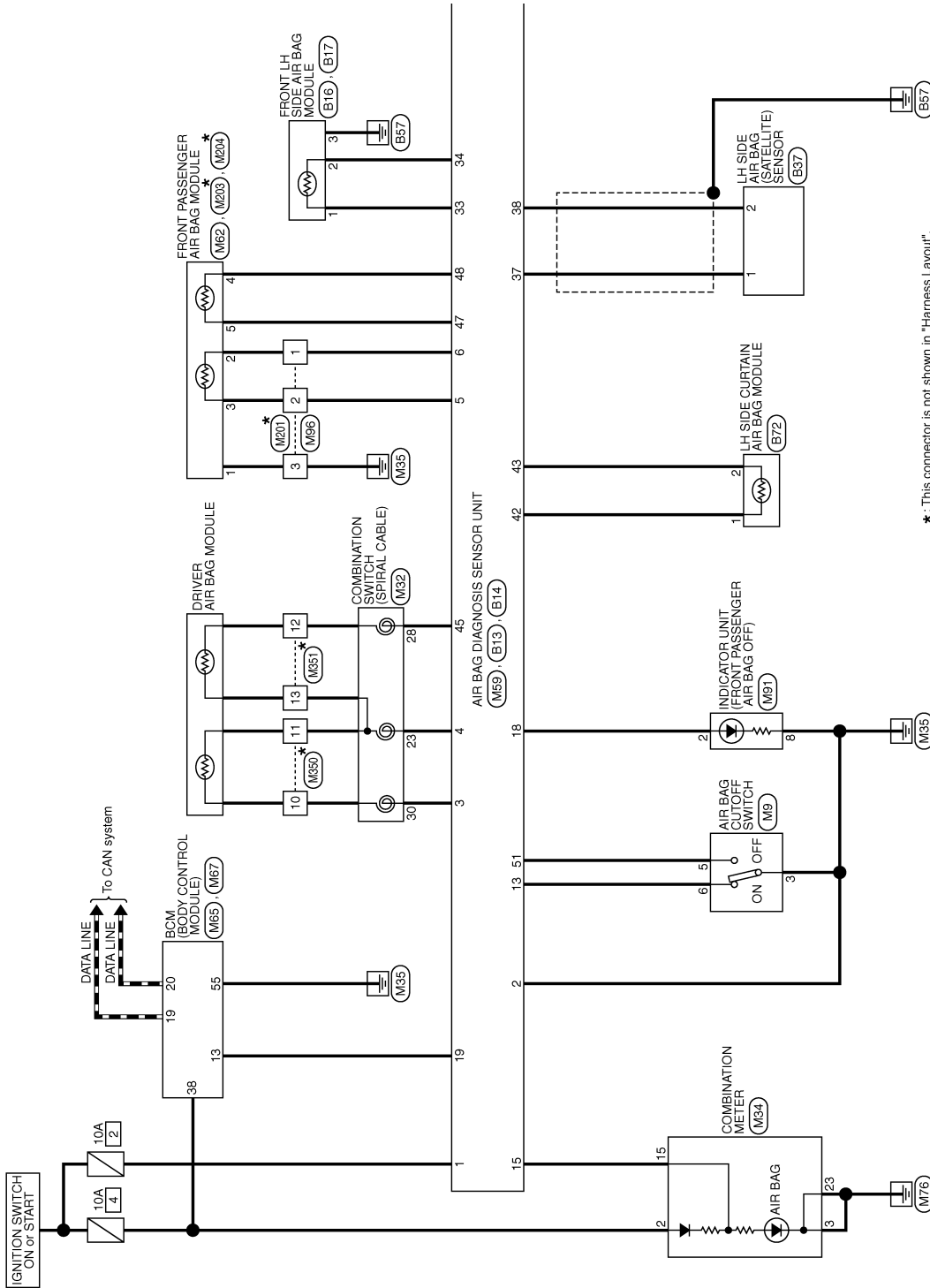
DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS >

Wiring Diagram - SRS AIR BAG CONTROL SYSTEM -

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SRS AIR BAG CONTROL SYSTEM (LHD MODELS)



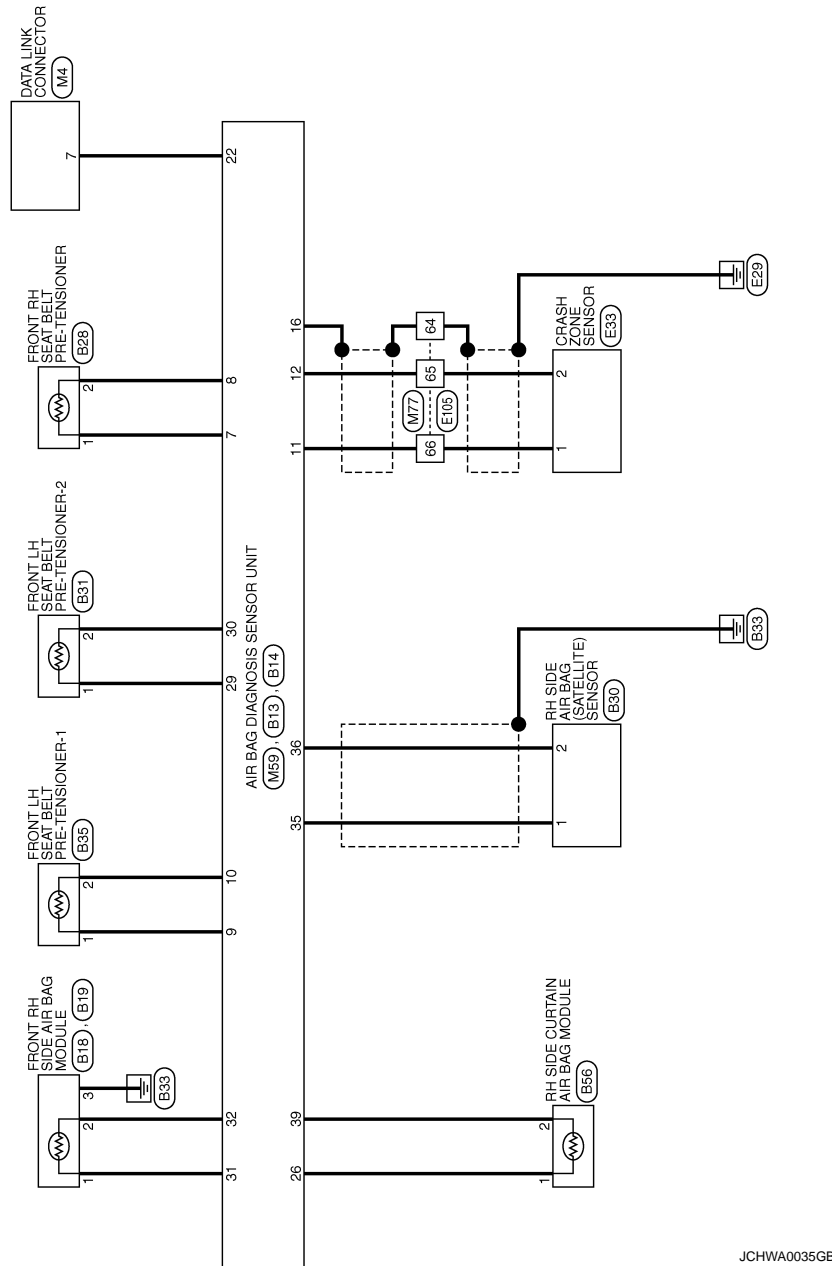
*: This connector is not shown in "Harness Layout".

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DIAGNOSIS SENSOR UNIT

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS >

SRS AIR BAG CONTROL SYSTEM (LHD MODELS)

Connector No.	B13
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	TK2FY-IV-EX



32	28	26	27	25	31
8	39	7	36	35	40

Terminal No.	Color of Wire	Signal Name [Specification]
7	R	RH P/TI+
8	W	RH P/TI-
26	L	CURTAIN RH+
31	R/W	RHS A/B+
32	L/Y	RHS A/B-
35	W	RH SAT SENS+
36	B	RH SAT SENS-
38	BR	CURTAIN RH+

Connector No.	B14
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	TK2FY-2V-EX



33	41	29	42	30	34
44	37	38	9	43	10

Terminal No.	Color of Wire	Signal Name [Specification]
9	R	LH P/TI+
10	W	LH P/TI-
29	R	LH P/T2+
30	W	LH P/T2-
33	R/W	LHS A/B+
34	L/Y	LHS A/B-
37	W	LH SAT SENS+
38	B	LH SAT SENS-
42	L	CURTAIN LH+
43	BR	CURTAIN LH-

Connector No.	B18
Connector Name	FRONT RH SIDE AIR BAG MODULE
Connector Type	TK2FY-EX-IV



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

Connector No.	B16
Connector Name	FRONT LH SIDE AIR BAG MODULE
Connector Type	TK2FY-EX-IV



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

Connector No.	B28
Connector Name	FRONT RH SEAT BELT PRE-TENSIONER
Connector Type	ACA2FY-2V



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

Connector No.	B17
Connector Name	FRONT LH SIDE AIR BAG MODULE
Connector Type	CINCH-1600EVM



3

Terminal No.	Color of Wire	Signal Name [Specification]
3	B/W	

Connector No.	B30
Connector Name	RH SIDE AIR BAG (SATELLITE) SENSOR
Connector Type	HK2FY-IV-EX


















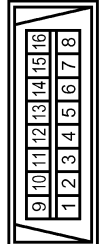
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Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
2	B	

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS >

SRS AIR BAG CONTROL SYSTEM (LHD MODELS)

<table border="1"> <tr><td>Connector No.</td><td>B31</td></tr> <tr><td>Connector Name</td><td>FRONT LH SEAT BELT PRE-TENSIONER-2</td></tr> <tr><td>Connector Type</td><td>AGA02FCR</td></tr> </table>  	Connector No.	B31	Connector Name	FRONT LH SEAT BELT PRE-TENSIONER-2	Connector Type	AGA02FCR	<table border="1"> <tr><td>Terminal No.</td><td>1</td><td>2</td></tr> <tr><td>Color of Wire</td><td>R</td><td>W</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td><td>-</td></tr> </table>	Terminal No.	1	2	Color of Wire	R	W	Signal Name [Specification]	-	-			
Connector No.	B31																		
Connector Name	FRONT LH SEAT BELT PRE-TENSIONER-2																		
Connector Type	AGA02FCR																		
Terminal No.	1	2																	
Color of Wire	R	W																	
Signal Name [Specification]	-	-																	
<table border="1"> <tr><td>Connector No.</td><td>B35</td></tr> <tr><td>Connector Name</td><td>FRONT LH SEAT BELT PRE-TENSIONER-1</td></tr> <tr><td>Connector Type</td><td>AGA02FY-2V</td></tr> </table>  	Connector No.	B35	Connector Name	FRONT LH SEAT BELT PRE-TENSIONER-1	Connector Type	AGA02FY-2V	<table border="1"> <tr><td>Terminal No.</td><td>1</td><td>2</td></tr> <tr><td>Color of Wire</td><td>R</td><td>W</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td><td>-</td></tr> </table>	Terminal No.	1	2	Color of Wire	R	W	Signal Name [Specification]	-	-			
Connector No.	B35																		
Connector Name	FRONT LH SEAT BELT PRE-TENSIONER-1																		
Connector Type	AGA02FY-2V																		
Terminal No.	1	2																	
Color of Wire	R	W																	
Signal Name [Specification]	-	-																	
<table border="1"> <tr><td>Connector No.</td><td>B37</td></tr> <tr><td>Connector Name</td><td>LH SIDE AIR BAG (SATELLITE) SENSOR</td></tr> <tr><td>Connector Type</td><td>HK02FY-1V-EX</td></tr> </table>  	Connector No.	B37	Connector Name	LH SIDE AIR BAG (SATELLITE) SENSOR	Connector Type	HK02FY-1V-EX	<table border="1"> <tr><td>Terminal No.</td><td>1</td><td>2</td></tr> <tr><td>Color of Wire</td><td>W</td><td>B</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td><td>-</td></tr> </table>	Terminal No.	1	2	Color of Wire	W	B	Signal Name [Specification]	-	-			
Connector No.	B37																		
Connector Name	LH SIDE AIR BAG (SATELLITE) SENSOR																		
Connector Type	HK02FY-1V-EX																		
Terminal No.	1	2																	
Color of Wire	W	B																	
Signal Name [Specification]	-	-																	
<table border="1"> <tr><td>Connector No.</td><td>B56</td></tr> <tr><td>Connector Name</td><td>RH SIDE CURTAIN AIR BAG MODULE</td></tr> <tr><td>Connector Type</td><td>FCI 61206310</td></tr> </table>  	Connector No.	B56	Connector Name	RH SIDE CURTAIN AIR BAG MODULE	Connector Type	FCI 61206310	<table border="1"> <tr><td>Terminal No.</td><td>1</td><td>2</td></tr> <tr><td>Color of Wire</td><td>L</td><td>BR</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td><td>-</td></tr> </table>	Terminal No.	1	2	Color of Wire	L	BR	Signal Name [Specification]	-	-			
Connector No.	B56																		
Connector Name	RH SIDE CURTAIN AIR BAG MODULE																		
Connector Type	FCI 61206310																		
Terminal No.	1	2																	
Color of Wire	L	BR																	
Signal Name [Specification]	-	-																	
<table border="1"> <tr><td>Connector No.</td><td>B72</td></tr> <tr><td>Connector Name</td><td>LH SIDE CURTAIN AIR BAG MODULE</td></tr> <tr><td>Connector Type</td><td>FCI 61206310</td></tr> </table>  	Connector No.	B72	Connector Name	LH SIDE CURTAIN AIR BAG MODULE	Connector Type	FCI 61206310	<table border="1"> <tr><td>Terminal No.</td><td>1</td><td>2</td></tr> <tr><td>Color of Wire</td><td>L</td><td>BR</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td><td>-</td></tr> </table>	Terminal No.	1	2	Color of Wire	L	BR	Signal Name [Specification]	-	-			
Connector No.	B72																		
Connector Name	LH SIDE CURTAIN AIR BAG MODULE																		
Connector Type	FCI 61206310																		
Terminal No.	1	2																	
Color of Wire	L	BR																	
Signal Name [Specification]	-	-																	
<table border="1"> <tr><td>Connector No.</td><td>E33</td></tr> <tr><td>Connector Name</td><td>CRASH ZONE SENSOR</td></tr> <tr><td>Connector Type</td><td>HK02FY-1V-EX</td></tr> </table>  	Connector No.	E33	Connector Name	CRASH ZONE SENSOR	Connector Type	HK02FY-1V-EX	<table border="1"> <tr><td>Terminal No.</td><td>1</td><td>2</td></tr> <tr><td>Color of Wire</td><td>W</td><td>B</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td><td>-</td></tr> </table>	Terminal No.	1	2	Color of Wire	W	B	Signal Name [Specification]	-	-			
Connector No.	E33																		
Connector Name	CRASH ZONE SENSOR																		
Connector Type	HK02FY-1V-EX																		
Terminal No.	1	2																	
Color of Wire	W	B																	
Signal Name [Specification]	-	-																	
<table border="1"> <tr><td>Connector No.</td><td>E105</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>TH80MW-NS16-TM4</td></tr> </table>  	Connector No.	E105	Connector Name	WIRE TO WIRE	Connector Type	TH80MW-NS16-TM4	<table border="1"> <tr><td>Terminal No.</td><td>64</td><td>65</td><td>66</td></tr> <tr><td>Color of Wire</td><td>SHIELD</td><td>B</td><td>W</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td><td>-</td><td>-</td></tr> </table>	Terminal No.	64	65	66	Color of Wire	SHIELD	B	W	Signal Name [Specification]	-	-	-
Connector No.	E105																		
Connector Name	WIRE TO WIRE																		
Connector Type	TH80MW-NS16-TM4																		
Terminal No.	64	65	66																
Color of Wire	SHIELD	B	W																
Signal Name [Specification]	-	-	-																
<table border="1"> <tr><td>Connector No.</td><td>M4</td></tr> <tr><td>Connector Name</td><td>DATA LINK CONNECTOR</td></tr> <tr><td>Connector Type</td><td>BD18FW</td></tr> </table>  	Connector No.	M4	Connector Name	DATA LINK CONNECTOR	Connector Type	BD18FW	<table border="1"> <tr><td>Terminal No.</td><td>7</td></tr> <tr><td>Color of Wire</td><td>O</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	7	Color of Wire	O	Signal Name [Specification]	-						
Connector No.	M4																		
Connector Name	DATA LINK CONNECTOR																		
Connector Type	BD18FW																		
Terminal No.	7																		
Color of Wire	O																		
Signal Name [Specification]	-																		

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DIAGNOSIS SENSOR UNIT

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SRS AIR BAG CONTROL SYSTEM (LHD MODELS)

Connector No.	M89
Connector Name	AIR BAG CUTOFF SWITCH
Connector Type	QINCH-499212211



Terminal No.	Color of Wire	Signal Name [Specification]
3	B	-
5	R	-
6	G	-

Connector No.	M32
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK08FY-EX-1V



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

Connector No.	M34
Connector Name	COMBINATION METER
Connector Type	SAB4QFW



Terminal No.	Color of Wire	Signal Name [Specification]
2	GR	IGN
3	B	GND
15	W	AIR BAG
23	B	GND

Connector No.	M69
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	TK28FY-EX-SC



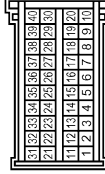
Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	IGN
2	B	GND
3	Y	DRI+
4	Y/L	DR-
5	Y	ASI+
6	Y/B	ASI-
11	W	EGZS+
12	B	EGZS-
13	G	AS CUTOFF SW 1
15	W	WARNING LAMP
16	SHIELD	EARTH (FOR EGZS)

18	LG	CUTOFF LED
19	R	UNLOCK
22	O	K-LINE
45	Y/R	DR2+
47	B/R	AS2+ (LHD models)
48	L	AS2- (LHD models)
51	R	OFF/DE-ACTIVATE



Connector No.	M62
Connector Name	FRONT PASSENGER AIR BAG MODULE
Connector Type	FCI 61206320

Connector No.	M65
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	AAB4QFB



Terminal No.	Color of Wire	Signal Name [Specification]
13	R	SHOCK DETECT SIG
19	L	CAN-H
20	P	CAN-L
38	W	IGN SW

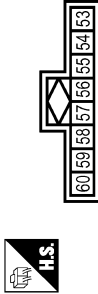
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DIAGNOSIS SENSOR UNIT

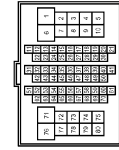
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SRS AIR BAG CONTROL SYSTEM (LHD MODELS)

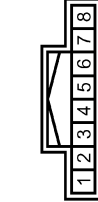
Connector No.	M67
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FCI 211PQ2683S0017



Connector No.	M77
Connector Name	WIRE TO WIRE
Connector Type	TH8DFW-NS16-TM4



Connector No.	M81
Connector Name	INDICATOR UNIT
Connector Type	TH8DFW-1V



Connector No.	M96
Connector Name	WIRE TO WIRE
Connector Type	TKGMFY



Terminal No.	55	Color of Wire	B	Signal Name [Specification]	GND(POWER)

Terminal No.	64	Color of Wire	SHIELD	Signal Name [Specification]	
	65		B		
	66		W		

Terminal No.	2	Color of Wire	BR	Signal Name [Specification]	
	8		B		

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

Connector No.	M201
Connector Name	WIRE TO WIRE
Connector Type	TKGMFY-BD



Connector No.	M203
Connector Name	FRONT PASSENGER AIR BAG MODULE
Connector Type	AMPHENOL CA252912105



Connector No.	M204
Connector Name	FRONT PASSENGER AIR BAG MODULE
Connector Type	RENUALT 7703297093



Connector No.	M350
Connector Name	DRIVER AIR BAG MODULE
Connector Type	ACA02FY-2V



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

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

Terminal No.	1	Color of Wire	B	Signal Name [Specification]	
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Terminal No.	10	Color of Wire	-	Signal Name [Specification]	
	11		-		

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DIAGNOSIS SENSOR UNIT

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SRS AIR BAG CONTROL SYSTEM (LHD MODELS)

Connector No.	M351
Connector Name	DRIVER AIR BAG MODULE
Connector Type	ACADZFOR



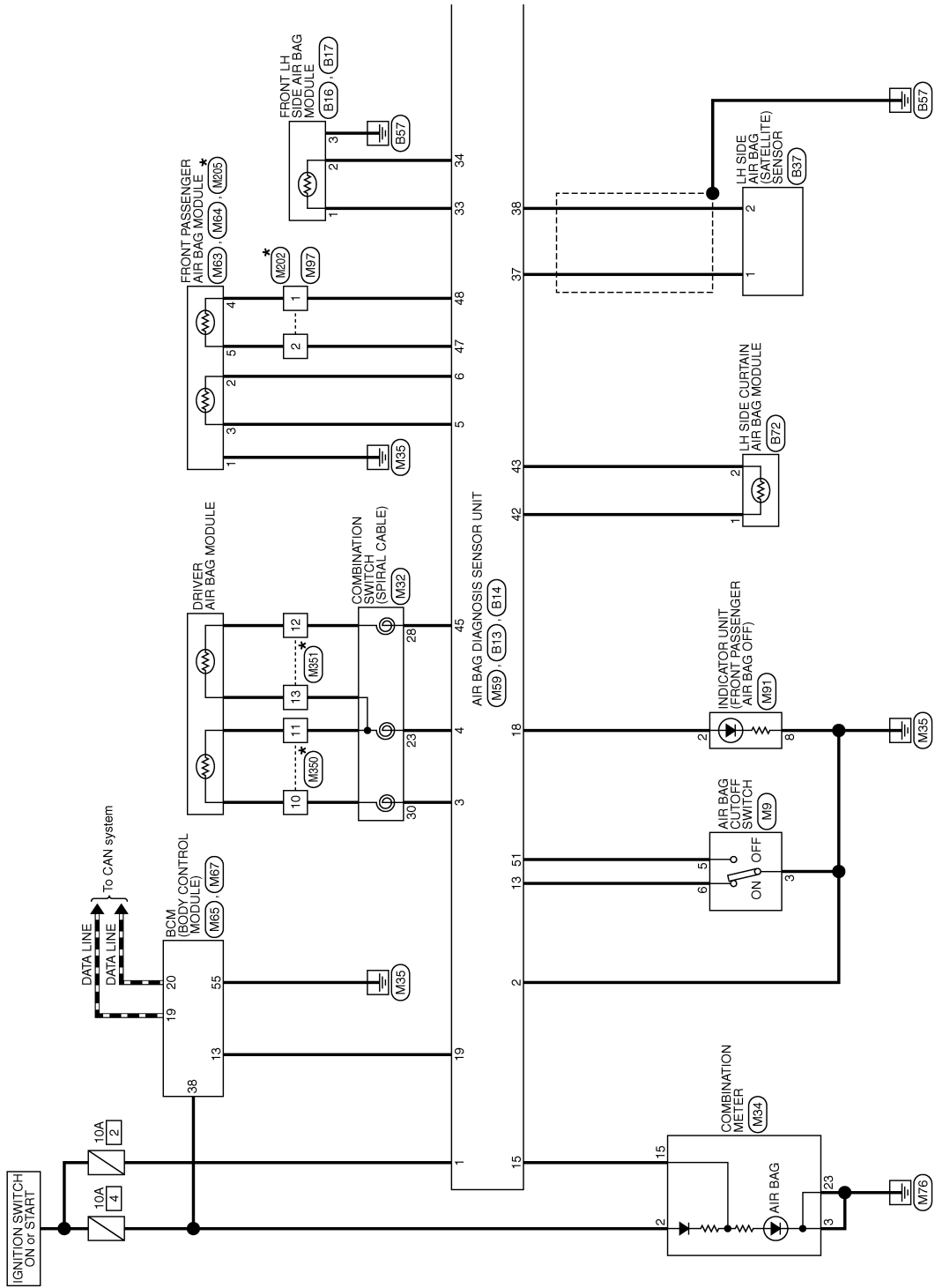
Terminal No.	Color of Wire	Signal Name (Specification)
12	-	-
13	-	-

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DIAGNOSIS SENSOR UNIT

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SRS AIR BAG CONTROL SYSTEM (RHD MODELS)



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

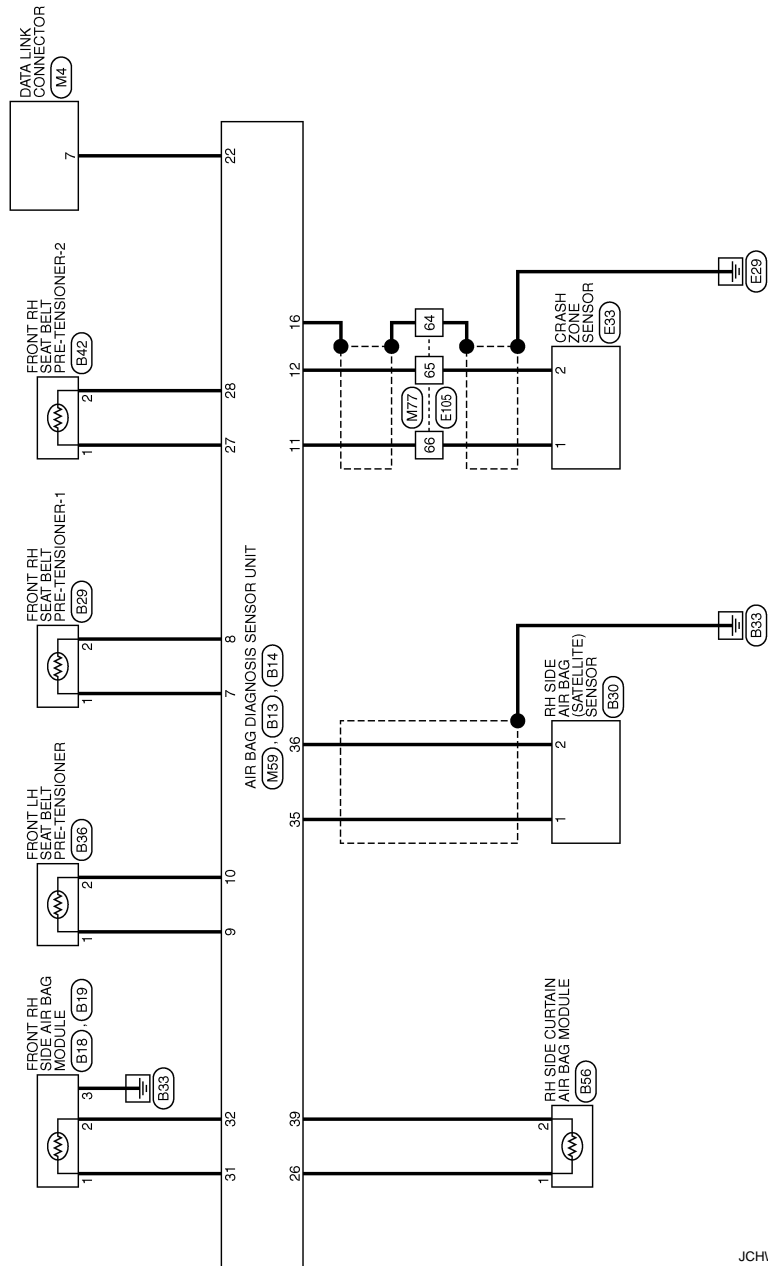
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DIAGNOSIS SENSOR UNIT

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SRS AIR BAG CONTROL SYSTEM (RHD MODELS)

Connector No.	B13
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	TK2FY-1V-EX



32	28	26	27	25	31
8	39	7	36	35	40

Terminal No.	Color of Wire	Signal Name [Specification]
7	R	RHP/TI+
8	W	RHP/TI-
26	L	CURTAIN RH+
27	R	RHP/TZ+
28	W	RHP/TZ-
31	R/W	RHS A/B+
32	L/Y	RHS A/B-
35	W	RH SAT SENS+
36	B	RH SAT SENS-
39	BR	CURTAIN 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	R	LHP/TI+
10	W	LHP/TI-
33	R/W	LHS A/B+
34	L/Y	LHS A/B-
37	W	LH SAT SENS+
38	B	LH SAT SENS-
42	L	CURTAIN LH+
43	BR	CURTAIN LH-

Connector No.	B16
Connector Name	FRONT LH SIDE AIR BAG MODULE
Connector Type	TK02FY-EX-1V



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

Connector No.	B17
Connector Name	FRONT LH SIDE AIR BAG MODULE
Connector Type	CINCH-1680EY1M



3

Terminal No.	Color of Wire	Signal Name [Specification]
3	B/W	

Connector No.	B18
Connector Name	FRONT RH SIDE AIR BAG MODULE
Connector Type	TK02FY-EX-1V



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

Connector No.	B19
Connector Name	FRONT RH SIDE AIR BAG MODULE
Connector Type	CINCH-1680EY1M



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Terminal No.	Color of Wire	Signal Name [Specification]
3	B/W	

Connector No.	B29
Connector Name	FRONT RH SEAT BELT PRE-TENSIONER-1
Connector Type	ACA02FY-2V



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

Connector No.	B30
Connector Name	RH SIDE AIR BAG (SATELLITE) SENSOR
Connector Type	HK02FY-1V-EX



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

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS >

SRS AIR BAG CONTROL SYSTEM (RHD MODELS)

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



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

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	W	-
2	B	-

Connector No.	B42
Connector Name	FRONT RH SEAT BELT PRE-TENSIONER-2
Connector Type	ACA02FOR



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

Connector No.	B58
Connector Name	RH SIDE CURTAIN AIR BAG MODULE
Connector Type	FCI 61206310



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

Connector No.	B72
Connector Name	LH SIDE CURTAIN AIR BAG MODULE
Connector Type	FCI 61206310



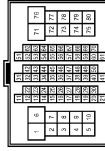
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	BR	-

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



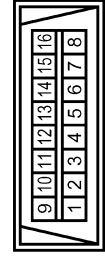
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	B	-

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH60MW-HS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
64	SHIELD	-
65	B	-
66	W	-

Connector No.	M4
Connector Name	DATA LINK CONNECTOR
Connector Type	BD18FW



Terminal No.	Color of Wire	Signal Name [Specification]
7	O	-

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS >

SRS AIR BAG CONTROL SYSTEM (RHD MODELS)

Connector No.	M9
Connector Name	AIR BAG CUTOFF SWITCH
Connector Type	GINCH-489212211



Terminal No.	Color of Wire	Signal Name [Specification]
3	B	-
5	R	-
6	G	-

Connector No.	M32
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK08FY-EX-1V



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

Connector No.	M34
Connector Name	COMBINATION METER
Connector Type	SAB40FW



Terminal No.	Color of Wire	Signal Name [Specification]
2	GR	IGN
3	B	GND
15	W	AIR BAG
23	B	GND

Connector No.	M59
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	TK28FY-EX-SC



Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	IGN
2	B	GND
3	Y	DR1+
4	Y/L	DR-
5	Y	ASI+
6	Y/B	ASI-
11	W	ECZS+
12	B	ECZS-
13	G	AS CUTOFF SW 1
15	W	WARNING LAMP
16	SHIELD	EARTH (FOR ECZS)

Terminal No.	Color of Wire	Signal Name [Specification]
18	LG	CUTOFF LED
19	R	UNLOCK
22	O	K-LINE
45	Y/R	DR2+
47	Y	AS2 (RHD models)
48	Y/L	AS2 (LHD models)
51	R	OFFIDE-ACTIVATE

Connector No.	M63
Connector Name	FRONT PASSENGER AIR BAG MODULE
Connector Type	AMPHEROL CA32912105



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

Connector No.	M64
Connector Name	FRONT PASSENGER AIR BAG MODULE
Connector Type	RENJUAL T 7/03237083



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND

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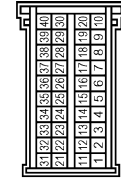
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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS >

SRS AIR BAG CONTROL SYSTEM (RHD MODELS)

Connector No.	M65
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	AAB40FE



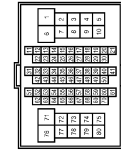
Terminal No.	Color of Wire	Signal Name [Specification]
13	R	SHOCK DETECT SIG
19	L	CAN-H
20	P	CAN-L
38	W	IGN SW

Connector No.	M67
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FC1 211PC83S0017



Terminal No.	Color of Wire	Signal Name [Specification]
55	B	GND(POWER)

Connector No.	M77
Connector Name	WIRE TO WIRE
Connector Type	TH60FW-NS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
64	SHIELD	
65	B	
66	W	

Connector No.	M91
Connector Name	INDICATOR UNIT
Connector Type	TH68FW-1V



Terminal No.	Color of Wire	Signal Name [Specification]
2	BR	
8	B	

Connector No.	M97
Connector Name	WIRE TO WIRE
Connector Type	TK02FY-EX



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

Connector No.	M202
Connector Name	WIRE TO WIRE
Connector Type	TK02AY-EX



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

Connector No.	M205
Connector Name	FRONT PASSENGER AIR BAG MODULE
Connector Type	FC1 B1206S20



Terminal No.	Color of Wire	Signal Name [Specification]
4	Y/L	
5	Y	

Connector No.	M350
Connector Name	DRIVER AIR BAG MODULE
Connector Type	ACA02FY-2V



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

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS >

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SRS AIR BAG CONTROL SYSTEM (RHD MODELS)

Connector No.	M351
Connector Name	DRIVER AIR BAG MODULE
Connector Type	ACA02FOR



Terminal No.	Color of Wire	Signal Name [Specification]
12	-	-
13	-	-

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SRS AIR BAG SYSTEM

< SYMPTOM DIAGNOSIS >

SYMPTOM DIAGNOSIS

SRS AIR BAG SYSTEM

Symptom Table

INFOID:000000001182976

“SRS AIR BAG” Warning Lamp Does Not Turn OFF

1.CHECK AIR BAG MODULE

Check the deployment of air bag module.

Is “AIR BAG” module deployed?

- YES >> Refer to [SRC-134, "Diagnosis Procedure \(Component diagnosis\)"](#).
- NO >> GO TO 2.

2.CHECK AIR BAG FUSE

Check the air bag fuse. Refer to [PG-69, "Fuse"](#).

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.

Does 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 “DIAGNOSIS SENSOR UNIT” displayed on CONSULT-III?

- YES >> Replace diagnosis sensor unit (ACU). Refer to [SR-16, "Exploded View"](#).
- NO >> GO TO 5.

5.CHECK HARNESS CONNECTION

Check the connection of harness connector.

Is harness connections between warning lamp and diagnosis sensor unit normal?

- YES >> Check the intermittent incident. Refer to [GI-39, "Intermittent Incident"](#).
- NO >> Replace wiring harness connector.

“SRS AIR BAG” Warning Lamp Does Not Turn ON

1.CHECK METER FUSE

Check the meter fuse. Refer to [PG-69, "Fuse"](#).

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 meter fuse and turn ignition switch ON.

Does the meter fuse blow again?

- YES >> Repair or replace the related harness.
- NO >> **INSPECTION END**

3.CHECK HARNESS CONNECTION BETWEEN DIAGNOSIS SENSOR UNIT AND COMBINATION METER

Disconnect diagnosis sensor unit connector and turn ignition switch ON.

SRS AIR BAG SYSTEM

< SYMPTOM DIAGNOSIS >

Does AIR BAG warning lamp turn ON?

YES >> Replace diagnosis sensor unit (ACU). Refer to [SR-16, "Exploded View"](#).

NO >> Replace combination meter assembly.

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PRECAUTIONS

< PRECAUTION >

PRECAUTION

PRECAUTIONS

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

INFOID:000000001182977

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 and SB section of this Service Manual.

WARNING:

- **To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which would result in air bag inflation, all maintenance must be performed by an authorized NISSAN/INFINITI dealer.**
- **Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see the SRS section.**
- **Do not use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.**

Service

INFOID:000000001182978

- 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 function after replacing any components.
- After air bag inflates, the front instrument panel assembly should be replaced if damaged.
- Always replace instrument panel pad following front passenger air bag deployment.