

A

B

C

D

E

F

G

SRC

I

J

K

L

M

N

O

P

SECTION

SRC

SRS AIRBAG CONTROL SYSTEM

CONTENTS

PRECAUTION	5	Description	27	F
PRECAUTIONS	5	DTC Logic	27	
Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"	5	Diagnosis Procedure	27	
Service	5	U1010 CONTROL UNIT (CAN)	28	G
Occupant Classification System Precaution	6	DTC Logic	28	
SYSTEM DESCRIPTION	7	Diagnosis Procedure	28	
COMPONENT PARTS	7	B1001, B1002, B1003, B1004, B1005 DIAGNOSIS SENSOR UNIT	29	
Component Parts Location	7	DTC Logic	29	I
Component Description	8	Diagnosis Procedure	29	
SYSTEM	10	B1006, B1007, B1008, B1009, B1010 DIAGNOSIS SENSOR UNIT	30	J
System Diagram	10	DTC Logic	30	
System Description	10	Diagnosis Procedure	30	
DIAGNOSIS SYSTEM (AIR BAG)	12	B1011, B1012, B1013, B1014, B1015 DIAGNOSIS SENSOR UNIT	31	K
Description	12	DTC Logic	31	
On Board Diagnosis Function	12	Diagnosis Procedure	31	L
CONSULT Function	16	B1017, B1020, B1021 OCCUPANT SYSTEM CONTROL UNIT	32	M
ECU DIAGNOSIS INFORMATION	18	DTC Logic	32	
DIAGNOSIS SENSOR UNIT	18	Diagnosis Procedure	32	
DTC Index	18	B1018 OCCUPANT SYSTEM SENSOR	34	N
WIRING DIAGRAM	22	DTC Logic	34	
SRS AIR BAG SYSTEM	22	Diagnosis Procedure	34	O
Wiring Diagram	22	B1022 OCCUPANT SYSTEM CONTROL UNIT	36	
BASIC INSPECTION	24	DTC Logic	36	P
DIAGNOSIS AND REPAIR WORK FLOW	24	Diagnosis Procedure	36	
Work Flow	24	B1023 PASSENGER AIR BAG OFF INDICATOR	38	
DTC/CIRCUIT DIAGNOSIS	27	DTC Logic	38	
U1000 CAN COMM CIRCUIT	27	Diagnosis Procedure	38	

B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR	40	Diagnosis Procedure	63
DTC Logic	40	B1067, B1072 PASSENGER AIR BAG MODULE	65
Diagnosis Procedure	40	DTC Logic	65
B1026, B1027, B1028, B1029, B1030, B1031 DIAGNOSIS SENSOR UNIT	42	Diagnosis Procedure	65
DTC Logic	42	B1068, B1073 PASSENGER AIR BAG MODULE	67
Diagnosis Procedure	42	DTC Logic	67
B1033, B1034 CRASH ZONE SENSOR	43	Diagnosis Procedure	67
DTC Logic	43	B1074, B1075, B1076, B1077, B1078, B1079 DIAGNOSIS SENSOR UNIT	69
Diagnosis Procedure	43	DTC Logic	69
B1035 CRASH ZONE SENSOR	45	Diagnosis Procedure	69
DTC Logic	45	B1080, B1096 DRIVER AIR BAG MODULE	70
Diagnosis Procedure	45	DTC Logic	70
B1036 CRASH ZONE SENSOR	47	Diagnosis Procedure	70
DTC Logic	47	B1081 SEAT BELT PRE-TENSIONER RH	72
Diagnosis Procedure	47	DTC Logic	72
B1037, B1039, B1041 CRASH ZONE SENSOR	49	Diagnosis Procedure	72
DTC Logic	49	B1082 SEAT BELT PRE-TENSIONER RH	74
Diagnosis Procedure	49	DTC Logic	74
B1042, B1043, B1044, B1045, B1046, B1047 DIAGNOSIS SENSOR UNIT	51	Diagnosis Procedure	74
DTC Logic	51	B1083 SEAT BELT PRE-TENSIONER RH	76
Diagnosis Procedure	51	DTC Logic	76
B1049, B1054 DRIVER AIR BAG MODULE	52	Diagnosis Procedure	76
DTC Logic	52	B1084 SEAT BELT PRE-TENSIONER RH	78
Diagnosis Procedure	52	DTC Logic	78
B1050, B1055 DRIVER AIR BAG MODULE	54	Diagnosis Procedure	78
DTC Logic	54	B1086 SEAT BELT PRE-TENSIONER LH	80
Diagnosis Procedure	54	DTC Logic	80
B1051, B1056 DRIVER AIR BAG MODULE	56	Diagnosis Procedure	80
DTC Logic	56	B1087 SEAT BELT PRE-TENSIONER LH	82
Diagnosis Procedure	56	DTC Logic	82
B1052, B1057 DRIVER AIR BAG MODULE	58	Diagnosis Procedure	82
DTC Logic	58	B1088 SEAT BELT PRE-TENSIONER LH	84
Diagnosis Procedure	58	DTC Logic	84
B1058, B1059, B1060, B1061, B1062, B1063 DIAGNOSIS SENSOR UNIT	60	Diagnosis Procedure	84
DTC Logic	60	B1089 SEAT BELT PRE-TENSIONER LH	86
Diagnosis Procedure	60	DTC Logic	86
B1065, B1070 PASSENGER AIR BAG MODULE	61	Diagnosis Procedure	86
DTC Logic	61	B1090, B1091, B1092, B1093, B1094, B1095 DIAGNOSIS SENSOR UNIT	88
Diagnosis Procedure	61	DTC Logic	88
B1066, B1071 PASSENGER AIR BAG MODULE	63	Diagnosis Procedure	88
DTC Logic	63	B1106, B1107, B1108, B1109, B1110, B1111 DIAGNOSIS SENSOR UNIT	89
		DTC Logic	89
		Diagnosis Procedure	89

B1113, B1114 SATELLITE SENSOR RH90	B1138, B1139, B1140, B1141, B1142, B1143	
DTC Logic90	DIAGNOSIS SENSOR UNIT 119	A
Diagnosis Procedure90	DTC Logic119	
B1115 SATELLITE SENSOR RH92	Diagnosis Procedure119	B
DTC Logic92	B1144 DIAGNOSIS SENSOR UNIT 120	
Diagnosis Procedure92	DTC Logic120	C
B1116 SATELLITE SENSOR RH94	Diagnosis Procedure120	
DTC Logic94	B1145 CURTAIN AIR BAG MODULE RH 121	D
Diagnosis Procedure94	DTC Logic121	
B1118, B1119 SATELLITE SENSOR LH96	Diagnosis Procedure121	E
DTC Logic96	B1146 CURTAIN AIR BAG MODULE RH 123	
Diagnosis Procedure96	DTC Logic123	F
B1120 SATELLITE SENSOR LH98	Diagnosis Procedure123	
DTC Logic98	B1147 CURTAIN AIR BAG MODULE RH 125	G
Diagnosis Procedure98	DTC Logic125	
B1121 SATELLITE SENSOR LH 100	Diagnosis Procedure125	
DTC Logic 100	B1148 CURTAIN AIR BAG MODULE RH 127	
Diagnosis Procedure 100	DTC Logic127	
B1122, B1123, B1124, B1125, B1126, B1127	Diagnosis Procedure127	
DIAGNOSIS SENSOR UNIT 102	B1150 CURTAIN AIR BAG MODULE LH 129	SRC
DTC Logic 102	DTC Logic129	
Diagnosis Procedure 102	Diagnosis Procedure129	
B1129 SIDE AIR BAG MODULE RH 103	B1151 CURTAIN AIR BAG MODULE LH 131	I
DTC Logic 103	DTC Logic131	
Diagnosis Procedure 103	Diagnosis Procedure131	J
B1130 SIDE AIR BAG MODULE RH 105	B1152 CURTAIN AIR BAG MODULE LH 133	
DTC Logic 105	DTC Logic133	K
Diagnosis Procedure 105	Diagnosis Procedure133	
B1131 SIDE AIR BAG MODULE RH 107	B1153 CURTAIN AIR BAG MODULE LH 135	L
DTC Logic 107	DTC Logic135	
Diagnosis Procedure 107	Diagnosis Procedure135	
B1132 SIDE AIR BAG MODULE RH 109	B1154, B1155, B1156, B1157, B1158, B1159	
DTC Logic 109	DIAGNOSIS SENSOR UNIT 137	M
Diagnosis Procedure 109	DTC Logic137	
B1134 SIDE AIR BAG MODULE LH 111	Diagnosis Procedure137	N
DTC Logic 111	B1170, B1171, B1172, B1173, B1174, B1175	
Diagnosis Procedure 111	DIAGNOSIS SENSOR UNIT 138	O
B1135 SIDE AIR BAG MODULE LH 113	DTC Logic138	
DTC Logic 113	Diagnosis Procedure138	P
Diagnosis Procedure 113	B1182 LAP PRE-TENSIONER LH 139	
B1136 SIDE AIR BAG MODULE LH 115	DTC Logic139	
DTC Logic 115	Diagnosis Procedure139	
Diagnosis Procedure 115	B1183 LAP PRE-TENSIONER LH 141	
B1137 SIDE AIR BAG MODULE LH 117	DTC Logic141	
DTC Logic 117	Diagnosis Procedure141	
Diagnosis Procedure 117	B1184 LAP PRE-TENSIONER LH 143	
	DTC Logic143	
	Diagnosis Procedure143	

B1185 LAP PRE-TENSIONER LH	145	DTC Logic	157
DTC Logic	145	Diagnosis Procedure	157
Diagnosis Procedure	145		
B1186, B1187, B1188, B1189, B1190, B1191		B1336, B1337 SATELLITE SENSOR RH	158
DIAGNOSIS SENSOR UNIT	147	DTC Logic	158
DTC Logic	147	Diagnosis Procedure	158
Diagnosis Procedure	147		
B1202, B1203, B1204, B1205, B1206, B1207		B1338, B1340, B1341, B1342 SATELLITE	
DIAGNOSIS SENSOR UNIT	148	SENSOR RH	160
DTC Logic	148	DTC Logic	160
Diagnosis Procedure	148	Diagnosis Procedure	160
B1209 FRONTAL COLLISION DETECTION .	149	B1339 SATELLITE SENSOR RH	162
Description	149	DTC Logic	162
DTC Logic	149	Diagnosis Procedure	162
Diagnosis Procedure	149		
		B1343, B1344 SATELLITE SENSOR LH	163
B1210 SIDE COLLISION DETECTION	150	DTC Logic	163
Description	150	Diagnosis Procedure	163
DTC Logic	150		
Diagnosis Procedure	150	B1345, B1347, B1348, B1349 SATELLITE	
		SENSOR LH	165
B1212, B1213, B1214 SATELLITE SENSOR		DTC Logic	165
RH	151	Diagnosis Procedure	165
DTC Logic	151		
Diagnosis Procedure	151	B1346 SATELLITE SENSOR LH	167
		DTC Logic	167
B1215, B1216, B1217 SATELLITE SENSOR		Diagnosis Procedure	167
LH	153		
DTC Logic	153	B1350 SATELLITE SENSOR	168
Diagnosis Procedure	153	DTC Logic	168
		Diagnosis Procedure	168
B1218, B1219, B1220, B1221, B1222, B1223		SYMPTOM DIAGNOSIS	169
DIAGNOSIS SENSOR UNIT	155		
DTC Logic	155	SRS AIR BAG WARNING LAMP DOES NOT	
Diagnosis Procedure	155	TURN OFF	169
		Diagnosis Procedure	169
B1234, B1235, B1236, B1237, B1238, B1239			
DIAGNOSIS SENSOR UNIT	156	SRS AIR BAG WARNING LAMP DOES NOT	
DTC Logic	156	TURN ON	170
Diagnosis Procedure	156	Diagnosis Procedure	170
B1250, B1251, B1252, B1253, B1254, B1255		SRS AIR BAG WARNING LAMP BLINKS	171
DIAGNOSIS SENSOR UNIT	157	Diagnosis Procedure	171

PRECAUTIONS

< PRECAUTION >

PRECAUTION

PRECAUTIONS

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

INFOID:000000008142418

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:

Always observe the following items for preventing accidental activation.

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision that would result in air bag inflation, all maintenance must be performed by an authorized NISSAN/INFINITI dealer.
- Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see "SRS AIR BAG".
- Never use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.

PRECAUTIONS WHEN USING POWER TOOLS (AIR OR ELECTRIC) AND HAMMERS

WARNING:

Always observe the following items for preventing accidental activation.

- When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the ignition ON or engine running, never use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.
- When using air or electric power tools or hammers, always switch the ignition OFF, disconnect the 12V battery, and wait at least 3 minutes before performing any service.

Service

INFOID:000000008142419

- Never use electrical test equipment to check SRS circuits unless instructed to in this Service Manual.
- Before servicing the SRS, turn ignition switch OFF, disconnect 12V battery negative terminal and wait 3 minutes or more.
For approximately 3 minutes after the cables are removed, it is still possible for the air bag and seat belt pretensioner to deploy. Therefore, never work on any SRS connectors or wires until at least 3 minutes have passed.
- Diagnosis sensor unit must always be installed with their arrow marks "⇐" pointing towards the front of the vehicle for proper operation. Also check diagnosis sensor unit for cracks, deformities or rust before installation and replace as required.
- The spiral cable must be aligned with the neutral position since its rotations are limited. Never turn steering wheel and column after removal of steering gear.
- Handle air bag module carefully. Always place driver and front passenger air bag modules with the pad side facing upward and seat mounted front side air bag module standing with the stud bolt side facing down.
- Conduct self-diagnosis to check entire SRS for proper function after replacing any components.
- After air bag inflates, the front instrument panel assembly should be replaced if damaged.
- Always replace instrument panel pad following front passenger air bag deployment.
- Never solder the harness when making repairs. Check that harness is not pinched and that there is no contact with other components.
- Never allow harness to come in contact with oil, grease, waste oil, or water.
- Never insert foreign materials, such as a screwdriver, into the harness connector. (This is to prevent accidental activation caused by static electricity.)
- Always use CONSULT or SRS air bag warning lamp to perform the circuit diagnosis. (Never use an electric tester such as a circuit tester.)

PRECAUTIONS

< PRECAUTION >

- Never enter in the deployment area of the pop-up roll bar. Never put an object in the deployment area of the pop-up roll bar. (This is to prevent injury in case of an unintentional deployment.)
- When handling a pop-up roll bar, always grip the frame and handle carefully.
- Never reuse a pop-up roll bar that has previously deployed.
- Modification of the pop-up roll bar may cause unintentional deployment or a malfunction. Never disassemble or modify the pop-up roll bar.
- Never allow the pop-up roll bar to be impacted (by dropping or otherwise). Always replace the pop-up roll bar if impacted.
- When repairing the surrounding area of the pop-up roll bar, be careful not to apply excessive heat when welding or otherwise. Remove the pop-up roll bar in advance, if necessary. Be careful when modifying the mounting area or installing other parts because an incorrect procedure may cause damage or a malfunction.
- Never disassemble the pop-up roll bar.
- Never expose the pop-up roll bar to temperatures exceeding 90 °C (194 °F).
- Never allow oil, grease, detergent, or water to come in contact with the pop-up roll bar.

Occupant Classification System Precaution

INFOID:000000008142420

- Replace occupant classification system control unit and passenger front seat cushion as an assembly. Refer to [SE-87, "SEAT CUSHION : Disassembly and Assembly"](#).

COMPONENT PARTS

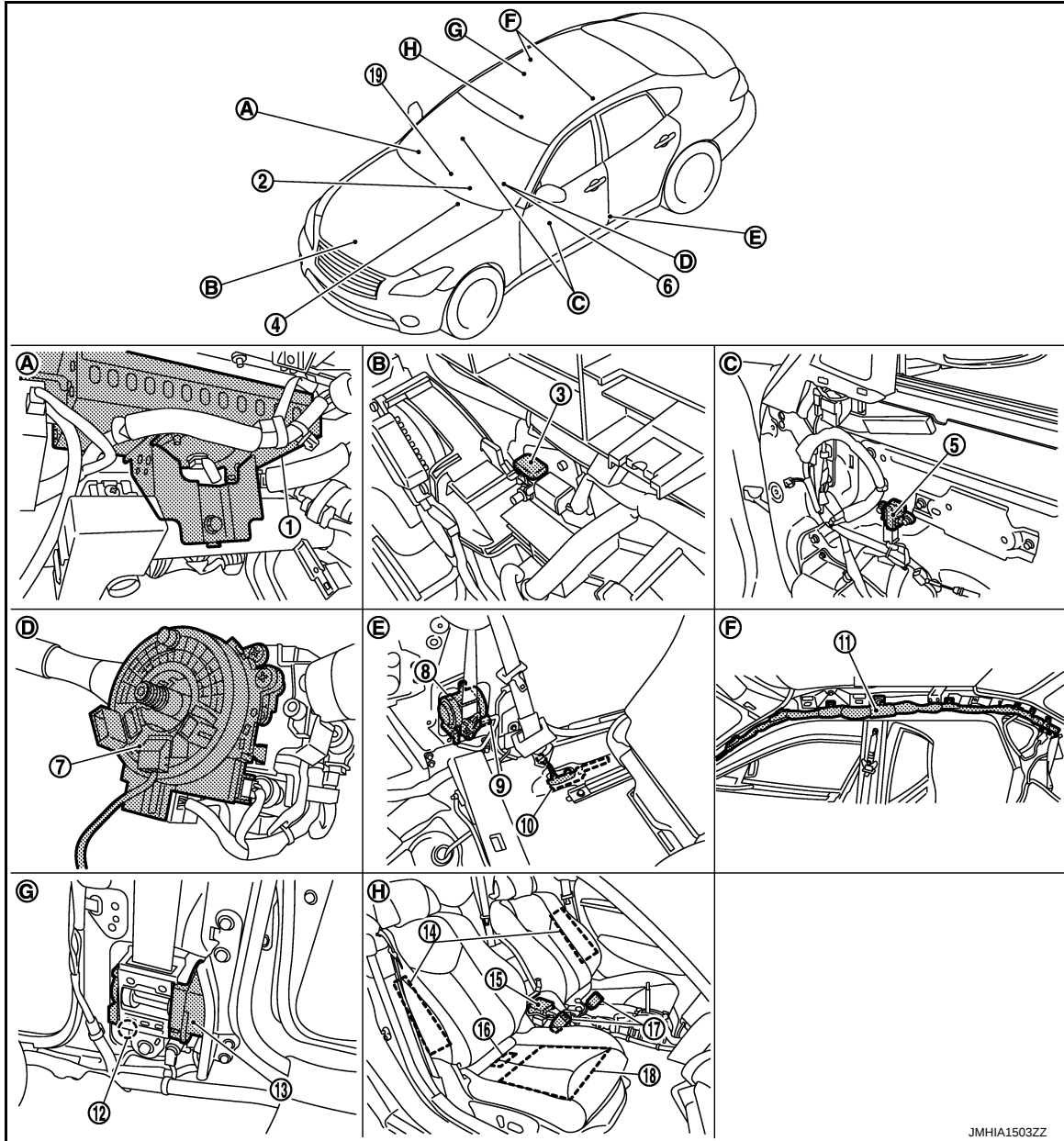
< SYSTEM DESCRIPTION >

SYSTEM DESCRIPTION

COMPONENT PARTS

Component Parts Location

INFOID:000000008142421



- | | | |
|---|--|---|
| 1. Passenger air bag module | 2. Combination meter
Refer to MWI-6, "METER SYSTEM: Component Parts Location" . | 3. Crash zone sensor |
| 4. BCM
Refer to BCS-4, "BODY CONTROL SYSTEM: Component Parts Location" . | 5. Front door satellite sensor LH/RH | 6. Driver air bag module |
| 7. Combination switch (spiral cable) | 8. Seat belt pre-tensioner LH | 9. Satellite sensor LH |
| 10. Lap pre-tensioner LH | 11. Curtain air bag module LH/RH | 12. Satellite sensor RH |
| 13. Seat belt pre-tensioner RH | 14. Side air bag module LH/RH | 15. Air bag diagnosis sensor unit |
| 16. Occupant classification system control unit | 17. Seat belt buckle switch LH/RH | 18. Occupant classification system sensor |

COMPONENT PARTS

< SYSTEM DESCRIPTION >

19. Multifunction switch (passenger air bag off indicator)
- | | | |
|-------------------------------------|--|--|
| A. View with glove box removed | B. Radiator core support assembly | C. View with door finisher removed |
| D. View with steering wheel removed | E. Behind rear side finisher | F. View with headlining assembly removed |
| G. Behind rear side finisher | H. View with center console assembly removed | |

Component Description

INFOID:000000008142422

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. • It contains the "G" sensors for both frontal and side collisions and spare battery function in case of main battery damage in collision.
BCM	Receive the collision detection signal when air bag diagnosis sensor unit detects collision.
Combination meter (air bag warning lamp)	Indicates air bag malfunctioning and deployment by blinking and illuminating air bag warning lamp.
Combination switch (spiral cable)	Supplies power supply to driver air bag module on steering wheel.
Crash zone sensor	• Transmits signal to air bag diagnosis sensor unit when a frontal collision occurs. • 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.
Curtain air bag module LH/RH	• Deploys according to collision judgment of G sensor, pressure sensor, and safing sensor. • Receives collision signal from air bag diagnosis sensor unit, ignites, and burns ignition material by electric ignition system, when side collision exceeds setting limit of the vehicle. Gas is generated by chemical reaction of ignition material, passes filter, and deploys air bag. • Air bag module mainly consists of air bag and inflator that deploys air bag.
Driver air bag module	• Receives signal from air bag diagnosis sensor unit and deploys air bag. • 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.
Front door satellite sensor LH/RH	• Transmits signal to air bag diagnosis sensor unit when a side collision occurs. • When air bag diagnosis sensor unit defines both signal voltage of the "G" sensor, pressure 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 side air bag, curtain air bag and pre-tensioner.
Lap pre-tensioner LH	• Receives signal from air bag diagnosis sensor unit and deploys seat belt pre-tensioner and lap pre-tensioner. • In the case of a frontal collision or side collision that exceeds 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. • Lap pre-tensioner upgrades passenger restrain function by reducing movement of lumber during a frontal collision or side collision.
Occupant classification system control unit	Detects front passenger seat occupant.
Passenger air bag module	• Receives signal from air bag diagnosis sensor unit and deploys air bag. • 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.
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.

COMPONENT PARTS

< SYSTEM DESCRIPTION >

Component	Function
Satellite sensor LH/RH	- Transmits signal to air bag diagnosis sensor unit when a side collision occurs. - When air bag diagnosis sensor unit defines both signal voltage of the "G" sensor, pressure 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 side air bag and curtain air bag and seat belt pre-tensioner.
Seat belt buckle switch LH/RH	Controls deployment timing depending on the seat belt condition that is fastened or unfastened.
Seat belt pre-tensioner LH/RH	- Receives signal from air bag diagnosis sensor unit and deploys seat belt pre-tensioner and lap pre-tensioner. - In the case of a frontal collision or side collision that exceeds 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.
Side air bag module LH/RH	- Receives signal from air bag diagnosis sensor unit and deploys air bag. - 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.

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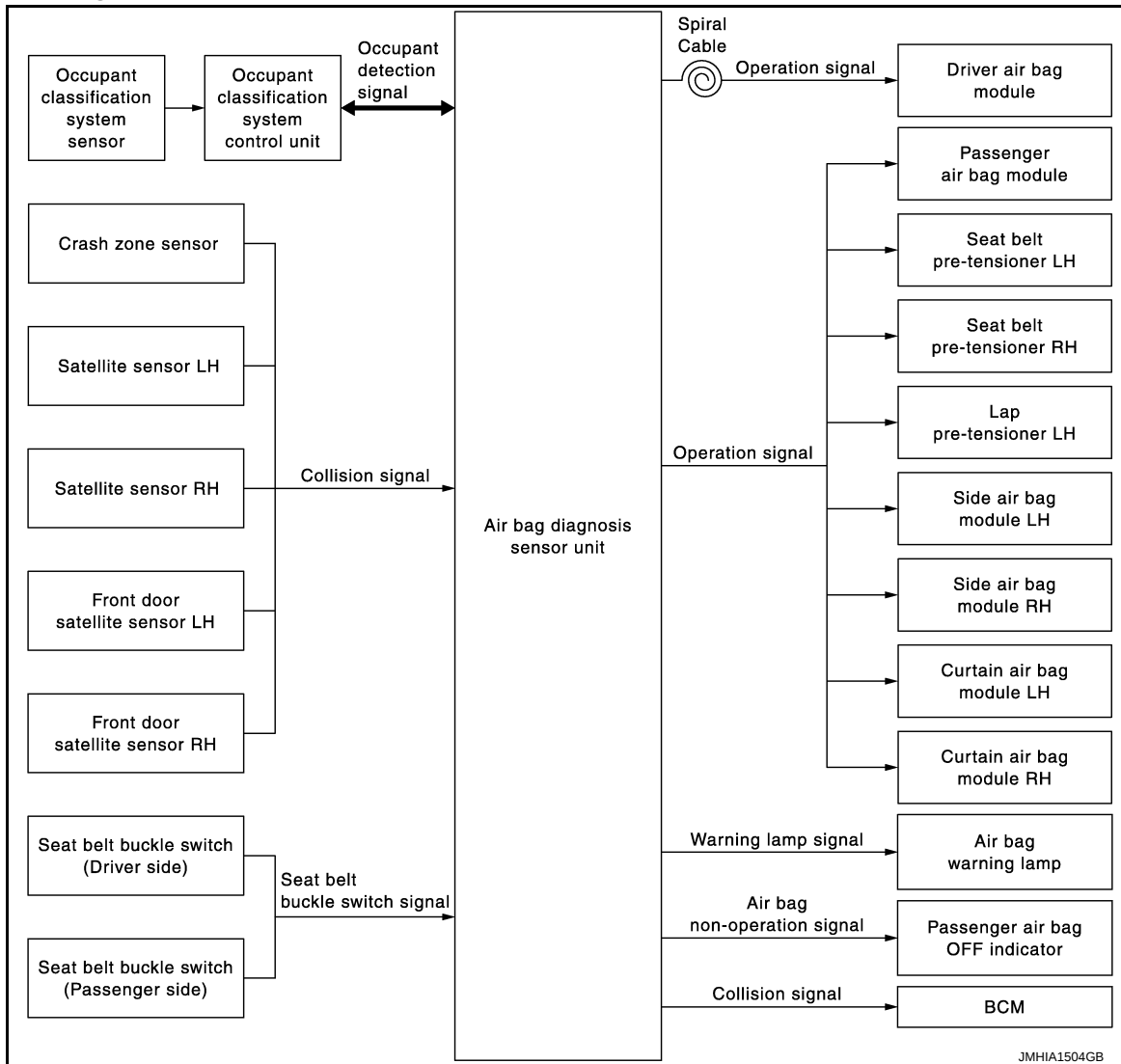
SYSTEM

< SYSTEM DESCRIPTION >

SYSTEM

System Diagram

INFOID:000000008142423



System Description

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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 and pressure sensor in air bag diagnosis sensor unit, crash zone sensor, satellite sensor, or front door 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, gas generator 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.

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.

SYSTEM

< SYSTEM DESCRIPTION >

- 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.
- 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-7. "System Description"](#).
- When collision is detected, collision signal is transmitted to HPCM (collision detection function).

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 or side collision.

SRS configurations that are activated for the following collision modes.

x: Apply —: Not apply			
SRS configuration	Frontal collision	Left side collision	Right side collision
Driver air bag module	×	—	—
Passenger air bag module	×	—	—
Seat belt pre-tensioner LH	×	×	—
Seat belt pre-tensioner RH	×	—	×
Lap pre-tensioner LH	×	×	—
Side air bag module LH	—	×	—
Side air bag module RH	—	—	×
Curtain air bag module LH	—	×	—
Curtain air bag module RH	—	—	×

OCCUPANT CLASSIFICATION SYSTEM

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.

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

DIAGNOSIS SYSTEM (AIR BAG)

< SYSTEM DESCRIPTION >

DIAGNOSIS SYSTEM (AIR BAG)

Description

INFOID:000000008142425

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

×: Application, —: Not application

Diagnosis tool	User mode	Diagnosis mode
Air bag warning lamp	×	×
CONSULT	—	×

On Board Diagnosis Function

INFOID:000000008142426

ON-BOARD DIAGNOSIS

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

- USER MODE
- DIAGNOSIS MODE

METHOD OF STARTING

- 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 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. Diagnosis mode changes.

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

< SYSTEM DESCRIPTION >

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O

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.

1. Follow the procedures of “PROCEDURE TO CHANGE 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.

DIAGNOSIS SYSTEM (AIR BAG)

< SYSTEM DESCRIPTION >

- 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 RH
2	Driver air bag module
3	Seat belt pre-tensioner LH
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
13	Lap pre-tensioner LH
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
9	Front door satellite sensor RH
10	Front door satellite sensor LH
20	Front door satellite sensor LH/RH

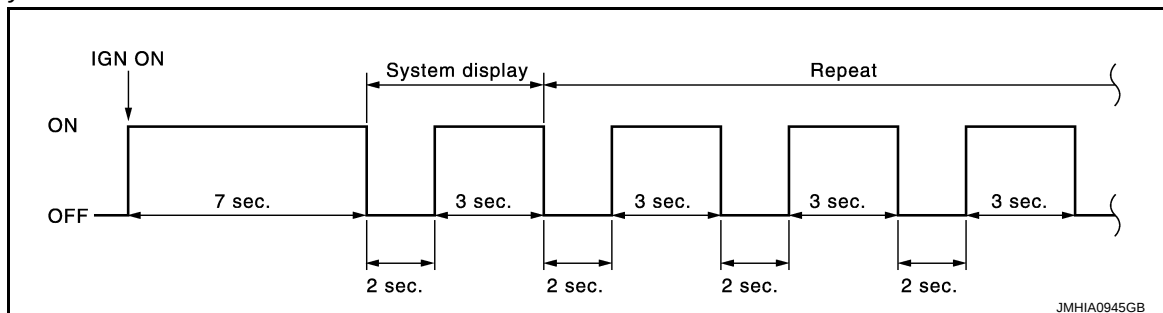
How to Erase Self-diagnostic Result

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.



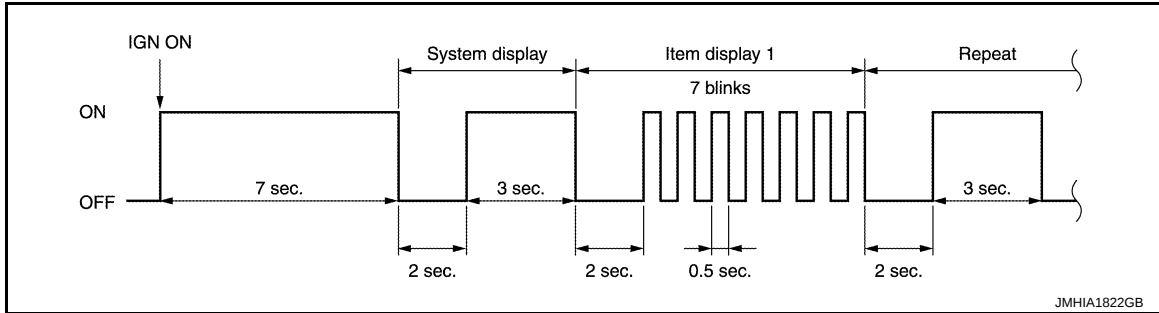
Single System Malfunction

- Front air bag system

DIAGNOSIS SYSTEM (AIR BAG)

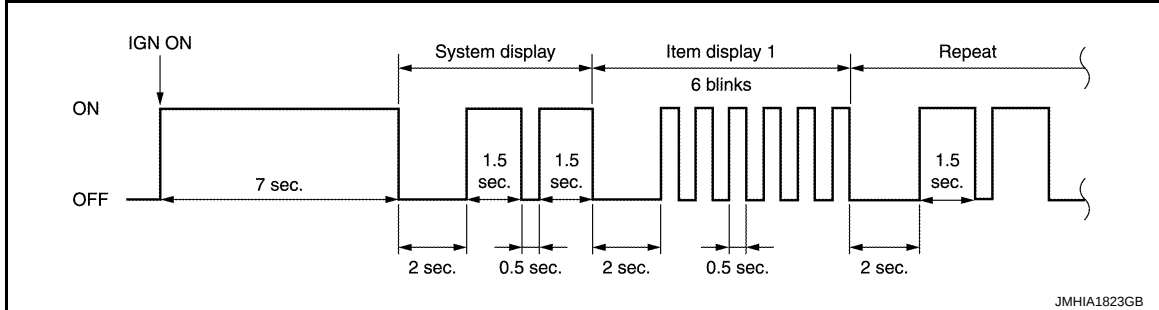
< SYSTEM DESCRIPTION >

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



- Side air bag system

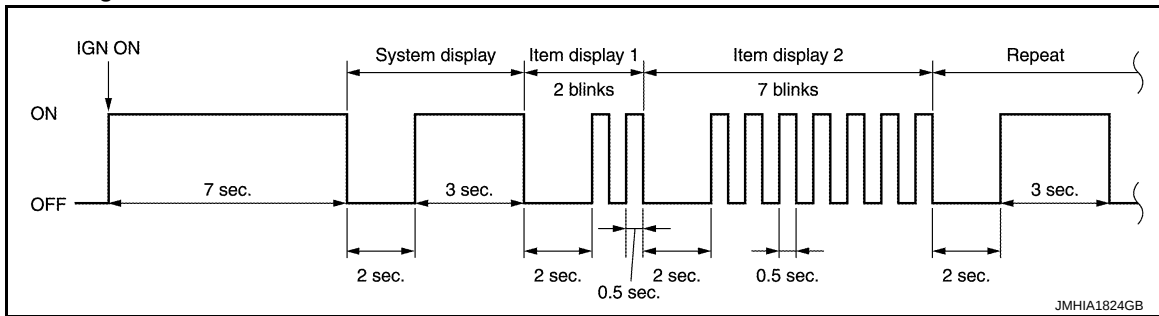
When curtain air bag module LH system (Item display 1) is malfunctioning.



Multiple Systems Malfunction

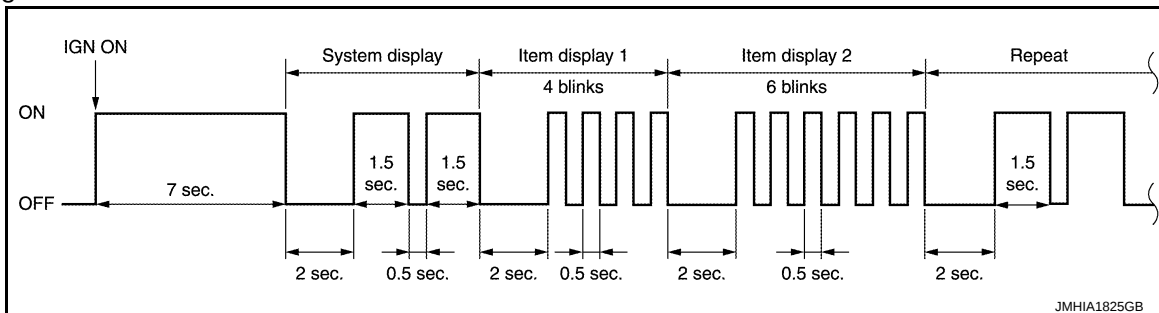
- Front air bag system

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.

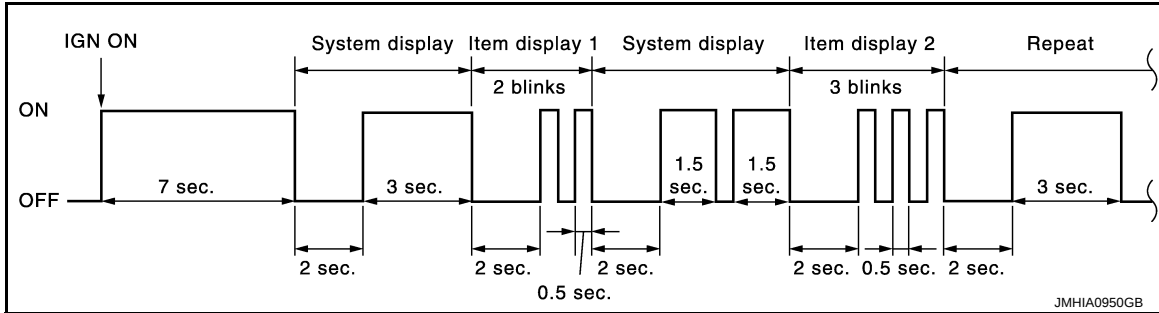


- Front air bag system and side air bag system

DIAGNOSIS SYSTEM (AIR BAG)

< SYSTEM DESCRIPTION >

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



CONSULT Function

INFOID:000000008142427

APPLICATION ITEM

CONSULT performs the following functions.

Diagnosis mode	Function description
Ecu Identification	ECU identification number can be read.
Self Diagnostic Result	- Self-diagnosis result is displayed. Refer to SRC-18, "DTC Index". "No DTC" is displayed when repair is completed by part replacement or other operations. "SELF-DIAG RESULT [MEMORY]" is displayed until "Erase" is performed. CAUTION: When "No DTC" is displayed after repair, always perform "Erase". If this is not done SRS air bag warning lamp remains blinking when user mode is resumed.
SELF-DIAG [PAST]	Record of DTC, which is memorized in air bag diagnosis sensor unit in the past, is displayed.
SELF-DIAG RESULT [CAN]	This item is displayed, but cannot be supported.
CAUSE OF WARNING	Cause of warning lamp illumination, which is not recorded in DTC memory, is displayed.

Cause of warning lamp illumination

The SRS air bag warning lamp blinks when the ignition voltage is a voltage value (9V or less, or 16 V or more) at which the SRS air bag cannot operate normally. After blinking, if the ignition voltage returns to normal, SRS air bag warning lamp turns OFF. DTC memory is not performed while the abnormal ignition voltage is detected. The mode cannot be switched to trouble diagnosis mode when the power switch is operated. "No DTC" is displayed when checking "Self-diagnosis result" using CONSULT.

NOTE:

- SRS air bag warning may blink when the condition is out of detection area* of the satellite sensor in door. The system is normal if SRS air bag warning lamp turns OFF after the condition returns within detection area of the satellite sensor in door.
- SRS air bag warning lamp blinks when the zero point reset is incomplete after replacing the occupant detection system control unit. (SRS air bag warning lamp turns OFF after the zero point reset is complete.)
- *: Pressure inside of door is excessively low and air bag system cannot be operated normally (example: altitude is approximately 4,000 m or more).

DIAGNOSIS SYSTEM (AIR BAG)

< SYSTEM DESCRIPTION >

Display item	Display content	Actions by worker
IGN VOLT COND	The ignition voltage recognized by air bag system (air bag control unit and occupant detection system control unit) is displayed or a message stating that condition is out of detection range of satellite sensor in door is displayed. • OK: Normal • LOW: The ignition voltage is low, high, or out of detection range of satellite sensor in door	Perform the check at an altitude of 4,000 m or less. • Check battery voltage if the ignition voltage status is displayed as "LOW". • Check battery voltage if the ignition voltage status is "OK" and the number of times detected is 1 or more. This is because an ignition voltage error may be detected in the past. NOTE: If battery voltage is normal, the cause may be that out of detection range of satellite sensor in door is detected.
LOW VOLT TIME	Total number of times is displayed, summing up the number of times ignition voltage error is detected and the number of times that out of detection range of satellite sensor in door is detected. (Detection record is erased and counter returns to "0" by "ERASE MEMORY" in "Self-diagnosis results" using CONSULT.)	
LOW V RECORDED	Number of times power switch ON is displayed after ignition voltage error or out of detection range of satellite sensor in door is detected. (Detection record is erased and counter returns to "0" by "ERASE MEMORY" in "Self-diagnosis results" using CONSULT.)	

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SRC

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

ECU DIAGNOSIS INFORMATION

DIAGNOSIS SENSOR UNIT

DTC Index

INFOID:000000008142428

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-16, "CONSULT Function"
			Occupant classification function is disabled	SRC-171, "Diagnosis Procedure"
			Self-diagnostic result is not erased after repair	SRC-12, "On Board Diagnosis Function" , SRC-16, "CONSULT Function"
			Intermittent malfunction is detected in the past	GI-49, "Intermittent Incident"
		No malfunction is detected		—
B1001-B1015	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning		SRC-29, "DTC Logic" SRC-30, "DTC Logic" SRC-31, "DTC Logic"
B1017 B1020 B1021	OCCUPANT SENS C/U [UNIT FAIL]	Malfunction occurs in Occupant Classification System control unit		SRC-32, "DTC Logic"
B1018	OCCUPANT SENS [UNIT FAIL]	Malfunction occurs in Occupant Classification System sensor		SRC-34, "DTC Logic"
B1022	OCCUPANT SENS C/U [COMM FAIL]	Malfunction occurs in Occupant Classification System control unit, circuit of Occupant Classification System control unit, or air bag diagnosis sensor unit		SRC-36, "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-38, "DTC Logic"
B1025 B1032 B1048	OCS SENSOR	Malfunction occurs in Occupant Classification System control unit, circuit of Occupant Classification System control unit, or air bag diagnosis sensor unit		SRC-40, "DTC Logic"
B1026-B1031	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning		SRC-42, "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		SRC-45, "DTC Logic"
B1036	CRASH ZONE SEN [UNMATCH]	Crash zone sensor is out of the specified specification		SRC-47, "DTC Logic"
B1037 B1039 B1041	CRASH ZONE SENS1	Crash zone sensor is malfunctioning		SRC-49, "DTC Logic"
B1042-B1047	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning		SRC-51, "DTC Logic"
B1049 B1054	DRIVER AIRBAG MODULE [OPEN]	Driver air bag module circuit is open (including the spiral cable)		SRC-52, "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-54, "DTC Logic"

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

DTC	Diagnostic item	Explanation	Reference page
B1051 B1056	DRIVER AIRBAG MODULE [GND-SHORT]	Driver air bag module circuit is shorted to ground (including the spiral cable)	SRC-56, "DTC Logic"
B1052 B1057	DRIVER AIRBAG MODULE [SHORT]	Driver air bag module circuits are shorted to each other (including spiral cable)	SRC-58, "DTC Logic"
B1058-B1063	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-60, "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-70, "DTC Logic"
B1081	PRE-TEN FRONT RH [OPEN]	Front seat belt pre-tensioner RH circuit is open	SRC-72, "DTC Logic"
B1082	PRE-TEN FRONT RH [VB-SHORT]	Front seat belt pre-tensioner RH circuit is shorted to power supply circuit	SRC-74, "DTC Logic"
B1083	PRE-TEN FRONT RH [GND-SHORT]	Front seat belt pre-tensioner RH circuit is shorted to ground	SRC-76, "DTC Logic"
B1084	PRE-TEN FRONT RH [SHORT]	Front seat belt pre-tensioner RH circuits are shorted to each other	SRC-78, "DTC Logic"
B1086	PRE-TEN FRONT LH [OPEN]	Front seat belt pre-tensioner LH circuit is open	SRC-80, "DTC Logic"
B1087	PRE-TEN FRONT LH [VB-SHORT]	Front seat belt pre-tensioner LH circuit is shorted to power supply circuit	SRC-82, "DTC Logic"
B1088	PRE-TEN FRONT LH [GND-SHORT]	Front seat belt pre-tensioner LH circuit is shorted to ground	SRC-84, "DTC Logic"
B1089	PRE-TEN FRONT LH [SHORT]	Front seat belt pre-tensioner LH circuits are shorted to each other	SRC-86, "DTC Logic"
B1090-B1095	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-88, "DTC Logic"
B1106-B1111	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-89, "DTC Logic"
B1113 B1114	SATELLITE SENS RH [UNIT FAIL]	Satellite sensor RH is malfunctioning	SRC-90, "DTC Logic"
B1115	SATELLITE SENS RH [COMM FAIL]	Satellite sensor RH is malfunctioning	SRC-92, "DTC Logic"
B1116	SATELLITE SENS RH [UNMATCH]	Satellite sensor RH is out of the specified specification	SRC-94, "DTC Logic"
B1118 B1119	SATELLITE SENS LH [UNIT FAIL]	Satellite sensor LH is malfunctioning	SRC-96, "DTC Logic"
B1120	SATELLITE SENS LH [COMM FAIL]	Satellite sensor RH is malfunctioning	SRC-98, "DTC Logic"
B1121	SATELLITE SENS LH [UNMATCH]	Satellite sensor RH is out of the specified specification	SRC-100, "DTC Logic"
B1122-B1127	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-102, "DTC Logic"

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DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

DTC	Diagnostic item	Explanation	Reference page
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"
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]	Front seat belt pre-tensioner 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 [MISS INSTALLATION]	Air bag diagnosis sensor unit is malfunctioning or out of the specified specification	SRC-120, "DTC Logic"
B1145	CURTAIN MODULE RH [OPEN]	Curtain air bag module RH circuit is open	SRC-121, "DTC Logic"
B1146	CURTAIN MODULE RH [VB-SHORT]	Curtain air bag module RH circuit is shorted to power supply circuit	SRC-123, "DTC Logic"
B1147	CURTAIN MODULE RH [GND-SHORT]	Curtain air bag module RH circuit is shorted to ground	SRC-125, "DTC Logic"
B1148	CURTAIN MODULE RH [SHORT]	Curtain air bag module RH circuits are shorted to each other	SRC-127, "DTC Logic"
B1150	CURTAIN MODULE LH [OPEN]	Curtain air bag module LH circuit is open	SRC-129, "DTC Logic"
B1151	CURTAIN MODULE LH [VB-SHORT]	Curtain air bag module LH circuit is shorted to power supply circuits	SRC-131, "DTC Logic"
B1152	CURTAIN MODULE LH [GND-SHORT]	Curtain air bag module LH circuit is shorted to ground	SRC-133, "DTC Logic"
B1153	CURTAIN MODULE LH [SHORT]	Curtain air bag module LH circuits are shorted to each other	SRC-135, "DTC Logic"
B1154-B1159	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-137, "DTC Logic"
B1170-B1175	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-138, "DTC Logic"
B1182	PRE-TEN2 FRONT LH [OPEN]	Lap pre-tensioner LH circuit is open	SRC-139, "DTC Logic"
B1183	PRE-TEN2 FRONT LH [VB-SHORT]	Lap pre-tensioner LH circuit is shorted to power supply circuit	SRC-141, "DTC Logic"
B1184	PRE-TEN2 FRONT LH [GND-SHORT]	Lap pre-tensioner LH circuit is shorted to ground	SRC-143, "DTC Logic"
B1185	PRE-TEN2 FRONT LH [SHORT]	Lap pre-tensioner LH circuits are shorted to each other	SRC-145, "DTC Logic"
B1186-B1191	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-147, "DTC Logic"
B1202-B1207	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-148, "DTC Logic"

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

DTC	Diagnostic item	Explanation	Reference page
B1209	FRONTAL COLLISION DETECTION	Front seat belt pre-tensioner, driver air bag and passenger air bag are deployed	SRC-149, "Description"
B1210	SIDE COLLISION DETECTION	Side air bag, curtain air bag and front seat belt pre-tensioner are deployed	SRC-150, "DTC Logic"
B1212-B1214	RH1 SAT-SENS	Satellite sensor RH is malfunctioning	SRC-151, "DTC Logic"
B1215-B1217	LH1 SAT-SENS	Satellite sensor LH is malfunctioning	SRC-153, "DTC Logic"
B1218-B1223	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-155, "DTC Logic"
B1234-B1239	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-156, "DTC Logic"
B1250-B1255	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-157, "DTC Logic"
B1336 B1337	FR-RH DOOR SATEL SENS [SENSOR MALFUNCTION]	Front door satellite sensor RH is malfunctioning	SRC-158, "DTC Logic"
B1338 B1340 B1341 B1342	FR-RH DOOR SATEL SENS [COMM MALFUNCTION]	Front door satellite sensor RH is malfunctioning	SRC-160, "DTC Logic"
B1339	FR-RH DOOR SATEL SENS [MIS-INSTALLATION]	Front door satellite sensor RH is out of the specified specification	SRC-162, "DTC Logic"
B1343 B1344	FR-LH DOOR SATEL SENS [SENSOR MALFUNCTION]	Front door satellite sensor LH is malfunctioning	SRC-163, "DTC Logic"
B1345 B1347 B1348 B1349	FR-LH DOOR SATEL SENS [COMM MALFUNCTION]	Front door satellite sensor LH is malfunctioning	SRC-165, "DTC Logic"
B1346	FR-LH DOOR SATEL SENS [MIS-INSTALLATION]	Front door satellite sensor LH is out of the specified specification	SRC-167, "DTC Logic"
B1350	FR DOOR SATEL SENS	Front door satellite sensor is malfunctioning	SRC-168, "DTC Logic"

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SRS AIR BAG SYSTEM

< WIRING DIAGRAM >

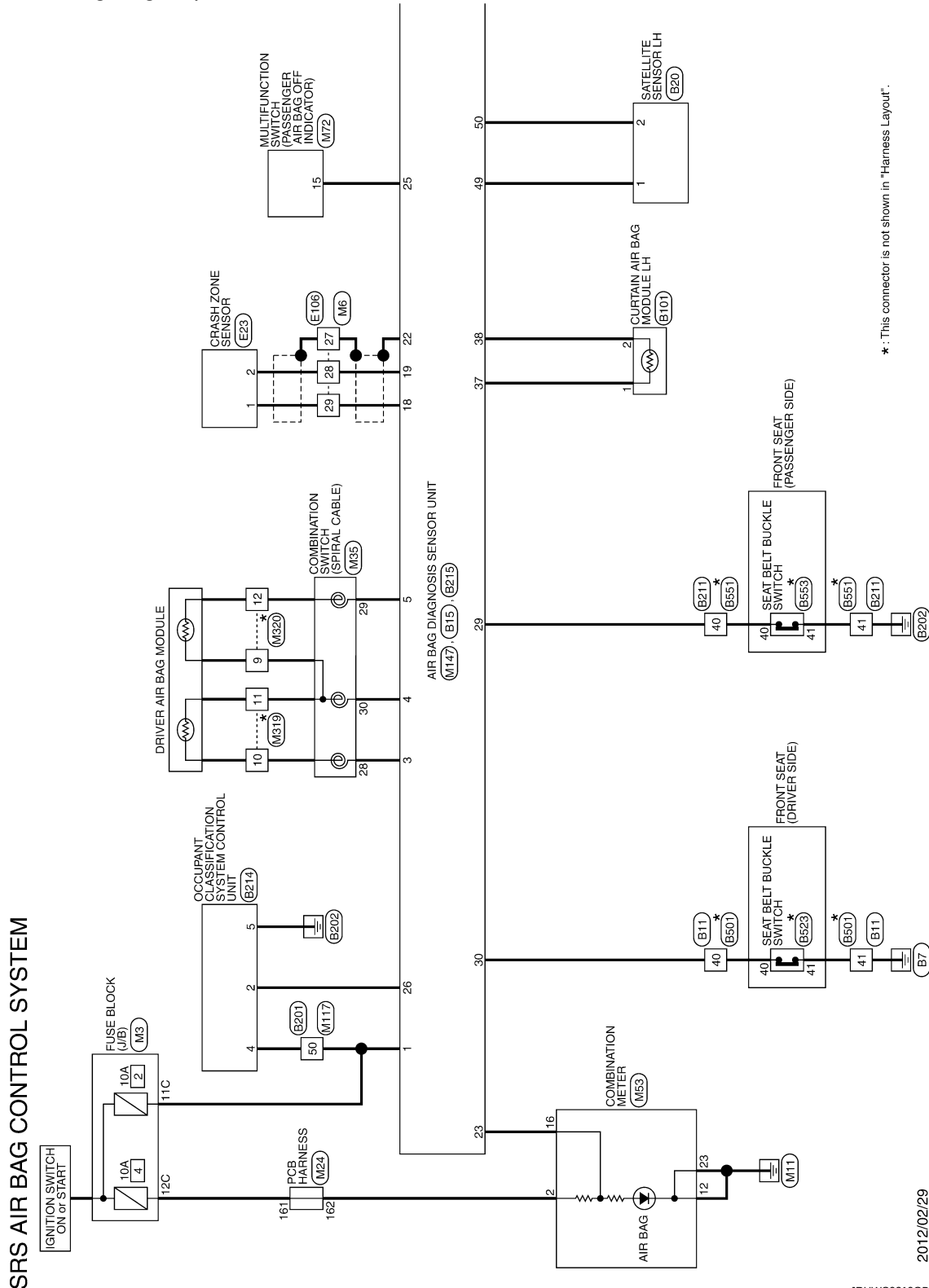
WIRING DIAGRAM

SRS AIR BAG SYSTEM

Wiring Diagram

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For connector terminal arrangements, harness layouts, and alphabets in a  (option abbreviation; if not described in wiring diagram), refer to [GI-13. "Connector Information"](#).



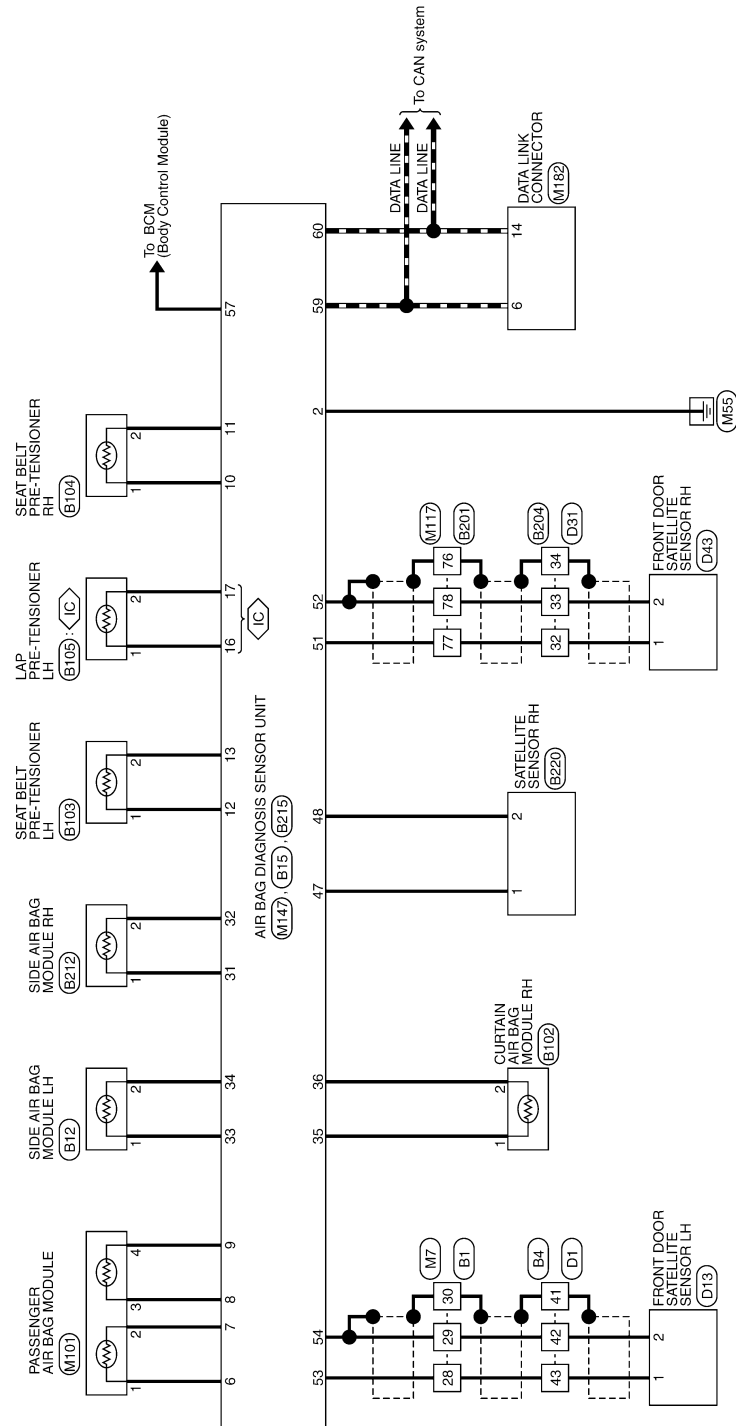
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SRS AIR BAG SYSTEM

< WIRING DIAGRAM >

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DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

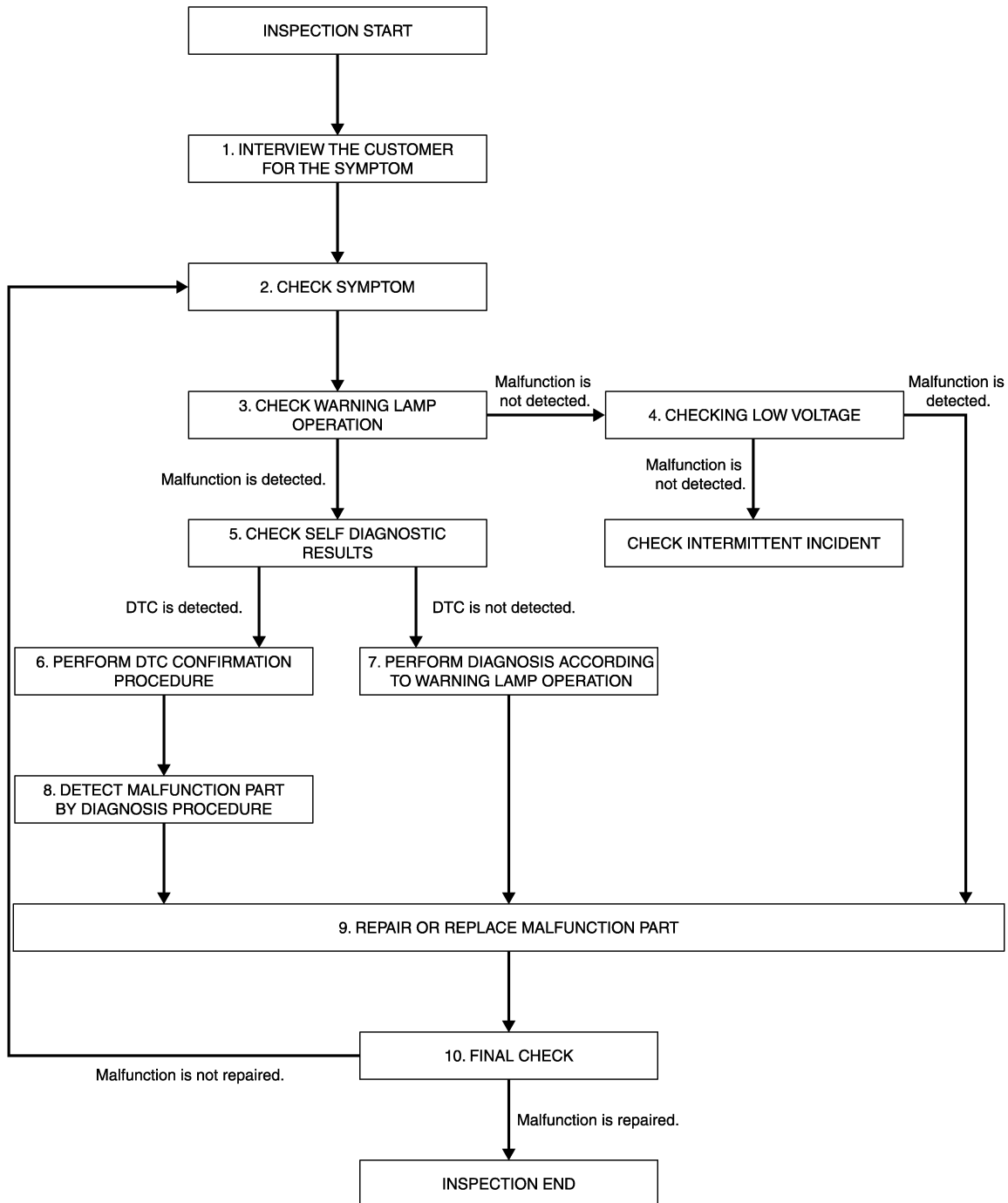
BASIC INSPECTION

DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

INFOID:000000008142430

OVERALL SEQUENCE



JMHIA1324GB

DETAILED FLOW

DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

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-12, "On Board Diagnosis Function"](#).

Are any malfunction detected?

YES >> GO TO 5.

NO >> GO TO 4.

4. CHECK LOW VOLTAGE

Check low voltage with CONSULT (Special function). Refer to [SRC-16, "CONSULT Function"](#).

Are any malfunction detected?

YES >> GO TO 9.

NO >> Check intermittent incident. Refer to [GI-49, "Intermittent Incident"](#).

5. CHECK SELF DIAGNOSTIC RESULTS

Check self diagnostic result with CONSULT 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.)
- 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-12, "On Board Diagnosis Function"](#).
2. Perform Diagnosis Procedure for the air bag warning lamp operation. Refer to [SRC-12, "On Board Diagnosis Function"](#) (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

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DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

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.

U1000 CAN COMM CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

DTC/CIRCUIT DIAGNOSIS

U1000 CAN COMM CIRCUIT

Description

INFOID:0000000008142431

CAN (Controller Area Network) is a serial communication line for real time applications. It is an on-vehicle multiplex communication line with high data communication speed and excellent error detection ability. Modern vehicle is equipped with many electronic control unit, and each control unit shares information and links with other control units during operation (not independent). In CAN communication, control units are connected with 2 communication lines (CAN H-line, CAN L-line) allowing a high rate of information transmission with less wiring. Each control unit transmits/receives data but selectively reads required data only.

CAN Communication Signal Chart. Refer to [LAN-36, "CAN COMMUNICATION SYSTEM : CAN Communication Signal Chart"](#).

DTC Logic

INFOID:0000000008142432

DTC DETECTION LOGIC

DTC	CONSULT display description	DTC Detection Condition	Possible cause
U1000	CAN COMM CIRCUIT	When air bag diagnosis sensor unit cannot communicate CAN communication signal continuously for 2 seconds or more.	CAN communication system

Diagnosis Procedure

INFOID:0000000008142433

SRC

1.PERFORM SELF DIAGNOSTIC

1. Turn ignition switch ON and wait for 2 seconds or more.
2. Check "SELF-DIAG [CAN]" in "special function" of "AIR BAG" using CONSULT.

Is DTC "U1000" displayed?

- YES >> Refer to [LAN-19, "Trouble Diagnosis Flow Chart"](#).
NO >> Refer to [GI-49, "Intermittent Incident"](#).

U1010 CONTROL UNIT (CAN)

< DTC/CIRCUIT DIAGNOSIS >

U1010 CONTROL UNIT (CAN)

DTC Logic

INFOID:0000000008142434

DTC DETECTION LOGIC

DTC	CONSULT display description	DTC Detection Condition	Possible cause
U1010	CONTROL UNIT (CAN)	Air bag diagnosis sensor unit detected internal CAN communication circuit malfunction.	Air bag diagnosis sensor unit

Diagnosis Procedure

INFOID:0000000008142435

1.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

When DTC "U1010" is detected, replace Air bag diagnosis sensor unit.

>> Replace Air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000008142436

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	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

① With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

② Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142437

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-29, "DTC Logic"](#).

Is DTC detected?

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

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000008142438

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-30, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142439

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-30, "DTC Logic"](#).

Is DTC detected?

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

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000008142440

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	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

① With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

② Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142441

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-31, "DTC Logic"](#).

Is DTC detected?

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

B1017, B1020, B1021 OCCUPANT SYSTEM CONTROL UNIT

< DTC/CIRCUIT DIAGNOSIS >

B1017, B1020, B1021 OCCUPANT SYSTEM CONTROL UNIT

DTC Logic

INFOID:000000008142442

DTC DETECTION LOGIC

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

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-32, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142443

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-32, "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, "Removal and Installation"](#).

B1017, B1020, B1021 OCCUPANT SYSTEM CONTROL UNIT

< DTC/CIRCUIT DIAGNOSIS >

2. Perform DTC confirmation procedure. Refer to [SRC-32, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1018 OCCUPANT SYSTEM SENSOR

< DTC/CIRCUIT DIAGNOSIS >

B1018 OCCUPANT SYSTEM SENSOR

DTC Logic

INFOID:000000008142444

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1018	OCCUPANT SENS [UNIT FAIL]	Occupant Classification System sensor is malfunctioning	• Harness or connectors • 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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-34, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142445

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-34, "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, "Removal and Installation"](#).

B1018 OCCUPANT SYSTEM SENSOR

< DTC/CIRCUIT DIAGNOSIS >

2. Perform DTC confirmation procedure. Refer to [SRC-34, "DTC Logic"](#).

Is DTC detected?

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

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B1022 OCCUPANT SYSTEM CONTROL UNIT

< DTC/CIRCUIT DIAGNOSIS >

B1022 OCCUPANT SYSTEM CONTROL UNIT

DTC Logic

INFOID:000000008142446

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1022	OCCUPANT SENS C/U [COMM FAIL]	- Internal malfunction of Occupant Classification System control unit - Malfunction of circuit between Occupant Classification System control unit and Air bag diagnosis sensor unit - Malfunction of Air bag diagnosis sensor unit	- Harness or connectors - Malfunction in Occupant Classification System control unit - Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓟ With CONSULT

- Turn ignition switch ON.
- Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

ⓧ Without CONSULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-36, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142447

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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

- Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-36, "DTC Logic"](#).

Is DTC detected?

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

B1022 OCCUPANT SYSTEM CONTROL UNIT

< DTC/CIRCUIT DIAGNOSIS >

4.CHECK OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace passenger seat cushion assembly. Refer to [SE-84, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-36, "DTC Logic"](#).

Is DTC detected?

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

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B1023 PASSENGER AIR BAG OFF INDICATOR

< DTC/CIRCUIT DIAGNOSIS >

B1023 PASSENGER AIR BAG OFF INDICATOR

DTC Logic

INFOID:000000008142448

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	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	• Harness or connectors • Malfunction in passenger air bag OFF indicator • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-38, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142449

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-38, "DTC Logic"](#).

Is DTC detected?

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

4.CHECK PASSENGER AIR BAG OFF INDICATOR

1. Replace multifunction switch (passenger air bag OFF indicator).

B1023 PASSENGER AIR BAG OFF INDICATOR

< DTC/CIRCUIT DIAGNOSIS >

2. Perform DTC confirmation procedure. Refer to [SRC-38, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR

< DTC/CIRCUIT DIAGNOSIS >

B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR

DTC Logic

INFOID:000000008142450

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1025 B1032 B1048	OCS SENSOR	- Internal malfunction of Occupant Classification System control unit - Malfunction of circuit between Occupant Classification System control unit and Air bag diagnosis sensor unit - Malfunction of Air bag diagnosis sensor unit	- Harness or connectors - Malfunction in Occupant Classification System control unit - Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓟ With CONSULT

- Turn ignition switch ON.
- Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

ⓧ Without CONSULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-40, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142451

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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

- Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-40, "DTC Logic"](#).

Is DTC detected?

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

B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR

< DTC/CIRCUIT DIAGNOSIS >

4.CHECK OCCUPANT DETECTION SYSTEM CONTROL UNIT

1. Replace passenger seat cushion assembly. Refer to [SE-84, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-40, "DTC Logic"](#).

Is DTC detected?

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

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000008142452

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-42, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142453

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-42, "DTC Logic"](#).

Is DTC detected?

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

B1033, B1034 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

B1033, B1034 CRASH ZONE SENSOR

DTC Logic

INFOID:000000008142454

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1033 B1034	CRASH ZONE SEN [UNIT FAIL]	Crash zone sensor is malfunctioning	• Harness or connectors • Malfunction in crash zone sensor • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

 With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142455

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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 CRASH ZONE SENSOR

1. Replace crash zone sensor. Refer to [SR-22, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-43, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-43, "DTC Logic"](#).

Is DTC detected?

B1033, B1034 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

B1035 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

B1035 CRASH ZONE SENSOR

DTC Logic

INFOID:000000008142456

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1035	CRASH ZONE SEN [COMM FAIL]	Crash zone sensor is malfunctioning or out of the specified specification	• Harness or connectors • Malfunction in crash zone sensor • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142457

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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 CRASH ZONE SENSOR

1. Replace crash zone sensor. Refer to [SR-22, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-45, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-45, "DTC Logic"](#).

Is DTC detected?

B1035 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

B1036 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

B1036 CRASH ZONE SENSOR

DTC Logic

INFOID:000000008142458

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142459

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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 CRASH ZONE SENSOR

1. Replace crash zone sensor. Refer to [SR-22, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-47, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-47, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1036 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1037, B1039, B1041 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

B1037, B1039, B1041 CRASH ZONE SENSOR

DTC Logic

INFOID:000000008142460

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1037 B1039 B1041	CRASH ZONE SENS1	Crash zone sensor is malfunctioning	- Malfunction in crash zone sensor - Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT

- Turn ignition switch ON.
- Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142461

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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 CRASH ZONE SENSOR

- Replace crash zone sensor. Refer to [SR-22, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-49, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

- Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-49, "DTC Logic"](#).

Is DTC detected?

B1037, B1039, B1041 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000008142462

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142463

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-51, "DTC Logic"](#).

Is DTC detected?

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

B1049, B1054 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

B1049, B1054 DRIVER AIR BAG MODULE

DTC Logic

INFOID:000000008142464

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1049 B1054	DRIVER AIRBAG MODULE [OPEN]	Driver air bag module circuit is open (including the spiral cable)	• Harness or connectors (The module circuit is 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

① With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

② Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-52, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142465

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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 harness connector and combination switch (spiral cable) harness connector.
3. Check continuity between driver air bag module harness connector and combination switch (spiral cable) harness connector.

B1049, B1054 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M301	10	M32	28	Existed
	11		30	
M300	12		29	
	9		30	

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

Driver side air bag module			Continuity
Connector	Terminal		
M301	10	Ground	Not existed
	11		
M300	12		
	9		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-14, "Removal and Installation"](#).

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-52, "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-11, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-52, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1050, B1055 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

B1050, B1055 DRIVER AIR BAG MODULE

DTC Logic

INFOID:000000008142466

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	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)	• Harness or connectors (The module circuit is shorted.) • 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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-54, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142467

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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.REPLACE SPIRAL CABLE

1. Replace combination switch (spiral cable). Refer to [SR-14, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-54, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-54, "DTC Logic"](#).

B1050, B1055 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

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-11, "Removal and Installation"](#).
- 2. Perform DTC confirmation procedure. Refer to [SRC-54, "DTC Logic"](#).

Is DTC detected?

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

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B1051, B1056 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

B1051, B1056 DRIVER AIR BAG MODULE

DTC Logic

INFOID:000000008142468

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	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)	• Harness or connectors (The module circuit is shorted.) • 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

① With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

② Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-56, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142469

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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 harness connector and combination switch (spiral cable) harness connector.
3. Check continuity between driver air bag module harness connector and combination switch (spiral cable) harness connector.

B1051, B1056 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	
M301	10	M32	28	Existed
	11		30	
M300	12		29	
	9		30	

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

Driver side air bag module			Continuity
Connector	Terminal		
M301	10	Ground	Not existed
	11		
M300	12		
	9		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-14, "Removal and Installation"](#).

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-56, "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-11, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-56, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1052, B1057 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

B1052, B1057 DRIVER AIR BAG MODULE

DTC Logic

INFOID:000000008142470

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	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)	• Harness or connectors (The module circuit is shorted.) • 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

① With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

② Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-58, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142471

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-I

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

B1052, B1057 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

Combination switch (spiral cable)				Continuity
Connector	Terminal	Connector	Terminal	
M301	10	M301	11	Not existed
		M300	9	
			12	

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-14, "Removal and Installation"](#).

4.CHECK SPIRAL CABLE CIRCUIT-II

Check continuity between combination switch (spiral cable) terminals.

Combination switch (spiral cable)			Continuity
Connector	Terminal	Terminal	
M32	28	29	Not existed
		30	

Is the inspection result normal?

YES >> GO TO 5.

NO >> Replace combination switch (spiral cable). Refer to [SR-14, "Removal and Installation"](#).

5.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-58, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 6.

NO >> INSPECTION END

6.REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to [SR-11, "Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-58, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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SRC

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000008142472

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-60, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142473

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-60, "DTC Logic"](#).

Is DTC detected?

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

B1065, B1070 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

B1065, B1070 PASSENGER AIR BAG MODULE

DTC Logic

INFOID:000000008142474

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1065 B1070	ASSIST A/B MODULE [OPEN]	Passenger air bag module circuit is open	• Harness or connectors (The module circuit is open.) • Malfunction in passenger air bag module • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

 With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142475

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-61, "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-18, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-61, "DTC Logic"](#).

B1065, B1070 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1066, B1071 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

B1066, B1071 PASSENGER AIR BAG MODULE

DTC Logic

INFOID:000000008142476

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1066 B1071	ASSIST A/B MODULE [VB-SHORT]	Passenger air bag module circuit is shorted to power supply circuit	• Harness or connectors (The module circuit is shorted.) • Malfunction in passenger air bag module • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

 With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142477

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-63, "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-18, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-63, "DTC Logic"](#).

B1066, B1071 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1067, B1072 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

B1067, B1072 PASSENGER AIR BAG MODULE

DTC Logic

INFOID:000000008142478

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1067 B1072	ASSIST A/B MODULE [GND-SHORT]	Passenger air bag module circuit is shorted to ground	• Harness or connectors (The module circuit is shorted.) • Malfunction in passenger air bag module • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

 With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142479

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-65, "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-18, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-65, "DTC Logic"](#).

B1067, B1072 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1068, B1073 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

B1068, B1073 PASSENGER AIR BAG MODULE

DTC Logic

INFOID:000000008142480

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1068 B1073	ASSIST A/B MODULE [SHORT]	Passenger air bag module circuits are shorted to each other	• Harness or connectors (The module circuit is shorted.) • Malfunction in passenger air bag module • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

 With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142481

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-67, "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-18, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-67, "DTC Logic"](#).

B1068, B1073 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000008142482

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142483

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
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

< DTC/CIRCUIT DIAGNOSIS >

B1080, B1096 DRIVER AIR BAG MODULE

DTC Logic

INFOID:000000008142484

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	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)	• Harness or connectors (The module circuit is shorted.) • 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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-70, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142485

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-I

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

B1080, B1096 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

Combination switch (spiral cable)				Continuity
Connector	Terminal	Connector	Terminal	
M319	10	M319	11	Not existed
		M320	9	
			12	

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to [SR-14, "Removal and Installation"](#).

4.CHECK SPIRAL CABLE CIRCUIT-II

Check continuity between combination switch (spiral cable) terminals.

Combination switch (spiral cable)			Continuity
Connector	Terminal	Terminal	
M35	28	29	Not existed
		30	

Is the inspection result normal?

YES >> GO TO 5.

NO >> Replace combination switch (spiral cable). Refer to [SR-14, "Removal and Installation"](#).

5.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-70, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 6.

NO >> INSPECTION END

6.REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to [SR-11, "Removal and Installation"](#).

2. Perform DTC confirmation procedure. Refer to [SRC-70, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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SRC

B1081 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

B1081 SEAT BELT PRE-TENSIONER RH

DTC Logic

INFOID:000000008142486

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1081	PRE-TEN FRONT RH [OPEN]	Seat belt pre-tensioner RH circuit is open	• Harness or connectors (The pre-tensioner circuit is 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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-72, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142487

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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 SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SR-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-72, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-72, "DTC Logic"](#).

B1081 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1082 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

B1082 SEAT BELT PRE-TENSIONER RH

DTC Logic

INFOID:000000008142488

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1082	PRE-TEN FRONT RH [VB-SHORT]	Seat belt pre-tensioner RH circuit is shorted to power supply circuit	• Harness or connectors (The pre-tensioner circuit is shorted.) • Malfunction in seat belt pre-tensioner RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-74, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142489

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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 SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SR-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-74, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-74, "DTC Logic"](#).

B1082 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1083 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

B1083 SEAT BELT PRE-TENSIONER RH

DTC Logic

INFOID:000000008142490

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1083	PRE-TEN FRONT RH [GND-SHORT]	Seat belt pre-tensioner RH circuit is shorted to ground	• Harness or connectors (The pre-tensioner circuit is shorted.) • Malfunction in seat belt pre-tensioner RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-76, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142491

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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 SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SR-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-76, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-76, "DTC Logic"](#).

B1083 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1084 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

B1084 SEAT BELT PRE-TENSIONER RH

DTC Logic

INFOID:000000008142492

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1084	PRE-TEN FRONT RH [SHORT]	Seat belt pre-tensioner RH circuits are shorted to each other	• Harness or connectors (The pre-tensioner circuit is shorted.) • Malfunction in seat belt pre-tensioner RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-78, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142493

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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 SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner RH. Refer to [SR-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-78, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-78, "DTC Logic"](#).

B1084 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1086 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1086 SEAT BELT PRE-TENSIONER LH

DTC Logic

INFOID:000000008142494

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1086	PRE-TEN FRONT LH [OPEN]	Seat belt pre-tensioner LH circuit is open	• Harness or connectors (The pre-tensioner circuit is 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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-80, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142495

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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 SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SR-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-80, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-80, "DTC Logic"](#).

B1086 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

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

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B1087 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1087 SEAT BELT PRE-TENSIONER LH

DTC Logic

INFOID:000000008142496

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1087	PRE-TEN FRONT LH [VB-SHORT]	Seat belt pre-tensioner LH circuit is shorted to power supply circuit	• Harness or connectors (The pre-tensioner circuit is shorted.) • Malfunction in seat belt pre-tensioner LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-82, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142497

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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 SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SR-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-82, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-82, "DTC Logic"](#).

B1087 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1088 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1088 SEAT BELT PRE-TENSIONER LH

DTC Logic

INFOID:000000008142498

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1088	PRE-TEN FRONT LH [GND-SHORT]	Seat belt pre-tensioner LH circuit is shorted to ground	• Harness or connectors (The pre-tensioner circuit is shorted.) • Malfunction in seat belt pre-tensioner LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-84, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142499

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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 SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SR-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-84, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-84, "DTC Logic"](#).

B1088 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

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

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B1089 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1089 SEAT BELT PRE-TENSIONER LH

DTC Logic

INFOID:000000008142500

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1089	PRE-TEN FRONT LH [SHORT]	Seat belt pre-tensioner LH circuits are shorted to each other	• Harness or connectors (The pre-tensioner circuit is shorted.) • Malfunction in seat belt pre-tensioner LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-86, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142501

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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 SEAT BELT PRE-TENSIONER

1. Replace seat belt pre-tensioner LH. Refer to [SR-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-86, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-86, "DTC Logic"](#).

B1089 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

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

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SRC

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000008142502

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-88, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142503

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-88, "DTC Logic"](#).

Is DTC detected?

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

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000008142504

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142505

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-89, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1113, B1114 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

B1113, B1114 SATELLITE SENSOR RH

DTC Logic

INFOID:000000008142506

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1113 B1114	SATELLITE SENS RH [UNIT FAIL]	Satellite sensor RH is malfunctioning	• Harness or connectors • Malfunction in satellite sensor RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓜ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-90, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142507

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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 SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-90, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-90, "DTC Logic"](#).

Is DTC detected?

B1113, B1114 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

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B1115 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

B1115 SATELLITE SENSOR RH

DTC Logic

INFOID:000000008142508

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1115	SATELLITE SENS RH [COMM FAIL]	Satellite sensor RH is malfunctioning or out of the specified specification	• Harness or connectors • Malfunction in satellite sensor RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-92, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142509

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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 SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-92, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-92, "DTC Logic"](#).

Is DTC detected?

B1115 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

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

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B1116 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

B1116 SATELLITE SENSOR RH

DTC Logic

INFOID:000000008142510

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-94, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142511

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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 SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-94, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-94, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1116 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

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SRC

B1118, B1119 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

B1118, B1119 SATELLITE SENSOR LH

DTC Logic

INFOID:000000008142512

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1118 B1119	SATELLITE SENS LH [UNIT FAIL]	Satellite sensor LH is malfunctioning	• Harness or connectors • Malfunction in satellite sensor LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

④ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

⊗ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-96, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142513

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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 SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-96, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-96, "DTC Logic"](#).

Is DTC detected?

B1118, B1119 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

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B1120 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

B1120 SATELLITE SENSOR LH

DTC Logic

INFOID:000000008142514

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1120	SATELLITE SENS LH [COMM FAIL]	Satellite sensor LH is malfunctioning or out of the specified specification	• Harness or connectors • Malfunction in satellite sensor LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-98, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142515

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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 SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-98, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-98, "DTC Logic"](#).

Is DTC detected?

B1120 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

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

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SRC
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O
P

B1121 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

B1121 SATELLITE SENSOR LH

DTC Logic

INFOID:000000008142516

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-100, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142517

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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 SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-100, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-100, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

B1121 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

- A
- B
- C
- D
- E
- F
- G
- SRC
- I
- J
- K
- L
- M
- N
- O
- P

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000008142518

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-102, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142519

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-102, "DTC Logic"](#).

Is DTC detected?

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

B1129 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1129 SIDE AIR BAG MODULE RH

DTC Logic

INFOID:000000008142520

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1129	SIDE MODULE RH [OPEN]	Side air bag module RH circuit is open	• Harness or connectors (The module circuit is 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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. [SRC-12, "On Board Diagnosis Function"](#)

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:000000008142521

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
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-85, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-103, "DTC Logic"](#).

B1129 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1130 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1130 SIDE AIR BAG MODULE RH

DTC Logic

INFOID:000000008142522

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1130	SIDE MODULE RH [VB-SHORT]	Side air bag module RH circuit is shorted to power supply circuit	• Harness or connectors (The module circuit is shorted.) • Malfunction in side air bag module RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

 With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142523

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
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-85, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-105, "DTC Logic"](#).

B1130 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1131 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1131 SIDE AIR BAG MODULE RH

DTC Logic

INFOID:000000008142524

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1131	SIDE MODULE RH [GND-SHORT]	Side air bag module RH circuit is shorted to ground	• Harness or connectors (The module circuit is shorted.) • Malfunction in side air bag module RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

 With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142525

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
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-85, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-107, "DTC Logic"](#).

B1131 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1132 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1132 SIDE AIR BAG MODULE RH

DTC Logic

INFOID:000000008142526

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1132	SIDE MODULE RH [SHORT]	Side air bag module RH circuits are shorted to each other	• Harness or connectors (The module circuit is shorted.) • Malfunction in side air bag module RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

 With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142527

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
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-85, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-109, "DTC Logic"](#).

B1132 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1134 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1134 SIDE AIR BAG MODULE LH

DTC Logic

INFOID:000000008142528

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1134	SIDE MODULE LH [OPEN]	Side air bag module LH circuit is open	• Harness or connectors (The module circuit is 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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142529

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
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-85, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-111, "DTC Logic"](#).

B1134 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1135 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1135 SIDE AIR BAG MODULE LH

DTC Logic

INFOID:000000008142530

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1135	SIDE MODULE LH [VB-SHORT]	Side air bag module LH circuit is shorted to power supply circuit	• Harness or connectors (The module circuit is shorted.) • Malfunction in side air bag module LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

 With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142531

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
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-85, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-113, "DTC Logic"](#).

B1135 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1136 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1136 SIDE AIR BAG MODULE LH

DTC Logic

INFOID:000000008142532

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1136	SIDE MODULE LH [GND-SHORT]	Side air bag module LH circuit is shorted to ground	• Harness or connectors (The module circuit is shorted.) • Malfunction in side air bag module LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

 With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142533

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
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-85, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-115, "DTC Logic"](#).

B1136 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1137 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1137 SIDE AIR BAG MODULE LH

DTC Logic

INFOID:000000008142534

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1137	SIDE MODULE LH [SHORT]	Side air bag module LH circuits are shorted to each other	• Harness or connectors (The module circuit is shorted.) • Malfunction in side air bag module LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

 With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142535

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
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-85, "SEATBACK : Disassembly and Assembly"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-117, "DTC Logic"](#).

B1137 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000008142536

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142537

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
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

< DTC/CIRCUIT DIAGNOSIS >

B1144 DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000008142538

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	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

- Turn ignition switch ON.
- Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

ⓧ Without CONSULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-120, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142539

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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

- Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-120, "DTC Logic"](#).

Is DTC detected?

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

B1145 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1145 CURTAIN AIR BAG MODULE RH

DTC Logic

INFOID:000000008142540

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1145	CURTAIN MODULE RH [OPEN]	Curtain air bag module RH circuit is open	• Harness or connectors (The module circuit is 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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142541

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-121, "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-20, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-121, "DTC Logic"](#).

B1145 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1146 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1146 CURTAIN AIR BAG MODULE RH

DTC Logic

INFOID:000000008142542

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1146	CURTAIN MODULE RH [VB-SHORT]	Curtain air bag module RH circuit is shorted to power supply circuit	• Harness or connectors (The module circuit is shorted.) • Malfunction in curtain air bag module RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

 With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-123, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142543

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-123, "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-20, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-123, "DTC Logic"](#).

B1146 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1147 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1147 CURTAIN AIR BAG MODULE RH

DTC Logic

INFOID:000000008142544

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1147	CURTAIN MODULE RH [GND-SHORT]	Curtain air bag module RH circuit is shorted to ground	• Harness or connectors (The module circuit is shorted.) • Malfunction in curtain air bag module RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

☐ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

⊗ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-125, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142545

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-125, "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-20, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-125, "DTC Logic"](#).

B1147 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1148 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1148 CURTAIN AIR BAG MODULE RH

DTC Logic

INFOID:000000008142546

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1148	CURTAIN MODULE RH [SHORT]	Curtain air bag module RH circuits are shorted to each other	• Harness or connectors (The module circuit is shorted.) • Malfunction in curtain air bag module RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

 With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-127, "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142547

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-127, "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-20, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-127, "DTC Logic"](#).

B1148 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1150 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1150 CURTAIN AIR BAG MODULE LH

DTC Logic

INFOID:000000008142548

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1150	CURTAIN MODULE LH [OPEN]	Curtain air bag module LH circuit is open	• Harness or connectors (The module circuit is 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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-129, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142549

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-129, "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-20, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-129, "DTC Logic"](#).

B1150 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1151 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1151 CURTAIN AIR BAG MODULE LH

DTC Logic

INFOID:000000008142550

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1151	CURTAIN MODULE LH [VB-SHORT]	Curtain air bag module LH circuit is shorted to power supply circuit	• Harness or connectors (The module circuit is shorted.) • Malfunction in curtain air bag module LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

☐ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

⊗ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-131, "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142551

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-131, "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-20, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-131, "DTC Logic"](#).

B1151 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1152 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1152 CURTAIN AIR BAG MODULE LH

DTC Logic

INFOID:000000008142552

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1152	CURTAIN MODULE LH [GND-SHORT]	Curtain air bag module LH circuit is shorted to ground	• Harness or connectors (The module circuit is shorted.) • Malfunction in curtain air bag module LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

 With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-133, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142553

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-133, "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-20, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-133, "DTC Logic"](#).

B1152 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1153 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1153 CURTAIN AIR BAG MODULE LH

DTC Logic

INFOID:000000008142554

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1153	CURTAIN MODULE LH [SHORT]	Curtain air bag module LH circuits are shorted to each other	• Harness or connectors (The module circuit is shorted.) • Malfunction in curtain air bag module LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

 With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-135, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142555

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-135, "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-20, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-135, "DTC Logic"](#).

B1153 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1154, B1155, B1156, B1157, B1158, B1159 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

B1154, B1155, B1156, B1157, B1158, B1159 DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000008142556

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

☒ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-137, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142557

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-137, "DTC Logic"](#).

Is DTC detected?

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

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000008142558

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142559

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-138, "DTC Logic"](#).

Is DTC detected?

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

B1182 LAP PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1182 LAP PRE-TENSIONER LH

DTC Logic

INFOID:000000008142560

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1182	PRE-TEN2 FRONT LH [OPEN]	Lap pre-tensioner LH circuit is open	• Harness or connectors (The pre-tensioner circuit is open.) • Malfunction in lap pre-tensioner LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAGNOSTIC RESULT

 With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-139, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142561

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal and wait at least 3 minutes. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness 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 LAP PRE-TENSIONER LH

1. Replace lap pre-tensioner LH. Refer to [SR-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-139, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-139, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

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SRC

B1182 LAP PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1183 LAP PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1183 LAP PRE-TENSIONER LH

DTC Logic

INFOID:000000008142562

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1183	PRE-TEN2 FRONT LH [VB-SHORT]	Lap pre-tensioner LH circuit is shorted to some power supply circuit	• Harness or connectors (The pre-tensioner circuit is shorted.) • Malfunction in lap pre-tensioner LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAGNOSTIC RESULT

 With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-141, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142563

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal and wait at least 3 minutes. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness 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 LAP PRE-TENSIONER LH

1. Replace lap pre-tensioner LH. Refer to [SR-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-141, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-141, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

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B1183 LAP PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1184 LAP PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1184 LAP PRE-TENSIONER LH

DTC Logic

INFOID:000000008142564

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1184	PRE-TEN2 FRONT LH [GND-SHORT]	Lap pre-tensioner LH circuit is shorted to ground	• Harness or connectors (The pre-tensioner circuit is shorted.) • Malfunction in lap pre-tensioner LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAGNOSTIC RESULT

Ⓜ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-143, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142565

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal and wait at least 3 minutes. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness 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 LAP PRE-TENSIONER LH

1. Replace lap pre-tensioner LH. Refer to [SR-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-143, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-143, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

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SRC

B1184 LAP PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1185 LAP PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1185 LAP PRE-TENSIONER LH

DTC Logic

INFOID:000000008142566

DTC No.	Trouble diagnosis name	DTC detecting condition	Possible cause
B1185	PRE-TEN2 FRONT LH [SHORT]	Lap pre-tensioner LH circuit are shorted to each other	• Harness or connectors (The pre-tensioner circuit is shorted.) • Malfunction in lap pre-tensioner LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAGNOSTIC RESULT

Ⓜ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-145, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142567

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal and wait at least 3 minutes. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
NO >> Replace harness 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 LAP PRE-TENSIONER LH

1. Replace lap pre-tensioner LH. Refer to [SR-28, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-145, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-145, "DTC Logic"](#).

Is DTC detected?

- YES >> GO TO 1.

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B1185 LAP PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1186, B1187, B1188, B1189, B1190, B1191 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

B1186, B1187, B1188, B1189, B1190, B1191 DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000008142568

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

☒ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142569

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-147, "DTC Logic"](#).

Is DTC detected?

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

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000008142570

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142571

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-148, "DTC Logic"](#).

Is DTC detected?

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

B1209 FRONTAL COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

B1209 FRONTAL COLLISION DETECTION

Description

INFOID:000000008142572

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:000000008142573

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142574

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1.PERFORM COLLISION DIAGNOSIS

Perform collision diagnosis.Refer to [SR-5, "FOR FRONTAL COLLISION : When SRS is activated in a collision"](#) or [SR-6, "FOR FRONTAL COLLISION : When SRS is not activated in a collision"](#).

>> GO TO 2.

2.FINAL INSPECTION

Perform "AIR BAG" Self Diagnostic Result.

Is the inspection result normal?

- YES >> INSPECTION END
NO >> Perform diagnosis of applicable DTC.Refer to [SRC-18, "DTC Index"](#).

B1210 SIDE COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

B1210 SIDE COLLISION DETECTION

Description

INFOID:000000008142575

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:000000008142576

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-150, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142577

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1.PERFORM COLLISION DIAGNOSIS

Perform collision diagnosis.Refer to [SR-7, "FOR SIDE AND ROLLOVER COLLISION : When SRS is activated in a collision"](#) or [SR-8, "FOR SIDE AND ROLLOVER COLLISION : When SRS is not activated in a collision"](#).

Is collision diagnosis complete?

>> GO TO 2.

2.FINAL INSPECTION

Perform "AIR BAG" Self Diagnostic Result.

Is the inspection result normal?

- YES >> INSPECTION END
NO >> Perform diagnosis of applicable DTC.Refer to [SRC-18, "DTC Index"](#).

B1212, B1213, B1214 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

B1212, B1213, B1214 SATELLITE SENSOR RH

DTC Logic

INFOID:000000008142578

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1212 B1213 B1214	RH1 SAT-SENS	Satellite sensor RH is malfunctioning	• Harness or connectors • Malfunction in satellite sensor RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

 With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142579

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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 SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-151, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-151, "DTC Logic"](#).

Is DTC detected?

B1212, B1213, B1214 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

B1215, B1216, B1217 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

B1215, B1216, B1217 SATELLITE SENSOR LH

DTC Logic

INFOID:000000008142580

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1215 B1216 B1217	LH1 SAT-SENS	Satellite sensor LH is malfunctioning	• Harness or connectors • Malfunction in satellite sensor LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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:000000008142581

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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 SATELLITE SENSOR

1. Replace satellite sensor LH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-153, "DTC Logic"](#)

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-153, "DTC Logic"](#).

Is DTC detected?

B1215, B1216, B1217 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

YES >> GO TO 1.

NO >> INSPECTION END

B1218, B1219, B1220, B1221, B1222, B1223 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

B1218, B1219, B1220, B1221, B1222, B1223 DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000008142582

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-155, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142583

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-155, "DTC Logic"](#).

Is DTC detected?

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

B1234, B1235, B1236, B1237, B1238, B1239 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

B1234, B1235, B1236, B1237, B1238, B1239 DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000008142584

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1234 B1235 B1236 B1237 B1238 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

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-157, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142585

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-157, "DTC Logic"](#).

Is DTC detected?

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

B1250, B1251, B1252, B1253, B1254, B1255 DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

B1250, B1251, B1252, B1253, B1254, B1255 DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000008142586

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1250 B1251 B1252 B1253 B1254 B1255	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

- Turn ignition switch ON.
- Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-157, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142587

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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

- Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-157, "DTC Logic"](#).

Is DTC detected?

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

B1336, B1337 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

B1336, B1337 SATELLITE SENSOR RH

DTC Logic

INFOID:000000008142588

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1336 B1337	FR-RH DOOR SATEL SENS [SENSOR MALFUNCTION]	Front door satellite sensor RH is malfunctioning	• Harness or connectors • Malfunction in front door satellite sensor RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-158, "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142589

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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 FRONT DOOR SATELLITE SENSOR

1. Replace front door satellite sensor RH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-158, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-158, "DTC Logic"](#).

B1336, B1337 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

DTC Logic

INFOID:000000008142590

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1338 B1340 B1341 B1342	FR-RH DOOR SATEL SENS [COMM MALFUNC- TION]	Front door satellite sensor RH is malfunctioning	• Harness or connectors • Malfunction in front door satellite sensor RH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓟ With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

ⓧ Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-160, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142591

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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 FRONT DOOR SATELLITE SENSOR

1. Replace front door satellite sensor RH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-160, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-160, "DTC Logic"](#).

B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1339 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

B1339 SATELLITE SENSOR RH

DTC Logic

INFOID:000000008142592

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1339	FR-RH DOOR SATEL SENS [MIS-INSTALLATION]	Front door satellite sensor RH is out of the specified specification	Diagnosis sensor unit or front door satellite sensor RH is different from the part specified

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to [SRC-162, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142593

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1.REPLACE FRONT DOOR SATELLITE SENSOR

1. Replace front door satellite sensor RH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-162, "DTC Logic"](#).

Is DTC detected?

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

2.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-162, "DTC Logic"](#).

Is DTC detected?

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

B1343, B1344 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

B1343, B1344 SATELLITE SENSOR LH

DTC Logic

INFOID:000000008142594

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1343 B1344	FR-LH DOOR SATEL SENS [SENSOR MALFUNCTION]	Front door satellite sensor LH is malfunctioning	• Harness or connectors • Malfunction in front door satellite sensor LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

 With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-163, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142595

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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 FRONT DOOR SATELLITE SENSOR

1. Replace front door satellite sensor LH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-163, "DTC Logic"](#).

Is DTC detected?

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

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-163, "DTC Logic"](#).

B1343, B1344 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1345, B1347, B1348, B1349 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

B1345, B1347, B1348, B1349 SATELLITE SENSOR LH

DTC Logic

INFOID:000000008142596

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1345 B1347 B1348 B1349	FR-LH DOOR SATEL SENS [COMM MALFUNCTION]	Front door satellite sensor LH is malfunctioning	• Harness or connectors • Malfunction in front door satellite sensor LH • Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

 With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-168, "Diagnosis Procedure"](#).

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142597

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V 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 SATELLITE SENSOR

1. Replace front door satellite sensor LH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-168, "DTC Logic"](#).

Is DTC detected?

YES >> GO TO 4.

NO >> INSPECTION END

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-168, "DTC Logic"](#).

B1345, B1347, B1348, B1349 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1346 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

B1346 SATELLITE SENSOR LH

DTC Logic

INFOID:000000008142598

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1346	FR-LH DOOR SATEL SENS [MIS-INSTALLATION]	Front door satellite sensor LH is out of the specified specification	Diagnosis sensor unit or front door satellite sensor LH is different from the part specified

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

 With CONSULT

1. Turn ignition switch ON.
2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

 Without CONSULT

1. Turn ignition switch ON.
2. Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-167, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142599

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1.REPLACE FRONT DOOR SATELLITE SENSOR

1. Replace front door satellite sensor LH. Refer to [SR-24, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-167, "DTC Logic"](#).

Is DTC detected?

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

2.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
2. Perform DTC confirmation procedure. Refer to [SRC-167, "DTC Logic"](#).

Is DTC detected?

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

B1350 SATELLITE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

B1350 SATELLITE SENSOR

DTC Logic

INFOID:000000008142600

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1350	FR DOOR SATEL SENS	Front door satellite sensor is malfunctioning or out of the specified specification	- Malfunction in front door satellite sensor LH/RH - Malfunction in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

Ⓟ With CONSULT

- Turn ignition switch ON.
- Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

ⓧ Without CONSULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to [SRC-12, "On Board Diagnosis Function"](#).

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-168, "Diagnosis Procedure"](#).
NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000008142601

WARNING:

Always observe the following items for preventing accidental activation.

- Before servicing, turn ignition switch OFF, disconnect 12V battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1.REPLACE BOTH OF FRONT DOOR SATELLITE SENSOR

- Replace both of front door satellite sensor. Refer to [SR-24, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-168, "DTC Logic"](#).

Is DTC detected?

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

2.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

- Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).
- Perform DTC confirmation procedure. Refer to [SRC-168, "DTC Logic"](#).

Is DTC detected?

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

SRS AIR BAG WARNING LAMP DOES NOT TURN OFF

< SYMPTOM DIAGNOSIS >

SYMPTOM DIAGNOSIS

SRS AIR BAG WARNING LAMP DOES NOT TURN OFF

Diagnosis Procedure

INFOID:000000008142602

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 10 A 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-26, "Removal and Installation"](#).
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-81, "Removal and Installation"](#).
2. Check air bag warning lamp operation.

Is the inspection result normal?

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

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SRS AIR BAG WARNING LAMP DOES NOT TURN ON

< SYMPTOM DIAGNOSIS >

SRS AIR BAG WARNING LAMP DOES NOT TURN ON

Diagnosis Procedure

INFOID:000000008142603

1.CHECK COMBINATION METER POWER SUPPLY AND GROUND CIRCUIT

Check combination meter unit power supply and ground circuit. Refer to [MWI-64, "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-26, "Removal and Installation"](#).

NO >> Replace combination meter. Refer to [MWI-81, "Removal and Installation"](#).

SRS AIR BAG WARNING LAMP BLINKS

< SYMPTOM DIAGNOSIS >

SRS AIR BAG WARNING LAMP BLINKS

Diagnosis Procedure

INFOID:000000008142604

1.CHECK 12V BATTERY

Check 12V battery. Refer to [PG-135, "How to Handle 12V Battery"](#).

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace malfunctioning parts.

2.REPLACE OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace occupant classification system control unit. Refer to [SE-87, "SEAT CUSHION : Disassembly and Assembly"](#).

2. Check air bag warning lamp operation.

Is the inspection result normal?

YES >> INSPECTION END

NO >> GO TO 3.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to [SR-26, "Removal and Installation"](#).

2. Check air bag warning lamp operation.

Is the inspection result normal?

YES >> INSPECTION END

NO >> GO TO 1.

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