SECTION SRC

SRS AIRBAG CONTROL SYSTEM

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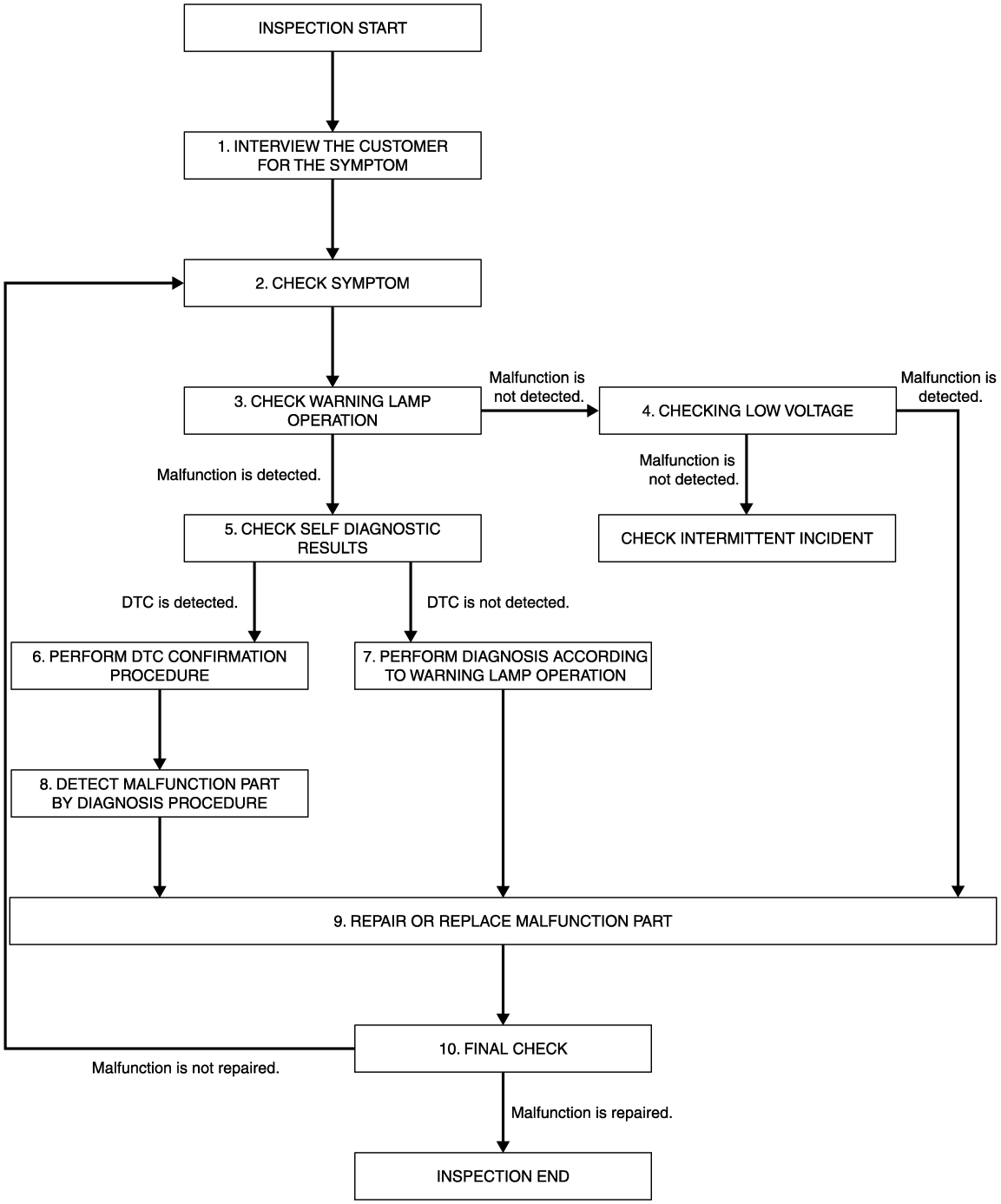
BASIC INSPECTION

DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

INFOID:0000000005529489

OVERALL SEQUENCE



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DETAILED FLOW

1.INTERVIEW THE CUSTOMER FOR THE SYMPTOM

Interview the customer for the symptom (the condition and the environment when the incident/malfunction occurs).

>> GO TO 2.

2.CHECK SYMPTOM

Check the symptom from the customer information.

>> GO TO 3.

3.CHECK WARNING LAMP OPERATION

Check air bag warning lamp operation in the user mode. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

Are any malfunction detected?

YES >> GO TO 5.
NO >> GO TO 4.

4.CHECK LOW VOLTAGE

Check low voltage with CONSULT-III (Special function). Refer to SRC-186, "CONSULT-III Function".

Are any malfunction detected?

YES >> GO TO 9.
NO >> Check intermittent incident. Refer to GI-39, "Intermittent Incident".

5.CHECK SELF DIAGNOSTIC RESULTS

Check self diagnostic result with CONSULT-III or diagnosis mode.
If it is impossible to switch to diagnosis mode, follow the same procedure that DTC is not detected.

NOTE:
Perform the following procedure if DTC is detected.

- Record DTC (Print them out with CONSULT-III.)
- Erase self diagnostic result.
- Study the relationship between the malfunction that DTC or air bag warning lamp indicates and the symptom that the customer describes.
- Check related service bulletins for information.

Is DTC detected?

YES >> GO TO 6.
NO >> GO TO 7.

6.PERFORM DTC CONFIRMATION PROCEDURE

Perform DTC CONFIRMATION PROCEDURE for the DTC.

>> GO TO 8.

7.PERFORM DIAGNOSIS ACCORDING TO WARNING LAMP OPERATION

1. Check air bag warning lamp operation in the user mode. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".
2. Perform Diagnosis Procedure for the air bag warning lamp operation. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp" (USER MODE).

>> GO TO 9.

8.DETECT MALFUNCTIONING PART BY DIAGNOSTIC PROCEDURE

Inspect according to Diagnostic Procedure of the DTC.

>> GO TO 9.

9.REPAIR OR REPLACE THE MALFUNCTION PART

Repair or replace the malfunctioning part.

>> GO TO 10.

10.FINAL CHECK

Check self diagnostic result and air bag warning lamp operation in the user mode.

Is the malfunction repaired?

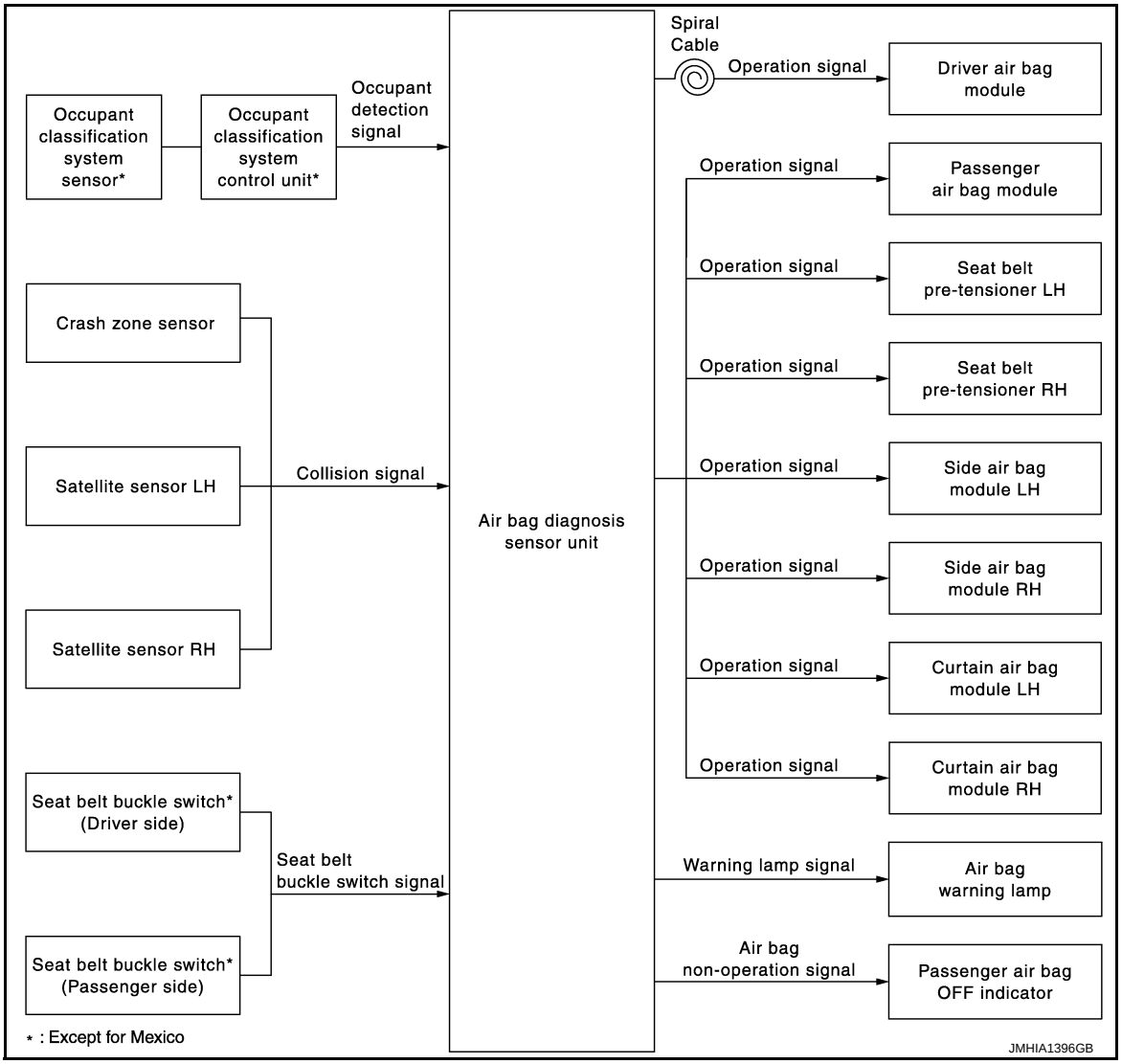
YES >> INSPECTION END
NO >> GO TO 2.

SYSTEM DESCRIPTION

SRS AIR BAG SYSTEM

System Diagram

INFOID:0000000005234243



System Description

INFOID:0000000005234244

Supplemental Restraint System (SRS) activates air bag module and seal belt pre-tensioner when it detects a frontal collision or a side collision that is more than the specified limit. Together with other safety devices, it reduces the impact that occupant receives when vehicle collision occurs.
Air bag diagnosis sensor unit supplies power supply to air bag module and pre-tensioner seat belt when deceleration that is more than the specified limit is detected by G sensor in air bag diagnosis sensor unit, crash zone sensor, or satellite sensor. Air bag module is composed of electric igniter (squib), filter, pyrotechnic material, and gas generating material. When air bag module receives a signal from air bag diagnosis sensor unit, air bag module ignites pyrotechnic material using electric igniter (squib) so that gas generating material generates high temperature nitrogen gas. The gas through filter activates air bag. At the same time, pre-tensioner seat belt receives power supply from air bag diagnosis sensor unit, gasgenerator is activated, and then gas is generated. Balls in pipe are moved according to generated gas pressure and strike pinion gear on ELR shaft. ELR shaft rotates and retracts seat belt.
When air bag diagnosis sensor unit detects a rollover of the vehicle, electric igniter (spuib) receives power supply, pyrotechnic material is ignited, and then piston is projected.

AIR BAG DIAGNOSIS SENSOR UNIT FUNCTIONS

Air bag diagnosis sensor unit has the following functions.

- Detects a collision and supplies the energy for deploying air bag and seat belt pre-tensioner.
- Detects and records electrical malfunction in air bag system and seat belt pre-tensioner system, and blinking air bag warning lamp.
- Detects and records the deployment of air bag and seat belt pre-tensioner, and turns ON air bag warning lamp.
- Indicates malfunctioning portion via the number of blinks from the air bag warning lamp in the diagnosis mode.
- Indicates the malfunction record via CONSULT-III.
- Suppresses the deployment of passenger air bag when passenger seat is empty or occupied by child or child-seat.
- When passenger seat is occupied by child or child seat, turns ON passenger air bag OFF indicator.
- When judges that passenger seat is occupied by an adult or a child and passenger seat belt is not fastened, turns ON seat belt warning lamp. Further information for the seat belt warning system, refer to SBC-3, "System Description".

COLLISION MODES

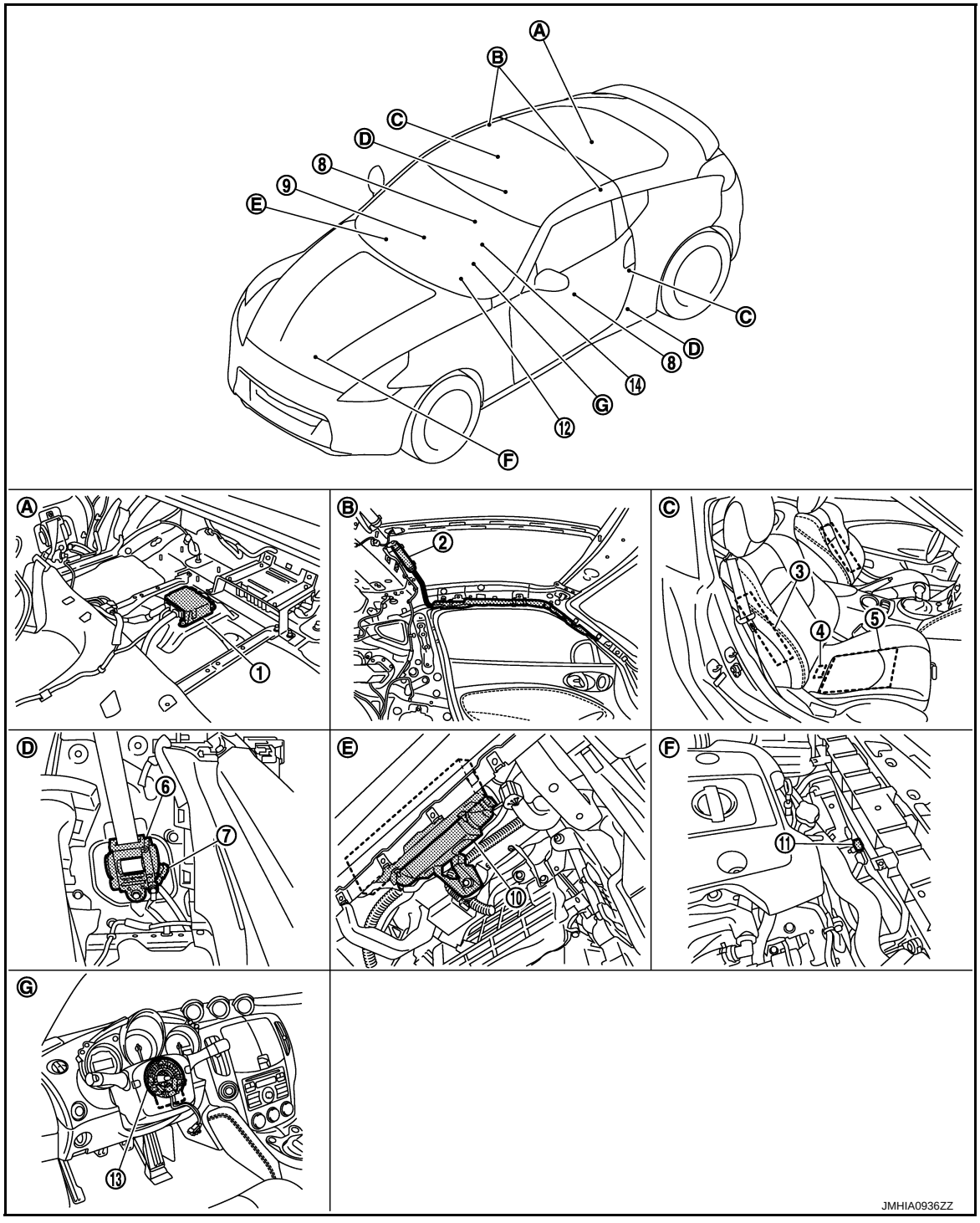
The operation of SRS is different depending on the collision modes applications. For example, the driver air bag module, passenger air bag module, and seat belt pre-tensioner are activated in a frontal collision but not in a side collision.
SRS configurations that are activated for the following collision modes.

×: Apply —: Not apply

Collision Mode	Driver air bag module	Passenger air bag module	Seat belt pre-tensioner LH	Seat belt pre-tensioner RH	Side air bag module LH	Side air bag module RH	Curtain air bag module LH	Curtain air bag module RH
Frontal collision	×	×	×	×	—	—	—	—
Left side collision	—	—	—	—	×	—	×	—
Right side collision	—	—	—	—	—	×	—	×

Component Parts Location

INFOID:0000000005234245



1. Air bag diagnosis sensor unit
2. Curtain air bag module LH/RH
3. Side air bag module LH/RH
4. Occupant Classification System control unit
5. Occupant Classification System seat sensor mat
6. Seat belt pre-tensioner LH/RH
7. Satellite sensor LH/RH
8. Seat belt buckle switch (Driver side/ Passenger side)
9. Passenger air bag OFF indicator
10. Passenger air bag module
11. Crash zone sensor
12. Combination meter
13. Combination switch (spiral cable)
14. Driver air bag module

A. Behind seatback center finisher
B. Behind headlining
C. Passenger seat

D. Behind rear side finisher E. Behind glove box assembly F. Radiator core support assembly
G. View with steering wheel removed

Component Description

INFOID:0000000005234246

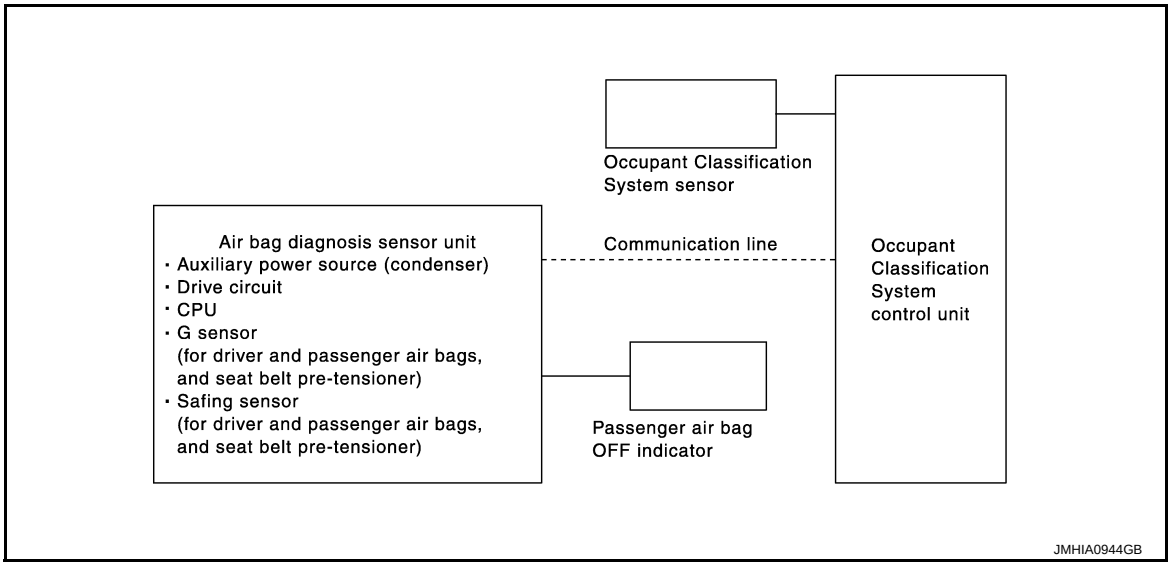
Component	Function
Air bag diagnosis sensor unit	Detects a collision and supplies power supply for deployment to air bag module and pre-tensioner seat belt.
Air bag module • Driver • Passenger • Side • Curtain	Receives signal from air bag diagnosis sensor unit and deploys air bag.
Seat belt pre-tensioner	Receives signal from air bag diagnosis sensor unit and deploys seat belt pre-tensioner.
Seat belt buckle switch*	Controls deployment timing based on seat belt fastened or unfastened condition.
Crash zone sensor	Transmits signal to air bag diagnosis sensor unit when a frontal collision occurs.
Satellite sensor (LH/RH)	Transmits signal to air bag diagnosis sensor unit when a side collision occurs.
Occupant Classification System control unit*	Detects passenger seat occupant and judges whether or not passenger seat air bag is deployed.
Combination meter (air bag warning lamp)	Indicates air bag malfunctioning and deployment by blinking and illuminating air bag warning lamp.
Passenger air bag OFF indicator	Indicates whether or not passenger air bag is in the activation mode based on the judgement of Occupant Classification System.
Combination switch (spiral cable)	Supplies power supply to driver air bag module on steering wheel.

*:Except Mexico

OCCUPANT CLASSIFICATION SYSTEM (EXCEPT FOR MEXICO)

System Diagram

INFOID:0000000005234247



System Description

INFOID:0000000005234248

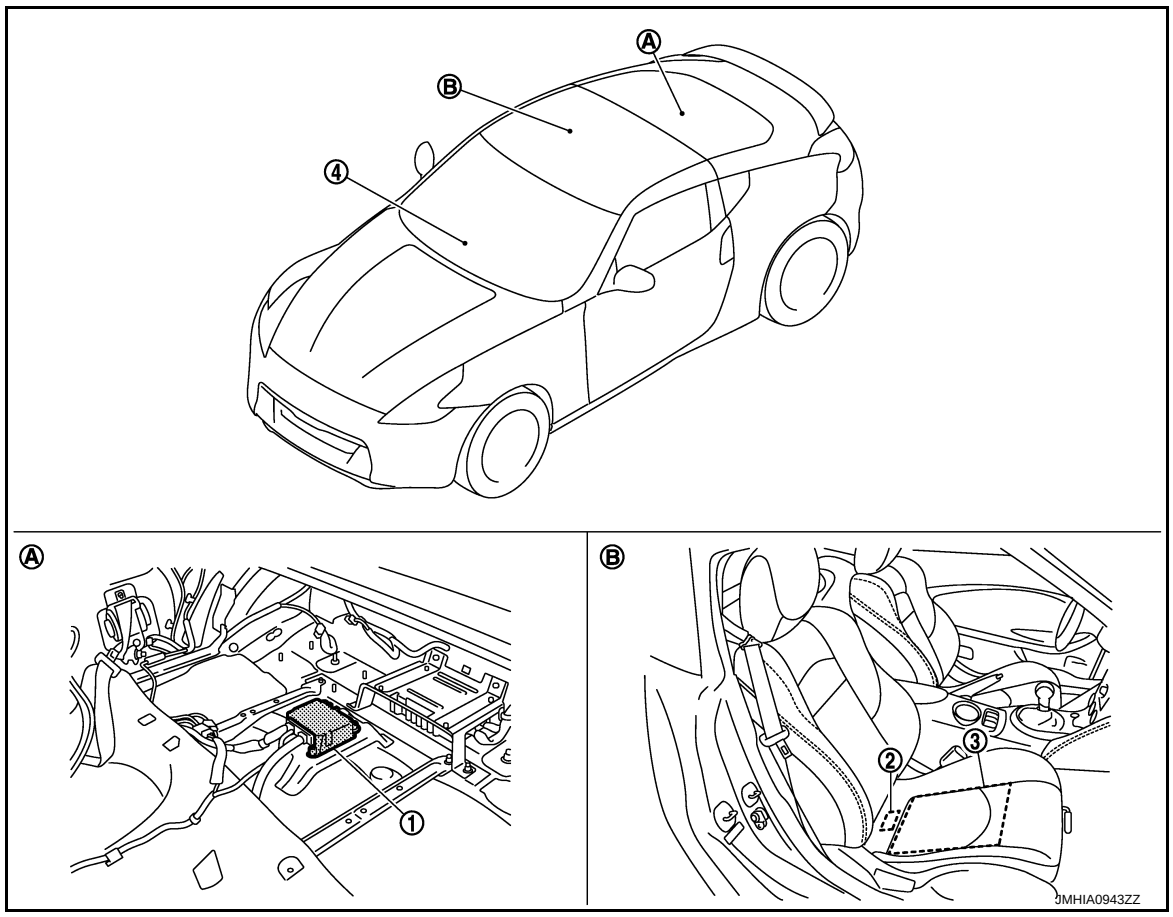
Occupant Classification System has the following functions.

- Suppresses the deployment of front passenger air bag when front passenger seat is empty, or when occupied by child and child-seat.
- Turns on front passenger air bag OFF indicator when front passenger seat is occupied by child-seat and child.
- Indicates malfunction portion via the number of blinks from the air bag warning lamp in the diagnosis mode.
- Indicates the malfunctioning record via CONSULT-III.

Status (passenger seat)	Passenger air bag	Passenger air bag OFF indicator	Air bag warning lamp
Empty	Suppress	OFF	OFF
Child/child-seat	Suppress	ON	OFF
Adult	Enable to deploy	OFF	OFF
Malfunction	Suppress	ON	Blinking

Component Parts Location

INFOID:0000000005234249



1. Air bag diagnosis sensor unit
2. Occupant Classification System control unit
3. Occupant Classification System seat sensor mat
4. Passenger air bag OFF indicator
A. Behined seatback center finisher
B. Passenger seat

Component Description

INFOID:0000000005234250

Component parts	Outline of function
Occupant Cassification Sysytem seat sensor mat	Detects if the passenger seat is empty or occupied. It is integrated into the seat cussion and detects the occupants with occupant classification system control unit that classifies the occupants.
Occupant Classification System control unit	Transmits the passenger seat status (occupied or empty) to air bag diagnosis sensor unit. It is installed in the passenger seat cushion.
Passenger air bag OFF indicator	Turns the passenger air bag OFF indicator lamp ON when the front passenger seat is occupied by a child or a child-seat

DIAGNOSIS SYSTEM (AIR BAG)

Diagnosis Description

INFOID:0000000005234251

CAUTION:

- **Never use electrical test equipment on any circuit related to the SRS unless instructed in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.**
- **Never repair, splice or modify the SRS wiring harness. If the harness is damaged, replace it with a new one.**
- **Keep ground portion clean.**

DIAGNOSIS FUNCTION

- The SRS self-diagnosis results can be read with air bag warning lamp and/or CONSULT-III.
- The user mode is exclusively prepared for the customer (driver). This mode warns the driver of a system malfunction through the operation of the air bag warning lamp.
- The diagnosis mode allows the technician to locate and inspect the malfunctioning part.
- The mode applications for the air bag warning lamp and CONSULT-III are as per the following items.

×: Application, —: Not application

Diagnosis tool	User mode	Diagnosis mode
Air bag warning lamp	×	×
CONSULT-III	–	×

Diagnosis with Air Bag Warning Lamp

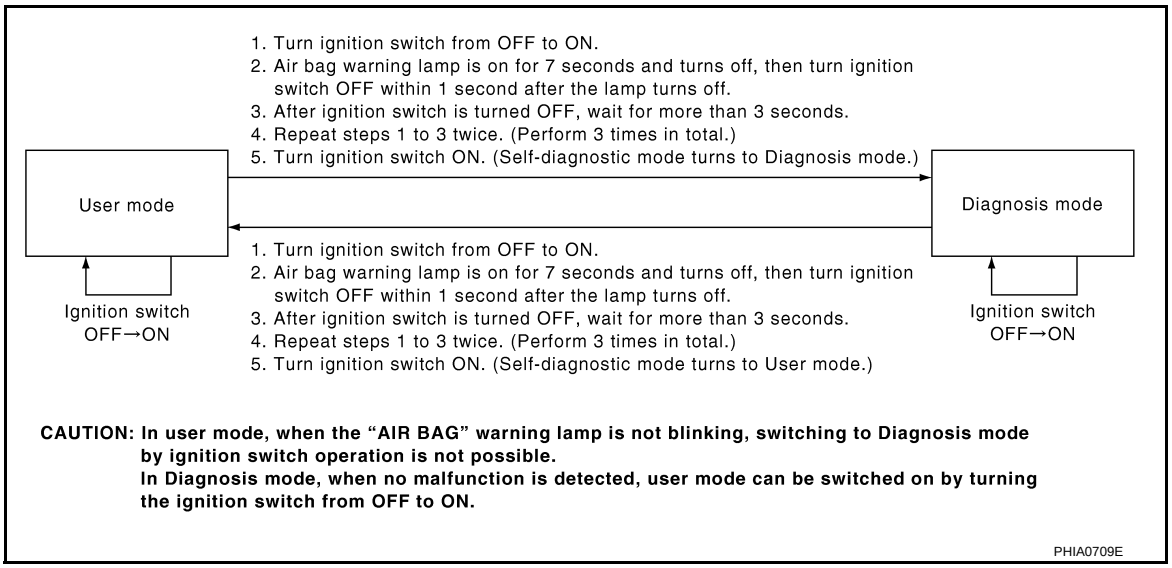
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SELF DIAGNOSIS FUNCTION

There are two self diagnosis functions with air bag warning lamp per the following items.

- USER MODE
- DIAGNOSIS MODE

HOW TO CHANGE SELF DIAGNOSIS MODE WITHOUT CONSULT-III



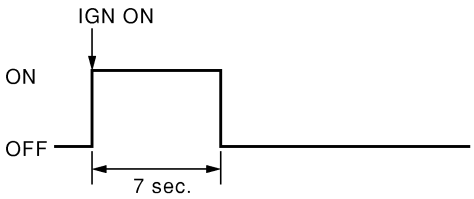
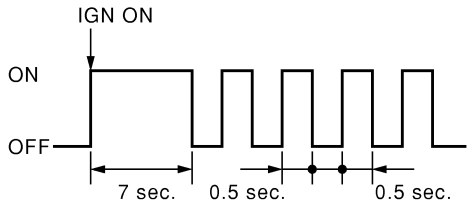
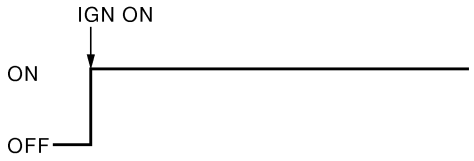
USER MODE

In USER MODE, air bag warning lamp on combination meter blinks when a malfunction is detected and warns the customer (driver).

How to Read Air Bag Warning Lamp

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

Air Bag Warning Lamp Examples

Air bag warning lamp operation (user mode)	SRS condition	Reference item
 SHIA0011E	• No malfunction is detected • No further action is necessary	—
 SHIA0012E	The system is malfunctioning	Check “Self Diagnostic Result” with CONSULT-IIII Refer to SRC-23, "CONSULT-III Function"
	Battery voltage is low (less than 9 V)	Check “CAUSE OF WARNING” in “Special Function” with CONSULT-III. Refer to SRC-23, "CONSULT-III Function"
 SHIA0013E	• Air bag is deployed • Seat belt pre-tensioner is deployed	Go to SRC-146, "Diagnosis Procedure" or SRC-147, "Diagnosis Procedure"
	• Air bag diagnosis sensor unit is malfunctioning • Air bag power supply circuit is malfunctioning • Air bag warning lamp circuit is malfunctioning	Go to SRC-168, "Diagnosis Procedure"
 SHIA0014E	• Air bag diagnosis sensor unit is malfunctioning • Air bag warning lamp circuit is malfunctioning	Go to SRC-169, "Diagnosis Procedure"

DIAGNOSIS MODE

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

How to Read Air Bag Warning Lamp

1. Follow the procedures of “HOW TO CHANGE SELF-DIAGNOSIS MODE WITHOUT CONSULT-III”, and switch to the diagnosis mode.
2. Turn ignition switch ON. Check the blinking pattern of air bag warning lamp.
   There are 2 blinking patterns for the air bag warning lamp as per the following items.
   • Front air bag system: 3 second blink followed by a 0.5 second blink repeated.

- Side air bag system: Two 1.5 second blinks followed by a 0.5 second blink repeated.

Front air bag system

Number of 0.5 second blinks	Malfunctioning items	Blinking pattern
0	Self-diagnosis result is not deleted	—
1	Seat belt pre-tensioner LH	Refer to the following items • SRC-81, "DTC Logic" • SRC-83, "DTC Logic" • SRC-85, "DTC Logic" • SRC-87, "DTC Logic"
2	Driver air bag module	Refer to the following items • SRC-51, "DTC Logic" • SRC-53, "DTC Logic" • SRC-55, "DTC Logic" • SRC-57, "DTC Logic" • SRC-71, "DTC Logic"
3	Seat belt pre-tensioner RH	Refer to the following items • SRC-73, "DTC Logic" • SRC-75, "DTC Logic" • SRC-77, "DTC Logic" • SRC-79, "DTC Logic"
5	Occupant Classification System control unit	Refer to the following items • SRC-31, "DTC Logic" • SRC-33, "DTC Logic" • SRC-35, "DTC Logic" • SRC-39, "DTC Logic"
6	Crash zone sensor	Refer to the following items • SRC-43, "DTC Logic" • SRC-45, "DTC Logic" • SRC-47, "DTC Logic"
7	Air bag diagnosis sensor unit	Refer to the following items • SRC-25, "DTC Logic" • SRC-27, "DTC Logic" • SRC-29, "DTC Logic" • SRC-41, "DTC Logic" • SRC-49, "DTC Logic" • SRC-59, "DTC Logic" • SRC-69, "DTC Logic" • SRC-89, "DTC Logic" • SRC-91, "DTC Logic" • SRC-101, "DTC Logic" • SRC-119, "DTC Logic" • SRC-121, "DTC Logic" • SRC-138, "DTC Logic" • SRC-140, "DTC Logic" • SRC-142, "DTC Logic" • SRC-144, "DTC Logic" • SRC-153, "DTC Logic"
8	Passenger air bag module	Refer to the following items • SRC-61, "DTC Logic" • SRC-63, "DTC Logic" • SRC-65, "DTC Logic" • SRC-67, "DTC Logic"
11	Passenger air bag OFF indicator	Refer to SRC-37, "DTC Logic".
17	Air bag diagnosis sensor unit	Refer to SRC-121, "DTC Logic"

Side air bag system

Number of 0.5-second blinks	Malfunctioning items	Blinking pattern
1	Side air bag module RH	Refer to the following items • SRC-103, "DTC Logic" • SRC-105, "DTC Logic" • SRC-107, "DTC Logic" • SRC-109, "DTC Logic"
2	Side air bag module LH	Refer to the following items • SRC-111, "DTC Logic" • SRC-113, "DTC Logic" • SRC-115, "DTC Logic" • SRC-117, "DTC Logic"
3	Satellite sensor RH	Refer to the following items • SRC-93, "DTC Logic" • SRC-95, "DTC Logic" • SRC-149, "DTC Logic"
4	Satellite sensor LH	Refer to the following items • SRC-97, "DTC Logic" • SRC-99, "DTC Logic" • SRC-151, "DTC Logic"
5	Curtain air bag module RH	Refer to the following items • SRC-122, "DTC Logic" • SRC-124, "DTC Logic" • SRC-126, "DTC Logic" • SRC-128, "DTC Logic"
6	Curtain air bag module LH	Refer to the following items • SRC-130, "DTC Logic" • SRC-132, "DTC Logic" • SRC-134, "DTC Logic" • SRC-136, "DTC Logic"

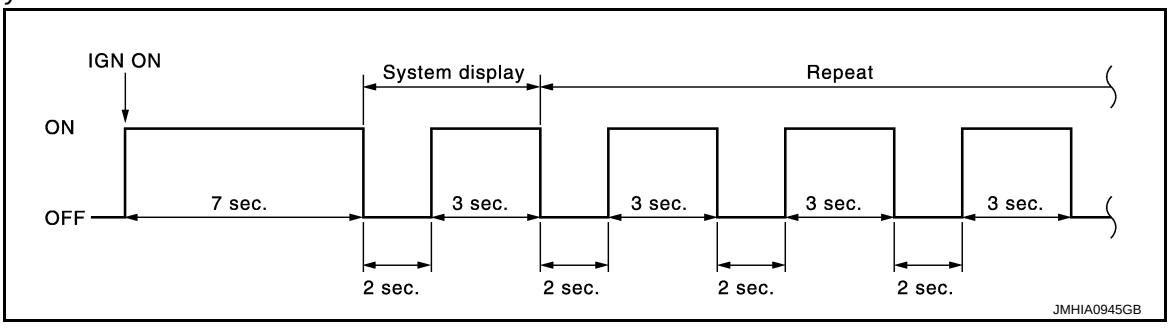
How to Erase Self Diagnosis Result

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

EXAMPLE OF AIR BAG WARNING LAMP OPERATION IN THE DIAGNOSIS MODE

System Normal

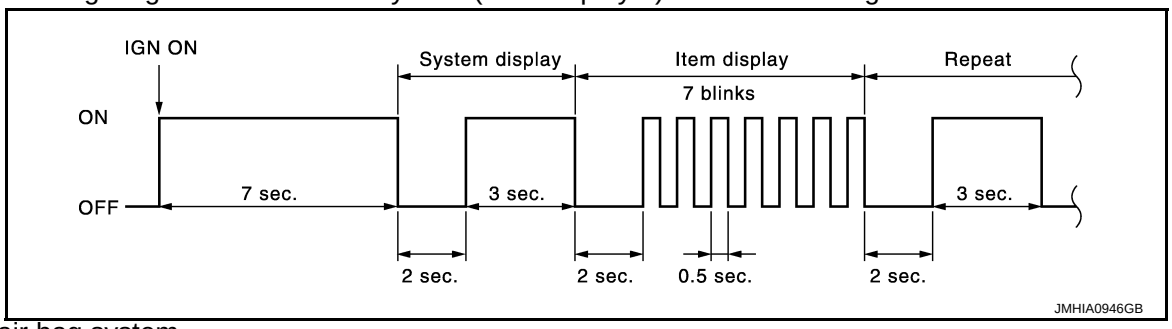
When system is normal.



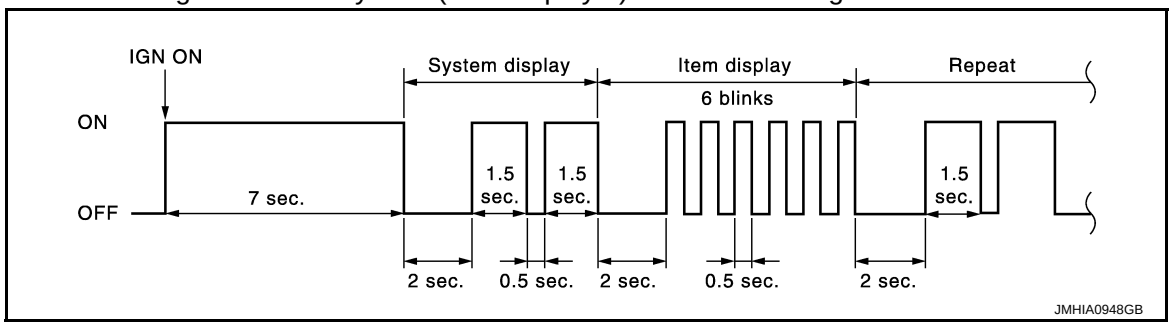
Single System Malfunction

- Front air bag system

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

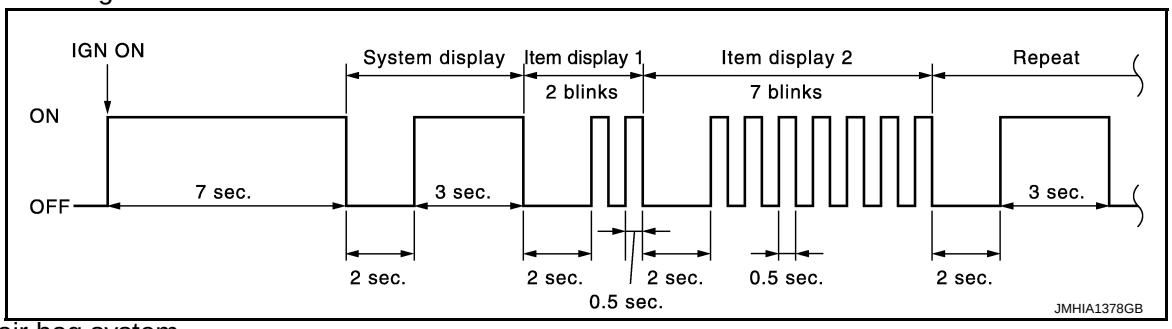


- Side air bag system
  When curtain air bag module LH system (Item display 1) is malfunctioning.

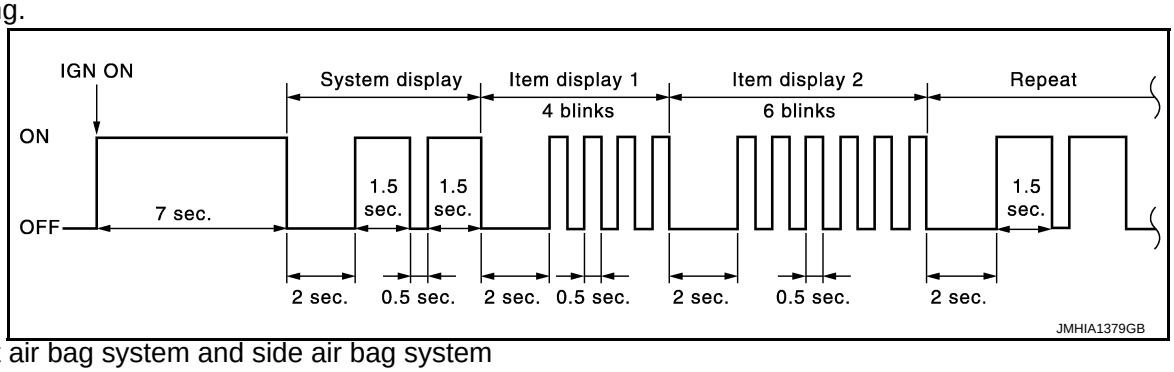


Multiple Systems Malfunction

- Front air bag system
  When driver air bag module (Item display 1) and air bag diagnosis sensor unit system (Item display 2) are malfunctioning.

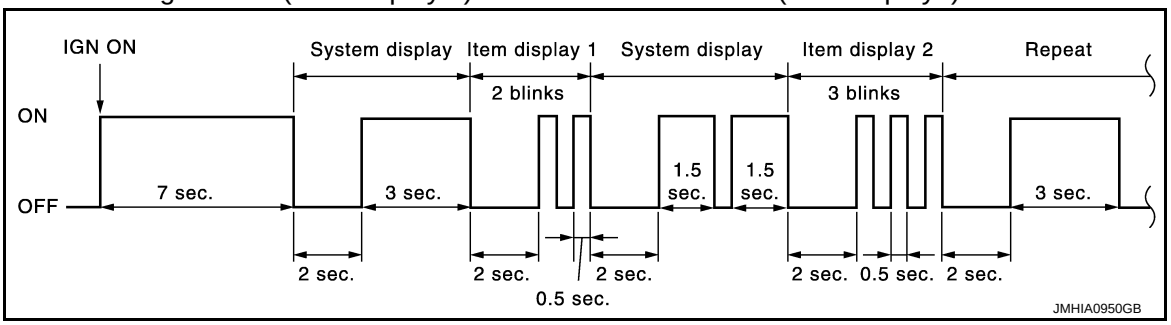


- Side air bag system
  When satellite sensor LH (Item display1) and curtain air bag module LH system (Item display 2) are malfunctioning.



- Front air bag system and side air bag system

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



CONSULT-III Function

INFOID:0000000005234253

APPLICATION ITEM

CONSULT-III performs the following functions.

Diagnosis mode		Description
Ecu Identification		Air bag diagnosis sensor unit ECU discriminated number (identification number) is displayed. Air bag diagnosis sensor unit has individual ECU discriminated number (identification number) based on model and equipment.
Self Diagnostic Result		The current self diagnosis results (also indicated with the number of air bag warning lamp blinks in the diagnosis mode) are displayed on CONSULT-III screen in real time. This refers to a malfunctioning part requiring repairs. Refer to SRC-155, "DTC Index".
Function Test	CAR COMPUTER DIAG.	Test result is indicated using “OK” or “NG” so that the customer recognizes easily.
Special function	SELF-DIAG [PAST]	Diagnosis results previously stored in the memory are displayed on CONSULT-III screen. The stored results are not erased until memory erasing is executed.
	TROUBLE DIAG RECORD	With TROUBLE DIAG RECORD, diagnosis results previously erased by a reset operation can be displayed on CONSULT-III screen.
	CAUSE OF WARNING	It displays the cause of warning lamp illumination that is not recorded in memory.

HOW TO ERASE SELF DIAGNOSTIC RESULTS

- “Self Diagnostic Result”
  A current self-diagnosis result is displayed on CONSULT-III screen in real time.
  After the malfunction is repaired completely, no malfunction is detected on “Self Diagnostic Result”.
- “SELF-DIAG [PAST]”
  Return to “Self Diagnostic Result” CONSULT-III screen by touching the “BACK” key of CONSULT-III and select “Self Diagnostic Result” in SELECT DIAG MODE. Touch “ERASE” in “Self Diagnostic Result” mode.
  NOTE:
  If the memory of the malfunction in “SELF-DIAG [PAST]” is not erased, the user mode shows the system malfunction by the illumination of the warning lamp even if the malfunction is repaired completely.
- “TROUBLE DIAG RECORD”
  The memory of “TROUBLE DIAG RECORD” cannot be erased.

SPECIAL FUNCTION

CAUSE OF WARNING

This item indicates IGN low voltage condition.
The air bag warning lamp blink in user mode when the battery voltage is lowered to the voltage value (less than 9 V) at which the SRS cannot be operated normally. The air bag warning lamp turns OFF after the battery voltage returns to normal status after blinking.
In such a case, the DTC memory is not performed and changing to the self-diagnostic mode by IGN operation cannot be performed while the air bag warning lamp illuminates. “NO DTC” is displayed even if the malfunctioning parts are checked by CONSULT-III.
This function records the following items.

Display contents of CONSULT-III		Description
Air bag	IGN VOLT COND	“LOW” is displayed when IGN low voltage is detected. If not, “OK” is displayed.
	IGN VOLT TIME	Times of IGN low voltage is detected.
	LOW V RECORED	Times of IGN ON after IGN low voltage is detected.

DTC/CIRCUIT DIAGNOSIS

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

Description

INFOID:0000000005234254

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005234255

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1001 B1002 B1003 B1004 B1005	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-25, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234256

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

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".

2. Perform DTC confirmation procedure. Refer to SRC-25, "DTC Logic".

Is DTC detected?

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

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

Description

INFOID:0000000005234257

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005234258

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1006 B1007 B1008 B1009 B1010	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-27, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234259

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-27, "DTC Logic"

Is DTC detected?

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

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

Description

INFOID:0000000005234260

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005234261

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1011 B1012 B1013 B1014 B1015	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-29, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234262

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-29, "DTC Logic"

Is DTC detected?

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

B1017, B1020, B1021 OCCUPANT SYSTEM CONTROL UNIT

Description

INFOID:0000000005234263

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

DTC Logic

INFOID:0000000005234264

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1017 B1020 B1021	OCCUPANT SENS C/U [UNIT FAIL]	Occupant Classification System control unit is malfunctioning	• Disconnection of wiring harness • Malfunction in Occupant Classification System control unit • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result with CONSULT-III.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-31, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234265

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

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-31, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

4. REPLACE OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace passenger seat cushion assembly. Refer to SE-88, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-31, "DTC Logic".

Is DTC detected?

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

B1018 OCCUPANT SYSTEM SENSOR

Description

INFOID:0000000005234266

Occupant Classification System sensor detects occupant in passenger seat and transmits it to Occupant Classification System control unit.

DTC Logic

INFOID:0000000005234267

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1018	OCCUPANT SENS [UNIT FAIL]	Occupant Classification System sensor is malfunctioning	• Disconnection of wiring harness • Malfunction in Occupant Classification System sensor • Malfunction in Occupant Classification System control unit • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result with CONSULT-III.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-33, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234268

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

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-33, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

4. REPLACE OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT AND SENSOR

1. Replace passenger seat cushion assembly. Refer to SE-88, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-33, "DTC Logic".

Is DTC detected?

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

B1022 OCCUPANT SYSTEM CONTROL UNIT

Description

INFOID:0000000005234269

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

DTC Logic

INFOID:0000000005234270

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1022	OCCUPANT SENS C/U [COMM FAIL]	Malfunction occurs in Occupant Classification System control unit, circuit of Occupant Classification System control unit-Air bag diagnosis sensor unit, or Air bag diagnosis sensor unit	• Disconnection of wiring harness • Malfunction in Occupant Classification System control unit • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result with CONSULT-III.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-35, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234271

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

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-35, "DTC Logic".

Is DTC detected?

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

4. CHECK OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace passenger seat cushion assembly. Refer to SE-88, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-35, "DTC Logic".

Is DTC detected?

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

B1023 PASSENGER AIR BAG OFF INDICATOR

Description

INFOID:0000000005234272

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

DTC Logic

INFOID:0000000005234273

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1023	PASS A/B INDCTR CKT [UNIT FAIL]	Passenger air bag OFF indicator circuit is open or shorted to ground or the circuits are shorted each other	• Disconnection of wiring harness • Malfunction in passenger air bag OFF indicator • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result with CONSULT-III.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-37, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234274

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

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to IP-12, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-37, "DTC Logic".

Is DTC detected?

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

4. CHECK PASSENGER AIR BAG OFF INDICATOR

1. Replace passenger air bag OFF indicator. Refer to IP-12, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-37, "DTC Logic".

Is DTC detected?

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

B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR

Description

INFOID:0000000005234275

Occupant Classification System sensor detects occupant in passenger seat and transmits it to Occupant Classification System control unit.

DTC Logic

INFOID:0000000005234276

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1025 B1032 B1048	OCS SENSOR	Malfunction occurs in Occupant Classification System control unit, circuit of Occupant Classification System control unit-Air bag diagnosis sensor unit, or Air bag diagnosis sensor unit	• Disconnection of wiring harness • Internal breakdown in Occupant Classification System control unit • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result with CONSULT-III.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-39, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234277

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

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-39, "DTC Logic".

Is DTC detected?

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

4. CHECK OCCUPANT DETECTION SYSTEM CONTROL UNIT

1. Replace passenger seat cushion assembly. Refer to SE-88, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-39, "DTC Logic".

Is DTC detected?

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

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

Description

INFOID:0000000005234278

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005234279

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1026 B1027 B1028 B1029 B1030 B1031	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-41, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234280

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-41, "DTC Logic".

Is DTC detected?

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

B1033, B1034 CRASH ZONE SENSOR

Description

INFOID:0000000005234281

Crash zone sensor is a G sensor that outputs voltage signal during deceleration at the time of a vehicle frontal collision that is more than the specified limit is detected.

DTC Logic

INFOID:0000000005234282

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1033 B1034	CRASH ZONE SENSOR [UNIT FAIL]	Crash zone sensor is malfunctioning	• Disconnection of wiring harness • Malfunction in crash zone sensor • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-43, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234283

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-43, "DTC Logic".

Is DTC detected?

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

4.REPLACE CRASH ZONE SENSOR

1. Replace crash zone sensor. Refer to SR-26, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-43, "DTC Logic".

Is DTC detected?

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

B1035, B1036 CRASH ZONE SENSOR

Description

INFOID:0000000005234284

Crash zone sensor is a G sensor that outputs voltage signal during deceleration at the time of a vehicle frontal collision that is more than the specified limit is detected.

DTC Logic

INFOID:0000000005234285

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1035 B1036	CRASH ZONE SENSOR [COMM FAIL] [UNMATCH]	Crash zone sensor is malfunctioning or out of the specified specification	• Disconnection of wiring harness • Malfunction in crash zone sensor • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-45, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234286

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-45, "DTC Logic".

Is DTC detected?

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

4. REPLACE CRASH ZONE SENSOR

1. Replace crash zone sensor. Refer to SR-26, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-45, "DTC Logic".

Is DTC detected?

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

B1037, B1039, B1041 CRASH ZONE SENSOR

Description

INFOID:0000000005234287

Crash zone sensor is a G sensor that outputs voltage signal during deceleration at the time of a vehicle frontal collision that is more than the specified limit is detected.

DTC Logic

INFOID:0000000005234288

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1037 B1039 B1041	CRASH ZONE SENSOR1	Crash zone sensor is malfunctioning	• Disconnection of wiring harness • Malfunction in crash zone sensor • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-47, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234289

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-47, "DTC Logic".

Is DTC detected?

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

4.REPLACE CRASH ZONE SENSOR

1. Replace crash zone sensor. Refer to SR-26, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-47, "DTC Logic".

Is DTC detected?

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

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

Description

INFOID:0000000005234290

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005234291

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1042 B1043 B1044 B1045 B1046 B1047	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-49, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234292

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-49, "DTC Logic".

Is DTC detected?

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

B1049, B1054 DRIVER AIR BAG MODULE

Description

INFOID:0000000005234293

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005234294

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1049 B1054	DRIVER AIRBAG MODULE [OPEN]	Driver air bag module circuit is open (including the spiral cable)	• Disconnection of wiring harness and open • Malfunction in driver air bag module • Malfunction in spiral cable • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-51, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234295

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.CHECK SPIRAL CABLE CIRCUIT

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

Except for Mexico

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	
M301	12		29	
	9		30	

For Mexico

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	

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

Except for Mexico

Driver side air bag module		Ground	Continuity
Connector	Terminal		
M302	10		Not existed
	11		
M301	12		
	9		

For Mexico

Driver side air bag module		Ground	Continuity
Connector	Terminal		
M302	10		Not existed
	11		

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace combination switch (spiral cable). Refer to SR-17, "Exploded View".

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-51, "DTC Logic".

Is DTC detected?

YES >> GO TO 5.
NO >> INSPECTION END

5. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to SR-14, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-51, "DTC Logic".

Is DTC detected?

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

B1050, B1055 DRIVER AIR BAG MODULE

Description

INFOID:0000000005234296

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005234297

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1050 B1055	DRIVER AIRBAG MODULE [VB-SHORT]	Driver air bag module circuit is shorted to power supply circuit (including the spiral cable)	• Disconnection of wiring harness and short • Malfunction in driver air bag module • Malfunction in spiral cable • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-53, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234298

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.CHECK SPIRAL CABLE CIRCUIT

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

Except for Mexico

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	
M301	12		29	
	9		30	

For Mexico

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	

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

Except for Mexico

Driver side air bag module		Ground	Continuity
Connector	Terminal		
M302	10		Not existed
	11		
M301	12		
	9		

For Mexico

Driver side air bag module		Ground	Continuity
Connector	Terminal		
M302	10		Not existed
	11		

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace combination switch (spiral cable). Refer to SR-17, "Exploded View".

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-53, "DTC Logic".

Is DTC detected?

YES >> GO TO 5.
NO >> INSPECTION END

5. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to SR-14, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-53, "DTC Logic".

Is DTC detected?

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

B1051, B1056 DRIVER AIR BAG MODULE

Description

INFOID:0000000005234299

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005234300

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1051 B1056	DRIVER AIRBAG MODULE [GND-SHORT]	Driver air bag module circuit is shorted to ground (including the spiral cable)	• Disconnection of wiring harness and short • Malfunction in driver air bag module • Malfunction in spiral cable • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-55, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234301

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.CHECK SPIRAL CABLE CIRCUIT

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

Except for Mexico

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	
M301	12		29	
	9		30	

For Mexico

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	

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

Except for Mexico

Driver side air bag module		Ground	Continuity
Connector	Terminal		
M302	10		Not existed
	11		
M301	12		
	9		

For Mexico

Driver side air bag module		Ground	Continuity
Connector	Terminal		
M302	10		Not existed
	11		

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace combination switch (spiral cable). Refer to SR-17, "Exploded View".

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-55, "DTC Logic".

Is DTC detected?

YES >> GO TO 5.
NO >> INSPECTION END

5. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to SR-14, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-55, "DTC Logic".

Is DTC detected?

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

B1052, B1057 DRIVER AIR BAG MODULE

Description

INFOID:0000000005234302

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005234303

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1052 B1057	DRIVER AIRBAG MODULE [SHORT]	Driver air bag module circuit are shorted to each other (including the spiral cable)	• Disconnection of wiring harness and short • Malfunction in driver air bag module • Malfunction in spiral cable • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-57, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234304

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.CHECK SPIRAL CABLE CIRCUIT

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

Except for Mexico

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	
M301	12		29	
	9		30	

For Mexico

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	

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

Except for Mexico

Driver side air bag module		Ground	Continuity
Connector	Terminal		
M302	10		Not existed
	11		
M301	12		
	9		

For Mexico

Driver side air bag module		Ground	Continuity
Connector	Terminal		
M302	10		Not existed
	11		

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace combination switch (spiral cable). Refer to SR-17, "Exploded View".

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-57, "DTC Logic".

Is DTC detected?

YES >> GO TO 5.
NO >> INSPECTION END

5. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to SR-14, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-57, "DTC Logic".

Is DTC detected?

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

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

Description

INFOID:0000000005234305

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005234306

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1058 B1059 B1060 B1061 B1062 B1063	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-59, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234307

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-59, "DTC Logic".

Is DTC detected?

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

B1065, B1070 PASSENGER AIR BAG MODULE

Description

INFOID:0000000005234308

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005234309

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1065 B1070	ASSIST A/B MODULE [OPEN]	Passenger air bag module circuit is open	• Disconnection of wiring harness and open • Malfunction in passenger air bag module • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-61, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234310

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-61, "DTC Logic".

Is DTC detected?

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

4. REPLACE FRONT PASSENGER AIR BAG MODULE

1. Replace front passenger air bag module. Refer to SR-20, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-61, "DTC Logic".

Is DTC detected?

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

B1066, B1071 PASSENGER AIR BAG MODULE

Description

INFOID:0000000005234311

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005234312

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1066 B1071	ASSIST A/B MODULE [VB-SHORT]	Passenger air bag module circuit is shorted to power supply circuit	• Disconnection of wiring harness and short • Malfunction in passenger air bag module • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-63, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234313

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-63, "DTC Logic".

Is DTC detected?

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

4. REPLACE FRONT PASSENGER AIR BAG MODULE

1. Replace front passenger air bag module. Refer to SR-20, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-63, "DTC Logic".

Is DTC detected?

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

B1067, B1072 PASSENGER AIR BAG MODULE

Description

INFOID:0000000005234314

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005234315

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1067 B1072	ASSIST A/B MODULE [GND-SHORT]	Passenger air bag module circuit is shorted to ground	• Disconnection of wiring harness and short • Malfunction in passenger air bag module • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-65, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234316

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-65, "DTC Logic".

Is DTC detected?

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

4. REPLACE FRONT PASSENGER AIR BAG MODULE

1. Replace front passenger air bag module. Refer to SR-20, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-65, "DTC Logic".

Is DTC detected?

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

B1068, B1073 PASSENGER AIR BAG MODULE

Description

INFOID:0000000005234317

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005234318

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1068 B1073	ASSIST A/B MODULE [SHORT]	Passenger air bag module circuits are shorted to each other	• Disconnection of wiring harness and short • Malfunction in passenger air bag module • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-67, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234319

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-67, "DTC Logic".

Is DTC detected?

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

4. REPLACE FRONT PASSENGER AIR BAG MODULE

1. Replace front passenger air bag module. Refer to SR-20, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-67, "DTC Logic".

Is DTC detected?

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

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

Description

INFOID:0000000005234320

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005234321

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1074 B1075 B1076 B1077 B1078 B1079	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-69, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234322

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-69, "DTC Logic".

Is DTC detected?

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

B1080, B1096 DRIVER AIR BAG MODULE

Description

INFOID:0000000005234323

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005234324

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1080 B1096	DRIVER AIRBAG MODULE [SHORT]	Driver air bag module circuit are shorted to each other (including the spiral cable)	• Disconnection of wiring harness and short • Malfunction in driver air bag module • Malfunction in spiral cable • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-71, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234325

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.CHECK SPIRAL CABLE CIRCUIT

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

Except for Mexico

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	
M301	12		29	
	9		30	

For Mexico

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	

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

Except for Mexico

Driver side air bag module		Ground	Continuity
Connector	Terminal		
M302	10		Not existed
	11		
M301	12		
	9		

For Mexico

Driver side air bag module		Ground	Continuity
Connector	Terminal		
M302	10		Not existed
	11		

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace combination switch (spiral cable). Refer to SR-17, "Exploded View".

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-71, "DTC Logic".

Is DTC detected?

YES >> GO TO 5.
NO >> INSPECTION END

5. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to SR-14, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-71, "DTC Logic".

Is DTC detected?

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

B1081 SEAT BELT PRE-TENSIONER RH

Description

INFOID:0000000005234326

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

DTC Logic

INFOID:0000000005234327

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1081	PRE-TEN FRONT RH [OPEN]	Seat belt pre-tensioner RH circuit is open	• Disconnection of wiring harness and open • Malfunction in seat belt pre-tensioner RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-73, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234328

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-73, "DTC Logic".

Is DTC detected?

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

4. REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to SB-9, "SEAT BELT RETRACTOR : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-73, "DTC Logic".

Is DTC detected?

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

B1082 SEAT BELT PRE-TENSIONER RH

Description

INFOID:0000000005234329

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

DTC Logic

INFOID:0000000005234330

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1082	PRE-TEN FRONT RH [VB-SHORT]	Seat belt pre-tensioner RH circuit is shorted to power supply circuit	• Disconnection of wiring harness and short • Malfunction in seat belt pre-tensioner RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-75, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234331

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-75, "DTC Logic".

Is DTC detected?

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

4. REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to SB-9, "SEAT BELT RETRACTOR : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-75, "DTC Logic".

Is DTC detected?

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

B1083 SEAT BELT PRE-TENSIONER RH

Description

INFOID:0000000005234332

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

DTC Logic

INFOID:0000000005234333

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1083	PRE-TEN FRONT RH [GND-SHORT]	Seat belt pre-tensioner RH circuit is shorted to ground	• Disconnection of wiring harness and short • Malfunction in seat belt pre-tensioner RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-77, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234334

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-77, "DTC Logic".

Is DTC detected?

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

4. REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to SB-9, "SEAT BELT RETRACTOR : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-77, "DTC Logic".

Is DTC detected?

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

B1084 SEAT BELT PRE-TENSIONER RH

Description

INFOID:0000000005234335

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

DTC Logic

INFOID:0000000005234336

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1084	PRE-TEN FRONT RH [SHORT]	Seat belt pre-tensioner RH circuits are shorted to each other	• Disconnection of wiring harness and short • Malfunction in seat belt pre-tensioner RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-79, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234337

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-79, "DTC Logic".

Is DTC detected?

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

4. REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to SB-9, "SEAT BELT RETRACTOR : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-79, "DTC Logic".

Is DTC detected?

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

B1086 SEAT BELT PRE-TENSIONER LH

Description

INFOID:0000000005234338

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

DTC Logic

INFOID:0000000005234339

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1086	PRE-TEN FRONT LH [OPEN]	Seat belt pre-tensioner LH circuit is open	• Disconnection of wiring harness and open • Malfunction in seat belt pre-tensioner LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-81, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234340

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-81, "DTC Logic".

Is DTC detected?

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

4. REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to SB-9, "SEAT BELT RETRACTOR : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-81, "DTC Logic".

Is DTC detected?

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

B1087 SEAT BELT PRE-TENSIONER LH

Description

INFOID:0000000005234341

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

DTC Logic

INFOID:0000000005234342

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1087	PRE-TEN FRONT LH [VB-SHORT]	Seat belt pre-tensioner LH circuit is shorted to power supply circuit	• Disconnection of wiring harness and short • Malfunction in seat belt pre-tensioner LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-83, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234343

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-83, "DTC Logic".

Is DTC detected?

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

4. REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to SB-9, "SEAT BELT RETRACTOR : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-83, "DTC Logic".

Is DTC detected?

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

B1088 SEAT BELT PRE-TENSIONER LH

Description

INFOID:0000000005234344

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

DTC Logic

INFOID:0000000005234345

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1088	PRE-TEN FRONT LH [GND-SHORT]	Seat belt pre-tensioner LH circuit is shorted to ground	• Disconnection of wiring harness and short • Malfunction in seat belt pre-tensioner LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-85, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234346

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-85, "DTC Logic".

Is DTC detected?

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

4. REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to SB-9, "SEAT BELT RETRACTOR : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-85, "DTC Logic".

Is DTC detected?

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

B1089 SEAT BELT PRE-TENSIONER LH

Description

INFOID:0000000005234347

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

DTC Logic

INFOID:0000000005234348

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1089	PRE-TEN FRONT LH [SHORT]	Seat belt pre-tensioner LH circuits are shorted to each other	• Disconnection of wiring harness and short • Malfunction in seat belt pre-tensioner LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-87, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234349

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-87, "DTC Logic".

Is DTC detected?

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

4. REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to SB-9, "SEAT BELT RETRACTOR : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-87, "DTC Logic".

Is DTC detected?

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

B1090, B1091, B1092, B1093, B1094, B1095 DIAGNOSIS SENSOR UNIT

Description

INFOID:0000000005234350

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005234351

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1090 B1091 B1092 B1093 B0194 B1095	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-89, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234352

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-89, "DTC Logic".

Is DTC detected?

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

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

Description

INFOID:0000000005234353

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005234354

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1106 B1107 B1108 B1109 B1110 B1111	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-91, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234355

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-91, "DTC Logic".

Is DTC detected?

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

B1113, B1114 SATELLITE SENSOR RH

Description

INFOID:0000000005234356

When air bag diagnosis sensor unit defines both signal voltage of the “G” sensor and the safing algorithm to be that of collision which is more than the specified level, the driving circuit switches on and feeds the electric ignitor of both the front side air bag and side curtain air bag.

DTC Logic

INFOID:0000000005234357

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1113 B1114	SATELLITE SENS RH [UNIT FAIL]	Satellite sensor RH is malfunctioning	• Disconnection of wiring harness • Malfunction in satellite sensor RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-93, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234358

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-93, "DTC Logic".

Is DTC detected?

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

4. REPLACE SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to SR-28, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-93, "DTC Logic".

Is DTC detected?

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

B1115, B1116 SATELLITE SENSOR RH

Description

INFOID:0000000005234359

When air bag diagnosis sensor unit defines both signal voltage of the “G” sensor and the safing algorithm to be that of collision which is more than the specified level, the driving circuit switches on and feeds the electric ignitor of both the front side air bag and side curtain air bag.

DTC Logic

INFOID:0000000005234360

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1115 B1116	SATELLITE SENS RH [COMM FAIL] [UNMATCH]	Satellite sensor RH is malfunctioning or out of the specified specification	• Disconnection of wiring harness • Malfunction in satellite sensor RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-95, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234361

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-95, "DTC Logic".

Is DTC detected?

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

4. REPLACE SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to SR-28, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-95, "DTC Logic".

Is DTC detected?

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

B1118, B1119 SATELLITE SENSOR LH

Description

INFOID:0000000005234362

When air bag diagnosis sensor unit defines both signal voltage of the “G” sensor and the safing algorithm to be that of collision which is more than the specified level, the driving circuit switches on and feeds the electric ignitor of both the front side air bag and side curtain air bag.

DTC Logic

INFOID:0000000005234363

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1118 B1119	SATELLITE SENS LH [UNIT FAIL]	Satellite sensor LH is malfunctioning	• Disconnection of wiring harness • Malfunction in satellite sensor LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-97, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234364

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-28, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-97, "DTC Logic".

Is DTC detected?

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

4. REPLACE SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to SR-28, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-97, "DTC Logic"

Is DTC detected?

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

B1120, B1121 SATELLITE SENSOR LH

Description

INFOID:0000000005234365

When air bag diagnosis sensor unit defines both signal voltage of the “G” sensor and the safing algorithm to be that of collision which is more than the specified level, the driving circuit switches on and feeds the electric ignitor of both the front side air bag and side curtain air bag.

DTC Logic

INFOID:0000000005234366

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1120 B1121	SATELLITE SENS LH [COMM FAIL] [UNMATCH]	Satellite sensor LH is malfunctioning or out of the specified specification	• Disconnection of wiring harness • Malfunction in satellite sensor LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-99, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234367

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-99, "DTC Logic".

Is DTC detected?

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

4. REPLACE SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to SR-28, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-99, "DTC Logic".

Is DTC detected?

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

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

Description

INFOID:0000000005234368

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005234369

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1122 B1123 B1124 B1125 B1126 B1127	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-101, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234370

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-101, "DTC Logic".

Is DTC detected?

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

B1129 SIDE AIR BAG MODULE RH

Description

INFOID:0000000005234371

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005234372

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1129	SIDE MODULE RH [OPEN]	Side air bag module RH circuit is open	• Disconnection of wiring harness and open • Malfunction in side air bag module RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status.SRC-18, "Diagnosis with Air Bag Warning Lamp"

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

Is malfunctioning part detected?

YES >> Refer to SRC-103, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234373

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-103, "DTC Logic".

Is DTC detected?

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

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to SE-84, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-103, "DTC Logic".

Is DTC detected?

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

B1130 SIDE AIR BAG MODULE RH

Description

INFOID:0000000005473914

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005234375

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1130	SIDE MODULE RH [VB-SHORT]	Side air bag module RH circuit is shorted to power supply circuit	• Disconnection of wiring harness and short • Malfunction in side air bag module RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-105, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234376

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-105, "DTC Logic".

Is DTC detected?

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

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to SE-84, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-105, "DTC Logic".

Is DTC detected?

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

B1131 SIDE AIR BAG MODULE RH

Description

INFOID:0000000005473915

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005234378

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1131	SIDE MODULE RH [GND-SHORT]	Side air bag module RH circuit is shorted to ground	• Disconnection of wiring harness and short • Malfunction in side air bag module RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-107, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234379

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-107, "DTC Logic".

Is DTC detected?

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

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to SE-84, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-107, "DTC Logic".

Is DTC detected?

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

B1132 SIDE AIR BAG MODULE RH

Description

INFOID:0000000005473917

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005234381

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1132	SIDE MODULE RH [SHORT]	Side air bag module RH circuits are shorted to each other	• Disconnection of wiring harness and short • Malfunction in side air bag module RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-109, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234382

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-109, "DTC Logic".

Is DTC detected?

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

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to SE-84, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-109, "DTC Logic".

Is DTC detected?

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

B1134 SIDE AIR BAG MODULE LH

Description

INFOID:0000000005473922

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005234384

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1134	SIDE MODULE LH [OPEN]	Side air bag module LH circuit is open	• Disconnection of wiring harness and open • Malfunction in side air bag module LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-111, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234385

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-111, "DTC Logic".

Is DTC detected?

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

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to SE-84, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-111, "DTC Logic".

Is DTC detected?

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

B1135 SIDE AIR BAG MODULE LH

Description

INFOID:0000000005473923

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005234387

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1135	SIDE MODULE LH [VB-SHORT]	Side air bag module LH circuit is shorted to power supply circuit	• Disconnection of wiring harness and short • Malfunction in side air bag module LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-113, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234388

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-113, "DTC Logic".

Is DTC detected?

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

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to SE-84, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-113, "DTC Logic".

Is DTC detected?

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

B1136 SIDE AIR BAG MODULE LH

Description

INFOID:0000000005473924

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005234390

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1136	SIDE MODULE LH [GND-SHORT]	Side air bag module LH circuit is shorted to ground	• Disconnection of wiring harness and short • Malfunction in side air bag module LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-115, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234391

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-115, "DTC Logic".

Is DTC detected?

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

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to SE-84, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-115, "DTC Logic".

Is DTC detected?

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

B1137 SIDE AIR BAG MODULE LH

Description

INFOID:0000000005473925

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005234393

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1137	SIDE MODULE LH [SHORT]	Side air bag module LH circuits are shorted to each other	• Disconnection of wiring harness and short • Malfunction in side air bag module LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-117, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234394

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-117, "DTC Logic".

Is DTC detected?

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

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to SE-84, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-117, "DTC Logic".

Is DTC detected?

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

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

Description

INFOID:0000000005473927

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005234396

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1138 B1139 B1140 B1141 B1142 B1143	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-119, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234397

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-119, "DTC Logic".

Is DTC detected?

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

B1144 DIAGNOSIS SENSOR UNIT

Description

INFOID:0000000005473928

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005234399

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1144	Diagnosis sensor unit	Air bag diagnosis sensor unit is malfunctioning or out of the specification	• Malfunction in air bag diagnosis sensor unit • Configuration in air bag diagnosis sensor unit does not match the vehicles specification

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-121, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234400

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-121, "DTC Logic".

Is DTC detected?

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

B1145 CURTAIN AIR BAG MODULE RH

Description

INFOID:0000000005473929

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005234402

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1145	CURTAIN MODULE RH [OPEN]	Curtain air bag module RH circuit is open	• Disconnection of wiring harness and open • Malfunction in side curtain air bag module RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-122, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234403

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-122, "DTC Logic".

Is DTC detected?

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

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module RH. Refer to SE-84, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-122, "DTC Logic".

Is DTC detected?

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

B1146 CURTAIN AIR BAG MODULE RH

Description

INFOID:0000000005473930

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005234405

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1146	CURTAIN MODULE RH [VB-SHORT]	Curtain air bag module RH circuit is shorted to power supply circuit	• Disconnection of wiring harness and short • Malfunction in curtain air bag module RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-124, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234406

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-124, "DTC Logic".

Is DTC detected?

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

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module RH. Refer to SE-84, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-124, "DTC Logic".

Is DTC detected?

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

B1147 CURTAIN AIR BAG MODULE RH

Description

INFOID:0000000005473931

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005234408

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1147	CURTAIN MODULE RH [GND-SHORT]	Curtain air bag module RH circuit is shorted to ground	• Disconnection of wiring harness and short • Malfunction in curtain air bag module RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-126, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234409

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-126, "DTC Logic".

Is DTC detected?

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

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module RH. Refer to SE-84, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-126, "DTC Logic".

Is DTC detected?

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

B1148 CURTAIN AIR BAG MODULE RH

Description

INFOID:0000000005473932

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005234411

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1148	CURTAIN MODULE RH [SHORT]	Curtain air bag module RH circuits are shorted to each other	• Disconnection of wiring harness and short • Malfunction in curtain air bag module RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-128, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234412

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-128, "DTC Logic".

Is DTC detected?

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

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module RH. Refer to SE-84, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-128, "DTC Logic".

Is DTC detected?

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

B1150 CURTAIN AIR BAG MODULE LH

Description

INFOID:0000000005473933

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005234414

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1150	CURTAIN MODULE LH [OPEN]	Curtain air bag module LH circuit is open	• Disconnection of wiring harness and open • Malfunction in curtain air bag module LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-130, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234415

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-130, "DTC Logic".

Is DTC detected?

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

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module LH. Refer to SE-84, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-130, "DTC Logic".

Is DTC detected?

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

B1151 CURTAIN AIR BAG MODULE LH

Description

INFOID:0000000005473934

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005234417

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1151	CURTAIN MODULE LH [VB-SHORT]	Curtain air bag module LH circuit is shorted to power supply circuit	• Disconnection of wiring harness and short • Malfunction in curtain air bag module LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-132, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234418

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-132, "DTC Logic".

Is DTC detected?

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

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module LH. Refer to SE-84, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-132, "DTC Logic".

Is DTC detected?

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

B1152 CURTAIN AIR BAG MODULE LH

Description

INFOID:0000000005473935

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005234420

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1152	CURTAIN MODULE LH [GND-SHORT]	Curtain air bag module LH circuit is shorted to ground	• Disconnection of wiring harness and short • Malfunction in curtain air bag module LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-134, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234421

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-134, "DTC Logic".

Is DTC detected?

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

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module LH. Refer to SE-84, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-134, "DTC Logic".

Is DTC detected?

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

B1153 CURTAIN AIR BAG MODULE LH

Description

INFOID:0000000005473938

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005234423

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1153	CURTAIN MODULE LH [SHORT]	Curtain air bag module LH circuits are shorted to each other	• Disconnection of wiring harness and short • Malfunction in curtain air bag module LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-136, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234424

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-136, "DTC Logic".

Is DTC detected?

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

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module LH. Refer to SE-84, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-136, "DTC Logic".

Is DTC detected?

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

B1154, B1155, B1156, B1157, B1158, B1159 DIAGNOSIS SENSOR UNIT

Description

INFOID:0000000005234425

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005234426

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1154 B1155 B1156 B1157 B1158 B1159	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-138, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234427

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-138, "DTC Logic".

Is DTC detected?

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

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

Description

INFOID:0000000005234428

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005234429

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1170 B1171 B1172 B1173 B1174 B1175	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-140, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234430

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-140, "DTC Logic".

Is DTC detected?

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

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

Description

INFOID:0000000005234431

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005234432

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1186 B1187 B1188 B1189 B1190 B1191	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-142, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234433

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-142, "DTC Logic".

Is DTC detected?

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

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

Description

INFOID:0000000005234434

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005234435

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1202 B1203 B1204 B1205 B1206 B1207	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-144, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234436

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-144, "DTC Logic".

Is DTC detected?

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

B1209 FRONTAL COLLISION DETECTION

Description

INFOID:0000000005234437

The air bags and seat belt pre-tensioners for driver and passenger are activated by the air bag diagnosis sensor unit signal transmitted at the time of the frontal collision.

DTC Logic

INFOID:0000000005234438

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1209	FRONTAL COLLISION DETECTION	Seat belt pre-tensioner, driver side air bag and passenger air bag are deployed	—

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-146, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005484681

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

1.PERFORM COLLISION DIAGNOSIS

Perform collision diagnosis.Refer to SR-8, "FOR FRONTAL COLLISION : When SRS is activated in a collision" or SR-9, "FOR FRONTAL COLLISION : When SRS is not activated in a collision".

Iscollision diagnosis complete?

YES >> GO TO 2.
NO >> INSPECTION END

2.FINAL INSPECTION

Perform “AIR BAG” Self Diagnostic Result.

Is the inspection result normal?

YES >> INSPECTION END
NO >> Peform diagnosis of applicable DTC.Refer to SRC-340, "DTC Index".

B1210 SIDE COLLISION DETECTION

Description

INFOID:0000000005234440

The side air bag and curtain air bag are activated by the air bag diagnosis sensor unit signal transmitted at the time of side collision.

DTC Logic

INFOID:0000000005234441

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1210	SIDE COLLISION DETECTION	Side air bag and curtain air bag are deployed	—

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-147, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005484682

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

1.PERFORM COLLISION DIAGNOSIS

Perform collision diagnosis.Refer to SR-10, "FOR SIDE AND ROLLOVER COLLISION : When SRS is activated in a collision" or SR-11, "FOR SIDE AND ROLLOVER COLLISION : When SRS is not activated in a collision".

Iscollision diagnosis complete?

YES >> GO TO 2.
NO >> INSPECTION END

2.FINAL INSPECTION

Perform “AIR BAG” Self Diagnostic Result.

Is the inspection result normal?

YES >> INSPECTION END
NO >> Peform diagnosis of applicable DTC.Refer to SRC-340, "DTC Index".

B1211 ROLLOVER DETECTION

Description

INFOID:0000000005234443

The seat belt pre-tensioner and curtain air bag are activated by the air bag diagnosis sensor unit signal at the time of rollover.

DTC Logic

INFOID:0000000005234444

DTC DETECTION LOGIC

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

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

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-148, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005484683

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

1.PERFORM COLLISION DIAGNOSIS

Perform collision diagnosis.Refer to SR-10, "FOR SIDE AND ROLLOVER COLLISION : When SRS is activated in a collision" or SR-11, "FOR SIDE AND ROLLOVER COLLISION : When SRS is not activated in a collision".

Iscollision diagnosis complete?

YES >> GO TO 2.
NO >> INSPECTION END

2.FINAL INSPECTION

Perform “AIR BAG” Self Diagnostic Result.

Is the inspection result normal?

YES >> INSPECTION END
NO >> Peform diagnosis of applicable DTC.Refer to SRC-340, "DTC Index".

B1212, B1213, B1214 SATELLITE SENSOR RH

Description

INFOID:0000000005234446

Satellite sensor is a G sensor that outputs voltage signal during deceleration at the time of a vehicle side collision that is more than the specified limit is detected.

DTC Logic

INFOID:0000000005234447

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1212 B1213 B1214	RH1 SAT-SENS	Satellite sensor RH is malfunctioning	• Disconnection of wiring harness • Malfunction in satellite sensor RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-149, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234448

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-149, "DTC Logic".

Is DTC detected?

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

4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to SR-28, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-149, "DTC Logic".

Is DTC detected?

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

B1215, B1216, B1217 SATELLITE SENSOR LH

Description

INFOID:0000000005234449

Satellite sensor is a G sensor that outputs voltage signal during deceleration at the time of a vehicle side collision that is more than the specified limit is detected.

DTC Logic

INFOID:0000000005234450

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1215 B1216 B1217	LH1 SAT-SENS	Satellite sensor LH is malfunctioning	• Disconnection of wiring harness • Malfunction in satellite sensor LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-151, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234451

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-151, "DTC Logic".

Is DTC detected?

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

4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to SR-28, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-151, "DTC Logic"

Is DTC detected?

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

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

Description

INFOID:0000000005234452

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005234453

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1218 B1219 B1220 B1221 B1222 B1223	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-153, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005234454

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-153, "DTC Logic".

Is DTC detected?

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

ECU DIAGNOSIS INFORMATION

DIAGNOSIS SENSOR UNIT

DTC Index

INFOID:0000000005234455

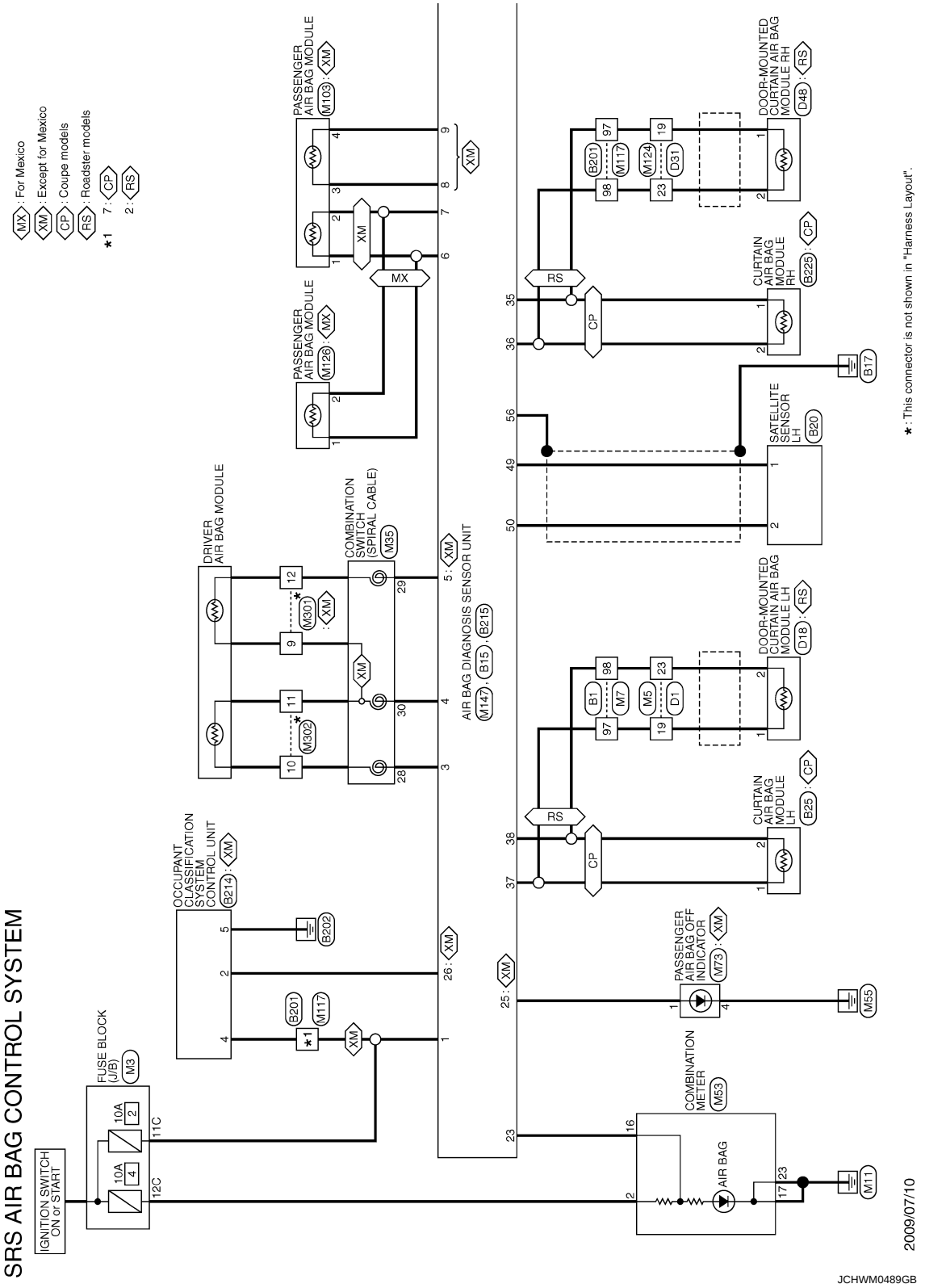
DTC	Diagnostic item	Explanation		Reference page
—	NO DTC IS DETECTED.	When malfunction is indicated by the “AIR BAG” warning lamp in the user mode	Low battery voltage (Less than 9 V)	SRC-31, "DTC Logic".
			• Self-diagnosis result “SELF-DIAG [PAST]” (previously stored in the memory) might not be erased after repair • Intermittent malfunction is detected in the past	SRC-18, "Diagnosis with Air Bag Warning Lamp", SRC-23, "CONSULT-III Function".
		No malfunction is detected		—
B1001-B1015	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning		• SRC-25, "DTC Logic". • SRC-27, "DTC Logic". • SRC-29, "DTC Logic".
B1017 B1020 B1021	OCCUPANT SENS C/U [UNIT FAIL]	Malfunction occurs in Occupant Classification System control unit		SRC-31, "DTC Logic".
B1018	OCCUPANT SENS [UNIT FAIL]	Malfunction occurs in Occupant Classification System sensor		SRC-33, "DTC Logic".
B1022	OCCUPANT SENS C/U [COMM FAIL]	Malfunction occurs in Occupant Classification System control unit, circuit of Occupant Classification System control unit air bag diagnosis sensor unit, or air bag diagnosis sensor unit		SRC-35, "DTC Logic".
B1023	PASS A/B INDCTR CKT	Passenger air bag OFF indicator circuit is open or shorted to ground or the circuits are shorted each other		SRC-37, "DTC Logic".
B1025 B1032 B1048	OCS SENSOR	Malfunction occurs in Occupant Classification System control unit, circuit of Occupant Classification System control unit air bag diagnosis sensor unit, or air bag diagnosis sensor unit		SRC-39, "DTC Logic".
B1026-B1031	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning or out of the specified specification		SRC-41, "DTC Logic".
B1033 B1034	CRASH ZONE SEN [UNIT FAIL]	Crash zone sensor is malfunctioning		SRC-43, "DTC Logic".
B1035	CRASH ZONE SEN [COMM FAIL]	Crash zone sensor is malfunctioning or out of the specified specification		SRC-45, "DTC Logic".
B1036	CRASH ZONE SEN [UNMATCH]			
B1037 B1039 B1041	CRASH ZONE SEN1	Crash zone sensor is malfunctioning		SRC-47, "DTC Logic".
B1042-B1047	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning		SRC-49, "DTC Logic".
B1049 B1054	DRIVER AIRBAG MODULE [OPEN]	Driver air bag module circuit is open (including the spiral cable)		SRC-51, "DTC Logic".
B1050 B1055	DRIVER AIRBAG MODULE [VB-SHORT]	Driver air bag module circuit is shorted to power supply circuit (including the spiral cable)		SRC-53, "DTC Logic".
B1051 B1056	DRIVER AIRBAG MODULE [GND-SHORT]	Driver air bag module circuit is shorted to ground (including the spiral cable)		SRC-55, "DTC Logic".
B1052 B1057	DRIVER AIRBAG MODULE [SHORT]	Driver air bag module circuits are shorted to each other (including spiral cable)		SRC-57, "DTC Logic".

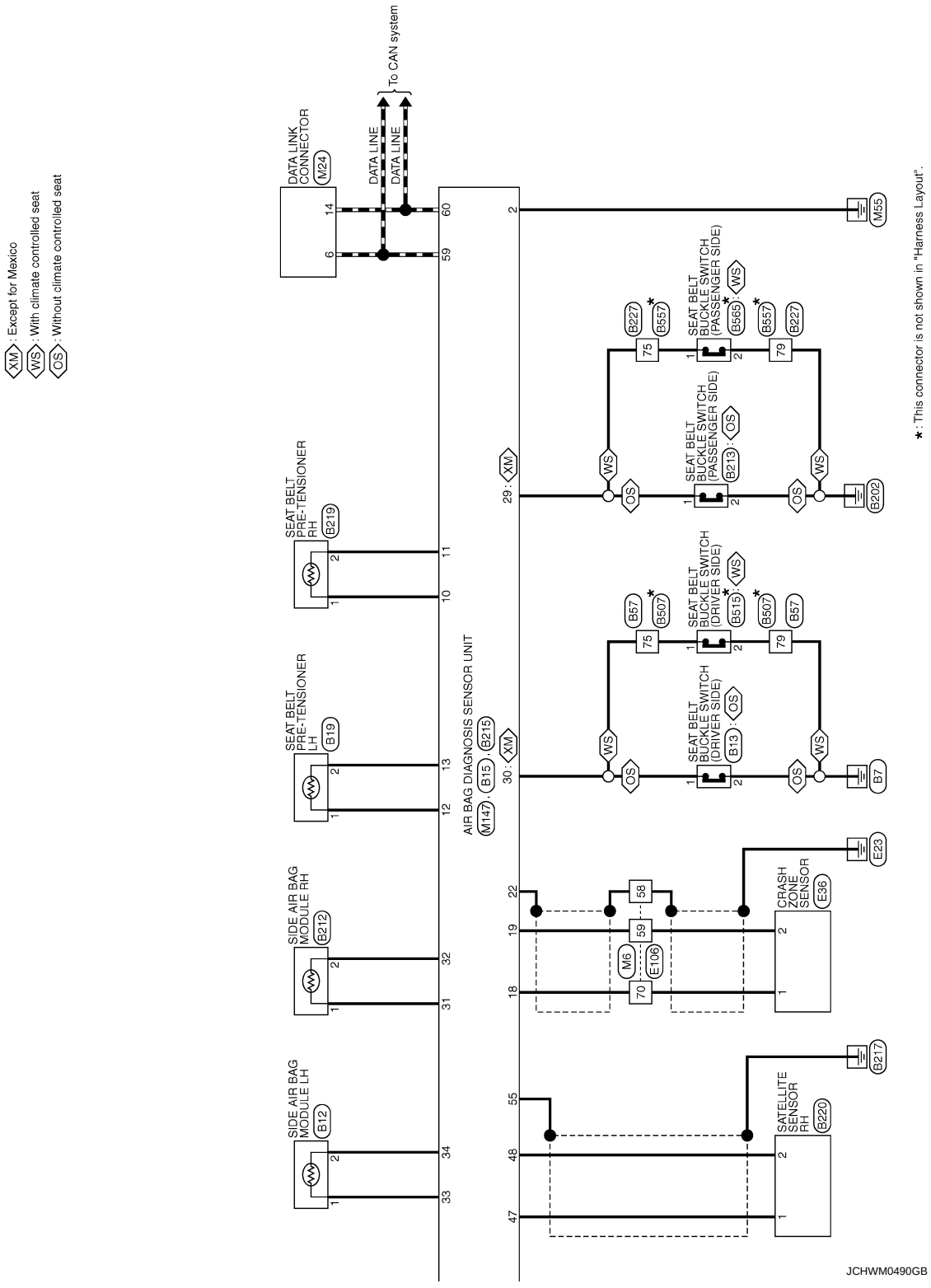
DTC	Diagnostic item	Explanation	Reference page
B1058-B1063	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-59, "DTC Logic".
B1065 B1070	ASSIST A/B MODULE [OPEN]	Passenger air bag module circuit is open	SRC-61, "DTC Logic".
B1066 B1071	ASSIST A/B MODULE [VB-SHORT]	Passenger air bag module circuit is shorted to power supply circuit	SRC-63, "DTC Logic".
B1067 B1072	ASSIST A/B MODULE [GND-SHORT]	Passenger air bag module circuit is shorted to ground	SRC-65, "DTC Logic".
B1068 B1073	ASSIST A/B MODULE [SHORT]	Passenger air bag module circuits are shorted to each other	SRC-67, "DTC Logic".
B1074-B1079	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-69, "DTC Logic".
B1080 B1096	DRIVER AIRBAG MODULE [SHORT]	Driver air bag module circuits are shorted to each other (including spiral cable)	SRC-71, "DTC Logic".
B1081	PRE-TEN FRONT RH [OPEN]	Seat belt pre-tensioner RH circuit is open	SRC-73, "DTC Logic".
B1082	PRE-TEN FRONT RH [VB-SHORT]	Seat belt pre-tensioner RH circuit is shorted to power supply circuit	SRC-75, "DTC Logic".
B1083	PRE-TEN FRONT RH [GND-SHORT]	Seat belt pre-tensioner RH circuit is shorted to ground	SRC-77, "DTC Logic".
B1084	PRE-TEN FRONT RH [SHORT]	Seat belt pre-tensioner RH circuits are shorted to each other	SRC-79, "DTC Logic".
B1086	PRE-TEN FRONT LH [OPEN]	Seat belt pre-tensioner LH circuit is open	SRC-81, "DTC Logic".
B1087	PRE-TEN FRONT LH [VB-SHORT]	Seat belt pre-tensioner LH circuit is shorted to power supply circuit	SRC-83, "DTC Logic".
B1088	PRE-TEN FRONT LH [GND-SHORT]	Seat belt pre-tensioner LH circuit is shorted to ground	SRC-85, "DTC Logic".
B1089	PRE-TEN FRONT LH [SHORT]	Seat belt pre-tensioner LH circuits are shorted to each other	SRC-87, "DTC Logic".
B1090-B1095	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-89, "DTC Logic".
B1106-B1111	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-91, "DTC Logic".
B1113 B1114	SATELLITE SENS RH [UNIT FAIL]	Satellite sensor RH is malfunctioning	SRC-93, "DTC Logic".
B1115	SATELLITE SENS RH [COMM FAIL]	Satellite sensor RH is malfunctioning or mis-installed	SRC-95, "DTC Logic".
B1116	SATELLITE SENS RH [UNMATCH]		
B1118 B1119	SATELLITE SENS LH [UNIT FAIL]	Satellite sensor LH is malfunctioning	SRC-97, "DTC Logic".
B1120	SATELLITE SENS LH [COMM FAIL]	Satellite sensor LH is malfunctioning or mis-installed	SRC-99, "DTC Logic".
B1121	SATELLITE SENS LH [UNMATCH]		
B1122-B1127	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-101, "DTC Logic".
B1129	SIDE MODULE RH [OPEN]	Side air bag module RH circuit is open	SRC-103, "DTC Logic".
B1130	SIDE MODULE RH [VB-SHORT]	Side air bag module RH circuit is shorted to power supply circuit	SRC-105, "DTC Logic".

DTC	Diagnostic item	Explanation	Reference page
B1131	SIDE MODULE RH [GND-SHORT]	Side air bag module RH circuit is shorted to ground	SRC-107, "DTC Logic".
B1132	SIDE MODULE RH [SHORT]	Side air bag module RH circuits are shorted to each other	SRC-109, "DTC Logic".
B1134	SIDE MODULE LH [OPEN]	Side air bag module LH circuit is open	SRC-111, "DTC Logic".
B1135	SIDE MODULE LH [VB-SHORT]	Side air bag module LH circuit is shorted to power supply circuit	SRC-113, "DTC Logic".
B1136	SIDE MODULE LH [GND-SHORT]	Side air bag module LH circuit is shorted to ground	SRC-115, "DTC Logic".
B1137	SIDE MODULE LH [SHORT]	Side air bag module LH circuits are shorted to each other	SRC-117, "DTC Logic".
B1138-B1143	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-119, "DTC Logic"
B1144	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning or out of the specified specification	SRC-121, "DTC Logic".
B1145	CURTAIN MODULE RH [OPEN]	Curtain air bag module RH circuit is open	SRC-122, "DTC Logic".
B1146	CURTAIN MODULE RH [VB-SHORT]	Curtain air bag module RH circuit is shorted to power supply circuit	SRC-124, "DTC Logic".
B1147	CURTAIN MODULE RH [GND-SHORT]	Curtain air bag module RH circuit is shorted to ground	SRC-126, "DTC Logic".
B1148	CURTAIN MODULE RH [SHORT]	Curtain air bag module RH circuits are shorted to each other	SRC-128, "DTC Logic".
B1150	CURTAIN MODULE LH [OPEN]	Curtain air bag module LH circuit is open	SRC-130, "DTC Logic".
B1151	CURTAIN MODULE LH [VB-SHORT]	Curtain air bag module LH circuit is shorted to power supply circuits	SRC-132, "DTC Logic".
B1152	CURTAIN MODULE LH [GND-SHORT]	Curtain air bag module LH circuit is shorted to ground	SRC-134, "DTC Logic".
B1153	CURTAIN MODULE LH [SHORT]	Curtain air bag module LH circuits are shorted to each other	SRC-136, "DTC Logic".
B1154-B1159	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-138, "DTC Logic".
B1170-B1175	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-140, "DTC Logic".
B1186-B1191	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-142, "DTC Logic".
B1202-B1207	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-144, "DTC Logic".
B1209	FRONTAL COLLISION DETECTION	Seat belt pre-tensioner, driver side air bag and passenger air bag are deployed	SRC-146, "DTC Logic".
B1210	SIDE COLLISION DETECTION	Side air bag and curtain air bag are deployed	SRC-147, "DTC Logic".
B1211	ROLLOVER DETECTION	Seat belt pre-tensioner side curtain air bag module are deployed because of rollover detection	SRC-148, "DTC Logic".
B1212-B1214	RH1 SAT-SENS	Satellite sensor RH is malfunctioning	SRC-149, "DTC Logic".
B1215-B1217	LH1 SAT-SENS	Satellite sensor LH is malfunctioning	SRC-151, "DTC Logic".
B1218-B1223	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-153, "DTC Logic".

Wiring Diagram - SRS AIR BAG CONTROL SYSTEM -

INFOID:0000000005234456




XM : Except for Mexico
WS : With climate controlled seat
OS : Without climate controlled seat
To CAN system
DATA LINK CONNECTOR M24
DATA LINE
DATA LINE
SEAT BELT PRE-TENSIONER RH B219
SEAT BELT PRE-TENSIONER LH B19
SIDE AIR BAG MODULE RH B212
SIDE AIR BAG MODULE LH B12
AIR BAG DIAGNOSIS SENSOR UNIT
(M147), (B15), (B215)
SEAT BELT BUCKLE SWITCH (PASSENGER SIDE) B213
SEAT BELT BUCKLE SWITCH (DRIVER SIDE) B13
SEAT BELT BUCKLE SWITCH (PASSENGER SIDE) B565
SEAT BELT BUCKLE SWITCH (DRIVER SIDE) B515
CRASH ZONE SENSOR E36
SATELLITE SENSOR RH B220
M55
B202
B7
E23
B217
M6
E106
B227
B557
B57
B507
75
79
70
58
59
WS
OS
XM
: This connector is not shown in "Harness Layout".
JCHWM0490GB

SRS AIR BAG CONTROL SYSTEM

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4

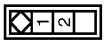
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	–
2	BG	– [Coupe models]
2	O	– [Roadster models]
3	Y	–
4	W	–
6	V	–
7	LG	–
8	GR	–
9	SB	–
11	Y	–
12	W	–
13	BR	–
14	LG	–
15	B	–
16	V	–
20	SB	–
21	G	–
22	GR	–
23	V	–
24	O	–
25	L	–
26	P	–
31	W	–
32	B	–
33	P	– [Coupe models]
33	W	– [Roadster models]
34	R	–
35	B	–
40	Y	–
41	L	–
42	GR	–
43	BR	–
44	R	–
45	BG	– [Coupe models]
45	O	– [Roadster models]
46	SB	–
47	V	–
48	SHIELD	–
51	W	–
52	R	–
57	SHIELD	–
58	B	–
60	V	–
61	SB	–
62	SHIELD	–
63	BR	–
64	Y	–
65	SHIELD	–
66	P	–
67	L	–
68	SHIELD	–
69	R	–
70	G	–
71	V	–
72	P	–
73	BR	–
74	GR	–
75	O	–
80	Y	–
81	R	–
82	B	–
83	GR	–
84	G	– [Coupe models]
84	L	– [Roadster models]
85	LG	–
86	V	–
87	BR	–
88	GR	–
93	Y	–
94	L	– [Coupe models]
94	G	– [Roadster models]
95	GR	– [Coupe models]
95	LG	– [Roadster models]
96	L	–
97	Y	–
98	W	– [Coupe models]
98	Y/B	– [Roadster models]
99	LG	–
100	B	–

Connector No.	B12
Connector Name	SIDE AIR BAG MODULE LH
Connector Type	TK02FY-EX-1V



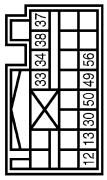
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	–
2	Y	–

Connector No.	B13
Connector Name	SEAT BELT BUCKLE SWITCH (DRIVER SIDE)
Connector Type	A03FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	– [Coupe models]
1	L	– [Roadster models]
2	B	–

Connector No.	B15
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH22FY-2V-EX



Terminal No.	Color of Wire	Signal Name [Specification]
12	Y	PLH (+)
13	Y	PLH (–)
30	SB	LH BUCKLE SW INPUT
33	Y	SLH (+)
34	Y	SLH (–)
37	Y	CLH (+)
38	Y/B	CLH (–)
49	P	SATELLITE LH (+) [Coupe models]
49	B	SATELLITE LH (+) [Roadster models]
50	L	SATELLITE LH (–) [Coupe models]
50	W	SATELLITE LH (–) [Roadster models]
56	SHIELD	GND

Connector No.	B19
Connector Name	SEAT BELT PRE-TENSIONER LH
Connector Type	AGA02FY-2V



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

Connector No.	B20
Connector Name	SATELLITE SENSOR LH
Connector Type	HK02FY-1V-EX-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	– [Coupe models]
1	B	– [Roadster models]
2	L	– [Coupe models]
2	W	– [Roadster models]

JCHWM0491GB

SRS AIR BAG CONTROL SYSTEM

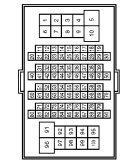
Connector No.	B25
Connector Name	CURTAIN AIR BAG MODULE LH
Connector Type	ACA02FY-2V

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

Connector No.	B57
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
75	L	–
76	B	–
78	LG	–
79	B	–
90	B	–
91	P	–
92	V	–
93	G	–
94	O	–
95	GR	–
100	BR	–

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
2	BR	– [Coupe models]
2	R	– [Roadster models]
3	Y	– [Coupe models]
3	B	– [Roadster models]
4	G	–
7	R	– [Coupe models]
7	Y	– [Roadster models]
8	LG	–
9	Y	–
11	R	–
20	G	–
21	R	–
30	B	–
40	W	–
41	V	–
42	G	–
43	L	–
44	SB	–
51	P	–
52	L	–
53	SHIELD	–
54	BR	–
55	Y	–
56	SHIELD	–
57	G	– [Coupe models]
57	P	– [Roadster models]
58	R	– [Coupe models]
58	L	– [Roadster models]
59	B	–
60	W	–
61	GR	–
62	B	–
63	Y	–
64	V	–
65	SB	–
66	BG	– [Coupe models]
66	O	– [Roadster models]
67	V	–
68	P	– [Coupe models]
68	GR	– [Roadster models]
69	L	– [Coupe models]
69	P	– [Roadster models]
70	G	– [Coupe models]
70	O	– [Roadster models]
80	V	–
81	SB	–
82	G	–
83	R	–
84	W	–
85	B	–
86	SHIELD	–
87	O	–
88	BR	–
89	Y	–
90	SHIELD	–
92	SB	– [Coupe models]
92	LG	– [Roadster models]
93	V	– [Coupe models]
93	W	– [Roadster models]
94	SHIELD	– [Coupe models]
94	G	– [Roadster models]
95	GR	– [Coupe models]
95	LG	– [Roadster models]
97	LG	– [Coupe models]
97	Y	– [Roadster models]
98	W	– [Coupe models]
98	Y/B	– [Roadster models]
99	G	–
100	BR	– [Coupe models]
100	Y	– [Roadster models]

Connector No.	B212
Connector Name	SIDE AIR BAG MODULE RH
Connector Type	TK02FY-EX-1V



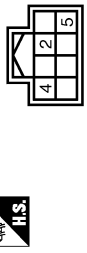
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	–
2	Y	–

Connector No.	B213
Connector Name	SEAT BELT BUCKLE SWITCH (PASSENGER SIDE)
Connector Type	A03FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	– [Coupe models]
1	LG	– [Roadster models]
2	B	–

Connector No.	B214
Connector Name	OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT
Connector Type	TH08FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
2	V	COMMUNICATION
4	R	IGN
5	B	GND

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Connector No.	B215
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH32FY-1V-EX



Terminal No.	Color of Wire	Signal Name [Specification]
10	Y	PRH (+)
11	Y	PRH (-)
26	V	ODS INPUT
29	LG	RH BUCKLE SW INPUT
31	Y	SRH (+)
32	Y	SRH (-)
35	Y	CRH (+)
36	Y/B	CRH (-)
47	G	SATELLITE RH (+) [Coupe models]
47	B	SATELLITE RH (+) [Roadster models]
48	R	SATELLITE RH (-) [Coupe models]
48	W	SATELLITE RH (-) [Roadster models]
55	SHIELD	GND

Connector No.	B219
Connector Name	SEAT BELT PRE-TENSIONER RH
Connector Type	ACA02FY-2V



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

Connector No.	B220
Connector Name	SATELLITE SENSOR RH
Connector Type	HK02FY-1V-EX-LC

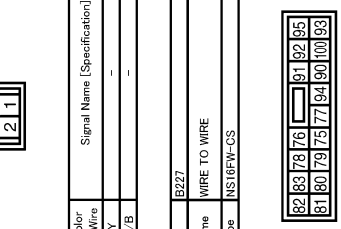
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	- [Coupe models]
1	B	- [Roadster models]
2	R	- [Coupe models]
2	W	- [Roadster models]

Connector No.	B225
Connector Name	CURTAIN AIR BAG MODULE RH
Connector Type	ACA02FY-2V



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

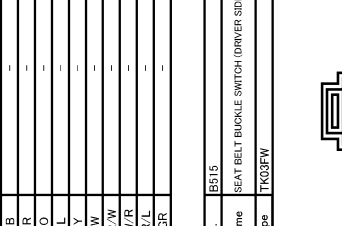
Connector No.	B227
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]

75	LG	-
76	B	-
78	G	-
79	B	-
90	B	-
91	L	-
92	G	-
93	Y	-
94	SB	-
95	V	-
100	W	-

Connector No.	B507
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



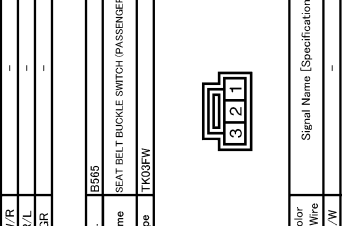
Terminal No.	Color of Wire	Signal Name [Specification]
75	L/W	-
76	B	-
78	R	-
79	O	-
90	L	-
91	Y	-
92	W	-
93	R/W	-
94	W/R	-
95	R/L	-
100	GR	-

Connector No.	B515
Connector Name	SEAT BELT BUCKLE SWITCH (DRIVER SIDE)
Connector Type	TK03FW

Terminal No.	Color of Wire	Signal Name [Specification]

75	L/W	-
76	B	-
78	R	-
79	O	-
90	L	-
91	Y	-
92	W	-
93	R/W	-
94	W/R	-
95	R/L	-
100	GR	-

Connector No.	B557
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



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

Connector No.	B565
Connector Name	SEAT BELT BUCKLE SWITCH (PASSENGER SIDE)
Connector Type	TK03FW

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

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Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-CS15

H.S.

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
46	45	44	43	42	41	40	39	38	37	36				
35	34	33	32	31	30	29	28	27	26	25	24	23	22	21

Terminal No.	Color of Wire	Signal Name [Specification]
7	Y	–
8	Y	–
9	G	–
10	BG	– [Coupe models]
10	O	– [Roadster models]
11	P	– [With BOSE system]
11	V	– [Without BOSE system]
12	L	–
13	B	–
14	SB	– [Coupe models]
14	Y	– [Roadster models]
15	W	–
19	G	–
23	R	–
44	L	–
47	B	–
48	SB	–
49	W	–
50	LG	–
51	R	–
52	V	–
53	BG	– [Coupe models]
53	O	– [Roadster models]
54	GR	–
55	G	–

Connector No.	D18
Connector Name	DOOR-MOUNTED CURTAIN AIR BAG MODULE LH
Connector Type	ACA02FY-2V

H.S.

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

Connector No.	D31
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-CS15

H.S.

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
46	45	44	43	42	41	40	39	38	37	36				
35	34	33	32	31	30	29	28	27	26	25	24	23	22	21

Terminal No.	Color of Wire	Signal Name [Specification]
10	V	–
11	LG	–
12	P	– [With BOSE system]
12	LG	– [Without BOSE system]
13	V	– [Coupe models without BOSE system]
13	L	– [Except for coupe models without BOSE system]
14	B	–
15	W	–
19	P	–
23	L	–
44	L	–
50	Y	–
51	Y	–
52	G	–
53	BG	– [Coupe models]
53	O	– [Roadster models]
54	GR	–
55	L	–

Connector No.	D48
Connector Name	DOOR-MOUNTED CURTAIN AIR BAG MODULE RH
Connector Type	ACA02FY-2V

H.S.

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

Connector No.	E36
Connector Name	CRASH ZONE SENSOR
Connector Type	HK02FY-1V-EX-LC

H.S.

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

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SRS AIR BAG CONTROL SYSTEM

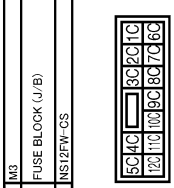
Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	–
3	L	–
4	L	–
7	B	–
8	P	–
9	L	– [Coupe models]
9	B	– [Roadster models]
11	V	–
12	R	–
13	L	–
14	GR	–
15	P	–
16	W	–
17	SB	–
20	LG	–
21	BR	– [Coupe models]
21	G	– [Roadster models]
31	L	–
32	Y	–
33	P	–
34	L	–
35	BR	–
36	V	–
37	Y	–
38	R	–
39	B	–
40	W	–
41	LG	–
42	SB	–
43	G	–
44	R	– [Roadster models with M/T]
44	GR	– [Except for roadster models with M/T]
45	BG	– [Coupe models]
45	O	– [Roadster models]
46	W	–
47	P	–
58	SHIELD	–
59	L	–

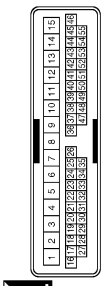
70	P	–
80	W	–
81	P	–
82	G	–
83	V	–
84	L	–
85	BG	– [Coupe models]
85	O	– [Roadster models]
86	LG	–
87	R	–
89	P	–
91	W	–
92	L	–
93	G	–
94	Y	–
96	Y	–
97	BR	–
98	GR	–
99	LG	–
100	BG	– [Coupe models]
100	O	– [Roadster models]

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



Terminal No.	Color of Wire	Signal Name [Specification]
6C	R	–
7C	B	–
9C	R	– [Coupe models]
9C	O	– [Roadster models]
10C	L	–
11C	LG	–
12C	O	–

Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CS15



Terminal No.	Color of Wire	Signal Name [Specification]
7	Y	–
8	Y	–
9	G	–
10	V	–
11	V	–
12	L	–
13	B	–
14	Y	–
15	W	–
19	Y	–
23	Y/B	–
44	L	–
47	B	–
48	SB	–
49	SB	– [Roadster models with M/T]
49	Y	– [Except for roadster models with M/T]
50	W	–
51	R	–
52	L	–
53	W	–
54	G	–
55	R	–

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SRS AIR BAG CONTROL SYSTEM

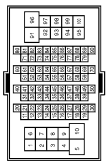
Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	–
3	L	–
4	L	–
7	B	–
8	P	–
9	L	– [Coupe models]
9	B	– [Roadster models]
11	GR	–
12	R	–
13	L	–
14	G	–
15	P	–
16	W	–
17	BR	–
20	GR	–
21	BR	– [Coupe models]
21	R	– [Roadster models]
31	L	– [Roadster models with M/T]
31	BR	– [Except for roadster models with M/T]
32	Y	– [Roadster models with M/T]
32	V	– [Except for roadster models with M/T]
33	P	–
34	L	–
35	BR	–
36	SB	–
37	Y	–
38	LG	–
39	SB	–
40	W	–
41	LG	–
42	R	–
43	G	–
44	G	– [With A/T]
44	R	– [With M/T]
45	O	–
46	G	–
47	BR	–
58	SHIELD	–
59	L	–
70	R	–
80	LG	–
81	GR	–
82	V	–
83	V	–
84	L	–
85	BR	–
86	Y	–
87	V	– [Roadster models with M/T]
87	G	– [Except for roadster models with M/T]
89	P	–
91	W	–
92	P	–
93	P	–
94	Y	–
96	P	–
97	GR	–
98	O	–
99	W	–
100	R	–

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4

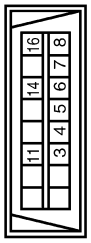
H.S.



Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	–
2	O	–
3	LG	–
4	O	–
6	V	–
7	LG	–
8	SB	–
9	GR	–
11	Y	–
12	V	–
13	BR	–
14	V	–
15	B	–
16	V	–
20	SB	–
21	G	–
22	GR	–
23	V	–
24	R	–
25	L	–
26	P	–
31	W	–
32	B	–
33	W	–
34	R	–
35	B	–
40	L	–
41	R	–
42	GR	–
43	R	– [Coupe models]
43	V	– [Roadster models]
44	R	–
45	O	–
46	SB	– [With A/T]
46	SB	– [With M/T]
47	R	– [With A/T]
47	V	– [With M/T]
48	SHIELD	–
51	V	–
52	R	–
57	SHIELD	–
58	B	–
60	L	– [Coupe models]
60	V	– [Roadster models]
61	R	– [Coupe models]
61	SB	– [Roadster models]
62	SHIELD	–
63	R	– [Coupe models]
63	BR	– [Roadster models]
64	G	– [Coupe models]
64	Y	– [Roadster models]
65	SHIELD	–
66	LG	– [Coupe models]
66	P	– [Roadster models]
67	V	– [Coupe models]
67	L	– [Roadster models]
68	SHIELD	–
69	L	– [Coupe models]
69	R	– [Roadster models]
70	P	– [Coupe models]
70	G	– [Roadster models]
71	V	–
72	P	–
73	BR	–
74	GR	–
75	O	–
80	Y	–
81	W	–
82	BR	–
83	GR	–
84	L	–
85	LG	–
86	V	–
87	BR	–
88	SB	–
93	Y	–
94	SB	– [Coupe models]
94	L	– [Roadster models]
95	GR	– [Coupe models]
95	W	– [Roadster models]
96	L	–
97	LG	– [Coupe models]
97	Y	– [Roadster models]
98	BG	– [Coupe models]
98	Y/B	– [Roadster models]
99	W	–
100	B	–

Connector No.	M24
Connector Name	DATA LINK CONNECTOR
Connector Type	BD16FW

H.S.



Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	–
4	B	–
5	B	–
6	L	–
7	Y	– [Coupe models]
7	V	– [Roadster models]
8	G	–
11	LG	–
14	P	–
16	Y	–

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SRS AIR BAG CONTROL SYSTEM

Connector No.	M35
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK06FY-EX-1V

Terminal No.	Color of Wire	Signal Name [Specification]
23	W	– [Coupe models]
23	R	– [Roadster models]
28	Y	–
29	Y	–
30	Y	–

Connector No.	M53
Connector Name	COMBINATION METER
Connector Type	TH24FW-NH

Terminal No.	Color of Wire	Signal Name [Specification]
1	V	BATTERY POWER SUPPLY
2	O	IGNITION POWER SUPPLY
3	L	VEHICLE SPEED SIGNAL (2-PULSE)
4	Y	VEHICLE SPEED SIGNAL (8-PULSE)
5	B	ILLUMINATION CONTROL SIGNAL
6	R	ROOF STATUS SIGNAL
9	BR	COMMUNICATION SIGNAL (METER->TRIPLE METER)
10	L	COMMUNICATION SIGNAL (TRIPLE METER->METER)
12	G	S-MODE SWITCH SIGNAL
15	L	ACC POWER SUPPLY
16	R	AIR BAG SIGNAL
17	B	GROUND
18	V	AMBIENT SENSOR SIGNAL
19	G	A/C AUTO AMP. CONNECTION RECOGNITION SIGNAL
20	GR	AMBIENT SENSOR GROUND
21	L	CAN-H
22	P	CAN-L

23	B	GROUND
24	Y	FUEL LEVEL SENSOR GROUND

Connector No.	M73
Connector Name	PASSENGER AIR BAG OFF INDICATOR
Connector Type	JAB03FB

Terminal No.	Color of Wire	Signal Name [Specification]
1	R	–
4	B	–

Connector No.	M103
Connector Name	PASSENGER AIR BAG MODULE
Connector Type	RK04FY-BD

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

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4

Terminal No.	Color of Wire	Signal Name [Specification]
2	GR	– [Coupe models]
2	LG	– [Roadster models]
3	O	– [Coupe models]
3	B	– [Roadster models]
4	W	– [Coupe models]
4	G	– [Roadster models]
7	LG	– [Coupe models]
7	Y	– [Roadster models]
8	LG	–
9	Y	–
11	R	–
20	G	–
21	R	–
30	B	–
40	O	–
41	Y	–
42	G	–
43	L	–
44	SB	–
51	R	–
52	G	–
53	SHIELD	–
54	LG	– [Coupe models]
54	BR	– [Roadster models]
55	V	– [Coupe models]
55	Y	– [Roadster models]
56	SHIELD	–
57	G	– [Coupe models]
57	P	– [Roadster models]
58	R	– [Coupe models]
58	L	– [Roadster models]
59	B	–
60	W	–
61	GR	–
62	B	–
63	Y	–
64	L	–
65	G	–
66	O	– [Coupe models]
66	G	– [Roadster models]
67	V	–
68	P	– [Coupe models]
68	GR	– [Roadster models]
69	L	– [Coupe models]
69	P	– [Roadster models]
70	L	– [Coupe models]
70	O	– [Roadster models]
80	W	– [Coupe models]
80	L	– [Roadster models]
81	Y	–
82	W	–
83	B	–
84	R	–
85	G	–
86	SHIELD	–
87	G	–
88	L	–
89	P	–
90	SHIELD	–
92	G	– [Coupe models]
92	LG	– [Roadster models]
93	R	– [Coupe models]
93	V	– [Roadster models]
94	SHIELD	– [Coupe models]
94	G	– [Roadster models]
95	SB	– [Coupe models]
95	LG	– [Roadster models]
97	LG	– [Coupe models]
97	Y	– [Roadster models]
98	V	– [Coupe models]
98	Y/B	– [Roadster models]
99	G	–
100	BR	– [Coupe models]
100	Y	– [Roadster models]

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SRS AIR BAG CONTROL SYSTEM

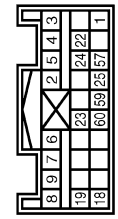
Connector No.	M124
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CS15

Terminal No.	Color of Wire	Signal Name [Specification]
10	G	– [Coupe models]
10	V	– [Roadster models]
11	V	– [Coupe models]
11	LG	– [Roadster models]
12	LG	–
13	V	–
14	B	–
15	W	–
19	Y	–
23	Y/B	–
44	R	– [Coupe models]
44	O	– [Roadster models]
50	Y	–
51	Y	–
52	G	– [Roadster models with M/T]
52	GR	– [Except for roadster models with M/T]
53	W	–
54	G	–
55	R	–

Connector No.	M126
Connector Name	PASSENGER AIR BAG MODULE
Connector Type	TK02FY-EX-1V

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

Connector No.	M147
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH28FY-EX



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	IGN
2	B	GND
3	Y	DR 1 (+)
4	Y	DR 1 (–) DR 2 (–)
5	Y	DR 2 (+)
6	Y	AS 1 (+)
7	Y	AS 1 (–)
8	Y	AS 2 (+)
9	Y	AS 2 (–)
18	R	EG2S (+)
19	L	EG2S (–)
22	SHIELD	GND
23	R	AIRBAG W/L
24	P	SEAT BELT
25	R	CUTOFF TELLTALE
57	O	DEPLOYMENT INFORMATION OUTPUT
59	L	CAN-H
60	P	CAN-L

Connector No.	M301
Connector Name	DRIVER AIR BAG MODULE
Connector Type	ACA02FOR



Terminal No.	Color of Wire	Signal Name [Specification]
9	–	–
12	–	–

Connector No.	M302
Connector Name	DRIVER AIR BAG MODULE
Connector Type	ACA02FY-2V



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

JCHWM0498GB

SYMPTOM DIAGNOSIS

SRS AIR BAG WARNING LAMP DOES NOT TURN OFF

Diagnosis Procedure

INFOID:0000000005234457

1.CHECK SELF DIAGNOSIS RESULT

Perform “AIR BAG” Self Diagnostic Result with CONSULT-III.

Is DTC detected?

YES >> Repair or replace the malfunctioning parts. Refer to SRC-155, "DTC Index".
NO >> GO TO 2.

2.CHECK AIR BAG FUSE

Check 10A fuse [No.2, located in fuse block (J/B)].

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace the fuse.

3.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

4.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 5.
NO >> Replace wiring harness.

5.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Check air bag warning lamp operation.

Is the inspection result normal?

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

SRS AIR BAG WARNING LAMP DOES NOT TURN ON

Diagnosis Procedure

INFOID:0000000005234458

1.CHECK METER FUSE

Check 10A fuse [No.4, located in fuse block (J/B)].

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace the fuse.

2.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace harness connectors.

3.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Check air bag warning lamp operation.

Is the inspection result normal?

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

PRECAUTION

PRECAUTIONS

EXCEPT FOR MEXICO

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

INFOID:0000000005530354

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

WARNING:

- **To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision 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 AIR BAG”.**
- **Do not use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.**

PRECAUTIONS WHEN USING POWER TOOLS (AIR OR ELECTRIC) AND HAMMERS

WARNING:

- **When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the ignition ON or engine running, DO NOT use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.**
- **When using air or electric power tools or hammers, always switch the ignition OFF, disconnect the battery, and wait at least 3 minutes before performing any service.**

EXCEPT FOR MEXICO : Service

INFOID:0000000005234460

- 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 battery negative terminal, and wait at least 3 minutes or more.
  For approximately 3 minutes after the battery negative terminal is removed, it is still possible for the air bag and seat belt pre-tensioner to deploy. Therefore, do not work on any SRS connectors or wires until 3 minutes or more elapse.
- Diagnosis sensor unit must always be installed with their arrow marks “⇐” pointing towards the front of the vehicle for normal operation. Also check diagnosis sensor unit for cracks, deformities, or rust before installation and replace if necessary.
- 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.
- Perform self-diagnosis to check entire SRS for normal function after replacing any components.
- After air bag inflates, the front instrument panel assembly must be replaced if damaged.
- Always replace instrument panel pad following front passenger air bag deployment.

EXCEPT FOR MEXICO : Occupant Classification System Precaution

INFOID:0000000005234461

Replace Occupant Classification System control unit and passenger front seat cushion as an assembly.
Refer to SE-88, "Removal and Installation".

EXCEPT FOR MEXICO : Precaution for Battery Service

INFOID:0000000005234462

Before disconnecting the battery, lower both the driver and passenger windows. This will prevent any interference between the window edge and the vehicle when the door is opened/closed. During normal operation, the window slightly raises and lowers automatically to prevent any window to vehicle interference. The automatic window function will not work with the battery disconnected.

FOR MEXICO

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

INFOID:0000000005530355

The Supplemental Restraint System such as “AIR BAG” and “SEAT BELT PRE-TENSIONER”, used along with a front seat belt, helps to reduce the risk or severity of injury to the driver and front passenger for certain types of collision. Information necessary to service the system safely is included in the “SRS AIR BAG” and “SEAT BELT” of this Service Manual.

WARNING:

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

PRECAUTIONS WHEN USING POWER TOOLS (AIR OR ELECTRIC) AND HAMMERS

WARNING:

- **When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the ignition ON or engine running, DO NOT use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.**
- **When using air or electric power tools or hammers, always switch the ignition OFF, disconnect the battery, and wait at least 3 minutes before performing any service.**

FOR MEXICO : Service

INFOID:0000000005530351

- 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 battery negative terminal, and wait at least 3 minutes or more.
  For approximately 3 minutes after the battery negative terminal is removed, it is still possible for the air bag and seat belt pre-tensioner to deploy. Therefore, do not work on any SRS connectors or wires until 3 minutes or more elapse.
- Diagnosis sensor unit must always be installed with their arrow marks “⇐” pointing towards the front of the vehicle for normal operation. Also check diagnosis sensor unit for cracks, deformities, or rust before installation and replace if necessary.
- 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.
- Perform self-diagnosis to check entire SRS for normal function after replacing any components.
- After air bag inflates, the front instrument panel assembly must be replaced if damaged.
- Always replace instrument panel pad following front passenger air bag deployment.

FOR MEXICO : Precaution for Battery Service

INFOID:0000000005530353

Before disconnecting the battery, lower both the driver and passenger windows. This will prevent any interference between the window edge and the vehicle when the door is opened/closed. During normal operation, the window slightly raises and lowers automatically to prevent any window to vehicle interference. The automatic window function will not work with the battery disconnected.

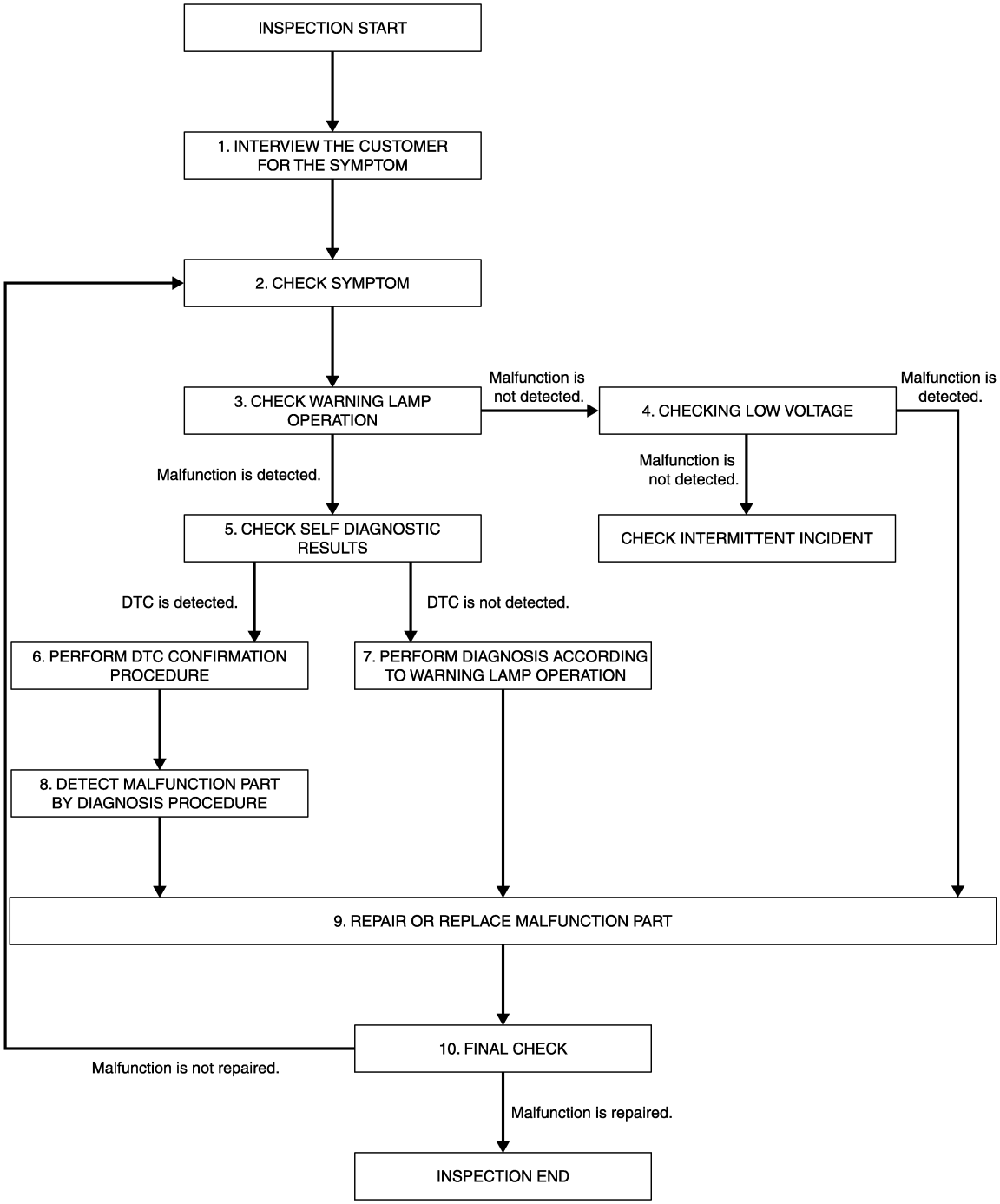
BASIC INSPECTION

DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

INFOID:0000000005455944

OVERALL SEQUENCE



JMHIA1324GB

DETAILED FLOW

1.INTERVIEW THE CUSTOMER FOR THE SYMPTOM

Interview the customer for the symptom (the condition and the environment when the incident/malfunction occurs).

>> GO TO 2.

2.CHECK SYMPTOM

Check the symptom from the customer information.

>> GO TO 3.

3.CHECK WARNING LAMP OPERATION

Check air bag warning lamp operation in the user mode. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

Are any malfunction detected?

YES >> GO TO 5.
NO >> GO TO 4.

4.CHECK LOW VOLTAGE

Check low voltage with CONSULT-III (Special function). Refer to SRC-186, "CONSULT-III Function".

Are any malfunction detected?

YES >> GO TO 9.
NO >> Check intermittent incident. Refer to GI-39, "Intermittent Incident".

5.CHECK SELF DIAGNOSTIC RESULTS

Check self diagnostic result with CONSULT-III or diagnosis mode.
If it is impossible to switch to diagnosis mode, follow the same procedure that DTC is not detected.

NOTE:
Perform the following procedure if DTC is detected.

- Record DTC (Print them out with CONSULT-III.)
- Erase self diagnostic result.
- Study the relationship between the malfunction that DTC or air bag warning lamp indicates and the symptom that the customer describes.
- Check related service bulletins for information.

Is DTC detected?

YES >> GO TO 6.
NO >> GO TO 7.

6.PERFORM DTC CONFIRMATION PROCEDURE

Perform DTC CONFIRMATION PROCEDURE for the DTC.

>> GO TO 8.

7.PERFORM DIAGNOSIS ACCORDING TO WARNING LAMP OPERATION

1. Check air bag warning lamp operation in the user mode. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".
2. Perform Diagnosis Procedure for the air bag warning lamp operation. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp" (USER MODE).

>> GO TO 9.

8.DETECT MALFUNCTIONING PART BY DIAGNOSTIC PROCEDURE

Inspect according to Diagnostic Procedure of the DTC.

>> GO TO 9.

9.REPAIR OR REPLACE THE MALFUNCTION PART

Repair or replace the malfunctioning part.

>> GO TO 10.

10.FINAL CHECK

Check self diagnostic result and air bag warning lamp operation in the user mode.

Is the malfunction repaired?

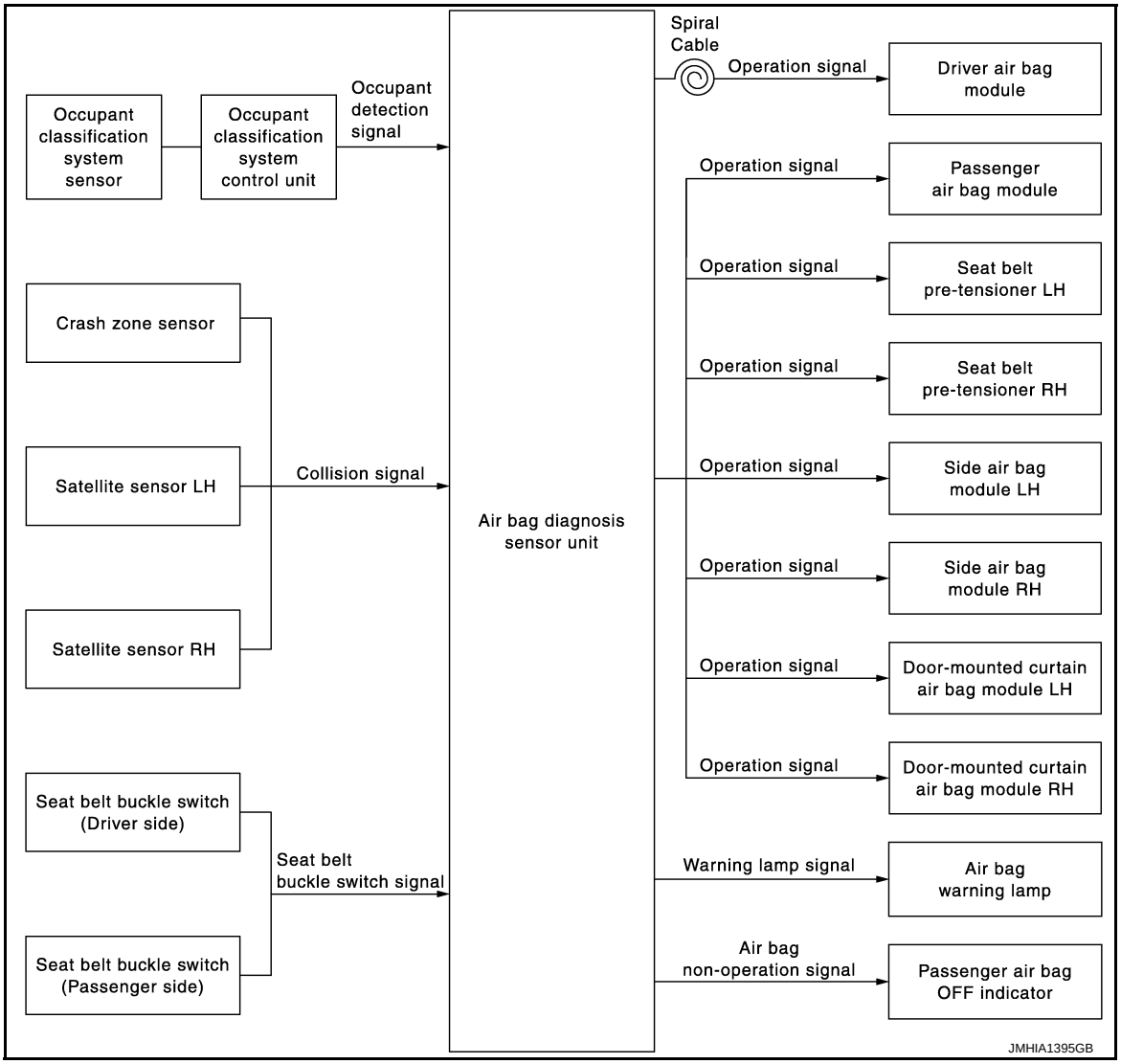
YES >> INSPECTION END
NO >> GO TO 2.

SYSTEM DESCRIPTION

SRS AIR BAG SYSTEM

System Diagram

INFOID:0000000005455945



System Description

INFOID:0000000005455946

Supplemental Restraint System (SRS) activates air bag module and seat belt pre-tensioner when it detects a frontal collision or a side collision that is more than the specified limit. Together with other safety devices, it reduces the impact that occupant receives when vehicle collision occurs.
Air bag diagnosis sensor unit supplies power supply to air bag module and pre-tensioner seat belt when deceleration that is more than the specified limit is detected by G sensor in air bag diagnosis sensor unit, crash zone sensor, or satellite sensor. Air bag module is composed of electric igniter (squib), filter, pyrotechnic material, and gas generating material. When air bag module receives a signal from air bag diagnosis sensor unit, air bag module ignites pyrotechnic material using electric igniter (squib) so that gas generating material generates high temperature nitrogen gas. The gas through filter activates air bag. At the same time, pre-tensioner seat belt receives power supply from air bag diagnosis sensor unit, gasgenerator is activated, and then gas is generated. Balls in pipe are moved according to generated gas pressure and strike pinion gear on ELR shaft. ELR shaft rotates and retracts seat belt.
When air bag diagnosis sensor unit detects a rollover of the vehicle, electric igniter (spuib) receives power supply, pyrotechnic material is ignited, and then piston is projected.

AIR BAG DIAGNOSIS SENSOR UNIT FUNCTIONS

Air bag diagnosis sensor unit has the following functions.

- Detects a collision and supplies the energy for deploying air bag and seat belt pre-tensioner.
- Detects and records electrical malfunction in air bag system and seat belt pre-tensioner system, and blinking air bag warning lamp.
- Detects and records the deployment of air bag and seat belt pre-tensioner, and turns ON air bag warning lamp.
- Indicates malfunctioning portion via the number of blinks from the air bag warning lamp in the diagnosis mode.
- Indicates the malfunction record via CONSULT-III.
- Suppresses the deployment of passenger air bag when passenger seat is empty or occupied by child or child-seat.
- When passenger seat is occupied by child or child seat, turns ON passenger air bag OFF indicator.
- When judges that passenger seat is occupied by a adult or a child and passenger seat belt is not fasten, turns ON seat belt warning lamp. Further information for the seat belt warning system, refer to SBC-3, "System Description".

COLLISION MODES

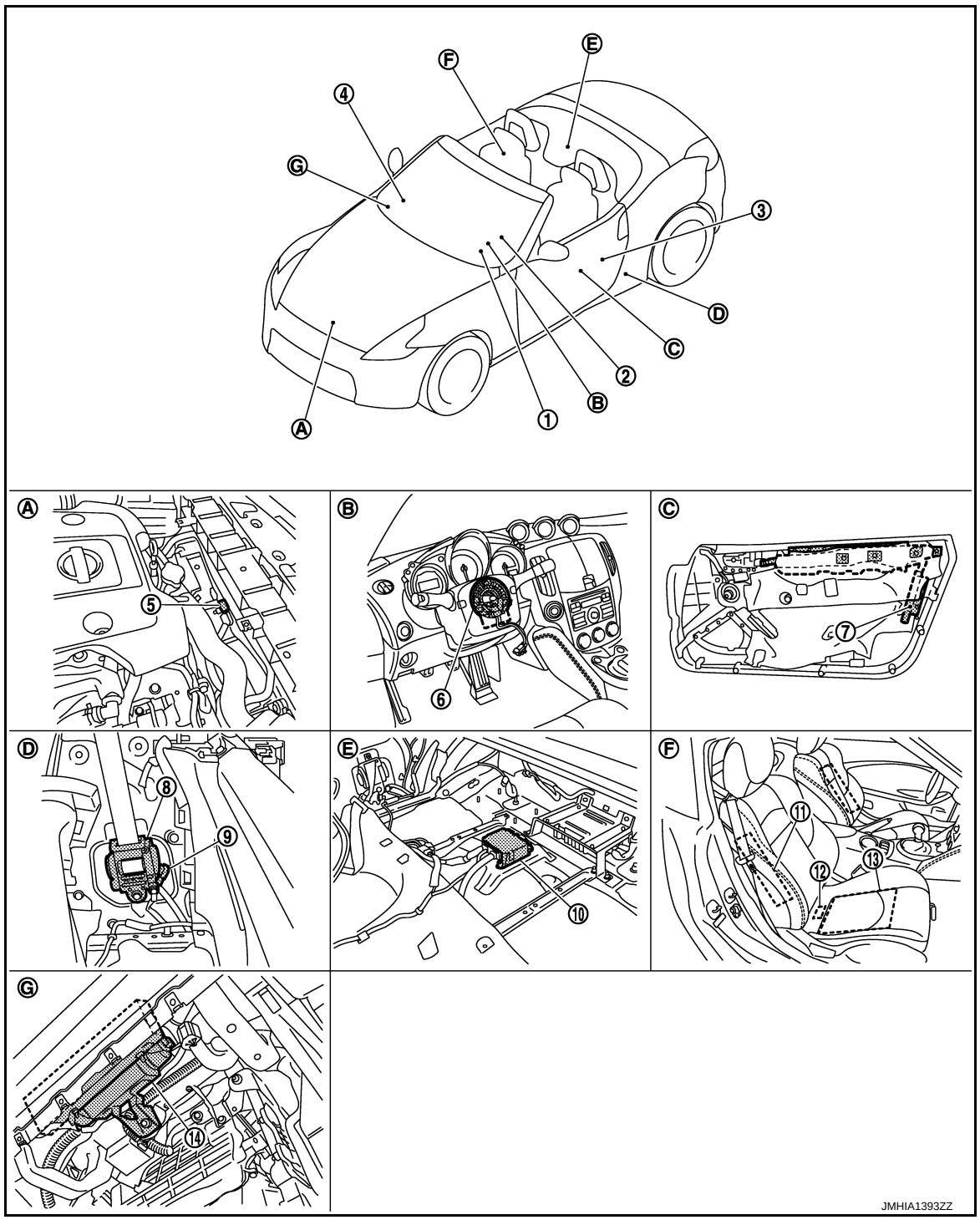
The operation of SRS is different depending on the collision modes applications. For example, the driver air bag module, passenger air bag module, and seat belt pre-tensioner are activated in a frontal collision but not in a side collision.
SRS configurations that are activated for the following collision modes.

×: Apply —: Not apply

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

Component Parts Location

INFOID:0000000005455947



1. Combination meter
2. Driver air bag module
3. Seat belt buckle switch (Driver side)
4. Passenger air bag OFF indicator
5. Crash zone sensor
6. Combination switch (spiral cable)
7. Door-mounted curtain air bag module
8. Seat belt pre-tensioner RH
9. Satellite sensor RH
10. Air bag diagnosis sensor unit
11. Side air bag module RH
12. Occupant Classification System control unit
13. Occupant Classification System seat sensor mat
14. Passenger air bag module

A. Radiator core support assembly
B. View with steering wheel removed
C. Behind door finisher assembly

D. Behind rear side finisher E. Behind seatback center finisher F. Passenger seat
G. Behind glove box assembly

Component Description

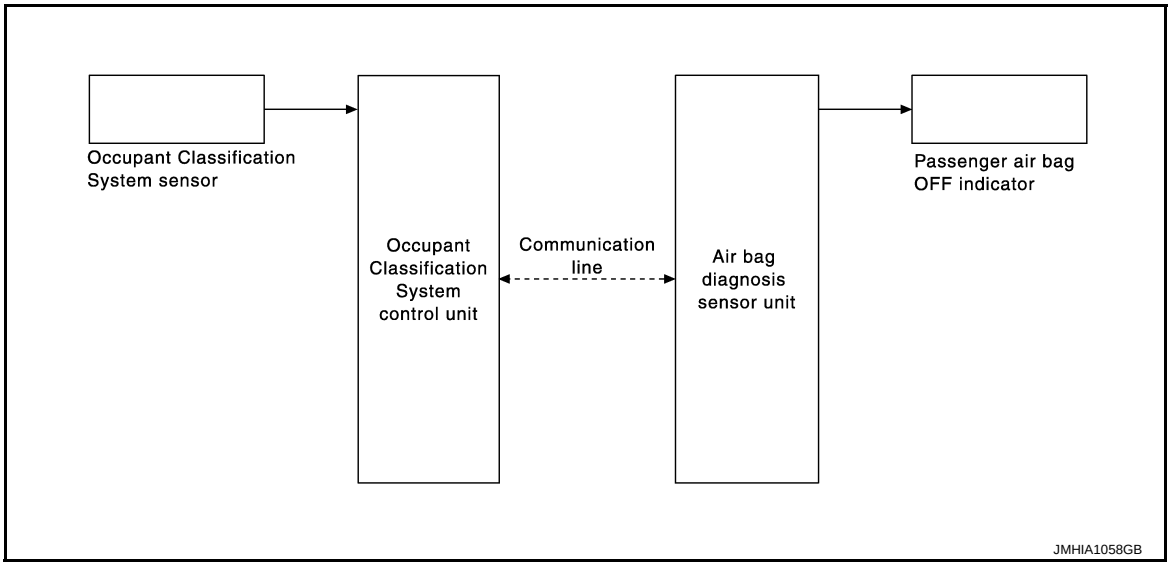
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Component	Function
Air bag diagnosis sensor unit	Detects a collision and supplies power supply for deployment to air bag module and pre-tensioner seat belt.
Air bag module • Driver • Passenger • Side • Door-mounted curtain	Receives signal from air bag diagnosis sensor unit and deploys air bag.
Seat belt pre-tensioner	Receives signal from air bag diagnosis sensor unit and deploys seat belt pre-tensioner.
Seat belt buckle switch	Controls deployment timing based on seat belt fastened or unfastened condition.
Crash zone sensor	Transmits signal to air bag diagnosis sensor unit when a frontal collision occurs.
Satellite sensor (LH/RH)	Transmits signal to air bag diagnosis sensor unit when a side collision occurs.
Occupant Classification System control unit	Detects passenger seat occupant and judges whether or not passenger seat air bag is deployed.
Combination meter (air bag warning lamp)	Indicates air bag malfunctioning and deployment by blinking and illuminating air bag warning lamp.
Passenger air bag OFF indicator	Indicates whether or not passenger air bag is in the activation mode based on the judgement of Occupant Classification System.
Combination switch (spiral cable)	Supplies power supply to driver air bag module on steering wheel.

OCCUPANT CLASSIFICATION SYSTEM

System Diagram

INFOID:0000000005455949



System Description

INFOID:0000000005455950

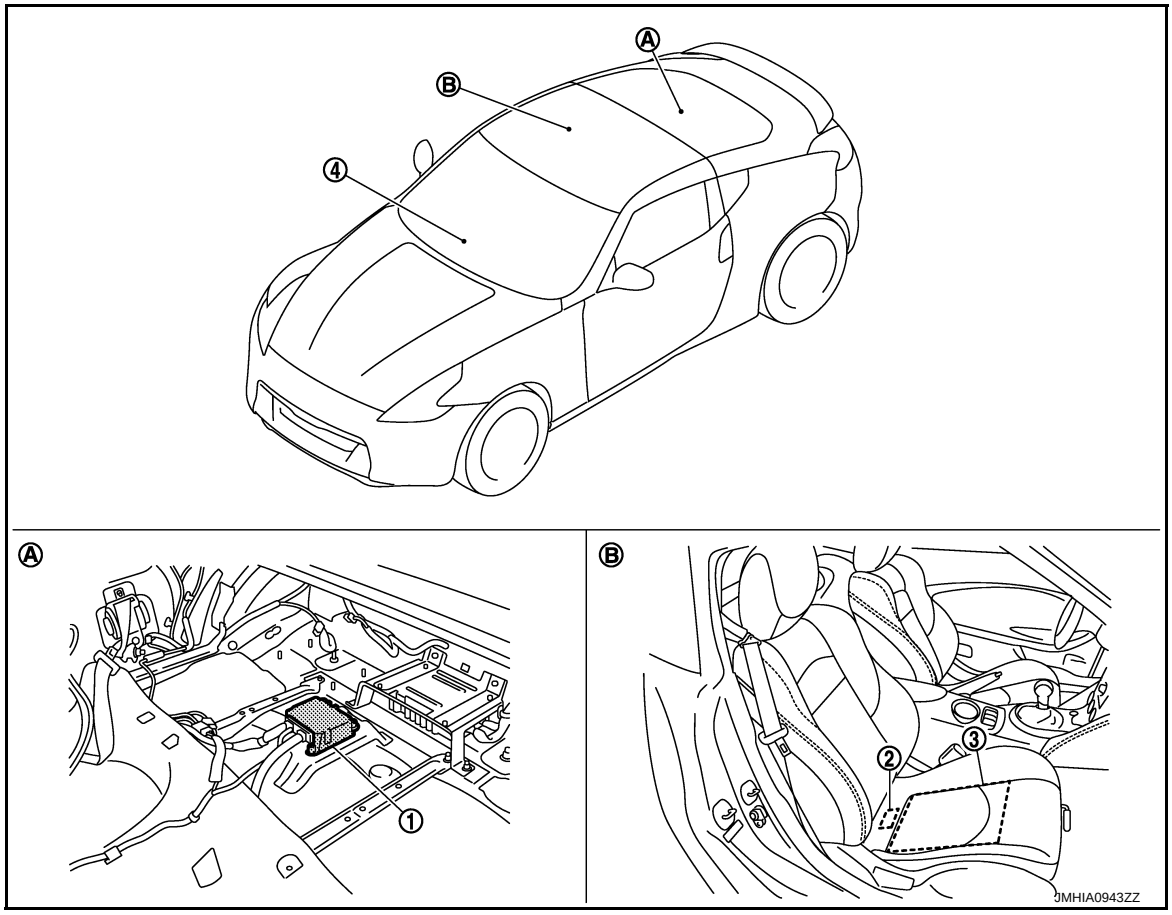
Occupant Classification System has the following functions.

- Suppresses the deployment of passenger air bag when passenger seat is empty, or when occupied by child and child-seat.
- Turns on passenger air bag OFF indicator when passenger seat is occupied by child-seat and child.
- Indicates malfunction portion via the number of blinks from the air bag warning lamp in the diagnosis mode.
- Indicates the malfunctioning record via CONSULT-III.

Status (passenger seat)	Passenger air bag	Passenger air bag OFF indicator	Air bag warning lamp
Empty	Suppress	OFF	OFF
Child/child-seat	Suppress	ON	OFF
Adult	Enable to deploy	OFF	OFF
Malfunction	Suppress	ON	Blinking

Component Parts Location

INFOID:0000000005464193



1. Air bag diagnosis sensor unit
2. Occupant Classification System control unit
3. Occupant Classification System seat sensor mat
4. Passenger air bag OFF indicator
A. Behined seatback center finisher
B. Passenger seat

Component Description

INFOID:0000000005455952

Component parts	Outline of function
Occupant Classification System seat sensor mat	Detects if the passenger seat is empty or occupied. It is integrated into the seat cushion and detects the occupants with occupant classification system control unit that classifies the occupants.
Occupant Classification System control unit	Transmits the passenger seat status (occupied or empty) to air bag diagnosis sensor unit. It is installed in the passenger seat cushion.
Passenger air bag OFF indicator	Turns the passenger air bag OFF indicator lamp ON when the passenger seat is occupied by a child or a child-seat.
Air bag diagnosis sensor unit	• Performs the deploy judgement of passenger air bag based on the information from Occupant Classification System control unit. • Passenger air bag OFF indicator turns ON or turns OFF when passenger state signal detected by Occupant Classification System control unit is received.

ON BOARD DIAGNOSTIC (OBD) SYSTEM

Diagnosis Description

INFOID:0000000005455953

CAUTION:

- **Never use electrical test equipment on any circuit related to the SRS unless instructed in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.**
- **Never repair, splice or modify the SRS wiring harness. If the harness is damaged, replace it with a new one.**
- **Keep ground portion clean.**

DIAGNOSIS FUNCTION

- The SRS self-diagnostic results can be read with air bag warning lamp and/or CONSULT-III.
- The user mode is exclusively prepared for the customer (driver). This mode warns the driver of a system malfunction through the operation of the air bag warning lamp.
- The diagnosis mode allows the technician to locate and inspect the malfunctioning part.
- The mode applications for the air bag warning lamp and CONSULT-III are as per the following items.

×: Application, —: Not application

Diagnosis tool	User mode	Diagnosis mode
Air bag warning lamp	×	×
CONSULT-III	–	×

Diagnosis with Air Bag Warning Lamp

INFOID:0000000005455954

SELF DIAGNOSIS FUNCTION

There are two self diagnosis functions with air bag warning lamp per the following items.

- USER MODE
- DIAGNOSIS MODE

HOW TO CHANGE TO DIAGNOSIS MODE

- Self diagnosis mode changes from user mode to diagnosis mode when changing operation is performed.
- In user mode, when SRS air bag warning lamp is not blinking, changing to diagnosis mode by ignition switch operation is not possible.
- In diagnosis mode, when repair is complete and system is normal, the mode changes to user mode when ignition switch is turned from OFF to ON.

PROCEDURE TO CHANGE TO DIAGNOSIS MODE

1. Turn ignition switch from OFF to ON.
2. SRS air bag lamp turns ON for 7 second and turns OFF, then turn ignition switch OFF within 1second after the lamp turns OFF.
3. After turning ignition switch OFF, wait for 3 seconds or more.
4. Repeat operation 1 to 3 for 2 times so that operation 1 to 3 is repeated for 3times in total.
5. Turn ignition switch from OFF to ON. Self diagnosis mode changes to diagnosis mode.

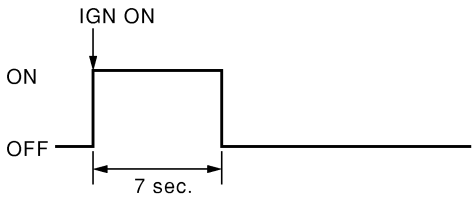
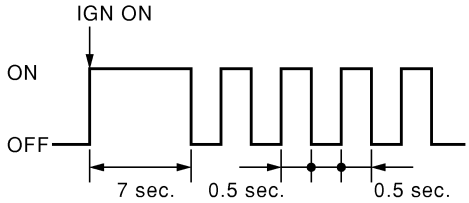
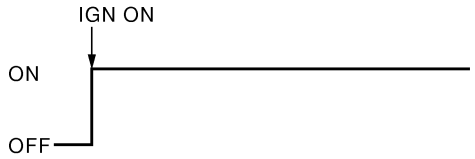
USER MODE

In USER MODE, air bag warning lamp on combination meter blinks when a malfunction is detected and warns the customer (driver).

How to Read Air Bag Warning Lamp

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

Air Bag Warning Lamp Examples

Air bag warning lamp operation (user mode)	SRS condition	Reference item
 SHIA0011E	• No malfunction is detected • No further action is necessary	—
 SHIA0012E	• The system is malfunctioning • Self diagnostic result is not erased after repair	Erase “Self Diagnostic Result” Refer to SRC-186, "CONSULT-III Function", How to Erase Self-diagnostic Result
	Battery voltage is low (less than 9 V)	Check “CAUSE OF WARNING” in “Special Function” with CONSULT-III Refer to SRC-186, "CONSULT-III Function"
	Intermittent malfunction is detected in the past	Go to GI-39, "Intermittent Incident"
 SHIA0013E	• Air bag is deployed • Seat belt pre-tensioner is deployed	Go to SRC-314, "Diagnosis Procedure" or SRC-315, "Diagnosis Procedure"
	• Air bag diagnosis sensor unit is malfunctioning • Air bag power supply circuit is malfunctioning • Air bag warning lamp circuit is malfunctioning	Go to SRC-354, "Diagnosis Procedure"
 SHIA0014E	• Air bag diagnosis sensor unit is malfunctioning • Air bag warning lamp circuit is malfunctioning	Go to SRC-355, "Diagnosis Procedure"

DIAGNOSIS MODE

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

How to Read Air Bag Warning Lamp

1. Follow the procedures of “PROCEDURE TO CHANGE TO DIAGNOSIS MODE”, and switch to the diagnosis mode.
2. Turn ignition switch ON. Check the blinking pattern of air bag warning lamp.
   There are 2 blinking patterns for the air bag warning lamp as per the following items.
   • Front air bag system: 3 second blink followed by a 0.5 second blink repeated.

- Side air bag system: Two 1.5 second blinks followed by a 0.5 second blink repeated.

Front air bag system

Number of 0.5 second blinks	Malfunctioning items
0	• Self-diagnostic result is not erased after repair • Intermittent malfunction is detected in the past
1	Seat belt pre-tensioner LH
2	Driver air bag module
3	Seat belt pre-tensioner RH
5	Occupant Classification System control unit
6	Crash zone sensor
7	Air bag diagnosis sensor unit
8	Passenger air bag module
11	Passenger air bag OFF indicator
17	Air bag diagnosis sensor unit

Side air bag system

Number of 0.5-second blinks	Malfunctioning items
1	Side air bag module RH
2	Side air bag module LH
3	Satellite sensor RH
4	Satellite sensor LH
5	Curtain air bag module RH
6	Curtain air bag module LH
14	Door-mounted curtain air bag module RH
15	Door-mounted curtain air bag module LH

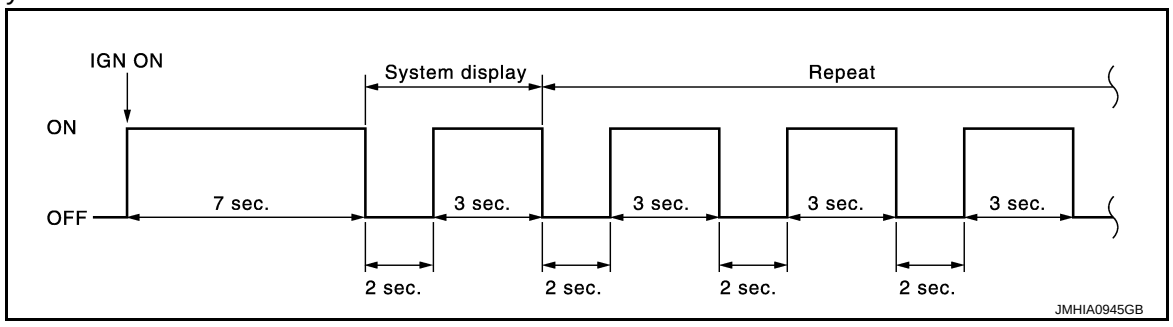
How to Erase Self-diagnostic Result

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

EXAMPLE OF AIR BAG WARNING LAMP OPERATION IN THE DIAGNOSIS MODE

System Normal

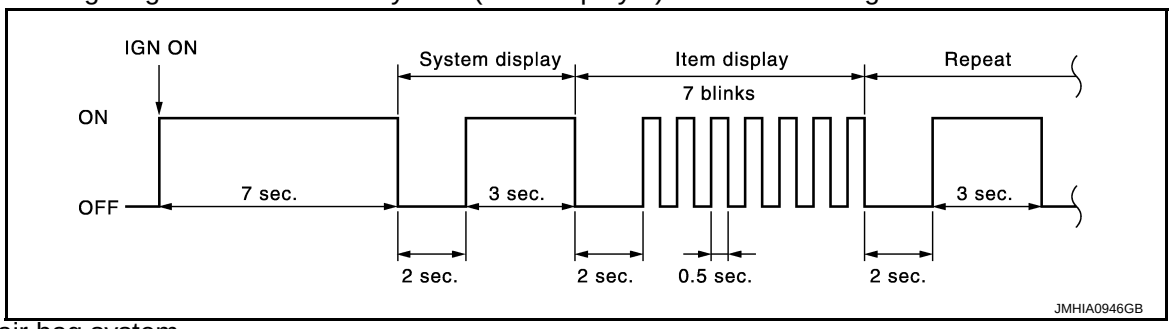
When system is normal.



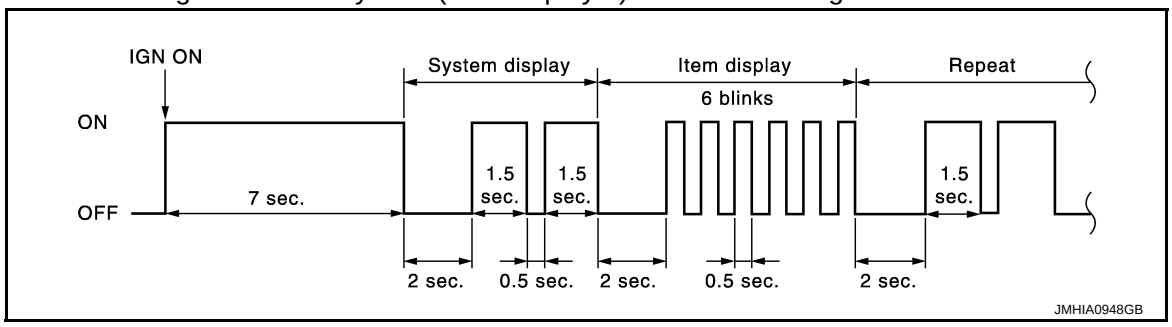
Single System Malfunction

- Front air bag system

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

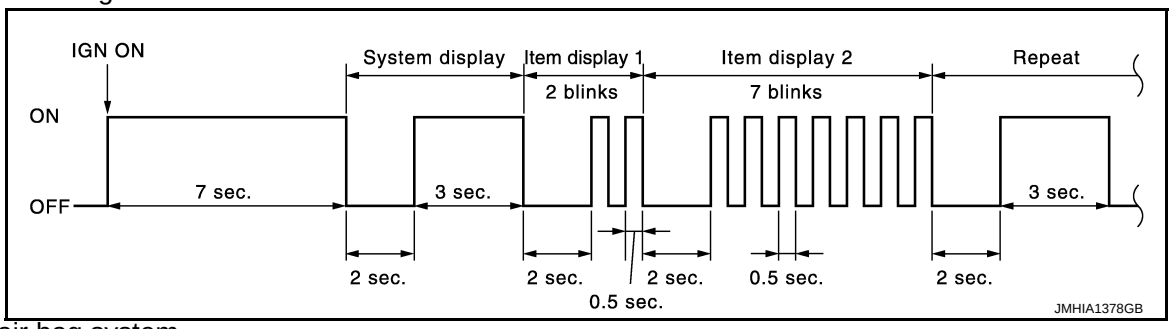


- Side air bag system
  When curtain air bag module LH system (Item display 1) is malfunctioning.

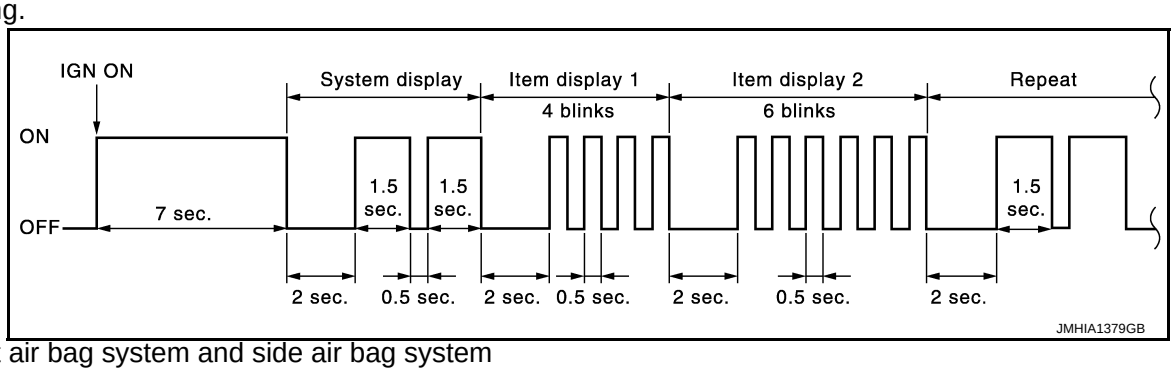


Multiple Systems Malfunction

- Front air bag system
  When driver air bag module (Item display 1) and air bag diagnosis sensor unit system (Item display 2) are malfunctioning.

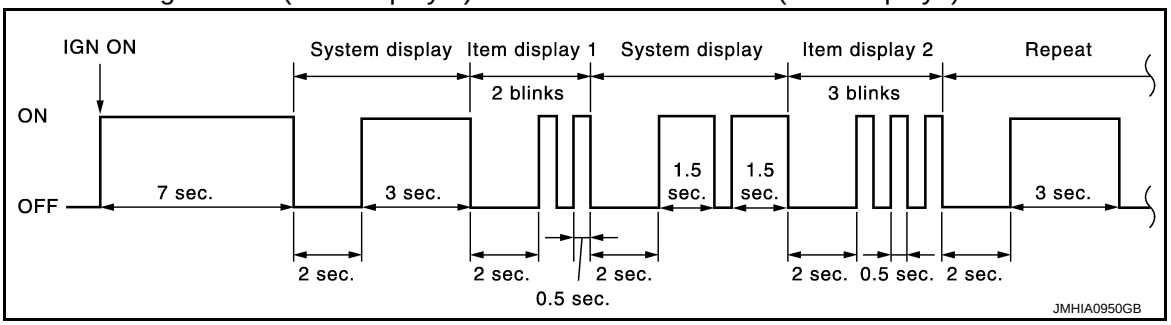


- Side air bag system
  When satellite sensor LH (Item display1) and curtain air bag module LH system (Item display 2) are malfunctioning.



- Front air bag system and side air bag system

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



DIAGNOSIS SYSTEM (AIR BAG)

CONSULT-III Function

INFOID:0000000005455955

APPLICATION ITEM

CONSULT-III performs the following functions.

Diagnosis mode		Description
Ecu Identification		Air bag diagnosis sensor unit ECU discriminated number (identification number) is displayed. Air bag diagnosis sensor unit has individual ECU discriminated number (identification number) based on model and equipment.
Self Diagnostic Result		The current self diagnosis results (also indicated with the number of air bag warning lamp blinks in the diagnosis mode) are displayed on CONSULT-III screen in real time. This refers to a malfunctioning part requiring repairs. Refer to SRC-340, "DTC Index".
Function Test	CAR COMPUTER DIAG.	Test result is indicated using “OK” or “NG” so that the customer recognizes easily.
Special function	SELF-DIAG [PAST]	Diagnosis results previously stored in the memory are displayed on CONSULT-III screen. The stored results are not erased until memory erasing is executed.
	TROUBLE DIAG RECORD	With TROUBLE DIAG RECORD, diagnosis results previously erased by a reset operation can be displayed on CONSULT-III screen.
	SELF-DIAG RESULT [CAN]	CAN diagnosis result is displayed.
	CAUSE OF WARNING	It displays the cause of warning lamp illumination that is not recorded in memory.

HOW TO ERASE SELF DIAGNOSTIC RESULTS

- “Self Diagnostic Result”
  A current self-diagnostic result is displayed on CONSULT-III screen in real time.
  After the malfunction is repaired completely, no malfunction is detected on “Self Diagnostic Result”.
- “SELF-DIAG [PAST]”
  Return to “Self Diagnostic Result” CONSULT-III screen by touching the “BACK” key of CONSULT-III and select “Self Diagnostic Result” in SELECT DIAG MODE. Touch “Erase” in “Self Diagnostic Result” mode.
  NOTE:
  If the memory of the malfunction in “SELF-DIAG [PAST]” is not erased, the user mode shows the system malfunction by the illumination of the warning lamp even if the malfunction is repaired completely.
- “TROUBLE DIAG RECORD”
  The memory of “TROUBLE DIAG RECORD” cannot be erased.
- “SELF-DIAG RESULT [CAN]”
  Self-diagnosis result can be erased when touching “Erase”.
  Self-diagnosis result other than “SELF-DIAG RESULT [CAN]” is erased.

SPECIAL FUNCTION

CAUSE OF WARNING

This item indicates IGN low voltage condition.
The air bag warning lamp blink in user mode when the battery voltage is lowered to the voltage value (less than 9 V) at which the SRS cannot be operated normally. The air bag warning lamp turns OFF after the battery voltage returns to normal status after blinking.
In such a case, the DTC memory is not performed and changing to the self-diagnostic mode by IGN operation cannot be performed while the air bag warning lamp illuminates. “NO DTC” is displayed even if the malfunctioning parts are checked by CONSULT-III.
This function records the following items.

Display contents of CONSULT-III		Description
Air bag	IGN VOLT COND	“LOW” is displayed when IGN low voltage is detected. If not, “OK” is displayed.
	IGN VOLT TIME	Times of IGN low voltage is detected.
	LOW V RECORED	Times of IGN ON after IGN low voltage is detected.

DTC/CIRCUIT DIAGNOSIS

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

Description

INFOID:0000000005455961

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005455962

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1001 B1002 B1003 B1004 B1005	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1. CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-187, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005455963

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

1. CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".

2. Perform DTC confirmation procedure. Refer to SRC-187, "DTC Logic".

Is DTC detected?

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

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

Description

INFOID:0000000005455964

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005455965

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1006 B1007 B1008 B1009 B1010	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-189, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005455966

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-189, "DTC Logic"

Is DTC detected?

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

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

Description

INFOID:0000000005455967

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005455968

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1011 B1012 B1013 B1014 B1015	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-191, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005455969

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-191, "DTC Logic"

Is DTC detected?

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

B1017, B1020, B1021 OCCUPANT SYSTEM CONTROL UNIT

Description

INFOID:0000000005455970

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

DTC Logic

INFOID:0000000005455971

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1017 B1020 B1021	OCCUPANT SENS C/U [UNIT FAIL]	Occupant Classification System control unit is malfunctioning	• Disconnection of wiring harness • Malfunction in Occupant Classification System control unit • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result with CONSULT-III.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-193, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005455972

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

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-193, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

4. REPLACE OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace passenger seat cushion assembly. Refer to SE-84, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-193, "DTC Logic".

Is DTC detected?

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

B1018 OCCUPANT SYSTEM SENSOR

Description

INFOID:0000000005455973

Occupant Classification System sensor detects occupant in passenger seat and transmits it to Occupant Classification System control unit.

DTC Logic

INFOID:0000000005455974

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1018	OCCUPANT SENS [UNIT FAIL]	Occupant Classification System sensor is malfunctioning	• Disconnection of wiring harness • Malfunction in Occupant Classification System sensor • Malfunction in Occupant Classification System control unit • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result with CONSULT-III.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-195, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005455975

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

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-195, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

4. REPLACE OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT AND SENSOR

1. Replace passenger seat cushion assembly. Refer to SE-84, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-195, "DTC Logic".

Is DTC detected?

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

B1022 OCCUPANT SYSTEM CONTROL UNIT

Description

INFOID:0000000005455976

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

DTC Logic

INFOID:0000000005455977

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1022	OCCUPANT SENS C/U [COMM FAIL]	• Internal malfunction of Occupant Classification Sytem control unit • Malfunction of circuit between Occupant Classification Sytem control unit and Air bag diagnosis sensor unit • Malfunction of Air bag diagnosis sensor unit	• Disconnection of wiring harness • Malfunction in Occupant Classification System control unit • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result with CONSULT-III.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-197, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005455978

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

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-197, "DTC Logic".

Is DTC detected?

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

4. CHECK OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace passenger seat cushion assembly. Refer to SE-84, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-197, "DTC Logic".

Is DTC detected?

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

B1023 PASSENGER AIR BAG OFF INDICATOR

Description

INFOID:0000000005455979

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

DTC Logic

INFOID:0000000005455980

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1023	PASS A/B INDCTR CKT [UNIT FAIL]	Passenger air bag OFF indicator circuit is open or shorted to ground or the circuits are shorted each other	• Disconnection of wiring harness • Malfunction in passenger air bag OFF indicator • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result with CONSULT-III.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-199, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005455981

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

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-199, "DTC Logic".

Is DTC detected?

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

4. CHECK PASSENGER AIR BAG OFF INDICATOR

1. Replace passenger air bag OFF indicator.
2. Perform DTC confirmation procedure. Refer to SRC-199, "DTC Logic".

Is DTC detected?

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

B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR

Description

INFOID:0000000005455982

Occupant Classification System sensor detects occupant in passenger seat and transmits it to Occupant Classification System control unit.

DTC Logic

INFOID:0000000005455983

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1025 B1032 B1048	OCS SENSOR	• Internal malfunction of Occupant Classification Sytem control unit • Malfunction of circuit between Occupant Classification Sytem control unit and Air bag diagnosis sensor unit • Malfunction of Air bag diagnosis sensor unit	• Disconnection of wiring harness • Malfunction in Occupant Classification System control unit • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result with CONSULT-III.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-201, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005455984

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

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-201, "DTC Logic".

Is DTC detected?

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

4. CHECK OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace passenger seat cushion assembly. Refer to SE-84, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-201, "DTC Logic".

Is DTC detected?

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

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

Description

INFOID:0000000005455985

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005455986

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1026 B1027 B1028 B1029 B1030 B1031	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-203, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005455987

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-203, "DTC Logic".

Is DTC detected?

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

B1033, B1034 CRASH ZONE SENSOR

Description

INFOID:0000000005455988

Crash zone sensor is a G sensor that outputs voltage signal during deceleration at the time of a vehicle frontal collision that is more than the specified limit is detected.

DTC Logic

INFOID:0000000005455989

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1033 B1034	CRASH ZONE SEN [UNIT FAIL]	Crash zone sensor is malfunctioning	• Disconnection of wiring harness • Malfunction in crash zone sensor • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-205, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005455990

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-205, "DTC Logic".

Is DTC detected?

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

4.REPLACE CRASH ZONE SENSOR

1. Replace crash zone sensor. Refer to SR-26, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-205, "DTC Logic".

Is DTC detected?

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

B1035 CRASH ZONE SENSOR

Description

INFOID:0000000005455991

Crash zone sensor is a G sensor that outputs voltage signal during deceleration at the time of a vehicle frontal collision that is more than the specified limit is detected.

DTC Logic

INFOID:0000000005455992

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1035	CRASH ZONE SEN [COMM FAIL]	Crash zone sensor is malfunctioning	• Disconnection of wiring harness • Malfunction in crash zone sensor • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-207, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005455993

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-207, "DTC Logic".

Is DTC detected?

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

4.REPLACE CRASH ZONE SENSOR

1. Replace crash zone sensor. Refer to SR-26, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-207, "DTC Logic".

Is DTC detected?

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

B1036 CRASH ZONE SENSOR

Description

INFOID:0000000005455994

Crash zone sensor is a G sensor that outputs voltage signal during deceleration at the time of a vehicle frontal collision that is more than the specified limit is detected.

DTC Logic

INFOID:0000000005455995

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1036	CRASH ZONE SEN [UNMATCH]	Crash zone sensor is out of the specified specification	Diagnosis sensor unit or crash zone sensor is different from the part specified

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-209, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005455996

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-209, "DTC Logic".

Is DTC detected?

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

4.REPLACE CRASH ZONE SENSOR

1. Replace crash zone sensor. Refer to SR-26, "Exploded View".

2. Perform DTC confirmation procedure. Refer to SRC-209, "DTC Logic".

Is DTC detected?

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

B1037, B1039, B1041 CRASH ZONE SENSOR

Description

INFOID:0000000005455997

Crash zone sensor is a G sensor that outputs voltage signal during deceleration at the time of a vehicle frontal collision that is more than the specified limit is detected.

DTC Logic

INFOID:0000000005455998

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1037 B1039 B1041	CRASH ZONE SENS1	Crash zone sensor is malfunctioning	• Disconnection of wiring harness • Malfunction in crash zone sensor • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-211, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005455999

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-211, "DTC Logic".

Is DTC detected?

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

4.REPLACE CRASH ZONE SENSOR

1. Replace crash zone sensor. Refer to SR-26, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-211, "DTC Logic".

Is DTC detected?

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

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

Description

INFOID:0000000005456000

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005456001

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1042 B1043 B1044 B1045 B1046 B1047	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-213, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456002

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-213, "DTC Logic".

Is DTC detected?

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

B1049, B1054 DRIVER AIR BAG MODULE

Description

INFOID:0000000005456003

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456004

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1049 B1054	DRIVER AIRBAG MODULE [OPEN]	Driver air bag module circuit is open (including the spiral cable)	• Disconnection of wiring harness and open • Malfunction in driver air bag module • Malfunction in spiral cable • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-215, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456005

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.CHECK SPIRAL CABLE CIRCUIT

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

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	
M301	12		29	
	9		30	

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

Driver side air bag module		Ground	Continuity
Connector	Terminal		
M302	10		Not existed
	11		
M301	12		
	9		

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace combination switch (spiral cable). Refer to SR-17, "Exploded View".

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-215, "DTC Logic".

Is DTC detected?

YES >> GO TO 5.
NO >> INSPECTION END

5. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to SR-14, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-215, "DTC Logic".

Is DTC detected?

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

B1050, B1055 DRIVER AIR BAG MODULE

Description

INFOID:0000000005456006

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456007

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1050 B1055	DRIVER AIRBAG MODULE [VB-SHORT]	Driver air bag module circuit is shorted to power supply circuit (including the spiral cable)	• Disconnection of wiring harness and short • Malfunction in driver air bag module • Malfunction in spiral cable • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-217, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456008

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.CHECK SPIRAL CABLE CIRCUIT

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

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	
M301	12		29	
	9		30	

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

Driver side air bag module		Ground	Continuity
Connector	Terminal		
M302	10		Not existed
	11		
M301	12		
	9		

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace combination switch (spiral cable). Refer to SR-17, "Exploded View".

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-217, "DTC Logic".

Is DTC detected?

YES >> GO TO 5.
NO >> INSPECTION END

5. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to SR-14, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-217, "DTC Logic".

Is DTC detected?

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

B1051, B1056 DRIVER AIR BAG MODULE

Description

INFOID:0000000005456009

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456010

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1051 B1056	DRIVER AIRBAG MODULE [GND-SHORT]	Driver air bag module circuit is shorted to ground (including the spiral cable)	• Disconnection of wiring harness and short • Malfunction in driver air bag module • Malfunction in spiral cable • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-219, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456011

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.CHECK SPIRAL CABLE CIRCUIT

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

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	
M301	12		29	
	9		30	

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

Driver side air bag module			Continuity
Connector	Terminal		
M302	10	Ground	Not existed
	11		
M301	12		
	9		

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace combination switch (spiral cable). Refer to SR-17, "Exploded View".

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-219, "DTC Logic".

Is DTC detected?

YES >> GO TO 5.
NO >> INSPECTION END

5. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to SR-14, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-219, "DTC Logic".

Is DTC detected?

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

B1052, B1057 DRIVER AIR BAG MODULE

Description

INFOID:0000000005456012

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456013

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1052 B1057	DRIVER AIRBAG MODULE [SHORT]	Driver air bag module circuit are shorted to each other (including the spiral cable)	• Disconnection of wiring harness and short • Malfunction in driver air bag module • Malfunction in spiral cable • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-221, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456014

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.CHECK SPIRAL CABLE CIRCUIT

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

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	
M301	12		29	
	9		30	

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

Driver side air bag module		Ground	Continuity
Connector	Terminal		
M302	10		Not existed
	11		
M301	12		
	9		

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace combination switch (spiral cable). Refer to SR-17, "Exploded View".

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-221, "DTC Logic".

Is DTC detected?

YES >> GO TO 5.
NO >> INSPECTION END

5. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to SR-14, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-221, "DTC Logic".

Is DTC detected?

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

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

Description

INFOID:0000000005456015

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005456016

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1058 B1059 B1060 B1061 B1062 B1063	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-223, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456017

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View" .
2. Perform DTC confirmation procedure. Refer to SRC-223, "DTC Logic".

Is DTC detected?

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

B1065, B1070 PASSENGER AIR BAG MODULE

Description

INFOID:0000000005456018

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456019

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1065 B1070	ASSIST A/B MODULE [OPEN]	Passenger air bag module circuit is open	• Disconnection of wiring harness and open • Malfunction in passenger air bag module • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-225, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456020

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-225, "DTC Logic".

Is DTC detected?

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

4. REPLACE PASSENGER AIR BAG MODULE

1. Replace passenger air bag module. Refer to SR-20, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-225, "DTC Logic".

Is DTC detected?

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

B1066, B1071 PASSENGER AIR BAG MODULE

Description

INFOID:0000000005456021

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456022

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1066 B1071	ASSIST A/B MODULE [VB-SHORT]	Passenger air bag module circuit is shorted to power supply circuit	• Disconnection of wiring harness and short • Malfunction in passenger air bag module • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-227, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456023

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-227, "DTC Logic".

Is DTC detected?

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

4. REPLACE PASSENGER AIR BAG MODULE

1. Replace passenger air bag module. Refer to SR-20, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-227, "DTC Logic".

Is DTC detected?

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

B1067, B1072 PASSENGER AIR BAG MODULE

Description

INFOID:0000000005456024

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456025

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1067 B1072	ASSIST A/B MODULE [GND-SHORT]	Passenger air bag module circuit is shorted to ground	• Disconnection of wiring harness and short • Malfunction in passenger air bag module • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-229, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456026

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-229, "DTC Logic".

Is DTC detected?

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

4. REPLACE PASSENGER AIR BAG MODULE

1. Replace passenger air bag module. Refer to SR-20, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-229, "DTC Logic".

Is DTC detected?

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

B1068, B1073 PASSENGER AIR BAG MODULE

Description

INFOID:0000000005456027

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456028

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1068 B1073	ASSIST A/B MODULE [SHORT]	Passenger air bag module circuits are shorted to each other	• Disconnection of wiring harness and short • Malfunction in passenger air bag module • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-231, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456029

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-231, "DTC Logic".

Is DTC detected?

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

4. REPLACE PASSENGER AIR BAG MODULE

1. Replace passenger air bag module. Refer to SR-20, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-231, "DTC Logic".

Is DTC detected?

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

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

Description

INFOID:0000000005456030

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005456031

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1074 B1075 B1076 B1077 B1078 B1079	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-233, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456032

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-233, "DTC Logic".

Is DTC detected?

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

B1080, B1096 DRIVER AIR BAG MODULE

Description

INFOID:0000000005456033

In case of frontal collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456034

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1080 B1096	DRIVER AIRBAG MODULE [SHORT]	Driver air bag module circuit are shorted to each other (including the spiral cable)	• Disconnection of wiring harness and short • Malfunction in driver air bag module • Malfunction in spiral cable • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-235, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456035

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.CHECK SPIRAL CABLE CIRCUIT

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

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M302	10	M35	28	Existed
	11		30	
M301	12		29	
	9		30	

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

Driver side air bag module		Ground	Continuity
Connector	Terminal		
M302	10		Not existed
	11		
M301	12		
	9		

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace combination switch (spiral cable). Refer to SR-17, "Exploded View".

4. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-235, "DTC Logic".

Is DTC detected?

YES >> GO TO 5.
NO >> INSPECTION END

5. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to SR-14, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-235, "DTC Logic".

Is DTC detected?

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

B1081 SEAT BELT PRE-TENSIONER RH

Description

INFOID:0000000005456036

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

DTC Logic

INFOID:0000000005456037

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1081	PRE-TEN FRONT RH [OPEN]	Seat belt pre-tensioner RH circuit is open	• Disconnection of wiring harness and open • Malfunction in seat belt pre-tensioner RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-237, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456038

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-14, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-237, "DTC Logic".

Is DTC detected?

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

4. REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to SR-34, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-237, "DTC Logic".

Is DTC detected?

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

B1082 SEAT BELT PRE-TENSIONER RH

Description

INFOID:0000000005456039

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

DTC Logic

INFOID:0000000005456040

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1082	PRE-TEN FRONT RH [VB-SHORT]	Seat belt pre-tensioner RH circuit is shorted to power supply circuit	• Disconnection of wiring harness and short • Malfunction in seat belt pre-tensioner RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-239, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456041

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-239, "DTC Logic".

Is DTC detected?

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

4. REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to SR-34, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-239, "DTC Logic".

Is DTC detected?

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

B1083 SEAT BELT PRE-TENSIONER RH

Description

INFOID:0000000005456042

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

DTC Logic

INFOID:0000000005456043

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1083	PRE-TEN FRONT RH [GND-SHORT]	Seat belt pre-tensioner RH circuit is shorted to ground	• Disconnection of wiring harness and short • Malfunction in seat belt pre-tensioner RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-241, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456044

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-241, "DTC Logic".

Is DTC detected?

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

4. REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to SR-34, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-241, "DTC Logic".

Is DTC detected?

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

B1084 SEAT BELT PRE-TENSIONER RH

Description

INFOID:0000000005456045

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

DTC Logic

INFOID:0000000005456046

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1084	PRE-TEN FRONT RH [SHORT]	Seat belt pre-tensioner RH circuits are shorted to each other	• Disconnection of wiring harness and short • Malfunction in seat belt pre-tensioner RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-243, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456047

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-243, "DTC Logic".

Is DTC detected?

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

4. REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to SR-34, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-243, "DTC Logic".

Is DTC detected?

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

B1086 SEAT BELT PRE-TENSIONER LH

Description

INFOID:0000000005456048

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

DTC Logic

INFOID:0000000005456049

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1086	PRE-TEN FRONT LH [OPEN]	Seat belt pre-tensioner LH circuit is open	• Disconnection of wiring harness and open • Malfunction in seat belt pre-tensioner LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-245, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456050

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-245, "DTC Logic".

Is DTC detected?

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

4. REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to SR-34, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-245, "DTC Logic".

Is DTC detected?

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

B1087 SEAT BELT PRE-TENSIONER LH

Description

INFOID:0000000005456051

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

DTC Logic

INFOID:0000000005456052

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1087	PRE-TEN FRONT LH [VB-SHORT]	Seat belt pre-tensioner LH circuit is shorted to power supply circuit	• Disconnection of wiring harness and short • Malfunction in seat belt pre-tensioner LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-247, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456053

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-247, "DTC Logic".

Is DTC detected?

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

4. REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to SR-34, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-247, "DTC Logic".

Is DTC detected?

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

B1088 SEAT BELT PRE-TENSIONER LH

Description

INFOID:0000000005456054

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

DTC Logic

INFOID:0000000005456055

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1088	PRE-TEN FRONT LH [GND-SHORT]	Seat belt pre-tensioner LH circuit is shorted to ground	• Disconnection of wiring harness and short • Malfunction in seat belt pre-tensioner LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-249, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456056

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-249, "DTC Logic".

Is DTC detected?

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

4. REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to SR-34, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-249, "DTC Logic".

Is DTC detected?

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

B1089 SEAT BELT PRE-TENSIONER LH

Description

INFOID:0000000005456057

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

DTC Logic

INFOID:0000000005456058

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1089	PRE-TEN FRONT LH [SHORT]	Seat belt pre-tensioner LH circuits are shorted to each other	• Disconnection of wiring harness and short • Malfunction in seat belt pre-tensioner LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-251, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456059

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-251, "DTC Logic".

Is DTC detected?

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

4. REPLACE SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to SR-34, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-251, "DTC Logic".

Is DTC detected?

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

B1090, B1091, B1092, B1093, B1094, B1095 DIAGNOSIS SENSOR UNIT

Description

INFOID:0000000005456060

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005456061

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1090 B1091 B1092 B1093 B0194 B1095	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-253, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456062

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-253, "DTC Logic".

Is DTC detected?

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

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

Description

INFOID:0000000005456063

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005456064

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1106 B1107 B1108 B1109 B1110 B1111	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-255, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456065

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-255, "DTC Logic".

Is DTC detected?

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

B1113, B1114 SATELLITE SENSOR RH

Description

INFOID:0000000005456066

When air bag diagnosis sensor unit defines both signal voltage of the “G” sensor and the safing algorithm to be that of collision which is more than the specified level, the driving circuit switches on and feeds the electric ignitor of both the front side air bag and side curtain air bag.

DTC Logic

INFOID:0000000005456067

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1113 B1114	SATELLITE SENS RH [UNIT FAIL]	Satellite sensor RH is malfunctioning	• Disconnection of wiring harness • Malfunction in satellite sensor RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-257, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456068

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-257, "DTC Logic".

Is DTC detected?

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

4. REPLACE SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to SR-34, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-257, "DTC Logic".

Is DTC detected?

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

B1115 SATELLITE SENSOR RH

Description

INFOID:0000000005456069

When air bag diagnosis sensor unit defines both signal voltage of the “G” sensor and the safing algorithm to be that of collision which is more than the specified level, the driving circuit switches on and feeds the electric ignitor of both the front side air bag and side curtain air bag.

DTC Logic

INFOID:0000000005456070

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1115	SATELLITE SENS RH [COMM FAIL]	Satellite sensor RH is malfunctioning	• Disconnection of wiring harness • Malfunction in satellite sensor RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-259, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456071

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-259, "DTC Logic".

Is DTC detected?

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

4. REPLACE SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to SR-28, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-259, "DTC Logic".

Is DTC detected?

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

B1116 SATELLITE SENSOR RH

Description

INFOID:0000000005456072

When air bag diagnosis sensor unit defines both signal voltage of the “G” sensor and the safing algorithm to be that of collision which is more than the specified level, the driving circuit switches on and feeds the electric ignitor of both the front side air bag and side curtain air bag.

DTC Logic

INFOID:0000000005456073

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1116	SATELLITE SENS RH [UNMATCH]	Satellite sensor RH is out of the specified specification	Diagnosis sensor unit or satellite sensor RH is different from the part specified

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-261, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456074

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-261, "DTC Logic".

Is DTC detected?

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

4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to SR-28, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-261, "DTC Logic".

Is DTC detected?

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

B1118, B1119 SATELLITE SENSOR LH

Description

INFOID:0000000005456075

When air bag diagnosis sensor unit defines both signal voltage of the “G” sensor and the safing algorithm to be that of collision which is more than the specified level, the driving circuit switches on and feeds the electric ignitor of both the front side air bag and side curtain air bag.

DTC Logic

INFOID:0000000005456076

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1118 B1119	SATELLITE SENS LH [UNIT FAIL]	Satellite sensor LH is malfunctioning	• Disconnection of wiring harness • Malfunction in satellite sensor LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-263, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456077

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-263, "DTC Logic".

Is DTC detected?

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

4. REPLACE SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to SR-28, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-263, "DTC Logic"

Is DTC detected?

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

B1120 SATELLITE SENSOR LH

Description

INFOID:0000000005456078

When air bag diagnosis sensor unit defines both signal voltage of the “G” sensor and the safing algorithm to be that of collision which is more than the specified level, the driving circuit switches on and feeds the electric ignitor of both the front side air bag and side curtain air bag.

DTC Logic

INFOID:0000000005456079

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1120	SATELLITE SENS LH [COMM FAIL]	Satellite sensor LH is malfunctioning	• Disconnection of wiring harness • Malfunction in satellite sensor LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-265, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456080

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-265, "DTC Logic".

Is DTC detected?

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

4. REPLACE SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to SR-28, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-265, "DTC Logic".

Is DTC detected?

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

B1121 SATELLITE SENSOR LH

Description

INFOID:0000000005456081

When air bag diagnosis sensor unit defines both signal voltage of the “G” sensor and the safing algorithm to be that of collision which is more than the specified level, the driving circuit switches on and feeds the electric ignitor of both the front side air bag and side curtain air bag.

DTC Logic

INFOID:0000000005456082

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1121	SATELLITE SENS LH [UNMATCH]	Satellite sensor LH is out of the specified specification	Diagnosis sensor unit or satellite sensor RH is different from the part specified

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

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

Is malfunctioning part detected?

YES >> Refer to SRC-267, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456083

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

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

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-267, "DTC Logic".

Is DTC detected?

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

4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to SR-28, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-267, "DTC Logic".

Is DTC detected?

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

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

Description

INFOID:0000000005456084

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005456085

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1122 B1123 B1124 B1125 B1126 B1127	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

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

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-269, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456086

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-269, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1129 SIDE AIR BAG MODULE RH

Description

INFOID:0000000005456087

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456088

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1129	SIDE MODULE RH [OPEN]	Side air bag module RH circuit is open	• Disconnection of wiring harness and open • Malfunction in side air bag module RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status.SRC-181, "Diagnosis with Air Bag Warning Lamp"

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-271, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456089

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-271, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to SR-22, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-271, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1130 SIDE AIR BAG MODULE RH

Description

INFOID:0000000005456090

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456091

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1130	SIDE MODULE RH [VB-SHORT]	Side air bag module RH circuit is shorted to power supply circuit	• Disconnection of wiring harness and short • Malfunction in side air bag module RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-273, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456092

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-273, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to SE-84, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-273, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1131 SIDE AIR BAG MODULE RH

Description

INFOID:0000000005456093

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456094

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1131	SIDE MODULE RH [GND-SHORT]	Side air bag module RH circuit is shorted to ground	• Disconnection of wiring harness and short • Malfunction in side air bag module RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-275, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456095

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-275, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to SE-84, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-275, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1132 SIDE AIR BAG MODULE RH

Description

INFOID:0000000005456096

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456097

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1132	SIDE MODULE RH [SHORT]	Side air bag module RH circuits are shorted to each other	• Disconnection of wiring harness and short • Malfunction in side air bag module RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-277, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456098

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-277, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to SE-84, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-277, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1134 SIDE AIR BAG MODULE LH

Description

INFOID:0000000005456099

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456100

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1134	SIDE MODULE LH [OPEN]	Side air bag module LH circuit is open	• Disconnection of wiring harness and open • Malfunction in side air bag module LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-279, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456101

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-279, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to SE-84, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-279, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1135 SIDE AIR BAG MODULE LH

Description

INFOID:0000000005456102

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456103

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1135	SIDE MODULE LH [VB-SHORT]	Side air bag module LH circuit is shorted to power supply circuit	• Disconnection of wiring harness and short • Malfunction in side air bag module LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-281, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456104

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-281, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to SE-84, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-281, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1136 SIDE AIR BAG MODULE LH

Description

INFOID:0000000005456105

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456106

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1136	SIDE MODULE LH [GND-SHORT]	Side air bag module LH circuit is shorted to ground	• Disconnection of wiring harness and short • Malfunction in side air bag module LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-283, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456107

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-283, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to SE-84, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-283, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1137 SIDE AIR BAG MODULE LH

Description

INFOID:0000000005456108

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456109

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1137	SIDE MODULE LH [SHORT]	Side air bag module LH circuits are shorted to each other	• Disconnection of wiring harness and short • Malfunction in side air bag module LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-285, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456110

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-285, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module LH. Refer to SE-84, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-285, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1138, B1139, B1140, B1141, B1142, B1143 DIAGNOSIS SENSOR UNIT

Description

INFOID:0000000005456111

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005456112

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1138 B1139 B1140 B1141 B1142 B1143	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-287, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456113

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-287, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1144 DIAGNOSIS SENSOR UNIT

Description

INFOID:0000000005456114

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005456115

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1144	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning or out of the specification	• Malfunction in air bag diagnosis sensor unit • Configuration in air bag diagnosis sensor unit does not match the vehicles specification

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-289, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456116

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-289, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1145 CURTAIN AIR BAG MODULE RH

Description

INFOID:0000000005456117

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456118

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1145	CURTAIN MODULE RH [OPEN]	Curtain air bag module RH circuit is open	• Disconnection of wiring harness and open • Malfunction in side curtain air bag module RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-290, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456119

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-290, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module RH. Refer to SR-22, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-290, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1146 CURTAIN AIR BAG MODULE RH

Description

INFOID:0000000005456120

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456121

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1146	CURTAIN MODULE RH [VB-SHORT]	Curtain air bag module RH circuit is shorted to power supply circuit	• Disconnection of wiring harness and short • Malfunction in curtain air bag module RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-292, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456122

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-292, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module RH. Refer to SR-22, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-292, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1147 CURTAIN AIR BAG MODULE RH

Description

INFOID:0000000005456123

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456124

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1147	CURTAIN MODULE RH [GND-SHORT]	Curtain air bag module RH circuit is shorted to ground	• Disconnection of wiring harness and short • Malfunction in curtain air bag module RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-294, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456125

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-294, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module RH. Refer to SR-22, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-294, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1148 CURTAIN AIR BAG MODULE RH

Description

INFOID:0000000005456126

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456127

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1148	CURTAIN MODULE RH [SHORT]	Curtain air bag module RH circuits are shorted to each other	• Disconnection of wiring harness and short • Malfunction in curtain air bag module RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-296, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456128

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-296, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module RH. Refer to SR-22, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-296, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1150 CURTAIN AIR BAG MODULE LH

Description

INFOID:0000000005456129

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456130

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1150	CURTAIN MODULE LH [OPEN]	Curtain air bag module LH circuit is open	• Disconnection of wiring harness and open • Malfunction in curtain air bag module LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-298, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456131

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-298, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module LH. Refer to SR-22, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-298, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1151 CURTAIN AIR BAG MODULE LH

Description

INFOID:0000000005456132

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456133

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1151	CURTAIN MODULE LH [VB-SHORT]	Curtain air bag module LH circuit is shorted to power supply circuit	• Disconnection of wiring harness and short • Malfunction in curtain air bag module LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-300, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456134

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-300, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module LH. Refer to SR-22, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-300, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1152 CURTAIN AIR BAG MODULE LH

Description

INFOID:0000000005456135

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456136

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1152	CURTAIN MODULE LH [GND-SHORT]	Curtain air bag module LH circuit is shorted to ground	• Disconnection of wiring harness and short • Malfunction in curtain air bag module LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-302, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456137

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-302, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module LH. Refer to SR-22, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-302, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1153 CURTAIN AIR BAG MODULE LH

Description

INFOID:0000000005456138

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456139

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1153	CURTAIN MODULE LH [SHORT]	Curtain air bag module LH circuits are shorted to each other	• Disconnection of wiring harness and short • Malfunction in curtain air bag module LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-304, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456140

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-304, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module LH. Refer to SR-22, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-304, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1154, B1155, B1156, B1157, B1158, B1159 DIAGNOSIS SENSOR UNIT

Description

INFOID:0000000005456141

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005456142

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1154 B1155 B1156 B1157 B1158 B1159	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-306, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456143

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-306, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1170, B1171, B1172, B1173, B1174, B1175 DIAGNOSIS SENSOR UNIT

Description

INFOID:0000000005456144

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005456145

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1170 B1171 B1172 B1173 B1174 B1175	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-308, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456146

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-308, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1186, B1187, B1188, B1189, B1190, B1191 DIAGNOSIS SENSOR UNIT

Description

INFOID:0000000005456147

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005456148

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1186 B1187 B1188 B1189 B1190 B1191	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-310, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456149

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-310, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1202, B1203, B1204, B1205, B1206, B1207 DIAGNOSIS SENSOR UNIT

Description

INFOID:0000000005456150

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005456151

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1202 B1203 B1204 B1205 B1206 B1207	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-312, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456152

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-312, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1209 FRONTAL COLLISION DETECTION

Description

INFOID:0000000005456153

The air bags and seat belt pre-tensioners for driver and passenger are activated by the air bag diagnosis sensor unit signal transmitted at the time of the frontal collision.

DTC Logic

INFOID:0000000005456154

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1209	FRONTAL COLLISION DETECTION	Seat belt pre-tensioner, driver side air bag and passenger air bag are deployed	—

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-314, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456155

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.PERFORM COLLISION DIAGNOSIS

Perform collision diagnosis.Refer to SR-8, "FOR FRONTAL COLLISION : When SRS is activated in a collision" or SR-9, "FOR FRONTAL COLLISION : When SRS is not activated in a collision".

Iscollision diagnosis complete?

YES >> GO TO 2.
NO >> INSPECTION END

2.FINAL INSPECTION

Perform “AIR BAG” Self Diagnostic Result.

Is the inspection result normal?

YES >> INSPECTION END
NO >> Peform diagnosis of applicable DTC.Refer to SRC-340, "DTC Index".

B1210 SIDE COLLISION DETECTION

Description

INFOID:0000000005456156

The side air bag and curtain air bag are activated by the air bag diagnosis sensor unit signal transmitted at the time of side collision.

DTC Logic

INFOID:0000000005456157

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1210	SIDE COLLISION DETECTION	Side air bag and curtain air bag are deployed	—

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-315, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005484675

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.PERFORM COLLISION DIAGNOSIS

Perform collision diagnosis.Refer to SR-10, "FOR SIDE AND ROLLOVER COLLISION : When SRS is activated in a collision" or SR-11, "FOR SIDE AND ROLLOVER COLLISION : When SRS is not activated in a collision".

Iscollision diagnosis complete?

YES >> GO TO 2.
NO >> INSPECTION END

2.FINAL INSPECTION

Perform “AIR BAG” Self Diagnostic Result.

Is the inspection result normal?

YES >> INSPECTION END
NO >> Peform diagnosis of applicable DTC.Refer to SRC-340, "DTC Index".

B1211 ROLLOVER DETECTION

Description

INFOID:0000000005474030

The seat belt pre-tensioner and curtain air bag are activated by the air bag diagnosis sensor unit signal at the time of rollover.

DTC Logic

INFOID:0000000005474031

DTC DETECTION LOGIC

With CONSULT-III
DTC No. Index (“SELF-DIAG [CURRENT]”), (“SELF-DIAG [PAST]” or “TROUBLE DIAG RECORD”)

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1211	ROLLOVER DETECTION	Seat belt pre-tensioner and curtain air bag module are deployed because of rollover detection	—

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-18, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-316, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005484676

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.PERFORM COLLISION DIAGNOSIS

Perform collision diagnosis.Refer to SR-10, "FOR SIDE AND ROLLOVER COLLISION : When SRS is activated in a collision" or SR-11, "FOR SIDE AND ROLLOVER COLLISION : When SRS is not activated in a collision".

Iscollision diagnosis complete?

YES >> GO TO 2.
NO >> INSPECTION END

2.FINAL INSPECTION

Perform “AIR BAG” Self Diagnostic Result.

Is the inspection result normal?

YES >> INSPECTION END
NO >> Peform diagnosis of applicable DTC.Refer to SRC-340, "DTC Index".

B1212, B1213, B1214 SATELLITE SENSOR RH

Description

INFOID:0000000005456162

Satellite sensor is a G sensor that outputs voltage signal during deceleration at the time of a vehicle side collision that is more than the specified limit is detected.

DTC Logic

INFOID:0000000005456163

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1212 B1213 B1214	RH1 SAT-SENS	Satellite sensor RH is malfunctioning	• Disconnection of wiring harness • Malfunction in satellite sensor RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-317, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456164

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-317, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.
NO >> INSPECTION END

4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to SR-28, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-317, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1215, B1216, B1217 SATELLITE SENSOR LH

Description

INFOID:0000000005456165

Satellite sensor is a G sensor that outputs voltage signal during deceleration at the time of a vehicle side collision that is more than the specified limit is detected.

DTC Logic

INFOID:0000000005456166

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1215 B1216 B1217	LH1 SAT-SENS	Satellite sensor LH is malfunctioning	• Disconnection of wiring harness • Malfunction in satellite sensor LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-319, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456167

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-319, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.
NO >> INSPECTION END

4.REPLACE SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to SR-28, "Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-319, "DTC Logic"

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1218, B1219, B1220, B1221, B1222, B1223 DIAGNOSIS SENSOR UNIT

Description

INFOID:0000000005456168

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005456169

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1218 B1219 B1220 B1221 B1222 B1223	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-321, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456170

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-321, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1239 DIAGNOSIS SENSOR UNIT

Description

INFOID:0000000005456171

- It detects a shock that is more than the specified level and monitors whether the driver and passenger air bags, side air bag, curtain air bag, and pre-tensioner seat belts operate normally.
- It contains the “G” sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.

DTC Logic

INFOID:0000000005456172

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1239	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-323, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456173

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-323, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1257 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

Description

INFOID:0000000005456174

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456175

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1257	FR-RH DOOR MNT MODULE [OPEN]	Door-mounted curtain air bag module RH circuit is open	• Disconnection of wiring harness and open • Malfunction in side door-mounted curtain air bag module RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-324, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456176

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-324, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE DOOR-MOUNTED CURTAIN AIR BAG MODULE

1. Replace door-mounted curtain air bag module RH. Refer to SR-24, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-324, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1258 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

Description

INFOID:0000000005456177

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456178

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1258	FR-RH DOOR MNT MODULE [VB-SHORT]	Door-mounted curtain air bag module RH circuit is shorted to power supply circuit	• Disconnection of wiring harness and short • Malfunction in door-mounted curtain air bag module RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-326, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456179

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-326, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE DOOR-MOUNTED CURTAIN AIR BAG MODULE

1. Replace door-mounted curtain air bag module RH. Refer to SR-24, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-326, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1259 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

Description

INFOID:0000000005456180

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456181

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1259	FR-RH DOOR MNT MODULE [GND-SHORT]	Door-mounted curtain air bag module RH circuit is shorted to ground	• Disconnection of wiring harness and short • Malfunction in door-mounted curtain air bag module RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-328, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456182

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-328, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE DOOR-MOUNTED CURTAIN AIR BAG MODULE

1. Replace door-mounted curtain air bag module RH. Refer to SR-24, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-328, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1260 DOOR-MOUNTED CURTAIN AIR BAG MODULE RH

Description

INFOID:0000000005456183

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456184

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1260	FR-RH DOOR MNT MODULE [SHORT]	Door-mounted curtain air bag module RH circuits are shorted to each other	• Disconnection of wiring harness and short • Malfunction in door-mounted curtain air bag module RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-330, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456185

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-330, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE DOOR-MOUNTED CURTAIN AIR BAG MODULE

1. Replace door-mounted curtain air bag module RH. Refer to SR-24, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-330, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1262 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

Description

INFOID:0000000005456186

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456187

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1262	FR-LH DOOR MNT MODULE [OPEN]	Door-mounted curtain air bag module LH circuit is open	• Disconnection of wiring harness and open • Malfunction in door-mounted curtain air bag module LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-332, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456188

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-332, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE DOOR-MOUNTED CURTAIN AIR BAG MODULE

1. Replace door-mounted curtain air bag module LH. Refer to SR-24, "Removal and Installation"
2. Perform DTC confirmation procedure. Refer to SRC-332, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1263 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

Description

INFOID:0000000005456189

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456190

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1263	FR-LH DOOR MNT MODULE [VB-SHORT]	Door-mounted curtain air bag module LH circuit is shorted to power supply circuit	• Disconnection of wiring harness and short • Malfunction in door-mounted curtain air bag module LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-334, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456191

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-334, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE DOOR-MOUNTED CURTAIN AIR BAG MODULE

1. Replace door-mounted curtain air bag module LH. Refer to SR-24, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-334, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1264 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

Description

INFOID:0000000005456192

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456193

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1264	FR-LH DOOR MNT MODULE [GND-SHORT]	Door-mounted curtain air bag module LH circuit is shorted to ground	• Disconnection of wiring harness and short • Malfunction in door-mounted curtain air bag module LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-336, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456194

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-336, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE DOOR-MOUNTED CURTAIN AIR BAG MODULE

1. Replace door-mounted curtain air bag module LH. Refer to SR-24, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-336, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

B1265 DOOR-MOUNTED CURTAIN AIR BAG MODULE LH

Description

INFOID:0000000005456195

In case of side collision where acceleration is more than the specified level, the ignition materials are ignited by electric ignition system. The system burns the gas generating materials resulting in a chemical reaction. This generates hot gases that flow into the air bag through a filter and expand the bag.

DTC Logic

INFOID:0000000005456196

DTC DETECTION LOGIC

DTC	Display contents of CONSULT-III	DTC detecting condition	Possible cause
B1265	FR-LH DOOR MNT MODULE [SHORT]	Door-mounted curtain air bag module LH circuits are shorted to each other	• Disconnection of wiring harness and short • Malfunction in door-mounted curtain air bag module LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT-III
1. Turn ignition switch ON.
2. Perform “AIR BAG” Self Diagnostic Result.

Without CONSULT-III
1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

NOTE:
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

YES >> Refer to SRC-338, "Diagnosis Procedure".
NO >> INSPECTION END

Diagnosis Procedure

INFOID:0000000005456197

WARNING:
- **Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.
NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Perform DTC confirmation procedure. Refer to SRC-338, "DTC Logic".

Is DTC detected?

YES >> GO TO 4.
NO >> INSPECTION END

4. REPLACE DOOR-MOUNTED CURTAIN AIR BAG MODULE

1. Replace door-mounted curtain air bag module LH. Refer to SR-24, "Exploded View"
2. Perform DTC confirmation procedure. Refer to SRC-338, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.
NO >> INSPECTION END

ECU DIAGNOSIS INFORMATION

DIAGNOSIS SENSOR UNIT

DTC Index

INFOID:0000000005464356

DTC	Diagnostic item	Warning lamp blinking times in diagnosis mode*1	Explanation		Reference page
—	NO DTC IS DETECTED.	0	When malfunction is indicated by the “AIR BAG” warning lamp in the user mode	Low battery voltage (Less than 9 V)	SRC-186, "CONSULT-III Function".
				Self-diagnostic result is not erased after repair	SRC-181, "Diagnosis with Air Bag Warning Lamp", SRC-186, "CONSULT-III Function".
				Intermittent malfunction is detected in the past	GI-39, "Intermittent Incident"
			No malfunction is detected		—
B1001-B1015	CONTROL UNIT	7	Air bag diagnosis sensor unit is malfunctioning		• SRC-187, "DTC Logic". • SRC-189, "DTC Logic". • SRC-191, "DTC Logic".
B1017 B1020 B1021	OCCUPANT SENS C/U [UNIT FAIL]	5	Malfunction occurs in Occupant Classification System control unit		SRC-193, "DTC Logic".
B1018	OCCUPANT SENS [UNIT FAIL]	5	Malfunction occurs in Occupant Classification System sensor		SRC-195, "DTC Logic".
B1022	OCCUPANT SENS C/U [COMM FAIL]	5	Malfunction occurs in Occupant Classification System control unit, circuit of Occupant Classification System control unit air bag diagnosis sensor unit, or air bag diagnosis sensor unit		SRC-197, "DTC Logic".
B1023	PASS A/B INDCTR CKT	11	Passenger air bag OFF indicator circuit is open or shorted to ground or the circuits are shorted each other		SRC-199, "DTC Logic".
B1025 B1032 B1048	OCS SENSOR	5	Malfunction occurs in Occupant Classification System control unit, circuit of Occupant Classification System control unit air bag diagnosis sensor unit, or air bag diagnosis sensor unit		SRC-201, "DTC Logic".
B1026-B1031	CONTROL UNIT	7	Air bag diagnosis sensor unit is malfunctioning or out of the specified specification		SRC-203, "DTC Logic".
B1033 B1034	CRASH ZONE SEN [UNIT FAIL]	6	Crash zone sensor is malfunctioning		SRC-205, "DTC Logic".
B1035	CRASH ZONE SEN [COMM FAIL]	6	Crash zone sensor is malfunctioning		SRC-207, "DTC Logic".
B1036	CRASH ZONE SEN [UNMATCH]	6	Crash zone sensor is out of the specified specification		SRC-209, "DTC Logic".
B1037 B1039 B1041	CRASH ZONE SEN1	6	Crash zone sensor is malfunctioning		SRC-211, "DTC Logic".

DTC	Diagnostic item	Warning lamp blinking times in diagnosis mode*1	Explanation	Reference page
B1042-B1047	CONTROL UNIT	7	Air bag diagnosis sensor unit is malfunctioning	SRC-213, "DTC Logic".
B1049 B1054	DRIVER AIRBAG MODULE [OPEN]	2	Driver air bag module circuit is open (including the spiral cable)	SRC-215, "DTC Logic".
B1050 B1055	DRIVER AIRBAG MODULE [VB-SHORT]	2	Driver air bag module circuit is shorted to power supply circuit (including the spiral cable)	SRC-217, "DTC Logic".
B1051 B1056	DRIVER AIRBAG MODULE [GND-SHORT]	2	Driver air bag module circuit is shorted to ground (including the spiral cable)	SRC-219, "DTC Logic".
B1052 B1057	DRIVER AIRBAG MODULE [SHORT]	2	Driver air bag module circuits are shorted to each other (including spiral cable)	SRC-221, "DTC Logic".
B1058-B1063	CONTROL UNIT	7	Air bag diagnosis sensor unit is malfunctioning	SRC-223, "DTC Logic".
B1065 B1070	ASSIST A/B MODULE [OPEN]	8	Passenger air bag module circuit is open	SRC-225, "DTC Logic".
B1066 B1071	ASSIST A/B MODULE [VB-SHORT]	8	Passenger air bag module circuit is shorted to power supply circuit	SRC-227, "DTC Logic".
B1067 B1072	ASSIST A/B MODULE [GND-SHORT]	8	Passenger air bag module circuit is shorted to ground	SRC-229, "DTC Logic".
B1068 B1073	ASSIST A/B MODULE [SHORT]	8	Passenger air bag module circuits are shorted to each other	SRC-231, "DTC Logic".
B1074-B1079	CONTROL UNIT	7	Air bag diagnosis sensor unit is malfunctioning	SRC-233, "DTC Logic".
B1080 B1096	DRIVER AIRBAG MODULE [SHORT]	2	Driver air bag module circuits are shorted to each other (including spiral cable)	SRC-235, "DTC Logic".
B1081	PRE-TEN FRONT RH [OPEN]	3	Seat belt pre-tensioner RH circuit is open	SRC-237, "DTC Logic".
B1082	PRE-TEN FRONT RH [VB-SHORT]	3	Seat belt pre-tensioner RH circuit is shorted to power supply circuit	SRC-239, "DTC Logic".
B1083	PRE-TEN FRONT RH [GND-SHORT]	3	Seat belt pre-tensioner RH circuit is shorted to ground	SRC-241, "DTC Logic".
B1084	PRE-TEN FRONT RH [SHORT]	3	Seat belt pre-tensioner RH circuits are shorted to each other	SRC-243, "DTC Logic".
B1086	PRE-TEN FRONT LH [OPEN]	1	Seat belt pre-tensioner LH circuit is open	SRC-245, "DTC Logic".
B1087	PRE-TEN FRONT LH [VB-SHORT]	1	Seat belt pre-tensioner LH circuit is shorted to power supply circuit	SRC-247, "DTC Logic".
B1088	PRE-TEN FRONT LH [GND-SHORT]	1	Seat belt pre-tensioner LH circuit is shorted to ground	SRC-249, "DTC Logic".
B1089	PRE-TEN FRONT LH [SHORT]	1	Seat belt pre-tensioner LH circuits are shorted to each other	SRC-251, "DTC Logic".
B1090-B1095	CONTROL UNIT	7	Air bag diagnosis sensor unit is malfunctioning	SRC-253, "DTC Logic".
B1106-B1111	CONTROL UNIT	7	Air bag diagnosis sensor unit is malfunctioning	SRC-255, "DTC Logic".
B1113 B1114	SATELLITE SENS RH [UNIT FAIL]	3*2	Satellite sensor RH is malfunctioning	SRC-257, "DTC Logic".

DTC	Diagnostic item	Warning lamp blinking times in diagnosis mode*1	Explanation	Reference page
B1115	SATELLITE SENS RH [COMM FAIL]	3*2	Satellite sensor RH is malfunctioning	SRC-259, "DTC Logic".
B1116	SATELLITE SENS RH [UNMATCH]	3*2	Satellite sensor RH is out of the specified specification	SRC-261, "DTC Logic".
B1118 B1119	SATELLITE SENS LH [UNIT FAIL]	4*2	Satellite sensor LH is malfunctioning	SRC-263, "DTC Logic".
B1120	SATELLITE SENS LH [COMM FAIL]	4*2	Satellite sensor RH is malfunctioning	SRC-265, "DTC Logic".
B1121	SATELLITE SENS LH [UNMATCH]	4*2	Satellite sensor RH is out of the specified specification	SRC-267, "DTC Logic".
B1122-B1127	CONTROL UNIT	7	Air bag diagnosis sensor unit is malfunctioning	SRC-269, "DTC Logic".
B1129	SIDE MODULE RH [OPEN]	1*2	Side air bag module RH circuit is open	SRC-271, "DTC Logic".
B1130	SIDE MODULE RH [VB-SHORT]	1*2	Side air bag module RH circuit is shorted to power supply circuit	SRC-273, "DTC Logic".
B1131	SIDE MODULE RH [GND-SHORT]	1*2	Side air bag module RH circuit is shorted to ground	SRC-275, "DTC Logic".
B1132	SIDE MODULE RH [SHORT]	1*2	Side air bag module RH circuits are shorted to each other	SRC-277, "DTC Logic".
B1134	SIDE MODULE LH [OPEN]	2*2	Side air bag module LH circuit is open	SRC-279, "DTC Logic".
B1135	SIDE MODULE LH [VB-SHORT]	2*2	Side air bag module LH circuit is shorted to power supply circuit	SRC-281, "DTC Logic".
B1136	SIDE MODULE LH [GND-SHORT]	2*2	Side air bag module LH circuit is shorted to ground	SRC-283, "DTC Logic".
B1137	SIDE MODULE LH [SHORT]	2*2	Side air bag module LH circuits are shorted to each other	SRC-285, "DTC Logic".
B1138-B1143	CONTROL UNIT	7	Air bag diagnosis sensor unit is malfunctioning	SRC-287, "DTC Logic"
B1144	CONTROL UNIT	17	Air bag diagnosis sensor unit is malfunctioning or out of the specified specification	SRC-289, "DTC Logic".
B1145	CURTAIN MODULE RH [OPEN]	5*2	Curtain air bag module RH circuit is open	SRC-290, "DTC Logic".
B1146	CURTAIN MODULE RH [VB-SHORT]	5*2	Curtain air bag module RH circuit is shorted to power supply circuit	SRC-292, "DTC Logic".
B1147	CURTAIN MODULE RH [GND-SHORT]	5*2	Curtain air bag module RH circuit is shorted to ground	SRC-294, "DTC Logic".
B1148	CURTAIN MODULE RH [SHORT]	5*2	Curtain air bag module RH circuits are shorted to each other	SRC-296, "DTC Logic".
B1150	CURTAIN MODULE LH [OPEN]	6*2	Curtain air bag module LH circuit is open	SRC-298, "DTC Logic".
B1151	CURTAIN MODULE LH [VB-SHORT]	6*2	Curtain air bag module LH circuit is shorted to power supply circuits	SRC-300, "DTC Logic".
B1152	CURTAIN MODULE LH [GND-SHORT]	6*2	Curtain air bag module LH circuit is shorted to ground	SRC-302, "DTC Logic".
B1153	CURTAIN MODULE LH [SHORT]	6*2	Curtain air bag module LH circuits are shorted to each other	SRC-304, "DTC Logic".
B1154-B1159	CONTROL UNIT	7	Air bag diagnosis sensor unit is malfunctioning	SRC-306, "DTC Logic".

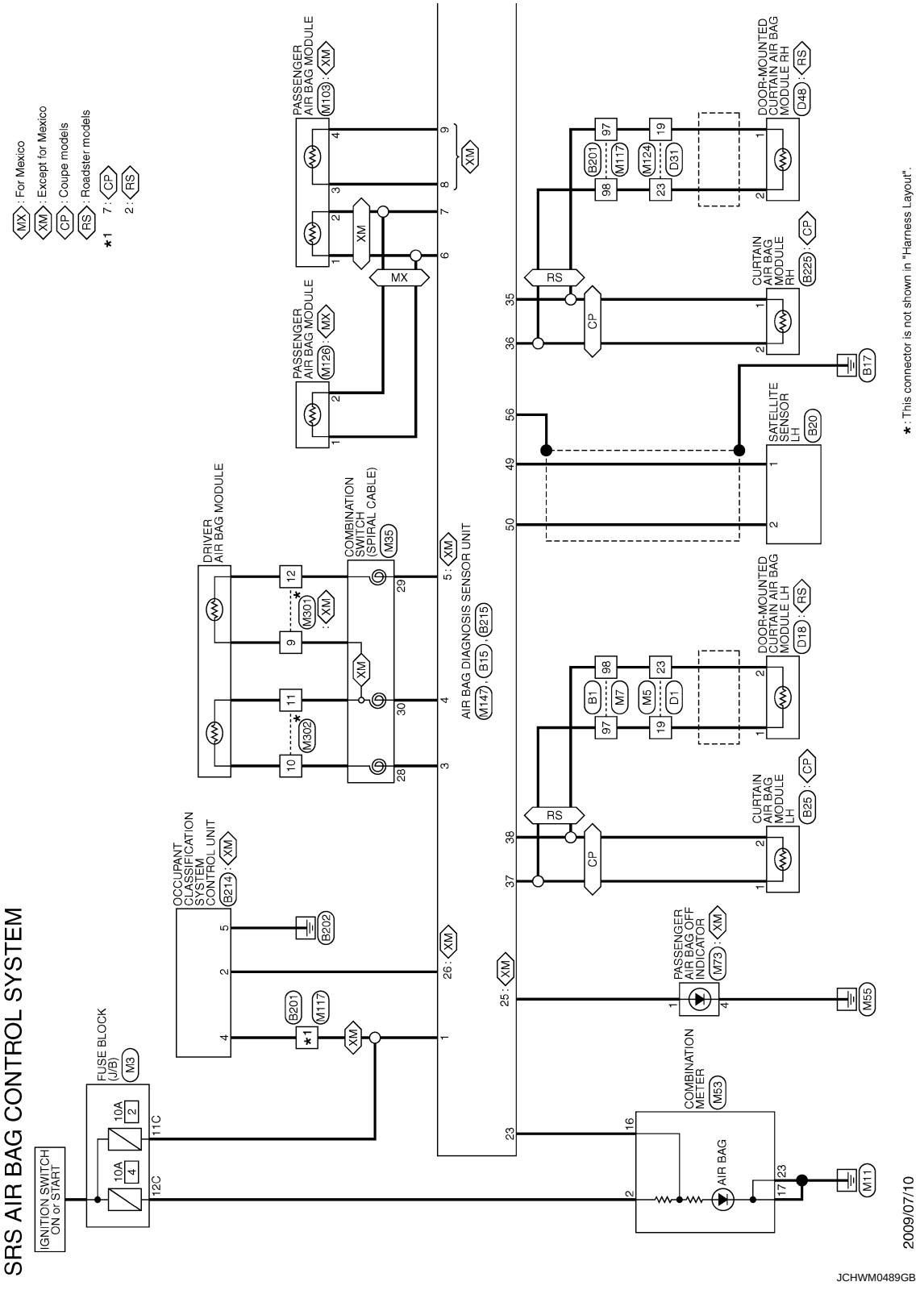
DTC	Diagnostic item	Warning lamp blinking times in diagnosis mode*1	Explanation	Reference page
B1170-B1175	CONTROL UNIT	7	Air bag diagnosis sensor unit is malfunctioning	SRC-308, "DTC Logic".
B1186-B1191	CONTROL UNIT	7	Air bag diagnosis sensor unit is malfunctioning	SRC-310, "DTC Logic".
B1202-B1207	CONTROL UNIT	7	Air bag diagnosis sensor unit is malfunctioning	SRC-312, "DTC Logic".
B1209	FRONTAL COLLISION DETECTION	—	Seat belt pre-tensioner, driver side air bag and passenger air bag are deployed	SRC-314, "DTC Logic".
B1210	SIDE COLLISION DETECTION	—	Side air bag and door-mounted curtain air bag is deployed	SRC-315, "DTC Logic".
B1211	ROLLOVER DETECTION	—	Seat belt pre-tensioner side door-mounted curtain air bag module are deployed because of rollover detection	SRC-316, "DTC Logic".
B1212-B1214	RH1 SAT-SENS	3*2	Satellite sensor RH is malfunctioning	SRC-317, "DTC Logic".
B1215-B1217	LH1 SAT-SENS	4*2	Satellite sensor LH is malfunctioning	SRC-319, "DTC Logic".
B1218-B1223	CONTROL UNIT	7	Air bag diagnosis sensor unit is malfunctioning	SRC-321, "DTC Logic".
B1239	CONTROL UNIT	7	Air bag diagnosis sensor unit is malfunctioning	SRC-323, "DTC Logic"
B1257	FR-RH DOOR MNT MODULE [OPEN]	14*2	Door-mounted curtain air bag RH circuit is open	SRC-324, "DTC Logic"
B1258	FR-RH DOOR MNT MODULE [VB-SHORT]	14*2	Door-mounted curtain air bag RH circuit is shorted to power supply circuit	SRC-326, "DTC Logic"
B1259	FR-RH DOOR MNT MODULE [GND-SHORT]	14*2	Door-mounted curtain air bag RH circuit is shorted to ground	SRC-328, "DTC Logic"
B1260	FR-RH DOOR MNT MODULE [SHORT]	14*2	Door-mounted curtain air bag RH circuit are shorted to each other	SRC-330, "DTC Logic"
B1262	FR-LH DOOR MNT MODULE [OPEN]	15*2	Door-mounted curtain air bag LH circuit is open	SRC-332, "DTC Logic"
B1263	FR-LH DOOR MNT MODULE [VB-SHORT]	15*2	Door-mounted curtain air bag LH circuit is shorted to power supply circuit	SRC-334, "DTC Logic"
B1264	FR-LH DOOR MNT MODULE [GND-SHORT]	15*2	Door-mounted curtain air bag LH circuit is shorted to ground	SRC-336, "DTC Logic"
B1265	FR-LH DOOR MNT MODULE [SHORT]	15*2	Door-mounted curtain air bag LH circuit are shorted to each other	SRC-338, "DTC Logic"

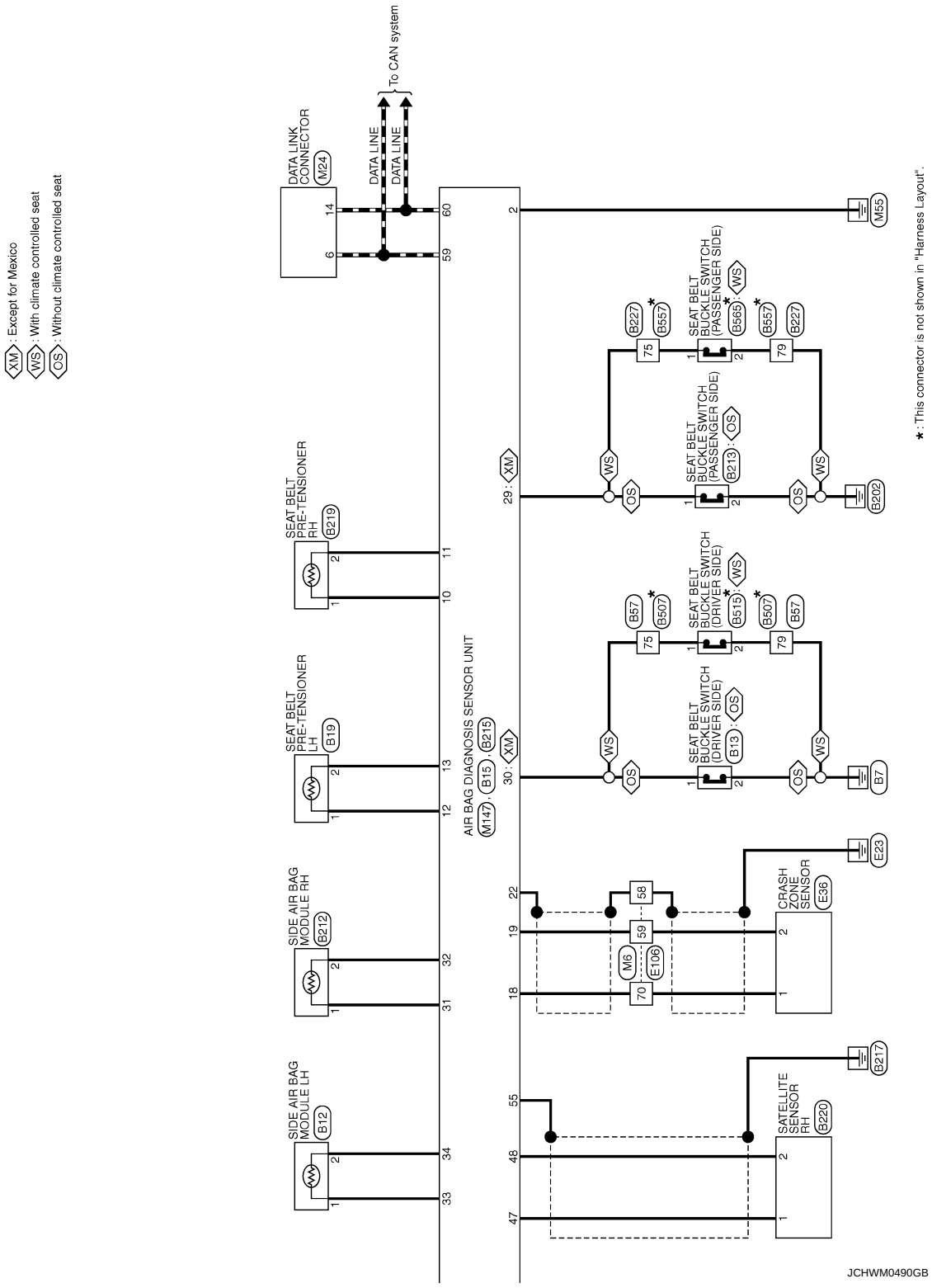
*1: For blinking pattern of warning lamp, refer to SRC-181, "Diagnosis with Air Bag Warning Lamp".

*2: Side air bag system malfunction.

Wiring Diagram - SRS AIR BAG CONTROL SYSTEM -

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XM : Except for Mexico
WS : With climate controlled seat
OS : Without climate controlled seat
To CAN system
DATA LINK CONNECTOR M24
DATA LINE
DATA LINE
SEAT BELT PRE-TENSIONER RH B219
SEAT BELT PRE-TENSIONER LH B19
SIDE AIR BAG MODULE RH B212
SIDE AIR BAG MODULE LH B12
AIR BAG DIAGNOSIS SENSOR UNIT
M147 : B15 : B215
SEAT BELT BUCKLE SWITCH (PASSENGER SIDE) B565 : WS
SEAT BELT BUCKLE SWITCH (PASSENGER SIDE) B213 : OS
SEAT BELT BUCKLE SWITCH (DRIVER SIDE) B515 : WS
SEAT BELT BUCKLE SWITCH (DRIVER SIDE) B13 : OS
CRASH ZONE SENSOR E36
SATELLITE SENSOR RH B220
M55
B202
B7
E23
B217
M6
E106
B227
B557
B57
B507
: This connector is not shown in "Harness Layout".
JCHWM0490GB

SRS AIR BAG CONTROL SYSTEM

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4

Terminal No.	Color of Wire	Signal Name [Specification]
1	G	–
2	BG	– [Coupe models]
2	O	– [Roadster models]
3	Y	–
4	W	–
6	V	–
7	LG	–
8	GR	–
9	SB	–
11	Y	–
12	W	–
13	BR	–
14	LG	–
15	B	–
16	V	–
20	SB	–
21	G	–
22	GR	–
23	V	–
24	O	–
25	L	–
26	P	–
31	W	–
32	B	–
33	P	– [Coupe models]
33	W	– [Roadster models]
34	R	–
35	B	–
40	Y	–
41	L	–
42	GR	–
43	BR	–
44	R	–
45	BG	– [Coupe models]
45	O	– [Roadster models]
46	SB	–
47	V	–
48	SHIELD	–
51	W	–
52	R	–
57	SHIELD	–
58	B	–
60	V	–
61	SB	–
62	SHIELD	–
63	BR	–
64	Y	–
65	SHIELD	–
66	P	–
67	L	–
68	SHIELD	–
69	R	–
70	G	–
71	V	–
72	P	–
73	BR	–
74	GR	–
75	O	–
80	Y	–
81	R	–
82	B	–
83	GR	–
84	G	– [Coupe models]
84	L	– [Roadster models]
85	LG	–
86	V	–
87	BR	–
88	GR	–
93	Y	–
94	L	– [Coupe models]
94	G	– [Roadster models]
95	GR	– [Coupe models]
95	LG	– [Roadster models]
96	L	–
97	Y	–
98	W	– [Coupe models]
98	Y/B	– [Roadster models]
99	LG	–
100	B	–

Connector No.	B12
Connector Name	SIDE AIR BAG MODULE LH
Connector Type	TK02FY-EX-1V

Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	–
2	Y	–

Connector No.	B13
Connector Name	SEAT BELT BUCKLE SWITCH (DRIVER SIDE)
Connector Type	A03FW

Terminal No.	Color of Wire	Signal Name [Specification]
1	G	– [Coupe models]
1	L	– [Roadster models]
2	B	–

Connector No.	B15
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH22FY-2V-EX

Terminal No.	Color of Wire	Signal Name [Specification]
12	Y	PLH (+)
13	Y	PLH (–)
30	SB	LH BUCKLE SW INPUT
33	Y	SLH (+)
34	Y	SLH (–)
37	Y	CLH (+)
38	Y/B	CLH (–)
49	P	SATELLITE LH (+) [Coupe models]
49	B	SATELLITE LH (+) [Roadster models]
50	L	SATELLITE LH (–) [Coupe models]
50	W	SATELLITE LH (–) [Roadster models]
56	SHIELD	GND

Connector No.	B19
Connector Name	SEAT BELT PRE-TENSIONER LH
Connector Type	AGA02FY-2V

Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	–
2	Y	–

Connector No.	B20
Connector Name	SATELLITE SENSOR LH
Connector Type	HK02FY-1V-EX-LC

Terminal No.	Color of Wire	Signal Name [Specification]
1	P	– [Coupe models]
1	B	– [Roadster models]
2	L	– [Coupe models]
2	W	– [Roadster models]

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SRS AIR BAG CONTROL SYSTEM

Connector No.	B25
Connector Name	CURTAIN AIR BAG MODULE LH
Connector Type	ACA02FY-2V

Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	–
2	Y/B	–

Connector No.	B57
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
75	L	–
76	B	–
78	LG	–
79	B	–
90	B	–
91	P	–
92	V	–
93	G	–
94	O	–
95	GR	–
100	BR	–

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4

Terminal No.	Color of Wire	Signal Name [Specification]
2	BR	– [Coupe models]
2	R	– [Roadster models]
3	Y	– [Coupe models]
3	B	– [Roadster models]
4	G	–
7	R	– [Coupe models]
7	Y	– [Roadster models]
8	LG	–
9	Y	–
11	R	–
20	G	–
21	R	–
30	B	–
40	W	–
41	V	–
42	G	–
43	L	–
44	SB	–
51	P	–
52	L	–
53	SHIELD	–
54	BR	–
55	Y	–
56	SHIELD	–
57	G	– [Coupe models]
57	P	– [Roadster models]
58	R	– [Coupe models]
58	L	– [Roadster models]
59	B	–
60	W	–
61	GR	–
62	B	–
63	Y	–
64	V	–
65	SB	–
66	BG	– [Coupe models]
66	O	– [Roadster models]
67	V	–
68	P	– [Coupe models]
68	GR	– [Roadster models]
69	L	– [Coupe models]
69	P	– [Roadster models]
70	G	– [Coupe models]
70	O	– [Roadster models]
80	V	–
81	SB	–
82	G	–
83	R	–
84	W	–
85	B	–
86	SHIELD	–
87	O	–
88	BR	–
89	Y	–
90	SHIELD	–
92	SB	– [Coupe models]
92	LG	– [Roadster models]
93	V	– [Coupe models]
93	W	– [Roadster models]
94	SHIELD	– [Coupe models]
94	G	– [Roadster models]
95	GR	– [Coupe models]
95	LG	– [Roadster models]
97	LG	– [Coupe models]
97	Y	– [Roadster models]
98	W	– [Coupe models]
98	Y/B	– [Roadster models]
99	G	–
100	BR	– [Coupe models]
100	Y	– [Roadster models]

Connector No.	B212
Connector Name	SIDE AIR BAG MODULE RH
Connector Type	TK02FY-EX-1V

Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	–
2	Y	–

Connector No.	B213
Connector Name	SEAT BELT BUCKLE SWITCH (PASSENGER SIDE)
Connector Type	A03FW

Terminal No.	Color of Wire	Signal Name [Specification]
1	G	– [Coupe models]
1	LG	– [Roadster models]
2	B	–

Connector No.	B214
Connector Name	OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT
Connector Type	TH08FW-NH

Terminal No.	Color of Wire	Signal Name [Specification]
2	V	COMMUNICATION
4	R	IGN
5	B	GND

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SRS AIR BAG CONTROL SYSTEM

Connector No.	B215
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH32FY-1V-EX

H.S.



Terminal No.	Color of Wire	Signal Name [Specification]
10	Y	PRH (+)
11	Y	PRH (-)
26	V	ODS INPUT
29	LG	RH BUCKLE SW INPUT
31	Y	SRH (+)
32	Y	SRH (-)
35	Y	CRH (+)
36	Y/B	CRH (-)
47	G	SATELLITE RH (+) [Coupe models]
47	B	SATELLITE RH (+) [Roadster models]
48	R	SATELLITE RH (-) [Coupe models]
48	W	SATELLITE RH (-) [Roadster models]
55	SHIELD	GND

Connector No.	B219
Connector Name	SEAT BELT PRE-TENSIONER RH
Connector Type	ACA02FY-2V

H.S.



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	Y	-

Connector No.	B220
Connector Name	SATELLITE SENSOR RH
Connector Type	HK02FY-1V-EX-LC

H.S.



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	- [Coupe models]
1	B	- [Roadster models]
2	R	- [Coupe models]
2	W	- [Roadster models]

Connector No.	B225
Connector Name	CURTAIN AIR BAG MODULE RH
Connector Type	ACA02FY-2V

H.S.



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	Y/B	-

Connector No.	B227
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS

H.S.



Terminal No.	Color of Wire	Signal Name [Specification]

75	LG	-
76	B	-
78	G	-
79	B	-
90	B	-
91	L	-
92	G	-
93	Y	-
94	SB	-
95	V	-
100	W	-

Connector No.	B507
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS

H.S.



Terminal No.	Color of Wire	Signal Name [Specification]
75	L/W	-
76	B	-
78	R	-
79	O	-
90	L	-
91	Y	-
92	W	-
93	R/W	-
94	W/R	-
95	R/L	-
100	GR	-

Connector No.	B515
Connector Name	SEAT BELT BUCKLE SWITCH (DRIVER SIDE)
Connector Type	TK03FW

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	-
2	O	-

Connector No.	B557
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS

H.S.



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	-
2	O	-

Connector No.	B565
Connector Name	SEAT BELT BUCKLE SWITCH (PASSENGER SIDE)
Connector Type	TK03FW

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	-
2	O	-

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SRS AIR BAG CONTROL SYSTEM

Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-CS15

H.S.

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
46	45	44	43	42	41	40	39	38	37	36				
55	54	53	52	51	50	49	48	47	46	45				

Terminal No.	Color of Wire	Signal Name [Specification]
7	Y	–
8	Y	–
9	G	–
10	BG	– [Coupe models]
10	O	– [Roadster models]
11	P	– [With BOSE system]
11	V	– [Without BOSE system]
12	L	–
13	B	–
14	SB	– [Coupe models]
14	Y	– [Roadster models]
15	W	–
19	G	–
23	R	–
44	L	–
47	B	–
48	SB	–
49	W	–
50	LG	–
51	R	–
52	V	–
53	BG	– [Coupe models]
53	O	– [Roadster models]
54	GR	–
55	G	–

Connector No.	D18
Connector Name	DOOR-MOUNTED CURTAIN AIR BAG MODULE LH
Connector Type	ACA02FY-2V

H.S.

2	1
1	1

Terminal No.	Color of Wire	Signal Name [Specification]
1	G	–
2	R	–

Connector No.	D31
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-CS15

H.S.

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
46	45	44	43	42	41	40	39	38	37	36				
55	54	53	52	51	50	49	48	47	46	45				

Terminal No.	Color of Wire	Signal Name [Specification]
10	V	–
11	LG	–
12	P	– [With BOSE system]
12	LG	– [Without BOSE system]
13	V	– [Coupe models without BOSE system]
13	L	– [Except for coupe models without BOSE system]
14	B	–
15	W	–
19	P	–
23	L	–
44	L	–
50	Y	–
51	Y	–
52	G	–
53	BG	– [Coupe models]
53	O	– [Roadster models]
54	GR	–
55	L	–

Connector No.	D48
Connector Name	DOOR-MOUNTED CURTAIN AIR BAG MODULE RH
Connector Type	ACA02FY-2V

H.S.

2	1
1	1

Terminal No.	Color of Wire	Signal Name [Specification]
1	P	–
2	L	–

Connector No.	E36
Connector Name	CRASH ZONE SENSOR
Connector Type	HK02FY-1V-EX-LC

H.S.

2	1

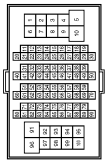
Terminal No.	Color of Wire	Signal Name [Specification]
1	P	–
2	L	–

JCHWM0494GB

SRS AIR BAG CONTROL SYSTEM

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4

H.S.

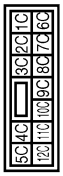


Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	–
3	L	–
4	L	–
7	B	–
8	P	–
9	L	– [Coupe models]
9	B	– [Roadster models]
11	V	–
12	R	–
13	L	–
14	GR	–
15	P	–
16	W	–
17	SB	–
20	LG	–
21	BR	– [Coupe models]
21	G	– [Roadster models]
31	L	–
32	Y	–
33	P	–
34	L	–
35	BR	–
36	V	–
37	Y	–
38	R	–
39	B	–
40	W	–
41	LG	–
42	SB	–
43	G	–
44	R	– [Roadster models with M/T]
44	GR	– [Except for roadster models with M/T]
45	BG	– [Coupe models]
45	O	– [Roadster models]
46	W	–
47	P	–
58	SHIELD	–
59	L	–

70	P	–
80	W	–
81	P	–
82	G	–
83	V	–
84	L	–
85	BG	– [Coupe models]
85	O	– [Roadster models]
86	LG	–
87	R	–
89	P	–
91	W	–
92	L	–
93	G	–
94	Y	–
96	Y	–
97	BR	–
98	GR	–
99	LG	–
100	BG	– [Coupe models]
100	O	– [Roadster models]

Connector No.	M3
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS12FW-CS

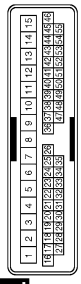
H.S.



Terminal No.	Color of Wire	Signal Name [Specification]
6C	R	–
7C	B	–
9C	R	– [Coupe models]
9C	O	– [Roadster models]
10C	L	–
11C	LG	–
12C	O	–

Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CS15

H.S.



Terminal No.	Color of Wire	Signal Name [Specification]
7	Y	–
8	Y	–
9	G	–
10	V	–
11	V	–
12	L	–
13	B	–
14	Y	–
15	W	–
19	Y	–
23	Y/B	–
44	L	–
47	B	–
48	SB	–
49	SB	– [Roadster models with M/T]
49	Y	– [Except for roadster models with M/T]
50	W	–
51	R	–
52	L	–
53	W	–
54	G	–
55	R	–

JCHWM0495GB

SRS AIR BAG CONTROL SYSTEM

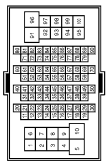
Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	–
3	L	–
4	L	–
7	B	–
8	P	–
9	L	– [Coupe models]
9	B	– [Roadster models]
11	GR	–
12	R	–
13	L	–
14	G	–
15	P	–
16	W	–
17	BR	–
20	GR	–
21	BR	– [Coupe models]
21	R	– [Roadster models]
31	L	– [Roadster models with M/T]
31	BR	– [Except for roadster models with M/T]
32	Y	– [Roadster models with M/T]
32	V	– [Except for roadster models with M/T]
33	P	–
34	L	–
35	BR	–
36	SB	–
37	Y	–
38	LG	–
39	SB	–
40	W	–
41	LG	–
42	R	–
43	G	–
44	G	– [With A/T]
44	R	– [With M/T]
45	O	–
46	G	–
47	BR	–
58	SHIELD	–
59	L	–
70	R	–
80	LG	–
81	GR	–
82	V	–
83	V	–
84	L	–
85	BR	–
86	Y	–
87	V	– [Roadster models with M/T]
87	G	– [Except for roadster models with M/T]
89	P	–
91	W	–
92	P	–
93	P	–
94	Y	–
96	P	–
97	GR	–
98	O	–
99	W	–
100	R	–

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4

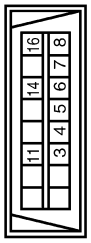
H.S.



Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	–
2	O	–
3	LG	–
4	O	–
6	V	–
7	LG	–
8	SB	–
9	GR	–
11	Y	–
12	V	–
13	BR	–
14	V	–
15	B	–
16	V	–
20	SB	–
21	G	–
22	GR	–
23	V	–
24	R	–
25	L	–
26	P	–
31	W	–
32	B	–
33	W	–
34	R	–
35	B	–
40	L	–
41	R	–
42	GR	–
43	R	– [Coupe models]
43	V	– [Roadster models]
44	R	–
45	O	–
46	SB	– [With A/T]
46	SB	– [With M/T]
47	R	– [With A/T]
47	V	– [With M/T]
48	SHIELD	–
51	V	–
52	R	–
57	SHIELD	–
58	B	–
60	L	– [Coupe models]
60	V	– [Roadster models]
61	R	– [Coupe models]
61	SB	– [Roadster models]
62	SHIELD	–
63	R	– [Coupe models]
63	BR	– [Roadster models]
64	G	– [Coupe models]
64	Y	– [Roadster models]
65	SHIELD	–
66	LG	– [Coupe models]
66	P	– [Roadster models]
67	V	– [Coupe models]
67	L	– [Roadster models]
68	SHIELD	–
69	L	– [Coupe models]
69	R	– [Roadster models]
70	P	– [Coupe models]
70	G	– [Roadster models]
71	V	–
72	P	–
73	BR	–
74	GR	–
75	O	–
80	Y	–
81	W	–
82	BR	–
83	GR	–
84	L	–
85	LG	–
86	V	–
87	BR	–
88	SB	–
93	Y	–
94	SB	– [Coupe models]
94	L	– [Roadster models]
95	GR	– [Coupe models]
95	W	– [Roadster models]
96	L	–
97	LG	– [Coupe models]
97	Y	– [Roadster models]
98	BG	– [Coupe models]
98	Y/B	– [Roadster models]
99	W	–
100	B	–

Connector No.	M24
Connector Name	DATA LINK CONNECTOR
Connector Type	BD16FW

H.S.



Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	–
4	B	–
5	B	–
6	L	–
7	Y	– [Coupe models]
7	V	– [Roadster models]
8	G	–
11	LG	–
14	P	–
16	Y	–

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SRS AIR BAG CONTROL SYSTEM

Connector No.	M35
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK06FY-EX-1V

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
23	W	– [Coupe models]
23	R	– [Roadster models]
28	Y	–
29	Y	–
30	Y	–

Connector No.	M53
Connector Name	COMBINATION METER
Connector Type	TH24FW-NH

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
1	V	BATTERY POWER SUPPLY
2	O	IGNITION POWER SUPPLY
3	L	VEHICLE SPEED SIGNAL (2-PULSE)
4	Y	VEHICLE SPEED SIGNAL (8-PULSE)
5	B	ILLUMINATION CONTROL SIGNAL
6	R	ROOF STATUS SIGNAL
9	BR	COMMUNICATION SIGNAL (METER->TRIPLE METER)
10	L	COMMUNICATION SIGNAL (TRIPLE METER->METER)
12	G	S-MODE SWITCH SIGNAL
15	L	ACC POWER SUPPLY
16	R	AIR BAG SIGNAL
17	B	GROUND
18	V	AMBIENT SENSOR SIGNAL
19	G	A/C AUTO AMP. CONNECTION RECOGNITION SIGNAL
20	GR	AMBIENT SENSOR GROUND
21	L	CAN-H
22	P	CAN-L

23	B	GROUND
24	Y	FUEL LEVEL SENSOR GROUND

Connector No.	M73
Connector Name	PASSENGER AIR BAG OFF INDICATOR
Connector Type	JAB03FB

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
1	R	–
4	B	–

Connector No.	M103
Connector Name	PASSENGER AIR BAG MODULE
Connector Type	RK04FY-BD

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	–
2	Y	–
3	Y	–
4	Y	–

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4

H.S.

Terminal No.	Color of Wire	Signal Name [Specification]
2	GR	– [Coupe models]
2	LG	– [Roadster models]
3	O	– [Coupe models]
3	B	– [Roadster models]
4	W	– [Coupe models]
4	G	– [Roadster models]
7	LG	– [Coupe models]
7	Y	– [Roadster models]
8	LG	–
9	Y	–
11	R	–
20	G	–
21	R	–
30	B	–
40	O	–
41	Y	–
42	G	–
43	L	–
44	SB	–
51	R	–
52	G	–
53	SHIELD	–
54	LG	– [Coupe models]
54	BR	– [Roadster models]
55	V	– [Coupe models]
55	Y	– [Roadster models]
56	SHIELD	–
57	G	– [Coupe models]
57	P	– [Roadster models]
58	R	– [Coupe models]
58	L	– [Roadster models]
59	B	–
60	W	–
61	GR	–
62	B	–
63	Y	–
64	L	–
65	G	–
66	O	– [Coupe models]
66	G	– [Roadster models]
67	V	–
68	P	– [Coupe models]
68	GR	– [Roadster models]
69	L	– [Coupe models]
69	P	– [Roadster models]
70	L	– [Coupe models]
70	O	– [Roadster models]
80	W	– [Coupe models]
80	L	– [Roadster models]
81	Y	–
82	W	–
83	B	–
84	R	–
85	G	–
86	SHIELD	–
87	G	–
88	L	–
89	P	–
90	SHIELD	–
92	G	– [Coupe models]
92	LG	– [Roadster models]
93	R	– [Coupe models]
93	V	– [Roadster models]
94	SHIELD	– [Coupe models]
94	G	– [Roadster models]
95	SB	– [Coupe models]
95	LG	– [Roadster models]
97	LG	– [Coupe models]
97	Y	– [Roadster models]
98	V	– [Coupe models]
98	Y/B	– [Roadster models]
99	G	–
100	BR	– [Coupe models]
100	Y	– [Roadster models]

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SRS AIR BAG CONTROL SYSTEM

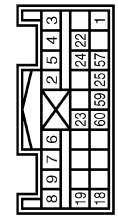
Connector No.	M124
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CS15

Terminal No.	Color of Wire	Signal Name [Specification]
10	G	– [Coupe models]
10	V	– [Roadster models]
11	V	– [Coupe models]
11	LG	– [Roadster models]
12	LG	–
13	V	–
14	B	–
15	W	–
19	Y	–
23	Y/B	–
44	R	– [Coupe models]
44	O	– [Roadster models]
50	Y	–
51	Y	–
52	G	– [Roadster models with M/T]
52	GR	– [Except for roadster models with M/T]
53	W	–
54	G	–
55	R	–

Connector No.	M126
Connector Name	PASSENGER AIR BAG MODULE
Connector Type	TK02FY-EX-1V

Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	–
2	Y	–

Connector No.	M147
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH28FY-EX



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	IGN
2	B	GND
3	Y	DR 1 (+)
4	Y	DR 1 (–) DR 2 (–)
5	Y	DR 2 (+)
6	Y	AS 1 (+)
7	Y	AS 1 (–)
8	Y	AS 2 (+)
9	Y	AS 2 (–)
18	R	EG2S (+)
19	L	EG2S (–)
22	SHIELD	GND
23	R	AIRBAG W/L
24	P	SEAT BELT
25	R	CUTOFF TELLTALE
57	O	DEPLOYMENT INFORMATION OUTPUT
59	L	CAN-H
60	P	CAN-L

Connector No.	M301
Connector Name	DRIVER AIR BAG MODULE
Connector Type	ACA02FOR



Terminal No.	Color of Wire	Signal Name [Specification]
9	–	–
12	–	–

Connector No.	M302
Connector Name	DRIVER AIR BAG MODULE
Connector Type	ACA02FY-2V



Terminal No.	Color of Wire	Signal Name [Specification]
10	–	–
11	–	–

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SYMPTOM DIAGNOSIS

SRS AIR BAG WARNING LAMP DOES NOT TURN OFF

Diagnosis Procedure

INFOID:0000000005456227

1.CHECK AIR BAG MODULE AND SEAT BELT PRE-TENSIONER

Check the deployment of air bag module and seat belt pre-tensioner.

Is air bag module deployed?

YES >> Replace the malfunctioning parts.
NO >> GO TO 2.

2.CHECK AIR BAG FUSE

Check 10A fuse [No.2, located in fuse block (J/B)].

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace the fuse.

3.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace harness connectors.

4.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 5.
NO >> Replace wiring harness.

5.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
2. Check air bag warning lamp operation.

Is the inspection result normal?

YES >> INSPECTION END
NO >> GO TO 6.

6.REPLACE COMBINATION METER

1. Replace combination meter. Refer to MWI-103, "Exploded View".
2. Check air bag warning lamp operation.

Is the inspection result normal?

YES >> INSPECTION END
NO >> GO TO 1.

SRS AIR BAG WARNING LAMP DOES NOT TURN ON

Diagnosis Procedure

INFOID:0000000005456228

1.CHECK COMBINATION METER POWER SPPLY AND GROUND CIRCUIT

Check conbination meter unit power supply and ground circuit. Refer to MWI-45, "COMBINATION METER : Diagnosis Procedure".

Is the inspection result normal?

YES >> GO TO 2.
NO >> Repair or replace the malfunctioning parts.

2.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace harness connectors.

3.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace wiring harness.

4.CHECK AIR BAG DIAGNOSIS SENSOR UNIT

Disconnect air bag diagnosis sensor unit connector and turn ignition switch ON.

Does air bag warning lamp turn ON?

YES >> Replace air bag diagnosis sensor unit. Refer to SR-30, "COUPE : Exploded View".
NO >> Replace combination meter. Refer to MWI-103, "Exploded View".

PRECAUTION

PRECAUTIONS

Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"

INFOID:0000000005593864

The Supplemental Restraint System such as “AIR BAG” and “SEAT BELT PRE-TENSIONER”, used along with a front seat belt, helps to reduce the risk or severity of injury to the driver and front passenger for certain types of collision. This system includes seat belt switch inputs and dual stage front air bag modules. The SRS system uses the seat belt switches to determine the front air bag deployment, and may only deploy one front air bag, depending on the severity of a collision and whether the front occupants are belted or unbelted. Information necessary to service the system safely is included in the “SRS AIR BAG” and “SEAT BELT” of this Service Manual.

WARNING:

- **To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision 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 AIR BAG”.**
- **Do not use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.**

PRECAUTIONS WHEN USING POWER TOOLS (AIR OR ELECTRIC) AND HAMMERS

WARNING:

- **When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the ignition ON or engine running, DO NOT use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.**
- **When using air or electric power tools or hammers, always switch the ignition OFF, disconnect the battery, and wait at least 3 minutes before performing any service.**

Service

INFOID:0000000005593865

- 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 battery negative terminal, and wait at least 3 minutes or more.
  For approximately 3 minutes after the battery negative terminal is removed, it is still possible for the air bag and seat belt pre-tensioner to deploy. Therefore, do not work on any SRS connectors or wires until 3 minutes or more elapse.
- Diagnosis sensor unit must always be installed with their arrow marks “⇐” pointing towards the front of the vehicle for normal operation. Also check diagnosis sensor unit for cracks, deformities, or rust before installation and replace if necessary.
- 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.
- Perform self-diagnosis to check entire SRS for normal function after replacing any components.
- After air bag inflates, the front instrument panel assembly must be replaced if damaged.
- Always replace instrument panel pad following front passenger air bag deployment.

Occupant Classification System Precaution

INFOID:0000000005593866

Replace Occupant Classification System control unit and passenger front seat cushion as an assembly.
Refer to SE-88, "Removal and Installation".

Precaution for Battery Service

INFOID:0000000005593867

Before disconnecting the battery, lower both the driver and passenger windows. This will prevent any interference between the window edge and the vehicle when the door is opened/closed. During normal operation, the window slightly raises and lowers automatically to prevent any window to vehicle interference. The automatic window function will not work with the battery disconnected.