SRS AIRBAG CONTROL SYSTEM

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< PRECAUTION > PRECAUTION PRECAUTIONS

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

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.

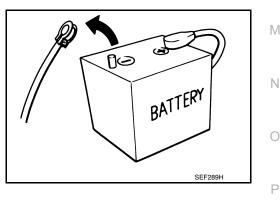
- When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the ignition ON or engine running, never use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious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

Precautions for Removing Battery Terminal

When disconnecting the battery terminal, pay attention to the following.

- Always use a 12V battery as power source.
- Never disconnect battery terminal while engine is running.
- When removing the 12V battery terminal, turn OFF the ignition switch and wait at least 30 seconds.
- For vehicles with the engine listed below, remove the battery terminal after a lapse of the specified time:

D4D engine	: 20 minutes	YS23DDT
HRA2DDT	: 12 minutes	YS23DDTT
K9K engine	: 4 minutes	ZD30DDTi
M9R engine	: 4 minutes	ZD30DDTT
R9M engine	: 4 minutes	
V9X engine	: 4 minutes	
YD25DDTi	: 2 minutes	



NOTE:

ECU may be active for several tens of seconds after the ignition switch is turned OFF. If the battery terminal is removed before ECU stops, then a DTC detection error or ECU data corruption may occur.

: 4 minutes

: 4 minutes

: 60 seconds

: 60 seconds

 After high-load driving, if the vehicle is equipped with the V9X engine, turn the ignition switch OFF and wait for at least 15 minutes to remove the battery terminal.
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PRECAUTIONS

< PRECAUTION >

- Turbocharger cooling pump may operate in a few minutes after the ignition switch is turned OFF.
- Example of high-load driving
- Driving for 30 minutes or more at 140 km/h (86 MPH) or more.
- Driving for 30 minutes or more on a steep slope.
- For vehicles with the 2-batteries, be sure to connect the main battery and the sub battery before turning ON the ignition switch.

NOTE:

If the ignition switch is turned ON with any one of the terminals of main battery and sub battery disconnected, then DTC may be detected.

After installing the 12V battery, always check "Self Diagnosis Result" of all ECUs and erase DTC.
 NOTE:

The removal of 12V battery may cause a DTC detection error.

Service

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- 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 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.)
- 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

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 Replace occupant classification system control unit and passenger front seat cushion as an assembly. Refer to <u>SE-128, "SEAT CUSHION : Disassembly and Assembly"</u>.

< SYSTEM DESCRIPTION >

SYSTEM DESCRIPTION COMPONENT PARTS

Component Parts Location

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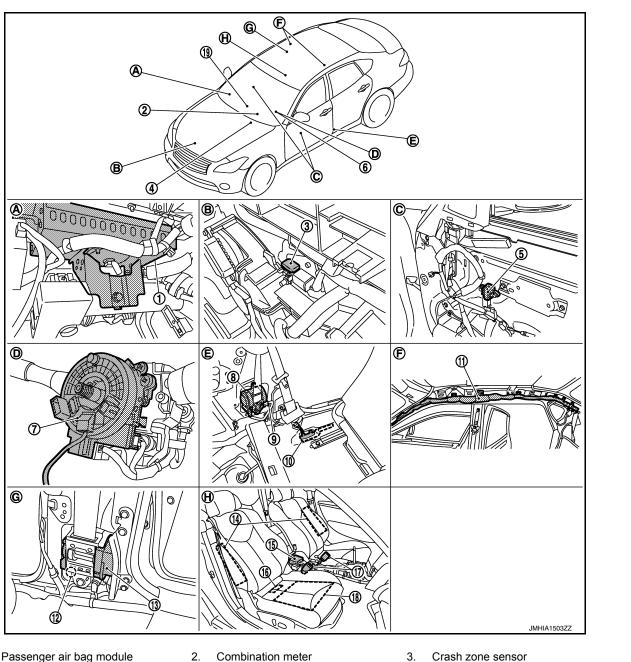
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- Passenger air bag module 1.
- BCM 4. Refer to BCS-5, "BODY CONTROL SYSTEM : Component Parts Location".
- 7. Combination switch (spiral cable)
- 10. Lap pre-tensioner LH
- 13. Seat belt pre-tensioner RH
- 16. Occupant classification system con- 17. Seat belt buckle switch LH/RH trol unit

- Combination meter Refer to MWI-7, "METER SYSTEM : Component Parts Location".
- 5. Front door satellite sensor LH/RH

Seat belt pre-tensioner LH

11. Curtain air bag module LH/RH

14. Side air bag module LH/RH

8.

- 3. Crash zone sensor
- Driver air bag module 6.
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- 9. Satellite sensor LH
- 12. Satellite sensor RH
- 15. Air bag diagnosis sensor unit
- 18. Occupant classification system sensor

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COMPONENT PARTS

< SYSTEM DESCRIPTION >

19. Multifunction switch (passenger air bag off indicator) View with glove box removed

View with steering wheel removed

- Β. Radiator core support assembly
- Ε. Behind rear side finisher
- View with center console assembly
- C. View with door finisher removed
- F. View with headlining assembly removed

Behind rear side finisher G.

Component Description

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Component	Function
Air bag diagnosis sensor unit	 Detects a collision and supplies power supply for deployment to air bag module and pre-tensioner seat belt. 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 col- lision.
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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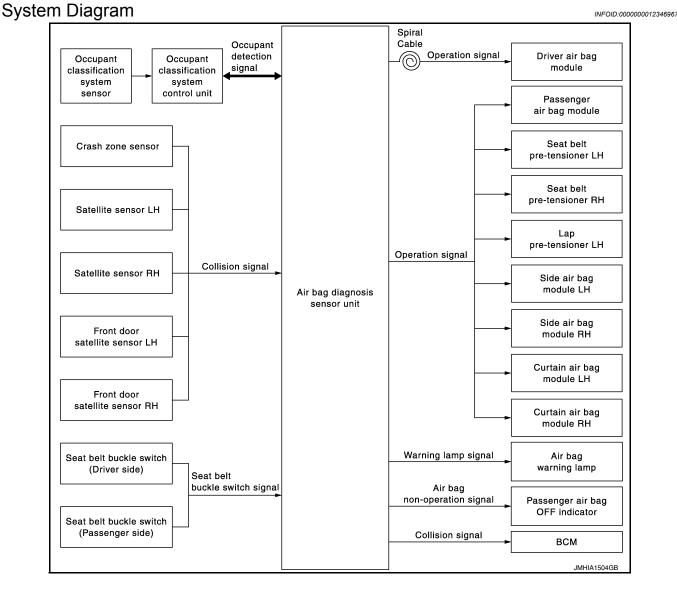
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SYSTEM



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 <u>SBC-8</u>, "<u>PRE-CRASH SEAT BELT SYSTEM</u> : <u>System Description</u>".

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.

ő	5		×: Apply —: Not apply	
SRS configuration	Frontal collision	Left side collision	Right side collision	F
Driver air bag module	×	—	—	
Passenger air bag module	×	—	—	
Seat belt pre-tensioner LH	×	×	—	G
Seat belt pre-tensioner RH	×	—	×	
Lap pre-tensioner LH	×	×	—	SR
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	

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< SYSTEM DESCRIPTION >

DIAGNOSIS SYSTEM (AIR BAG)

Description

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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

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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 3 times 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 >

ir bag warning lamp operation (user mode)	SRS condition	Reference item
DFF 7 sec.	 No malfunction is detected No further action is necessary 	
	 The system is malfunctioning Self diagnostic result is not erased after repair 	Erase "Self Diagnostic Result" Refer to <u>SRC-16, "CONSULT Func-</u> tion"
	Battery voltage is low (less than 9 V)	Check "Cause of Warning Lamp" Refer to <u>SRC-16. "CONSULT Func-</u> tion"
	Malfunction occurs in occupant classifi- cation system	Go to <u>SRC-173, "Diagnosis Proce-</u> dure"
7 sec. 0.5 sec. 0.5 sec.	Intermittent malfunction is detected in the past	Go to GI-45, "Intermittent Incident"
	 Air bag is deployed Seat belt pre-tensioner is deployed	Go to <u>SRC-151, "Diagnosis Proce-</u> dure" or <u>SRC-152, "Diagnosis Pro-</u> cedure"
OFF	 Air bag diagnosis sensor unit is mal- functioning Air bag power supply circuit is mal- functioning Air bag warning lamp circuit is mal- functioning 	Go to <u>SRC-171, "Diagnosis Proce-</u> dure"
IGN ON ON OFF	 Air bag diagnosis sensor unit is mal- functioning Air bag warning lamp circuit is mal- functioning 	Go to <u>SRC-172, "Diagnosis Proce-</u> dure"
SHIA0014E		

DIAGNOSIS MODE

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

How to Read Air Bag Warning Lamp

- 1. Follow the procedures of "PROCEDURE TO CHANGE 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.

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< 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

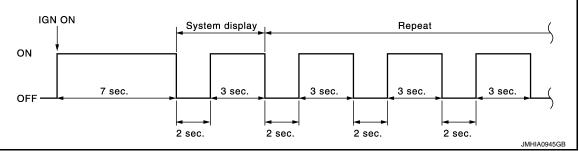
How to Erase Self-diagnostic Result

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.

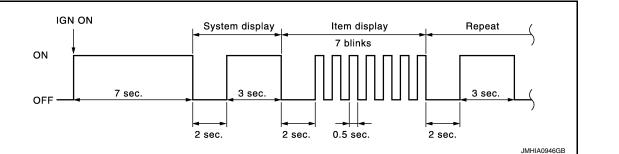


Single System Malfunction

· Front air bag system

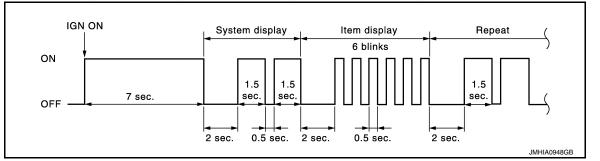
< SYSTEM DESCRIPTION >

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



Side air bag system

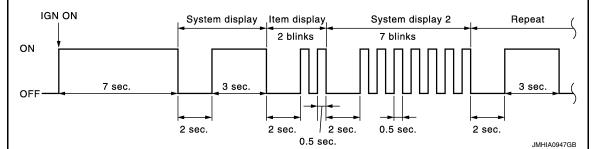
When curtain air bag module LH system (Item display 1) is malfunctioning.



Multiple Systems Malfunction

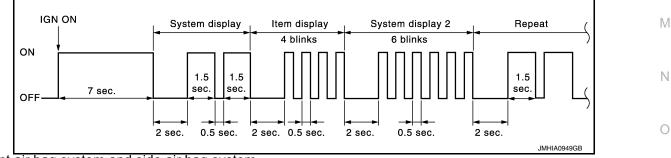
• Front air bag system

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 malfunc-



Front air bag system and side air bag system

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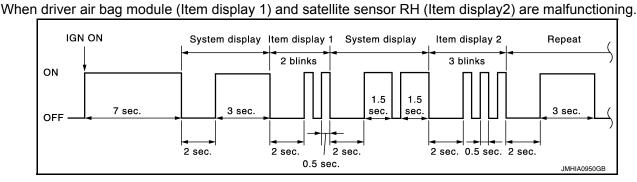
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< SYSTEM DESCRIPTION >



CONSULT Function

INFOID:000000012346971

APPLICATION ITEM

CONSULT performs the following functions.

Diagnosis mode	Description
Ecu Identification	Air bag diagnosis sensor unit ECU discriminated number (identification number) or part number is displayed. Air bag diagnosis sensor unit has individual ECU discriminated number (identification number) or part number based on model and equipment.
Self Diagnostic Result	 Self-diagnosis result is displayed. Refer to <u>SRC-18. "DTC_Index"</u>. "No DTC" is displayed when repair is completed by part replacement or other operations. "SELF-DIAG RESULT [PAST]" 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.
TROUBLE DIAG RECORD	With TROUBLE DIAG RECORD, diagnosis results previously erased by a reset operation can be displayed on CONSULT screen.
SELF-DIAG RESULT [CAN]	This item is displayed, but cannot be supported.
Cause of Warning Lamp	It displays the cause of warning lamp illumination that is not recorded in memory.

CAUSE OF WARNING LAMP

The SRS air bag warning lamp blinks when the ignition voltage is a voltage value (less than 9V) 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 ignition 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).

< SYSTEM DESCRIPTION >

Display item	Display content	Actions by worker
GN 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
LOW VOLT TIME	Total number of times is displayed, summing up the num- ber of times ignition voltage error is detected and the num- ber 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 CON- SULT.)	 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
LOW V RECORED	Number of times ignition switch ON is displayed after igni- tion voltage error or out of detection range of satellite sen- sor in door is detected. (Detection record is erased and counter returns to "0" by "ERASE MEMORY" in "Self-diagnosis results" using CON- SULT.)	that out of detection range of satellite sensor in door is detected.

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ECU DIAGNOSIS INFORMATION DIAGNOSIS SENSOR UNIT

DTC Index

INFOID:000000012346972

DTC	Diagnostic item		Explanation	Reference page
			Low battery voltage (Less than 9 V)	SRC-16, "CON- SULT Function"
		When malfunction is	Malfunction occurs in Occupant Clas- sification System	<u>SRC-173, "Di-</u> agnosis Proce- dure"
_	NO DTC IS DETECTED.	indicated by the "AIR BAG" warning lamp in the user mode	Self-diagnostic result is not erased af- ter repair	SRC-12, "On Board Diagnosis Function", SRC- 16, "CONSULT Function"
			Intermittent malfunction is detected in the past	GI-45, "Intermit- tent Incident"
		No malfunction is detect	cted	_
B1001-B1015	CONTROL UNIT	Air bag diagnosis sens	or unit is malfunctioning	• <u>SRC-38,</u> "DTC Logic" • <u>SRC-39,</u> "DTC Logic" • <u>SRC-40,</u> "DTC Logic"
B1017 B1020 B1021	OCCUPANT SENS C/U [UNIT FAIL]	Malfunction occurs in C unit	Occupant Classification System control	<u>SRC-41, "DTC</u> Logic"
B1018	OCCUPANT SENS [UNIT FAIL]	Malfunction occurs in C	Occupant Classification System sensor	<u>SRC-43, "DTC</u> Logic"
B1022	OCCUPANT SENS C/U [COMM FAIL]		Occupant Classification System control t Classification System control unit, or or unit	<u>SRC-45, "DTC</u> Logic"
B1023	PASS A/B INDCTR CKT	Passenger air bag OFF ground or the circuits a	indicator circuit is open or shorted to re shorted each other	<u>SRC-47, "DTC</u> Logic"
B1025 B1032 B1048	OCS SENSOR		Occupant Classification System control t Classification System control unit, or or unit	<u>SRC-49, "DTC</u> Logic"
B1026-B1031	CONTROL UNIT	Air bag diagnosis sense	or unit is malfunctioning	<u>SRC-51, "DTC</u> Logic"
B1033 B1034	CRASH ZONE SEN [UNIT FAIL]	Crash zone sensor is n	nalfunctioning	<u>SRC-52, "DTC</u> Logic"
B1035	CRASH ZONE SEN [COMM FAIL]	Crash zone sensor is n	nalfunctioning	<u>SRC-54, "DTC</u> Logic"
B1036	CRASH ZONE SEN [UNMATCH]	Crash zone sensor is o	out of the specified specification	<u>SRC-56, "DTC</u> Logic"
B1037 B1039 B1041	CRASH ZONE SENS1	Crash zone sensor is n	nalfunctioning	<u>SRC-57, "DTC</u> Logic"
B1042-B1047	CONTROL UNIT	Air bag diagnosis sens	or unit is malfunctioning	<u>SRC-59, "DTC</u> Logic"
B1049 B1054	DRIVER AIRBAG MODULE [OPEN]	Driver air bag module c	ircuit is open (including the spiral cable)	<u>SRC-60, "DTC</u> Logic"
B1050 B1055	DRIVER AIRBAG MODULE [VB-SHORT]	Driver air bag module of (including the spiral cal	circuit is shorted to power supply circuit ble)	<u>SRC-62, "DTC</u> Logic"

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

DTC	Diagnostic item	Explanation	Reference page	Λ
B1051 B1056	DRIVER AIRBAG MODULE [GND-SHORT]	Driver air bag module circuit is shorted to ground (including the spiral cable)	<u>SRC-64, "DTC</u> Logic"	A
B1052 B1057	DRIVER AIRBAG MODULE [SHORT]	Driver air bag module circuits are shorted to each other (includ- ing spiral cable)	<u>SRC-66, "DTC</u> Logic"	В
B1058-B1063	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<u>SRC-68, "DTC</u> Logic"	
B1065 B1070	ASSIST A/B MODULE [OPEN]	Passenger air bag module circuit is open	<u>SRC-69, "DTC</u> Logic"	С
B1066 B1071	ASSIST A/B MODULE [VB-SHORT]	Passenger air bag module circuit is shorted to power supply circuit	<u>SRC-71, "DTC</u> Logic"	D
B1067 B1072	ASSIST A/B MODULE [GND-SHORT]	Passenger air bag module circuit is shorted to ground	SRC-73, "DTC Logic"	
B1068 B1073	ASSIST A/B MODULE [SHORT]	Passenger air bag module circuits are shorted to each other	SRC-75, "DTC Logic"	E
B1074-B1079	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<u>SRC-77, "DTC</u> Logic"	F
B1080 B1096	DRIVER AIRBAG MODULE [SHORT]	Driver air bag module circuits are shorted to each other (includ- ing spiral cable)	<u>SRC-78, "DTC</u> Logic"	
B1081	PRE-TEN FRONT RH [OPEN]	Front seat belt pre-tensioner RH circuit is open	SRC-80, "DTC Logic"	G
B1082	PRE-TEN FRONT RH [VB-SHORT]	Front seat belt pre-tensioner RH circuit is shorted to power supply circuit	<u>SRC-82, "DTC</u> Logic"	SR
B1083	PRE-TEN FRONT RH [GND-SHORT]	Front seat belt pre-tensioner RH circuit is shorted to ground	<u>SRC-84, "DTC</u> Logic"	
B1084	PRE-TEN FRONT RH [SHORT]	Front seat belt pre-tensioner RH circuits are shorted to each other	<u>SRC-86, "DTC</u> Logic"	I
B1086	PRE-TEN FRONT LH [OPEN]	Front seat belt pre-tensioner LH circuit is open	<u>SRC-88, "DTC</u> Logic"	J
B1087	PRE-TEN FRONT LH [VB-SHORT]	Front seat belt pre-tensioner LH circuit is shorted to power supply circuit	SRC-90, "DTC Logic"	
B1088	PRE-TEN FRONT LH [GND-SHORT]	Front seat belt pre-tensioner LH circuit is shorted to ground	<u>SRC-92, "DTC</u> Logic"	K
B1089	PRE-TEN FRONT LH [SHORT]	Front seat belt pre-tensioner LH circuits are shorted to each other	<u>SRC-94, "DTC</u> Logic"	1
B1090-B1095	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<u>SRC-96, "DTC</u> Logic"	
B1106-B1111	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-97, "DTC Logic"	M
B1113 B1114	SATELLITE SENS RH [UNIT FAIL]	Satellite sensor RH is malfunctioning	<u>SRC-98, "DTC</u> Logic"	N
B1115	SATELLITE SENS RH [COMM FAIL]	Satellite sensor RH is malfunctioning	SRC-100, "DTC Logic"	Ν
B1116	SATELLITE SENS RH [UNMATCH]	Satellite sensor RH is out of the specified specification	SRC-102, "DTC Logic"	0
B1118 B1119	SATELLITE SENS LH [UNIT FAIL]	Satellite sensor LH is malfunctioning	SRC-103, "DTC Logic"	
B1120	SATELLITE SENS LH [COMM FAIL]	Satellite sensor RH is malfunctioning	SRC-105, "DTC Logic"	Ρ
B1121	SATELLITE SENS LH [UNMATCH]	Satellite sensor RH is out of the specified specification	SRC-107, "DTC Logic"	
B1122-B1127	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-108, "DTC Logic"	

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	<u>SRC-109, "DTC</u> Logic"
B1130	SIDE MODULE RH [VB-SHORT]	Side air bag module RH circuit is shorted to power supply cir- cuit	<u>SRC-111, "DTC</u> Logic"
B1131	SIDE MODULE RH [GND-SHORT]	Side air bag module RH circuit is shorted to ground	<u>SRC-113, "DTC</u> Logic"
B1132	SIDE MODULE RH [SHORT]	Front seat belt pre-tensioner RH circuits are shorted to each other	<u>SRC-115, "DTC</u> Logic"
B1134	SIDE MODULE LH [OPEN]	Side air bag module LH circuit is open	<u>SRC-117, "DTC</u> Logic"
B1135	SIDE MODULE LH [VB-SHORT]	Side air bag module LH circuit is shorted to power supply circuit	SRC-119, "DTC Logic"
B1136	SIDE MODULE LH [GND-SHORT]	Side air bag module LH circuit is shorted to ground	<u>SRC-121, "DTC</u> Logic"
B1137	SIDE MODULE LH [SHORT]	Side air bag module LH circuits are shorted to each other	SRC-123, "DTC Logic"
B1138-B1143	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<u>SRC-125, "DTC</u> Logic"
B1144	CONTROL UNIT [MISS INSTALLATION]	Air bag diagnosis sensor unit is malfunctioning or out of the specified specification	<u>SRC-126, "DTC</u> Logic"
B1145	CURTAIN MODULE RH [OPEN]	Curtain air bag module RH circuit is open	<u>SRC-127, "DTC</u> Logic"
B1146	CURTAIN MODULE RH [VB-SHORT]	Curtain air bag module RH circuit is shorted to power supply circuit	<u>SRC-129, "DTC</u> Logic"
B1147	CURTAIN MODULE RH [GND-SHORT]	Curtain air bag module RH circuit is shorted to ground	<u>SRC-131, "DTC</u> Logic"
B1148	CURTAIN MODULE RH [SHORT]	Curtain air bag module RH circuits are shorted to each other	SRC-133, "DTC Logic"
B1150	CURTAIN MODULE LH [OPEN]	Curtain air bag module LH circuit is open	<u>SRC-135, "DTC</u> Logic"
B1151	CURTAIN MODULE LH [VB-SHORT]	Curtain air bag module LH circuit is shorted to power supply circuits	<u>SRC-137, "DTC</u> Logic"
B1152	CURTAIN MODULE LH [GND-SHORT]	Curtain air bag module LH circuit is shorted to ground	<u>SRC-139, "DTC</u> Logic"
B1153	CURTAIN MODULE LH [SHORT]	Curtain air bag module LH circuits are shorted to each other	<u>SRC-141, "DTC</u> Logic"
B1154-B1159	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<u>SRC-143, "DTC</u> Logic"
B1170-B1175	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<u>SRC-144, "DTC</u> Logic"
B1182	PRE-TEN2 FRONT LH [OPEN]	Lap pre-tensioner LH circuit is open	<u>SRC-145, "DTC</u> Logic"
B1183	PRE-TEN2 FRONT LH [VB-SHORT]	Lap pre-tensioner LH circuit is shorted to power supply circuit	<u>SRC-146, "DTC</u> Logic"
B1184	PRE-TEN2 FRONT LH [GND-SHORT]	Lap pre-tensioner LH circuit is shorted to ground	<u>SRC-147, "DTC</u> Logic"
B1185	PRE-TEN2 FRONT LH [SHORT]	Lap pre-tensioner LH circuits are shorted to each other	<u>SRC-148, "DTC</u> Logic"
B1186-B1191	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	<u>SRC-149, "DTC</u> Logic"
B1202-B1207	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-150, "DTC Logic"

DIAGNOSIS SENSOR UNIT

< ECU DIAGNOSIS INFORMATION >

DTC	Diagnostic item	Explanation	Reference page
B1209	FRONTAL COLLISION DETEC- TION	Front seat belt pre-tensioner, driver air bag and passenger air bag are deployed	SRC-151, "De- scription"
B1210	SIDE COLLISION DETECTION	Side air bag, curtain air bag and front seat belt pre-tensioner are deployed	SRC-152, "DTC Logic"
B1212-B1214	RH1 SAT-SENS	Satellite sensor RH is malfunctioning	SRC-153, "DTC Logic"
B1215-B1217	LH1 SAT-SENS	Satellite sensor LH is malfunctioning	SRC-155, "DTC Logic"
B1218-B1223	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-157, "DTC Logic"
B1234-B1239	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-158, "DTC Logic"
B1250-B1255	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning	SRC-159, "DTC Logic"
B1336 B1337	FR-RH DOOR SATEL SENS [SENSOR MALFUNCTION]	Front door satellite sensor RH is malfunctioning	SRC-160, "DTC Logic"
B1338 B1340 B1341 B1342	FR-RH DOOR SATEL SENS [COMM MALFUNCTION]	Front door satellite sensor RH is malfunctioning	SRC-162, "DTC Logic"
B1339	FR-RH DOOR SATEL SENS [MIS-INSTALLATION]	Front door satellite sensor RH is out of the specified specifica- tion	SRC-164, "DTC Logic"
B1343 B1344	FR-LH DOOR SATEL SENS [SENSOR MALFUNCTION]	Front door satellite sensor LH is malfunctioning	SRC-165, "DTC Logic"
B1345 B1347 B1348 B1349	FR-LH DOOR SATEL SENS [COMM MALFUNCTION]	Front door satellite sensor LH is malfunctioning	SRC-167, "DTC Logic"
B1346	FR-LH DOOR SATEL SENS [MIS-INSTALLATION]	Front door satellite sensor LH is out of the specified specifica- tion	SRC-169, "DTC Logic"
B1350	FR DOOR SATEL SENS	Front door satellite sensor is malfunctioning	SRC-170, "DTC Logic"

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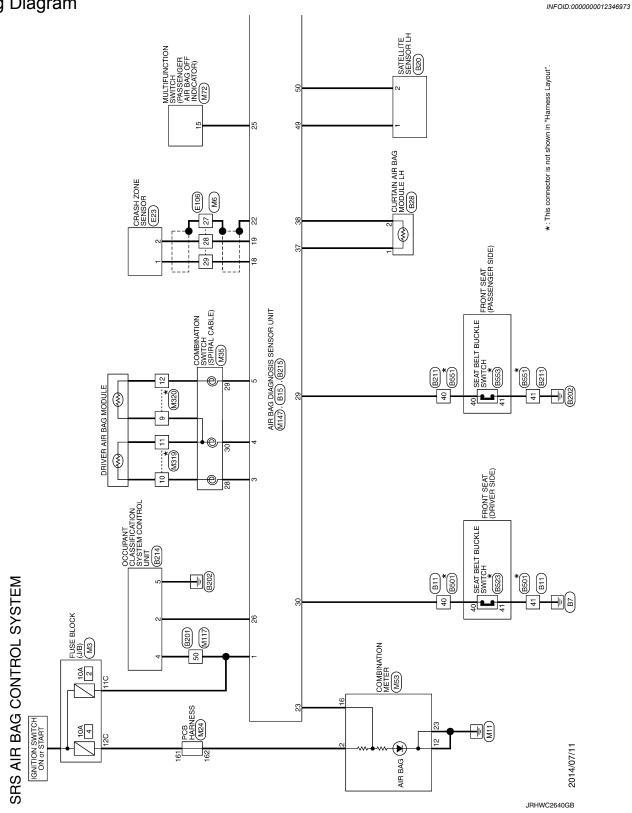
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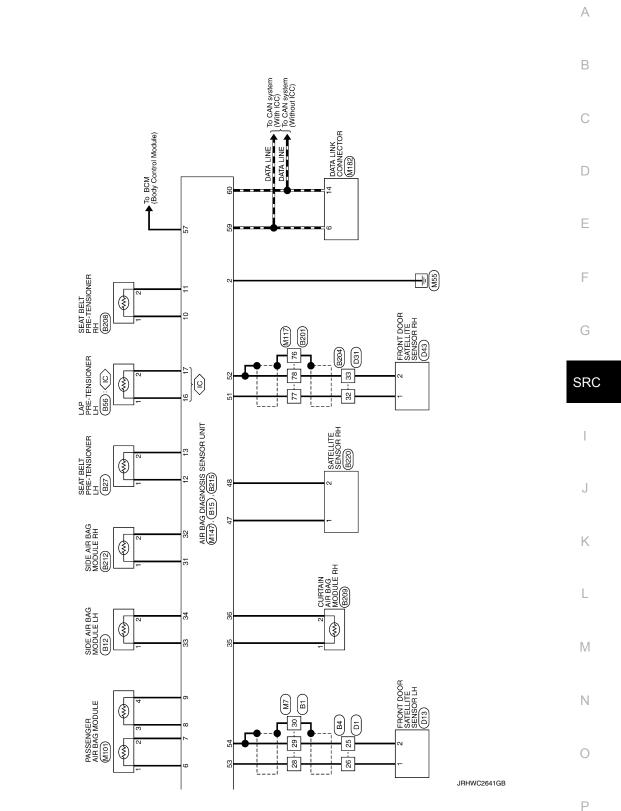
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< WIRING DIAGRAM >

WIRING DIAGRAM SRS AIR BAG SYSTEM

Wiring Diagram





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Revision: September 2015

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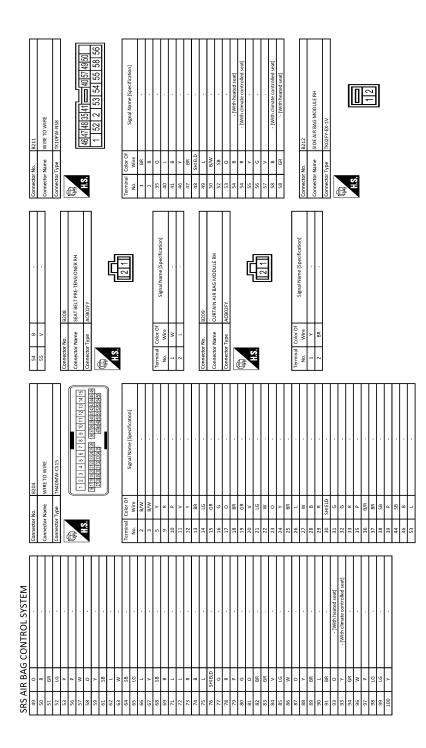
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< WIRING DIAGRAM >



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SRS AIR BAG SYSTEM

< WIRING DIAGRAM >

Revision: September 2015

2016 Q70

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< WIRING DIAGRAM >

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SRS AIR B	Connector Name	Connector Type			N.	I				No. Wire	+	>	BR	5 P	ڻ	~ (+	11	11	+	12 P	13 BR	14 GR	15 BG	+	1/ Bu	18 Y	19 W	20 L	_	+	+	+	_	+	+	- 58	┥	30 SHIELD	+	_	+	41 SB	
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. [With heated seat] . [With climate controlled seat]	M147 AIR BAG EIAGNOSIS SENSOR UNIT INTERFY-EX 1952 54 23 1952 54 23 1951 53 60 53 557 1	Sgnal Name (Specification) (6N 6ND 6ND 6ND 6ND 6ND 6ND 6ND 7N3 (+) 7N3
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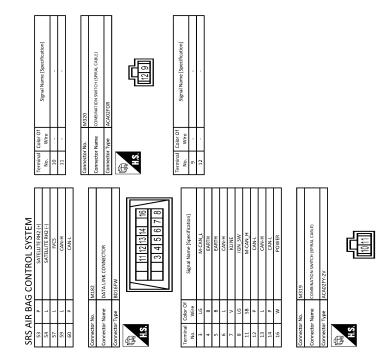
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SRS AIR BAG SYSTEM

< WIRING DIAGRAM >



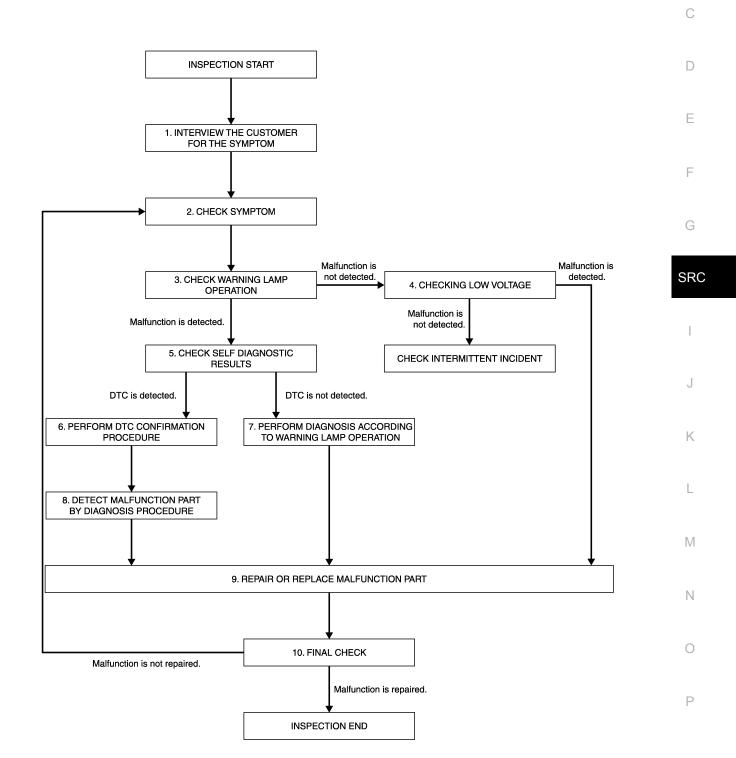
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< BASIC INSPECTION >

BASIC INSPECTION DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

OVERALL SEQUENCE



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DETAILED FLOW

Revision: September 2015

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INFOID:000000012346974

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 <u>SRC-12, "On Board Diagnosis Function"</u>. <u>Are any malfunction detected?</u>

YES >> GO TO 5.

NO >> GO TO 4.

4.CHECK LOW VOLTAGE

Check low voltage with CONSULT (Special function). Refer to <u>SRC-16. "CONSULT Function"</u>.

Are any malfunction detected?

YES >> GO TO 9.

NO >> Check intermittent incident. Refer to <u>GI-45, "Intermittent Incident"</u>.

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 <u>SRC-12, "On Board Diagnosis Func-</u><u>tion"</u>.

Perform Diagnosis Procedure for the air bag warning lamp operation. Refer to <u>SRC-12, "On Board Diag-nosis Function"</u> (USER MODE).

>> GO TO 9.

$\mathbf{8}$. DETECT MALFUNCTIONING PART BY DIAGNOSTIC PROCEDURE

Inspect according to Diagnostic Procedure of the DTC.

>> GO TO 9.

9. REPAIR OR REPLACE THE MALFUNCTION PART

DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >	
Repair or replace the malfunctioning part.	A
>> GO TO 10.	~
10.final check	В
Check self diagnostic result and air bag warning lamp operation in the user mode.	
Is the malfunction repaired?	
YES >> INSPECTION END	С
NO >> GO TO 2.	
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DTC/CIRCUIT DIAGNOSIS U1000 CAN COMM CIRCUIT

Description

INFOID:000000012346975

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 <u>LAN-37, "CAN COMMUNICATION SYSTEM : CAN Communication Signal Chart"</u>.

DTC Logic

INFOID:000000012346976

DTC DETECTION LOGIC

DTC	CONSULT display de- scription	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:000000012346977

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-27, "Trouble Diagnosis Flow Chart".
- NO >> Refer to <u>GI-45, "Intermittent Incident"</u>.

U1010 CONTROL UNIT (CAN)

< DTC/CIRCUIT DIAGNOSIS >

U1010 CONTROL UNIT (CAN)

DTC Logic

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DTC DETECTION LOGIC

DTC	CONSULT display de- scription	DTC Detection Condition	Possible cause	С
U1010	CONTROL UNIT (CAN)	Air bag diagnosis sensor unit detected internal CAN communica- tion circuit malfunction.	Air bag diagnosis sensor unit	
Diagno	osis Procedure		INECID-00000012246070	D

Diagnosis Procedure

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-25, "Removal and Installation".

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000012346980

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

(I) With CONSULT

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

(R) 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 <u>SRC-38, "Diagnosis Procedure"</u>.
- NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000012346981

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

- 1. Replace air bag diagnosis sensor unit. Refer to SR-25, "Removal and Installation".
- 2. Perform DTC confirmation procedure. Refer to <u>SRC-38. "DTC Logic"</u>.

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:000000012346982

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DTC DETECTION LOGIC В Display contents of DTC DTC detecting condition Possible cause CONSULT B1006 B1007 B1008 CONTROL UNIT Air bag diagnosis sensor unit is malfunctioning Malfunction in air bag diagnosis sensor unit D B1009 B1010 DTC CONFIRMATION PROCEDURE Ε 1.CHECK SELF-DIAG RESULT (P) With CONSULT Turn ignition switch ON. 1. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT. 2. 🕅 Without CONSULT Turn ignition switch ON. 1. 2. Check the air bag warning lamp status. Refer to <u>SRC-12, "On Board Diagnosis Function"</u>. NOTE: SRS does not enter the diagnosis mode if no malfunction is detected in the user mode. SRC Is malfunctioning part detected? YES >> Refer to SRC-39, "Diagnosis Procedure". NO >> INSPECTION END Diagnosis Procedure INFOID:000000012346983 WARNING: Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes or more. (To discharge backup capacitor.) Never use unspecified tester or other measuring device. Κ 1.CHECK HARNESS CONNECTOR Check the harness connector. L Is the inspection result normal? YES >> GO TO 2. NO >> Replace harness connectors. Μ 2. CHECK WIRING HARNESS Check the wiring harness externals. Is the inspection result normal? Ν YES >> GO TO 3. NO >> Replace wiring harness. **\mathbf{3}.** REPLACE AIR BAG DIAGNOSIS SENSOR UNIT 1. Replace air bag diagnosis sensor unit. Refer to SR-25, "Removal and Installation". Perform DTC confirmation procedure. Refer to <u>SRC-39, "DTC Logic"</u>. 2. Ρ 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:000000012346984

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

(I) With CONSULT

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

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

Diagnosis Procedure

INFOID:000000012346985

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

- 1. Replace air bag diagnosis sensor unit. Refer to SR-25, "Removal and Installation".
- 2. Perform DTC confirmation procedure. Refer to <u>SRC-40. "DTC Logic"</u>.

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:000000012346986

DTC DETECTION LOGIC

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DTC	Display contents of CONSULT	DTC detecting condition	Possible cause	С
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 	D
DTC CO	NFIRMATION PRO	CEDURE		
1 .CHEC	K SELF-DIAG RESUL	T		Ε
 Turn Perfo Without 	CONSULT ignition switch ON. orm "Self Diagnostic Re ut CONSULT ignition switch ON.	esult" mode of "AIR BAG" using CC	DNSULT.	F
		lamp status. Refer to <u>SRC-12, "On</u>	Board Diagnosis Function".	G
<u>Is malfund</u> YES	ctioning part detected	- Diagnosis Procedure".	ed in the user mode.	SR
Diagnos	sis Procedure		INFOID:000000012346987	
or more	servicing, turn igniti e. (To discharge back		ry negative terminal, and wait 3 minutes	J
	STIC PROCEDURE	•		K
1 .CHEC	K HARNESS CONNE	CTOR		
	e connection of harnes pection result normal?			L
YES >	>> GO TO 2. >> Replace harness c K WIRING HARNESS	onnectors.		M
	e wiring harness extern pection result normal?			Ν

YES >> GO TO 3.

NO >> Replace wiring harness.

 $\mathbf{3}$.Replace air bag diagnosis sensor unit

1. Replace air bag diagnosis sensor unit. Refer to <u>SR-25, "Removal and Installation"</u>.

2. Perform DTC confirmation procedure. Refer to <u>SRC-41, "DTC Logic"</u>.

Is DTC detected?

2.

YES >> GO TO 4.

NO >> INSPECTION END

4.REPLACE OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

Perform DTC confirmation procedure. Refer to <u>SRC-41, "DTC Logic"</u>.

1. Replace passenger seat cushion assembly. Refer to SE-125, "Removal and Installation".

Revision: September 2015

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B1017, B1020, B1021 OCCUPANT SYSTEM CONTROL UNIT

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?YES>> GO TO 1.NO>> INSPECTION END

B1018 OCCUPANT SYSTEM SENSOR

< DTC/CIRCUIT DIAGNOSIS >

B1018 OCCUPANT SYSTEM SENSOR

DTC Logic

INFOID:000000012346988

DTC DETECTION LOGIC

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INFOID-000000012346989

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Display contents of DTC DTC detecting condition Possible cause CONSULT · Harness or connectors OCCUPANT SENS **Occupant Classification System** · Malfunction in Occupant Classification System sensor B1018 · Malfunction in Occupant Classification System control unit [UNIT FAIL] sensor is malfunctioning · Malfunction in air bag diagnosis sensor unit DTC CONFIRMATION PROCEDURE CHECK SELF-DIAG RESULT

With	CONSULT
	00110021

- 1. Turn ignition switch ON.
- 2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.
- **Without CONSULT**
- 1. Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to <u>SRC-12, "On Board Diagnosis Function"</u>. NOTE:

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

Is malfunctioning part detected?

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

Diagnosis Procedure

WARNING:

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

DIAGNOSTIC PROCEDURE

1.CHECK HARNESS CONNECTOR

Check the connection of harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

 $\mathbf{3}$.Replace air bag diagnosis sensor unit

1. Replace air bag diagnosis sensor unit. Refer to SR-25, "Removal and Installation".

2. Perform DTC confirmation procedure. Refer to <u>SRC-43. "DTC Logic"</u>.

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 <u>SE-125, "Removal and Installation"</u>.

2. Perform DTC confirmation procedure. Refer to SRC-43, "DTC Logic".

< DTC/CIRCUIT DIAGNOSIS >

Is DTC detected?YES>> GO TO 1.NO>> INSPECTION END

B1022 OCCUPANT SYSTEM CONTROL UNIT

< DTC/CIRCUIT DIAGNOSIS >

B1022 OCCUPANT SYSTEM CONTROL UNIT

DTC Logic

INFOID:000000012346990

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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 CC	ONFIRMATION PRO	CEDURE	
1 .CHEC	CK SELF-DIAG RESU	LT	
 Turn Perfe Witho Turn 	out CONSULT ignition switch ON.	Result" mode of "AIR BAG" using CO lamp status. Refer to <u>SRC-12, "On F</u>	
-	es not enter the diagno	osis mode if no malfunction is detecte	ed in the user mode.
	nctioning part detected		
YES NO	>> Refer to <u>SRC-45.</u> >> INSPECTION ENI	" <u>Diagnosis Procedure"</u> .	
-	sis Procedure		INFOID:00000001234695
or mor • Never	e servicing, turn ignit re. (To discharge bac use unspecified test	kup capacitor.) er or other measuring device.	y negative terminal, and wait 3 minutes
DIAGNO	DSTIC PROCEDUR		
	CK HARNESS CONNE	ECTOR	
1 .CHEC			
Check th	e connection of harne		
Check th Is the ins	spection result normal		
Check th Is the ins		<u>?</u>	
Check th Is the ins YES NO	spection result normal' >> GO TO 2.	<u>?</u> connectors.	
Check the instant of	spection result normal' >> GO TO 2. >> Replace harness of	<u>?</u> connectors. S	
Check the Is the ins YES NO 2. CHEC Check the Is the ins	spection result normal >> GO TO 2. >> Replace harness of CK WIRING HARNES be wiring harness exter spection result normal	<u>?</u> connectors. S rnals.	
Check the Is the ins YES NO 2. CHEC Check the Is the ins YES	spection result normal >> GO TO 2. >> Replace harness of CK WIRING HARNES we wiring harness exter spection result normal >> GO TO 3.	? connectors. S rnals. ?	
Check the Is the ins YES NO 2. CHEC Check the Is the ins YES NO	spection result normal >> GO TO 2. >> Replace harness of CK WIRING HARNESS he wiring harness extension result normal >> GO TO 3. >> Replace wiring har	? connectors. S rnals. ?	

2. Perform DTC confirmation procedure. Refer to SRC-45, "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

Replace passenger seat cushion assembly. Refer to <u>SE-125, "Removal and Installation"</u>.
 Perform DTC confirmation procedure. Refer to <u>SRC-45, "DTC Logic"</u>.

Is DTC detected?

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

B1023 PASSENGER AIR BAG OFF INDICATOR

< DTC/CIRCUIT DIAGNOSIS >

B1023 PASSENGER AIR BAG OFF INDICATOR

DTC Logic

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DTC	Display contents of CONSULT	DTC detecting condition	Possible cause			
B1023	B1023 PASS A/B INDCTR CKT [UNIT FAIL] Passenger air bag OFF indicator circuit is open or shorted to ground or the cir- cuits are shorted each other • Harness or connectors • Malfunction in passenger air bag OFF indicator • Malfunction in air bag diagnosis sensor unit					
	ONFIRMATION PRO					
1.CHE	CK SELF-DIAG RESU	JLT				
1. Tur 2. Per 🕱 With 1. Tur	out CONSULT n ignition switch ON.	Result" mode of "AIR BAG" using g lamp status. Refer to <u>SRC-12, "</u>				
NOTE:		osis mode if no malfunction is def				
	inctioning part detected					
YES	>> Refer to SRC-47,	"Diagnosis Procedure".				
NO	>> INSPECTION EN	D				
WARNI			INFOID:000000012346993			
Diagno WARNI • Befor or mo • Never	osis Procedure <mark>NG:</mark> e servicing, turn igni ore. (To discharge bac	ition switch OFF, disconnect ba ckup capacitor.) ter or other measuring device.	INFOID:000000012346993			
Diagno WARNI • Befor or mo • Never DIAGN	osis Procedure <mark>NG:</mark> e servicing, turn igni pre. (To discharge bac r use unspecified tes	ition switch OFF, disconnect ba ckup capacitor.) ter or other measuring device. E				
Diagne WARNI • Befor or mo • Never DIAGN 1.CHE Check t Is the in	osis Procedure NG: e servicing, turn igni ore. (To discharge bac r use unspecified tes OSTIC PROCEDUR CK HARNESS CONN he connection of harne spection result normal	ition switch OFF, disconnect ba ckup capacitor.) ter or other measuring device. EE ECTOR ess connector.				
Diagne WARNI • Befor or mo • Nevel DIAGN 1.CHE Check t Is the in YES NO	osis Procedure NG: e servicing, turn igni ore. (To discharge bac r use unspecified tes OSTIC PROCEDUR CK HARNESS CONN he connection of harm	ition switch OFF, disconnect ba ckup capacitor.) ter or other measuring device. EE ECTOR ess connector. I? connectors.				
Diagne WARNI • Befor or mo • Never DIAGN 1.CHE Check t Is the in YES NO 2.CHE Check t	OSIS Procedure NG: e servicing, turn igni ore. (To discharge bac r use unspecified tes OSTIC PROCEDUR CK HARNESS CONN he connection of harne spection result normal >> GO TO 2. >> Replace harness	ition switch OFF, disconnect backup capacitor.) ter or other measuring device. EE ECTOR ess connector. 12 connectors. S ernals.				
Diagne WARNI • Befor or mo • Never DIAGN 1.CHE Check t Is the in YES NO Check t Is the in YES NO	NG: e servicing, turn igni ore. (To discharge back r use unspecified tes OSTIC PROCEDUR CK HARNESS CONN he connection of harne spection result normal >> GO TO 2. >> Replace harness CK WIRING HARNES he wiring harness exter spection result normal >> GO TO 3. >> Replace wiring har	ition switch OFF, disconnect backup capacitor.) ter or other measuring device. EE ECTOR ess connector. 12 connectors. 55 ernals. 12 arness.				
Diagne WARNI • Befor or mo • Never DIAGN 1.CHE Check t Is the in YES NO 2.CHE Check t Is the in YES NO 3.REP 1. Rep	NG: e servicing, turn igni ore. (To discharge back r use unspecified tes OSTIC PROCEDUR CK HARNESS CONN he connection of harnes spection result normal >> GO TO 2. >> Replace harness CK WIRING HARNES he wiring harness exter spection result normal >> GO TO 3. >> Replace wiring har LACE AIR BAG DIAG	ition switch OFF, disconnect backup capacitor.) ter or other measuring device. EE ECTOR ess connector. 12 connectors. S ernals.	attery negative terminal, and wait 3 minutes			

NO >> INSPECTION END

4.CHECK PASSENGER AIR BAG OFF INDICATOR

B1023 PASSENGER AIR BAG OFF INDICATOR

< DTC/CIRCUIT DIAGNOSIS >

- Replace multifunction switch (passenger air bag OFF indicator). Refer to <u>AV-137</u>, "<u>Removal and Installa-tion</u>" (base audio without navigation models) or <u>AV-422</u>, "<u>Removal and Installation</u>" (BOSE audio with navigation models).
- 2. Perform DTC confirmation procedure. Refer to <u>SRC-47, "DTC Logic"</u>.

Is DTC detected?

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

B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR

< DTC/CIRCUIT DIAGNOSIS >

B1025, B1032, B1048 OCCUPANT SYSTEM SENSOR

DTC Logic

INFOID:000000012346994

DTC DETECTION LOGIC

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	Disalay contents of			
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 	
	NFIRMATION PROC			
_	K SELF-DIAG RESUL	-T		
 Perfo Without Turn Chec 	ignition switch ON. rm "Self Diagnostic Re it CONSULT ignition switch ON.	esult" mode of "AIR BAG" using CON lamp status. Refer to <u>SRC-12, "On B</u>		S
l <u>s malfund</u> YES >	ctioning part detected	- <u>Diagnosis Procedure"</u> .	d in the user mode.	
Diagnos	sis Procedure		INFOID:000000012346995	
or more	servicing, turn igniti e. (To discharge back		<pre>/ negative terminal, and wait 3 minutes</pre>	
	STIC PROCEDURE	-		
1. CHEC	K HARNESS CONNE	CTOR		
	e connection of harnes pection result normal?			
	>> GO TO 2. >> Replace harness c	onnectors		
-	K WIRING HARNESS			
l <u>s the ins</u> r YES >	e wiring harness extern pection result normal? >> GO TO 3.			
NO >	> Replace wiring har			
-	ACE AIR BAG DIAGN	OSIS SENSOR UNIT		

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

Replace passenger seat cushion assembly. Refer to <u>SE-125, "Removal and Installation"</u>.
 Perform DTC confirmation procedure. Refer to <u>SRC-49, "DTC Logic"</u>.

Is DTC detected?

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

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000012346996

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DTC DETECTION LOGIC

B1026 B1027 B1028 CONTROL UNIT B1029 Air bag diagnosis sensor unit is malfunctioning Malfunction in air bag diagnosis sensor unit	DTC	Display contents of CONSULT	DTC detecting condition	Possible cause	
B1031	B1027 B1028 B1029	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 <u>SRC-12, "On Board Diagnosis Function"</u>.

NOTE:

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

Is malfunctioning part detected?

YES >> Refer to <u>SRC-51, "Diagnosis Procedure"</u>.

NO >> INSPECTION END

Diagnosis Procedure

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector. <u>Is the inspection result normal?</u>

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.

 ${\it 3.}$ REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-25, "Removal and Installation".

Perform DTC confirmation procedure. Refer to <u>SRC-51, "DTC Logic"</u>.

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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INFOID:000000012346997

B1033, B1034 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

B1033, B1034 CRASH ZONE SENSOR

DTC Logic

INFOID:000000012346998

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

(I) With CONSULT

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 <u>SRC-52</u>, "Diagnosis Procedure".
- NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000012346999

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE CRASH ZONE SENSOR

1. Replace crash zone sensor. Refer to <u>SR-21, "Removal and Installation"</u>.

2. Perform DTC confirmation procedure. Refer to <u>SRC-52, "DTC Logic"</u>.

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 <u>SR-25, "Removal and Installation"</u>.

Perform DTC confirmation procedure. Refer to <u>SRC-52, "DTC Logic"</u>.

Is DTC detected?

YES >> GO TO 1.

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	B1033, B1034 CRASH ZONE SENSOR	
	C/CIRCUIT DIAGNOSIS >	
NO	>> INSPECTION END	А
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< DTC/CIRCUIT DIAGNOSIS >

B1035 CRASH ZONE SENSOR

DTC Logic

INFOID:000000012347000

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

(B) With CONSULT

Turn ignition switch ON.

2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

Without CONSULT

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 <u>SRC-54</u>, "Diagnosis Procedure".
- NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000012347001

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE CRASH ZONE SENSOR

1. Replace crash zone sensor. Refer to <u>SR-21, "Removal and Installation"</u>.

2. Perform DTC confirmation procedure. Refer to <u>SRC-54. "DTC Logic"</u>.

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 <u>SR-25, "Removal and Installation"</u>.

Perform DTC confirmation procedure. Refer to <u>SRC-54, "DTC Logic"</u>.

Is DTC detected?

YES >> GO TO 1.

DANZE COASH ZONE SENSOD

		B1035 CRASH ZONE SENSOR
< DTC	/CIRCUIT DIAGNOSIS >	
NO	>> INSPECTION END	
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< DTC/CIRCUIT DIAGNOSIS >

B1036 CRASH ZONE SENSOR

DTC Logic

INFOID:000000012347002

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 <u>SRC-56, "Diagnosis Procedure"</u>.
- NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000012347003

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE CRASH ZONE SENSOR

1. Replace crash zone sensor. Refer to <u>SR-21, "Removal and Installation"</u>.

2. Perform DTC confirmation procedure. Refer to <u>SRC-56, "DTC Logic"</u>.

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 <u>SR-25, "Removal and Installation"</u>.

2. Perform DTC confirmation procedure. Refer to SRC-56, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

B1037, B1039, B1041 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

B1037, B1039, B1041 CRASH ZONE SENSOR

DTC Logic INFOID:000000012347004 DTC DETECTION LOGIC Display contents of DTC DTC detecting condition Possible cause CONSULT B1037 Malfunction in crash zone sensor B1039 **CRASH ZONE SENS1** Crash zone sensor is malfunctioning · Malfunction in air bag diagnosis sensor unit B1041 D DTC CONFIRMATION PROCEDURE CHECK SELF-DIAG RESULT Ε With CONSULT Turn ignition switch ON. 1. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT. 2. Without CONSULT Turn ignition switch ON. 1 Check the air bag warning lamp status. Refer to SRC-12, "On Board Diagnosis Function". 2. NOTE: SRS does not enter the diagnosis mode if no malfunction is detected in the user mode. Is malfunctioning part detected? SRC >> Refer to SRC-57, "Diagnosis Procedure". YFS NO >> INSPECTION END **Diagnosis** Procedure INFOID:000000012347005 WARNING: Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait 3 minutes J or more. (To discharge backup capacitor.) Never use unspecified tester or other measuring device. **1**.CHECK HARNESS CONNECTOR K Check the harness connector. Is the inspection result normal? YES >> GO TO 2. NO >> Replace harness connectors. 2.CHECK WIRING HARNESS M Check the wiring harness externals. Is the inspection result normal? YES >> GO TO 3. Ν NO >> Replace wiring harness. 3.REPLACE CRASH ZONE SENSOR Replace crash zone sensor. Refer to SR-21, "Removal and Installation". 1. Perform DTC confirmation procedure. Refer to <u>SRC-57, "DTC Logic"</u>. 2. Is DTC detected? Ρ YES >> GO TO 4. NO >> INSPECTION END **4.**REPLACE AIR BAG DIAGNOSIS SENSOR UNIT 1. Replace air bag diagnosis sensor unit. Refer to SR-25, "Removal and Installation".

Perform DTC confirmation procedure. Refer to SRC-57, "DTC Logic". 2.

Is DTC detected?

>> GO TO 1. YES

Revision: September 2015

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B1037, B1039, B1041 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

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:000000012347006

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DTC DETECTION LOGIC

B1042 B1043 B1044 B1045 B1046 B1047 CONTROL UNIT Air bag diagnosis sensor unit is malfunctioning Malfunction in air bag diagnosis sensor unit	DTC	Display contents of CONSULT	DTC detecting condition	Possible cause	(
	B1043 B1044 B1045 B1046	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
- Turn ignition switch ON.
- 2. Check the air bag warning lamp status. Refer to <u>SRC-12, "On Board Diagnosis Function"</u>.

NOTE:

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

- Is malfunctioning part detected?
- YES >> Refer to <u>SRC-59</u>, "Diagnosis Procedure".
- NO >> INSPECTION END

Diagnosis Procedure

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector. <u>Is the inspection result normal?</u>

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.

 ${\it 3.}$ REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-25, "Removal and Installation".

Perform DTC confirmation procedure. Refer to <u>SRC-59, "DTC Logic"</u>.

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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INFOID:000000012347007

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B1049, B1054 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

B1049, B1054 DRIVER AIR BAG MODULE

DTC Logic

INFOID:000000012347008

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

(I) With CONSULT

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

(R) 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 <u>SRC-60, "Diagnosis Procedure"</u>.
- NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000012347009

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK SPIRAL CABLE CIRCUIT

- 1. Turn ignition switch OFF.
- 2. Disconnect driver air bag module 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 >

Connector	ag module	Combination	switch (spiral cable)	Continuity
Connector	Terminal	Connector	Terminal	Continuity
M319	10		28	
1019	11	M35	30	- Existed
M320	12	IVI35	29	Existed
101320	9		30	_
Check continuity be	tween driver air bag	module harness co	onnector and ground.	
Driver	side air bag module			o
Connector	Termina	al		Continuity
	10			
M319	11		Ground	
	12			Not existed
M320	9			
Perform DTC confir <u>TC detected?</u> S >> GO TO 5. >> INSPECTIO REPLACE DRIVER A Replace driver air b	mation procedure. R	efer to <u>SRC-60, "D</u> SR-11, "Removal a	and Installation".	
S >> GO TO 1. >> INSPECTIO	ON END		<u>IC Logic"</u> .	
	ON END		<u>TC Logic"</u> .	
	ON END		<u>IC Logic"</u> .	
	ON END		<u>IC Logic"</u> .	

B1050, B1055 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

B1050, B1055 DRIVER AIR BAG MODULE

DTC Logic

INFOID:000000012347010

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

(I) With CONSULT

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

Without CONSULT

- 1. Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to <u>SRC-12, "On Board Diagnosis Function"</u>. NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to <u>SRC-62</u>, "Diagnosis Procedure".
- NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000012347011

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE SPIRAL CABLE

1. Replace combination switch (spiral cable). Refer to <u>SR-14, "Removal and Installation"</u>.

2. Perform DTC confirmation procedure. Refer to <u>SRC-62. "DTC Logic"</u>.

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 <u>SR-25, "Removal and Installation"</u>.

2. Perform DTC confirmation procedure. Refer to SRC-62, "DTC Logic".

B1050, B1055 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >	
<u>Is DTC detected?</u> YES >> GO TO 5.	A
NO >> INSPECTION END	2 K
5.REPLACE DRIVER AIR BAG MODULE	В
 Replace driver air bag module. Refer to <u>SR-11, "Removal and Installation"</u>. Perform DTC confirmation procedure. Refer to <u>SRC-62, "DTC Logic"</u>. 	
Is DTC detected?	С
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:000000012347012

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

(I) With CONSULT

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

(R) 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 <u>SRC-64, "Diagnosis Procedure"</u>.
- NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000012347013

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

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

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK SPIRAL CABLE CIRCUIT

- 1. Turn ignition switch OFF.
- 2. Disconnect driver air bag module 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 >

Connector		Compinatio	on switch (spiral cable)	Continuity
	Terminal	Connector	Terminal	Continuity
M319	10		28	
101319	11	M35	30	Existed
M320	12	IVI 35	29	Existed
101320	9		30	
Check continuity be	tween driver air bag	module harness	connector and ground.	
Driver	side air bag module			Continuity
Connector	Termina	al		Continuity
M319	10		Ground	
101319	11		Giouria	Not existed
Maao	12			NUL EXISIEU
M320	9			
	ON END AIR BAG MODULE			
Perform DTC confir <u>C detected?</u> S >> GO TO 1.	ag module. Refer to mation procedure. R			
Perform DTC confir C detected?	mation procedure. R			
Perform DTC confir <u>C detected?</u> S >> GO TO 1.	mation procedure. R			

B1052, B1057 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

B1052, B1057 DRIVER AIR BAG MODULE

DTC Logic

INFOID:000000012347014

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

(I) With CONSULT

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

(R) 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 <u>SRC-66, "Diagnosis Procedure"</u>.
- NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000012347015

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK SPIRAL CABLE CIRCUIT-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	- Continuity	
		M319	11		_
M319	10	M220	9	Not existed	
		M320	12		
the inspection result n	ormal?				
'ES >> GO TO 4.					
IO >> Replace con	nbination switch (spir	ral cable). Refer to <u>S</u>	R-14, "Removal and	Installation".	
CHECK SPIRAL CAE	BLE CIRCUIT-II				

Check continuity between combination switch (spiral cable) terminals.

	combination switch (spiral cable))	Continuity	
Connector	Terminal	Terminal	Continuity	
M35	28	29	- Not existed	
INISO .	20	30	Not existed	
the inspection result normal	<u> ?</u>			
YES >> GO TO 5.				
	tion switch (spiral cable).	Refer to <u>SR-14, "Remova</u>	al and Installation".	_
REPLACE AIR BAG DIAG				
. Replace air bag diagnosis	s sensor unit. Refer to <u>SR</u>	-25, "Removal and Install	<u>ation"</u> .	
 Perform DTC confirmation DTC detected? 		<u>-66, DICLOGIC</u> .		
YES >> GO TO 6.				
NO >> INSPECTION EN	D			
.REPLACE DRIVER AIR B	AG MODULE			
		emoval and Installation".		
	odule. Refer to <u>SR-11, "Re</u>			
. Replace driver air bag mo . Perform DTC confirmation <u>a DTC detected?</u>	odule. Refer to <u>SR-11, "Re</u>			
. Replace driver air bag mo . Perform DTC confirmation <u>DTC detected?</u> YES >> GO TO 1.	odule. Refer to <u>SR-11, "Re</u> n procedure. Refer to <u>SR(</u>			
. Replace driver air bag mo . Perform DTC confirmation <u>a DTC detected?</u>	odule. Refer to <u>SR-11, "Re</u> n procedure. Refer to <u>SR(</u>			
. Replace driver air bag mo . Perform DTC confirmation <u>DTC detected?</u> YES >> GO TO 1.	odule. Refer to <u>SR-11, "Re</u> n procedure. Refer to <u>SR(</u>			
. Replace driver air bag mo . Perform DTC confirmation <u>DTC detected?</u> YES >> GO TO 1.	odule. Refer to <u>SR-11, "Re</u> n procedure. Refer to <u>SR(</u>			
Replace driver air bag mo Perform DTC confirmation DTC detected? YES >> GO TO 1.	odule. Refer to <u>SR-11, "Re</u> n procedure. Refer to <u>SR(</u>			
Replace driver air bag mo Perform DTC confirmation DTC detected? YES >> GO TO 1.	odule. Refer to <u>SR-11, "Re</u> n procedure. Refer to <u>SR(</u>			
. Replace driver air bag mo . Perform DTC confirmation <u>DTC detected?</u> YES >> GO TO 1.	odule. Refer to <u>SR-11, "Re</u> n procedure. Refer to <u>SR(</u>			

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000012347016

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

(I) With CONSULT

- 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 <u>SRC-68, "Diagnosis Procedure"</u>.

NO >> INSPECTION END

Diagnosis Procedure

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

- 1. Replace air bag diagnosis sensor unit. Refer to <u>SR-25, "Removal and Installation"</u>.
- Perform DTC confirmation procedure. Refer to <u>SRC-68, "DTC Logic"</u>.

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

INFOID:000000012347017

B1065, B1070 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

B1065, B1070 PASSENGER AIR BAG MODULE

DTC Logic

INFOID:000000012347018

DTC DETECTION LOGIC

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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

CHECK SELF-DIAG RESULT (P) With CONSULT 1. Turn ignition switch ON. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT. 🕅 Without CONSULT Turn ignition switch ON. 1 Check the air bag warning lamp status. Refer to SRC-12, "On Board Diagnosis Function". 2. 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-000000012347019 WARNING: · Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.) Never use unspecified tester or other measuring device. 1. CHECK HARNESS CONNECTOR Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

<u>Is the i</u>	inspection result normal?	
	00 7 00	

YES	>> GO TO 3.
NO	s s Danslana udulu

>> Replace wiring harness. NO

 $\mathbf{3}.$ REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

Replace air bag diagnosis sensor unit. Refer to SR-25, "Removal and Installation". 1.

2. Perform DTC confirmation procedure. Refer to <u>SRC-69, "DTC Logic"</u>.

Is DTC detected?

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

4.REPLACE PASSENGER AIR BAG MODULE

Replace passenger air bag module. Refer to SR-17, "Removal and Installation". 1

Perform DTC confirmation procedure. Refer to SRC-69, "DTC Logic". 2.

Is DTC detected?

Revision: September 2015

SRC-69

B1065, B1070 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

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:000000012347020

INFOID:000000012347021

DTC DETECTION LOGIC

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DTC	Display contents of CON- SULT	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 CON	FIRMATION PROCE	DURE	

1.CHECK SELF-DIAG RESULT

(I) With CONSULT		
1. Turn ignition switch ON.	F	
Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.	Г	
🛞 Without CONSULT		
1. Turn ignition switch ON.		
2. Check the air bag warning lamp status. Refer to <u>SRC-12, "On Board Diagnosis Function"</u> .		
NOTE:		
SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.		
Is malfunctioning part detected?	SRO	
YES >> Refer to <u>SRC-71, "Diagnosis Procedure"</u> .		
NO >> INSPECTION END		

Diagnosis Procedure

WARNING:

 Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.) Never use unspecified tester or other measuring device. 		
1.CHECK HARNESS CONNECTOR	K	
Check the harness connector.		
Is the inspection result normal?	1	
YES >> GO TO 2.	-	
NO >> Replace harness connector.		
2.CHECK WIRING HARNESS	M	
Check the wiring harness externals.		
Is the inspection result normal?		
YES >> GO TO 3.	Ν	
NO >> Replace wiring harness		

NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1.	Replace	e air bag	diagr	nosis	sensor unit.	Refe	r to	o <u>SR-25,</u>	"Removal	and	Installation".	
~	- 'c	DTO	~ -						ID TO I			

Perform DTC confirmation procedure. Refer to <u>SRC-71, "DTC Logic"</u>.

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-17, "Removal and Installation".

2. Perform DTC confirmation procedure. Refer to <u>SRC-71, "DTC Logic"</u>.

Is DTC detected?

Revision: September 2015

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B1066, B1071 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

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:000000012347022

DTC DETECTION LOGIC

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DTC	Display contents of CONSULT	DTC detecting condition	Possible cause	С
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 	D

DTC CONFIRMATION PROCEDURE

- Е CHECK SELF-DIAG RESULT (P) With CONSULT 1. Turn ignition switch ON. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT. 🕅 Without CONSULT Turn ignition switch ON. 1 Check the air bag warning lamp status. Refer to SRC-12, "On Board Diagnosis Function". 2. NOTE: SRS does not enter the diagnosis mode if no malfunction is detected in the user mode. Is malfunctioning part detected? SRC YES >> Refer to SRC-73, "Diagnosis Procedure". NO >> INSPECTION END Diagnosis Procedure INFOID-000000012347023 WARNING: · Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.) Never use unspecified tester or other measuring device. 1.CHECK HARNESS CONNECTOR Κ Check the harness connector. Is the inspection result normal? YES >> GO TO 2. NO >> Replace harness connector. 2. CHECK WIRING HARNESS M Check the wiring harness externals. Is the inspection result normal? Ν YES >> GO TO 3. NO >> Replace wiring harness. ${\it 3.}$ REPLACE AIR BAG DIAGNOSIS SENSOR UNIT Replace air bag diagnosis sensor unit. Refer to SR-25, "Removal and Installation". 1 2. Perform DTC confirmation procedure. Refer to <u>SRC-73, "DTC Logic"</u>. Is DTC detected? Ρ YES >> GO TO 4. NO >> INSPECTION END **4.**REPLACE PASSENGER AIR BAG MODULE
- 1. Replace passenger air bag module. Refer to <u>SR-17, "Removal and Installation"</u>.
- 2. Perform DTC confirmation procedure. Refer to <u>SRC-73, "DTC Logic"</u>.

Is DTC detected?

Revision: September 2015

B1067, B1072 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

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:000000012347024

DTC DETECTION LOGIC

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

DTC CONFIRMATION PROCEDURE

- Е CHECK SELF-DIAG RESULT (P) With CONSULT 1. Turn ignition switch ON. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT. 🕅 Without CONSULT Turn ignition switch ON. 1 Check the air bag warning lamp status. Refer to SRC-12, "On Board Diagnosis Function". 2. NOTE: SRS does not enter the diagnosis mode if no malfunction is detected in the user mode. Is malfunctioning part detected? SRC YES >> Refer to SRC-75, "Diagnosis Procedure". NO >> INSPECTION END Diagnosis Procedure INFOID-000000012347025 WARNING: · Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.) Never use unspecified tester or other measuring device. 1.CHECK HARNESS CONNECTOR Κ Check the harness connector. Is the inspection result normal? YES >> GO TO 2. NO >> Replace harness connector. 2.CHECK WIRING HARNESS M Check the wiring harness externals. Is the inspection result normal? Ν YES >> GO TO 3. NO >> Replace wiring harness. ${\it 3.}$ REPLACE AIR BAG DIAGNOSIS SENSOR UNIT Replace air bag diagnosis sensor unit. Refer to SR-25, "Removal and Installation". 1. Perform DTC confirmation procedure. Refer to SRC-75, "DTC Logic". 2. Is DTC detected? Ρ YES >> GO TO 4. NO >> INSPECTION END
- **4.**REPLACE PASSENGER AIR BAG MODULE
- 1. Replace passenger air bag module. Refer to <u>SR-17, "Removal and Installation"</u>.
- 2. Perform DTC confirmation procedure. Refer to <u>SRC-75, "DTC Logic"</u>.

Is DTC detected?

Revision: September 2015

B1068, B1073 PASSENGER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

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:000000012347026

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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.
- (I) Without CONSULT
- Turn ignition switch ON.
- 2. Check the air bag warning lamp status. Refer to <u>SRC-12, "On Board Diagnosis Function"</u>.

NOTE:

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

- Is malfunctioning part detected?
- YES >> Refer to <u>SRC-77, "Diagnosis Procedure"</u>.
- NO >> INSPECTION END

Diagnosis Procedure

WARNING:

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

1. CHECK HARNESS CONNECTOR

Check the harness connector. <u>Is the inspection result normal?</u>

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.

 ${\it 3.}$ REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-25, "Removal and Installation".

Perform DTC confirmation procedure. Refer to <u>SRC-77, "DTC Logic"</u>.

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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B1080, B1096 DRIVER AIR BAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

B1080, B1096 DRIVER AIR BAG MODULE

DTC Logic

INFOID:000000012347028

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

(I) With CONSULT

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

Without CONSULT

- 1. Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to <u>SRC-12, "On Board Diagnosis Function"</u>. NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to <u>SRC-78</u>, "Diagnosis Procedure".
- NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000012347029

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.CHECK SPIRAL CABLE CIRCUIT-I

- 1. Turn ignition switch OFF.
- 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	- Continuity
		M319	11	
M319	10	M320 —	9	Not existed
			12	

YES >> GO TO 4.

NO >> Replace combination switch (spiral cable). Refer to <u>SR-14, "Removal and Installation"</u>.

4. CHECK SPIRAL CABLE CIRCUIT-II

Check continuity between combination switch (spiral cable) terminals.

C	combination switch (spiral cable)	Continuity	
Connector	Terminal	Terminal	Continuity	
M35	28	29	Not existed	
WOO	20	30		
the inspection result normal	<u> ?</u>			
YES >> GO TO 5.				
		Refer to <u>SR-14, "Remova</u>	l and Installation".	
.REPLACE AIR BAG DIAG	NOSIS SENSOR UNIT			
Replace air bag diagnosis			<u>ation"</u> .	
Perform DTC confirmation	n procedure. Refer to <u>SR</u>	<u>C-78, "DTC Logic"</u> .		
DTC detected?				
YES >> GO TO 6. NO >> INSPECTION EN	D			
.REPLACE DRIVER AIR B/				
		movel and installation"		
Replace driver air bag mo Perform DTC confirmation				
DTC detected?				
YES >> GO TO 1.				
NO >> INSPECTION EN	D			

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B1081 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

B1081 SEAT BELT PRE-TENSIONER RH

DTC Logic

INFOID:000000012347030

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

(I) 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 <u>SRC-80, "Diagnosis Procedure"</u>. NO >> INSPECTION END

Diagnosis Procedure

WARNING:

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

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE SEAT BELT PRE-TENSIONER

- 1. Replace seat belt pre-tensioner RH. Refer to <u>SR-27, "Removal and Installation"</u>.
- Perform DTC confirmation procedure. Refer to <u>SRC-80, "DTC Logic"</u>.

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-25. "Removal and Installation".

2. Perform DTC confirmation procedure. Refer to <u>SRC-80, "DTC Logic"</u>.

Is DTC detected?

B1081 SEAT BELT PRE-TENSIONER RH

	BIGOT SEAT BELT FRE-TENSIONER RE	
< DTC/	/CIRCUIT DIAGNOSIS >	
YES NO	>> GO TO 1. >> INSPECTION END	А
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B1082 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

B1082 SEAT BELT PRE-TENSIONER RH

DTC Logic

INFOID:000000012347032

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 <u>SRC-82, "Diagnosis Procedure"</u>. NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000012347033

WARNING:

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

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE SEAT BELT PRE-TENSIONER

- 1. Replace seat belt pre-tensioner RH. Refer to <u>SR-27, "Removal and Installation"</u>.
- 2. Perform DTC confirmation procedure. Refer to <u>SRC-82, "DTC Logic"</u>.

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-25. "Removal and Installation".

2. Perform DTC confirmation procedure. Refer to <u>SRC-82, "DTC Logic"</u>.

Is DTC detected?

B1082 SEAT BELT PRE-TENSIONER RH

	CIRCUIT DIAGNOSIS >	
YES NO	>> GO TO 1. >> INSPECTION END	A
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B1083 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

B1083 SEAT BELT PRE-TENSIONER RH

DTC Logic

INFOID:000000012347034

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	TC 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 <u>SRC-84, "Diagnosis Procedure"</u>. NO >> INSPECTION END

Diagnosis Procedure

WARNING:

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

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE SEAT BELT PRE-TENSIONER

- 1. Replace seat belt pre-tensioner RH. Refer to <u>SR-27, "Removal and Installation"</u>.
- Perform DTC confirmation procedure. Refer to <u>SRC-84, "DTC Logic"</u>.

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-25. "Removal and Installation".

2. Perform DTC confirmation procedure. Refer to SRC-84, "DTC Logic".

Is DTC detected?

B1083 SEAT BELT PRE-TENSIONER RH

< DTC	/CIRCUIT DIAGNOSIS >	
YES NO	>> GO TO 1. >> INSPECTION END	A
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B1084 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

B1084 SEAT BELT PRE-TENSIONER RH

DTC Logic

INFOID:000000012347036

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	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 <u>SRC-86, "Diagnosis Procedure"</u>. NO >> INSPECTION END

Diagnosis Procedure

WARNING:

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

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE SEAT BELT PRE-TENSIONER

- 1. Replace seat belt pre-tensioner RH. Refer to <u>SR-27, "Removal and Installation"</u>.
- Perform DTC confirmation procedure. Refer to <u>SRC-86, "DTC Logic"</u>.

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-25. "Removal and Installation".

2. Perform DTC confirmation procedure. Refer to <u>SRC-86, "DTC Logic"</u>.

Is DTC detected?

B1084 SEAT BELT PRE-TENSIONER RH

< DTC/	CIRCUIT DIAGNOSIS >	
YES NO	>> GO TO 1. >> INSPECTION END	А
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B1086 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1086 SEAT BELT PRE-TENSIONER LH

DTC Logic

INFOID:000000012347038

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 <u>SRC-88, "Diagnosis Procedure"</u>. NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000012347039

WARNING:

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

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE SEAT BELT PRE-TENSIONER

- 1. Replace seat belt pre-tensioner LH. Refer to <u>SR-27, "Removal and Installation"</u>.
- 2. Perform DTC confirmation procedure. Refer to <u>SRC-88, "DTC Logic"</u>.

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-25. "Removal and Installation".

2. Perform DTC confirmation procedure. Refer to <u>SRC-88, "DTC Logic"</u>.

Is DTC detected?

B1086 SEAT BELT PRE-TENSIONER LH

< DTC	/CIRCUIT DIAGNOSIS >	
YES NO	>> GO TO 1. >> INSPECTION END	A
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B1087 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1087 SEAT BELT PRE-TENSIONER LH

DTC Logic

INFOID:000000012347040

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 <u>SRC-90, "Diagnosis Procedure"</u>. NO >> INSPECTION END

Diagnosis Procedure

WARNING:

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

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE SEAT BELT PRE-TENSIONER

- 1. Replace seat belt pre-tensioner LH. Refer to <u>SR-27, "Removal and Installation"</u>.
- 2. Perform DTC confirmation procedure. Refer to <u>SRC-90, "DTC Logic"</u>.

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-25. "Removal and Installation".

2. Perform DTC confirmation procedure. Refer to <u>SRC-90, "DTC Logic"</u>.

Is DTC detected?

B1087 SEAT BELT PRE-TENSIONER LH

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B1088 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1088 SEAT BELT PRE-TENSIONER LH

DTC Logic

INFOID:000000012347042

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 <u>SRC-92</u>, "Diagnosis Procedure". NO >> INSPECTION END

Diagnosis Procedure

WARNING:

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

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE SEAT BELT PRE-TENSIONER

- 1. Replace seat belt pre-tensioner LH. Refer to <u>SR-27, "Removal and Installation"</u>.
- 2. Perform DTC confirmation procedure. Refer to <u>SRC-92, "DTC Logic"</u>.

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-25. "Removal and Installation".

2. Perform DTC confirmation procedure. Refer to <u>SRC-92, "DTC Logic"</u>.

Is DTC detected?

B1088 SEAT BELT PRE-TENSIONER LH

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B1089 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1089 SEAT BELT PRE-TENSIONER LH

DTC Logic

INFOID:000000012347044

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

(I) 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 <u>SRC-94, "Diagnosis Procedure"</u>. NO >> INSPECTION END

Diagnosis Procedure

WARNING:

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

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE SEAT BELT PRE-TENSIONER

- 1. Replace seat belt pre-tensioner LH. Refer to <u>SR-27, "Removal and Installation"</u>.
- 2. Perform DTC confirmation procedure. Refer to <u>SRC-94, "DTC Logic"</u>.

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-25. "Removal and Installation".

2. Perform DTC confirmation procedure. Refer to SRC-94, "DTC Logic".

Is DTC detected?

B1089 SEAT BELT PRE-TENSIONER LH

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

< DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000012347046

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

(I) With CONSULT

- 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 <u>SRC-96, "Diagnosis Procedure"</u>.
- NO >> INSPECTION END

Diagnosis Procedure

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

 $\mathbf{3}.$ REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

- 1. Replace air bag diagnosis sensor unit. Refer to <u>SR-25, "Removal and Installation"</u>.
- Perform DTC confirmation procedure. Refer to <u>SRC-96, "DTC Logic"</u>.

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:000000012347048

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DTC DETECTION LOGIC В Display contents of DTC DTC detecting condition Possible cause CONSULT B1106 B1107 B1108 CONTROL UNIT Air bag diagnosis sensor unit is malfunctioning Malfunction in air bag diagnosis sensor unit D B1109 B1110 B1111 Е DTC CONFIRMATION PROCEDURE 1.CHECK SELF-DIAG RESULT With CONSULT 1. Turn ignition switch ON. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT. 2. 🕅 Without CONSULT 1 Turn ignition switch ON. Check the air bag warning lamp status. Refer to SRC-12, "On Board Diagnosis Function". 2. NOTE: SRC SRS does not enter the diagnosis mode if no malfunction is detected in the user mode. Is malfunctioning part detected? YES >> Refer to SRC-97, "Diagnosis Procedure". NO >> INSPECTION END **Diagnosis** Procedure INFOID-000000012347049 WARNING: Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.) Κ Never use unspecified tester or other measuring device. 1. CHECK HARNESS CONNECTOR L Check the harness connector. Is the inspection result normal? YES >> GO TO 2. Μ NO >> Replace harness connectors. 2 . CHECK WIRING HARNESS Check the wiring harness externals. Ν Is the inspection result normal? YES >> GO TO 3. NO >> Replace wiring harness. ${\it 3.}$ REPLACE AIR BAG DIAGNOSIS SENSOR UNIT Replace air bag diagnosis sensor unit. Refer to SR-25, "Removal and Installation". 1. Ρ

2. Perform DTC confirmation procedure. Refer to <u>SRC-97. "DTC Logic"</u>.

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:000000012347050

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

(P) With CONSULT

- Turn ignition switch ON.
- 2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.
- 🛞 Without CONSULT
- 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 <u>SRC-98, "Diagnosis Procedure"</u>.
- NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000012347051

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to <u>SR-23. "Removal and Installation"</u>.

2. Perform DTC confirmation procedure. Refer to <u>SRC-98, "DTC Logic"</u>.

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 <u>SR-25, "Removal and Installation"</u>.

Perform DTC confirmation procedure. Refer to <u>SRC-98, "DTC Logic"</u>.

Is DTC detected?

YES >> GO TO 1.

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	B1113, B1114 SATELLITE SENSOR RH	
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B1115 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

B1115 SATELLITE SENSOR RH

DTC Logic

INFOID:000000012347052

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

(I) With CONSULT

- 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 <u>SRC-100, "Diagnosis Procedure"</u>.
- NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000012347053

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

NO >> Replace wiring harness.

3.REPLACE SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to <u>SR-23, "Removal and Installation"</u>.

2. Perform DTC confirmation procedure. Refer to <u>SRC-100, "DTC Logic"</u>.

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 <u>SR-25, "Removal and Installation"</u>.

Perform DTC confirmation procedure. Refer to <u>SRC-100, "DTC Logic"</u>.

Is DTC detected?

YES >> GO TO 1.

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DAAAE GATELLITE GENGOD DU

	BITTO SATELLITE SENSOR RE	1
	C/CIRCUIT DIAGNOSIS >	
NO	>> INSPECTION END	A
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B1116 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

B1116 SATELLITE SENSOR RH

DTC Logic

INFOID:000000012347054

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 dif- ferent from the part specified

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

(P) With CONSULT

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

Without CONSULT

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 <u>SRC-102</u>, "Diagnosis Procedure".
- NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000012347055

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to <u>SR-23, "Removal and Installation"</u>.

2. Perform DTC confirmation procedure. Refer to <u>SRC-102, "DTC Logic"</u>.

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 <u>SR-25, "Removal and Installation"</u>.

2. Perform DTC confirmation procedure. Refer to SRC-102, "DTC Logic".

Is DTC detected?

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

Revision: September 2015

B1118, B1119 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

B1118, B1119 SATELLITE SENSOR LH

DTC Logic

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INFOID:000000012347056

DTC DETECTION LOGIC

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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
тс со	NFIRMATION PRO	CEDURE	
.CHEC	K SELF-DIAG RESUL	T	
) With C	CONSULT		
	ignition switch ON.	esult" mode of "AIR BAG" using CO	
	ut CONSULT		
. Turn	ignition switch ON.		
. Chec OTE:	ck the air bag warning	lamp status. Refer to <u>SRC-12, "On</u>	Board Diagnosis Function".
	s not enter the diagnos	sis mode if no malfunction is detect	ted in the user mode.
	ctioning part detected	—	
	>> Refer to <u>SRC-103,</u> >> INSPECTION END	"Diagnosis Procedure".	
		1	
lagno	sis Procedure		INFOID:000000012347057
	G.		
		ion switch OFF, disconnect batte	ery negative terminal, and wait at least 3
Before minute	servicing, turn ignit s or more. (To discha	arge backup capacitor.)	ery negative terminal, and wait at least 3
Before minute Never u	servicing, turn ignit s or more. (To dischause unspecified teste	arge backup capacitor.) er or other measuring device.	ery negative terminal, and wait at least 3
Before minute Never u .CHEC	servicing, turn ignit s or more. (To dischause unspecified teste K HARNESS CONNE	arge backup capacitor.) er or other measuring device.	ery negative terminal, and wait at least 3
Before minute Never u .CHEC	servicing, turn ignit s or more. (To dischause unspecified teste K HARNESS CONNE e harness connector.	arge backup capacitor.) er or other measuring device. CTOR	ery negative terminal, and wait at least 3
Before minute Never (.CHEC heck the	servicing, turn ignit s or more. (To dischause unspecified teste K HARNESS CONNE e harness connector. pection result normal?	arge backup capacitor.) er or other measuring device. CTOR	ery negative terminal, and wait at least 3
Before minute Never (.CHEC heck the the ins YES	servicing, turn ignit s or more. (To dischause unspecified teste K HARNESS CONNE e harness connector.	arge backup capacitor.) er or other measuring device. CTOR	ery negative terminal, and wait at least 3
Before minute Never u .CHEC heck the the ins YES	servicing, turn ignit s or more. (To dischar use unspecified teste K HARNESS CONNE e harness connector. pection result normal? >> GO TO 2. >> Replace harness co	arge backup capacitor.) er or other measuring device. CTOR	ery negative terminal, and wait at least 3
Before minute Never u .CHEC theck the s the ins YES NO	servicing, turn ignit s or more. (To dischar use unspecified teste K HARNESS CONNE e harness connector. pection result normal? >> GO TO 2. >> Replace harness contector.	arge backup capacitor.) er or other measuring device. CTOR	ery negative terminal, and wait at least 3
Before minute Never of CHEC Check the s the ins YES NO CHEC Check the	servicing, turn ignit s or more. (To dischar use unspecified teste K HARNESS CONNE e harness connector. pection result normal? >> GO TO 2. >> Replace harness co K WIRING HARNESS e wiring harness exter	arge backup capacitor.) er or other measuring device. CCTOR onnector.	ery negative terminal, and wait at least 3
minute Never of CHEC Check the s the ins YES CHEC Check the s the ins YES	servicing, turn ignit s or more. (To dischar use unspecified teste K HARNESS CONNE e harness connector. pection result normal? >> GO TO 2. >> Replace harness co K WIRING HARNESS e wiring harness exter pection result normal? >> GO TO 3.	arge backup capacitor.) er or other measuring device. CTOR onnector.	ery negative terminal, and wait at least 3
Before minute Never of CHEC Check the s the ins YES CHEC Check the s the ins YES YES NO	servicing, turn ignit s or more. (To dischar use unspecified teste K HARNESS CONNE e harness connector. pection result normal? >> GO TO 2. >> Replace harness c K WIRING HARNESS e wiring harness exter pection result normal? >> GO TO 3. >> Replace wiring har	arge backup capacitor.) er or other measuring device. CCTOR onnector.	ery negative terminal, and wait at least 3
Before minute Never of CHEC Check the s the ins YES CHEC Check the s the ins YES YES NO	servicing, turn ignit s or more. (To dischar use unspecified teste K HARNESS CONNE e harness connector. pection result normal? >> GO TO 2. >> Replace harness co K WIRING HARNESS e wiring harness exter pection result normal? >> GO TO 3.	arge backup capacitor.) er or other measuring device. CCTOR onnector.	ery negative terminal, and wait at least 3
Before minute Never u .CHEC Check the s the ins YES CHEC Check the s the ins YES CHEC CHEC CHEC CHEC CHEC	servicing, turn ignit s or more. (To dischar use unspecified teste K HARNESS CONNE e harness connector. pection result normal? >> GO TO 2. >> Replace harness contector. K WIRING HARNESS e wiring harness exter pection result normal? >> GO TO 3. >> Replace wiring harness ACE SATELLITE SEN ace satellite sensor LF	arge backup capacitor.) er or other measuring device. CTOR onnector. nals. SOR 1. Refer to <u>SR-23, "Removal and In</u>	stallation".
Before minute Never (CHEC Check the s the ins YES CHEC Check the s the ins YES NO S.REPLA . Repla	servicing, turn ignit s or more. (To dischar use unspecified tester K HARNESS CONNE e harness connector. pection result normal? >> GO TO 2. >> Replace harness co K WIRING HARNESS e wiring harness exter pection result normal? >> GO TO 3. >> Replace wiring harn ACE SATELLITE SEN ace satellite sensor LF orm DTC confirmation	arge backup capacitor.) er or other measuring device. CTOR onnector. nals.	stallation".
Before minute Never of CHEC Check the s the ins YES CHEC Check the s the ins YES S CHEC Check the s the ins S CHEC S CHEC	servicing, turn ignit s or more. (To dischar use unspecified tester K HARNESS CONNE e harness connector. pection result normal? >> GO TO 2. >> Replace harness contector K WIRING HARNESS e wiring harness exter pection result normal? >> GO TO 3. >> Replace wiring harness ACE SATELLITE SEN ace satellite sensor LH orm DTC confirmation etected?	arge backup capacitor.) er or other measuring device. CTOR onnector. nals. SOR 1. Refer to <u>SR-23, "Removal and In</u>	stallation".
Before minute Never of CHEC Check the s the ins YES CHEC Check the s the ins YES NO CHEC Check the s the ins NO CHEC Check the s the ins YES S REPLA CHEC CHEC Check the s the ins YES S REPLA	servicing, turn ignit s or more. (To dischar use unspecified tester K HARNESS CONNE e harness connector. pection result normal? >> GO TO 2. >> Replace harness co K WIRING HARNESS e wiring harness exter pection result normal? >> GO TO 3. >> Replace wiring harn ACE SATELLITE SEN ace satellite sensor LF orm DTC confirmation	arge backup capacitor.) er or other measuring device. CTOR onnector. anals. ness. SOR 1. Refer to <u>SR-23, "Removal and In</u> procedure. Refer to <u>SRC-103, "DT</u>	stallation".

2. Perform DTC confirmation procedure. Refer to SRC-103, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.

B1118, B1119 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1120 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

B1120 SATELLITE SENSOR LH

DTC Logic

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INFOID:000000012347058

DTC DETECTION LOGIC

DTC Display conten CONSULT		letecting condition	Possible cause
31120 SATELLITE SENS [COMM FAIL]	S LH Satellite sensor of the specified	LH is malfunctioning or out specification	 Harness or connectors Malfunction in satellite sensor LH Malfunction in air bag diagnosis sensor unit
TC CONFIRMATION	PROCEDURE		
.CHECK SELF-DIAG F	RESULT		
With CONSULT			
 Turn ignition switch C Perform "Self Diagno" 		"AIR BAG" using CO	NSULT
Without CONSULT		And Brie doing CO	
. Turn ignition switch C . Check the air bag wa		efer to SRC-12 "On	Board Diagnosis Function".
IOTE:			
SRS does not enter the d	-	malfunction is detected	ed in the user mode.
<u>s malfunctioning part det</u> YES >> Refer to SRC	<u>ected?</u> 2-105, "Diagnosis Pr	ocedure"	
NO >> INSPECTION		<u>ocedure</u> .	
Diagnosis Procedur	e		INFOID:0000000123470
Before servicing, turn minutes or more. (To Never use unspecified	discharge backup o d tester or other me	capacitor.)	ry negative terminal, and wait at least
Before servicing, turn minutes or more. (To Never use unspecified .CHECK HARNESS CO	discharge backup o d tester or other me ONNECTOR	capacitor.)	ry negative terminal, and wait at least
Before servicing, turn minutes or more. (To Never use unspecified CHECK HARNESS CO Check the harness conne	discharge backup of tester or other me ONNECTOR ector.	capacitor.)	ry negative terminal, and wait at least
	discharge backup of tester or other me ONNECTOR ector.	capacitor.)	ry negative terminal, and wait at least
Before servicing, turn minutes or more. (To Never use unspecified1.CHECK HARNESS Co Check the harness connection s the inspection result no YES >> GO TO 2. NO >> Replace harr	discharge backup of d tester or other me ONNECTOR ector. ormal? ness connector.	capacitor.)	ry negative terminal, and wait at least
Before servicing, turn minutes or more. (To Never use unspecified1.CHECK HARNESS Co Check the harness connection s the inspection result no YES >> GO TO 2. NO >> Replace harr	discharge backup of d tester or other me ONNECTOR ector. ormal? ness connector.	capacitor.)	ry negative terminal, and wait at least
 Before servicing, turn minutes or more. (To a Never use unspecified 1.CHECK HARNESS Concerns the inspection result not served to the harness connection result not served to the harness connection result not served. Served to the harness connection result not served to the harness connection result not served. Served to the harness connection result not served. Served to the harness connection result not served to the harness connection result not served. Served to the harness connection result not served to the harness connection result not served. Served to the harness connection result not served to tharness connection resu	discharge backup of d tester or other me ONNECTOR ector. ormal? ness connector. NESS e externals.	capacitor.)	ry negative terminal, and wait at least
 Before servicing, turn minutes or more. (To ever use unspecified 1.CHECK HARNESS Concerns the inspection result not yes >> GO TO 2. NO >> Replace harrows CHECK WIRING HAR Check the wiring harness s the inspection result not yes and yes are place harrows 	discharge backup of d tester or other me ONNECTOR ector. ormal? ness connector. NESS e externals.	capacitor.)	ry negative terminal, and wait at least
Before servicing, turn minutes or more. (To a Never use unspecified CHECK HARNESS Contraction the inspection result not YES >> GO TO 2. NO >> Replace harn 2.CHECK WIRING HAR Check the wiring harness	discharge backup of d tester or other me ONNECTOR ector. ormal? ness connector. NESS s externals. ormal?	capacitor.)	ry negative terminal, and wait at least
 Before servicing, turn minutes or more. (To a Never use unspecified CHECK HARNESS Contract of the inspection result not set the in	discharge backup of d tester or other me ONNECTOR ector. ormal? ness connector. NESS externals. ormal? ng harness.	capacitor.)	ry negative terminal, and wait at least
Before servicing, turn minutes or more. (To a Never use unspecified I.CHECK HARNESS Control CHECK HARNESS Control Check the harness conners the inspection result not YES >> GO TO 2. NO >> Replace harness sthe inspection result not PES >> GO TO 3. Check the wiring harness sthe inspection result not YES >> GO TO 3. NO >> Replace wirin B.REPLACE SATELLITE I. Replace satellite sen	discharge backup of d tester or other me ONNECTOR ector. ormal? ness connector. NESS externals. ormal? ng harness. E SENSOR sor LH. Refer to <u>SR</u> -	23. "Removal and Ins	stallation".
 Before servicing, turn minutes or more. (To a Never use unspecified 1.CHECK HARNESS Contropy of the inspection result not set the inspection result	discharge backup of d tester or other me ONNECTOR ector. ormal? ness connector. NESS externals. ormal? ng harness. E SENSOR sor LH. Refer to <u>SR</u> -	capacitor.) easuring device.	stallation".
Before servicing, turn minutes or more. (To a Never use unspecified 1.CHECK HARNESS Control 1.CHECK HARNESS Control Check the harness conners s the inspection result notrol YES YES > GO TO 2. NO Perform Dresult notrol YES > GO TO 2. NO > Replace harr CHECK WIRING HAR Check the wiring harness s the inspection result not YES YES S CO TO 3. NO > Replace wirin 3.REPLACE SATELLITE 1. Replace satellite sen 2. Perform DTC confirm S DTC detected? YES > GO TO 4.	discharge backup of d tester or other me ONNECTOR ector. ormal? ness connector. NESS externals. ormal? ng harness. E SENSOR sor LH. Refer to <u>SR</u> - nation procedure. Re	23. "Removal and Ins	stallation".
 Before servicing, turn minutes or more. (To a Never use unspecified 1.CHECK HARNESS Concerns the inspection result not yes >> GO TO 2. NO >> Replace harrow 2.CHECK WIRING HAR Check the wiring harness s the inspection result not yes >> GO TO 3. NO >> Replace wiring harness s the inspection result not yes >> GO TO 3. NO >> Replace wiring harness s the inspection result not yes >> GO TO 3. NO >> Replace wiring harness s the inspection result not yes >> GO TO 3. NO >> Replace wiring harness s the inspection result not yes >> GO TO 3. NO >> Replace wiring harness s the inspection result not yes >> GO TO 3. NO >> Replace wiring harness s the inspection result not yes a set the inspection result not yes a set the inspection result not yes a set to yes a	discharge backup of d tester or other me ONNECTOR ector. ormal? ness connector. NESS externals. ormal? ng harness. E SENSOR sor LH. Refer to <u>SR</u> - nation procedure. Re	23. "Removal and Ins	stallation".

<u>Is DTC detected?</u> YES >> GO TO 1.

B1120 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1121 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

B1121 SATELLITE SENSOR LH

DTC Logic

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SRC

INFOID:000000012347061

INFOID:000000012347060

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause	С
B1121	SATELLITE SENS LH [UNMATCH]	Satellite sensor LH is out of the specified specification	Diagnosis sensor unit or satellite sensor RH is dif- ferent from the part specified	
DTC CO	NFIRMATION PROC	CEDURE		D

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 <u>SRC-107. "Diagnosis Procedure"</u>.
- NO >> INSPECTION END

Diagnosis Procedure

WARNING: Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.) Never use unspecified tester or other measuring device. 1. CHECK HARNESS CONNECTOR Check the harness connector. Κ Is the inspection result normal? YES >> GO TO 2. NO >> Replace harness connector. 2. CHECK WIRING HARNESS Check the wiring harness externals. M Is the inspection result normal? YES >> GO TO 3. NO >> Replace wiring harness. Ν **3.**REPLACE SATELLITE SENSOR Replace satellite sensor LH. Refer to SR-23, "Removal and Installation". 1. Perform DTC confirmation procedure. Refer to <u>SRC-107, "DTC Logic"</u>. Is DTC detected? YES >> GO TO 4. Ρ NO >> INSPECTION END

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-25, "Removal and Installation".

2. Perform DTC confirmation procedure. Refer to SRC-107, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

Revision: September 2015

B1122, B1123, B1124, B1125, B1126, B1127 DIAGNOSIS SENSOR UNIT < DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000012347062

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

(I) With CONSULT

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

X 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 <u>SRC-108</u>, "Diagnosis Procedure".

NO >> INSPECTION END

Diagnosis Procedure

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connectors.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

 $\mathbf{3}$.Replace air bag diagnosis sensor unit

- 1. Replace air bag diagnosis sensor unit. Refer to <u>SR-25, "Removal and Installation"</u>.
- 2. Perform DTC confirmation procedure. Refer to <u>SRC-108, "DTC Logic"</u>.

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

< DTC/CIRCUIT DIAGNOSIS >

B1129 SIDE AIR BAG MODULE RH

DTC Logic

INFOID:000000012347064

DTC DETECTION LOGIC

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Display contents of DTC Possible cause DTC detecting condition CONSULT · Harness or connectors SIDE MODULE RH (The module circuit is open.) B1129 Side air bag module RH circuit is open [OPEN] Malfunction in side air bag module RH D · Malfunction in air bag diagnosis sensor unit DTC CONFIRMATION PROCEDURE 1.CHECK SELF-DIAG RESULT Ε (P) With CONSULT Turn ignition switch ON. 1. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT. 2. 🕅 Without CONSULT 1. Turn ignition switch ON. Check the air bag warning lamp status SRC-12, "On Board Diagnosis Function" 2. NOTE: SRS does not enter the diagnosis mode if no malfunction is detected in the user mode. Is malfunctioning part detected? SRC YES >> Refer to SRC-109, "Diagnosis Procedure". NO >> INSPECTION END Diagnosis Procedure INEOID-000000012347065 WARNING: Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.) Never use unspecified tester or other measuring device. 1.CHECK HARNESS CONNECTOR Κ Check the harness connector. Is the inspection result normal? YES >> GO TO 2. NO >> Replace harness connector. 2. CHECK WIRING HARNESS M Check the wiring harness externals. Is the inspection result normal? Ν 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-25, "Removal and Installation". Perform DTC confirmation procedure. Refer to <u>SRC-109</u>, "DTC Logic". 2. Is DTC detected? Ρ YES >> GO TO 4. NO >> INSPECTION END **4.**REPLACE SIDE AIR BAG MODULE

1. Replace side air bag module RH. Refer to SE-126, "SEATBACK : Disassembly and Assembly".

2. Perform DTC confirmation procedure. Refer to <u>SRC-109, "DTC Logic"</u>.

Is DTC detected?

B1129 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

< DTC/CIRCUIT DIAGNOSIS >

B1130 SIDE AIR BAG MODULE RH

DTC Logic

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INFOID:000000012347066

DTC DETECTION LOGIC

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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
	NFIRMATION PRO		
1. CHEC	K SELF-DIAG RESU	LT	
 Turn Performance Witho Turn Check 	ut CONSULT ignition switch ON.	esult" mode of "AIR BAG" using CO lamp status. Refer to <u>SRC-12, "On l</u>	
NOTE: SRS doe	s not enter the diagno	sis mode if no malfunction is detected	ed in the user mode
	ectioning part detected		
	>> Refer to <u>SRC-111,</u> >> INSPECTION END	"Diagnosis Procedure".	
	>> INSPECTION EINL)	
-	eie Drocoduro		
-	sis Procedure		INFOID:000000012347067
Diagno WARNIN • Before minute	G: servicing, turn ignit s or more. (To disch	arge backup capacitor.)	INFOID:000000012347067
Diagno WARNIN • Before minute • Never	I <mark>G:</mark> servicing, turn ignit s or more. (To disch use unspecified test	arge backup capacitor.) er or other measuring device.	
Diagno WARNIN • Before minute • Never 1.CHEC	G: servicing, turn ignit s or more. (To disch	arge backup capacitor.) er or other measuring device.	
Diagno WARNIN • Before minute • Never 1.CHEC Check th Is the ins	G: servicing, turn ignit s or more. (To disch use unspecified test CK HARNESS CONNE e harness connector. spection result normal?	arge backup capacitor.) er or other measuring device. ECTOR	
Diagno WARNIN • Before minute • Never 1.CHEC Check th Is the ins YES	G: servicing, turn ignit s or more. (To disch use unspecified test CK HARNESS CONNE e harness connector. pection result normal? >> GO TO 2.	arge backup capacitor.) er or other measuring device. ECTOR	
Diagno WARNIN • Before minute • Never 1.CHEC Check th Is the ins YES NO	G: servicing, turn ignit s or more. (To disch use unspecified test CK HARNESS CONNE e harness connector. spection result normal?	arge backup capacitor.) er or other measuring device. ECTOR	
Diagno WARNIN • Before minute • Never 1.CHEC Check th Is the ins YES NO 2.CHEC	G: servicing, turn ignit s or more. (To disch use unspecified test CK HARNESS CONNE e harness connector. spection result normal? >> GO TO 2. >> Replace harness c	arge backup capacitor.) er or other measuring device. ECTOR 2 connector.	
Diagno WARNIN • Before minute • Never 1.CHEC Check th Is the ins YES NO 2.CHEC Check th Is the ins	G: servicing, turn ignit s or more. (To disch use unspecified test CK HARNESS CONNE e harness connector. pection result normal? >> GO TO 2. >> Replace harness c CK WIRING HARNESS e wiring harness exter pection result normal?	arge backup capacitor.) er or other measuring device. ECTOR 2 connector. 5 mals.	
Diagno WARNIN • Before minute • Never 1.CHEC Check th Is the ins YES NO 2.CHEC Check th Is the ins YES	G: servicing, turn ignit s or more. (To disch use unspecified test CK HARNESS CONNE e harness connector. pection result normal? >> GO TO 2. >> Replace harness c CK WIRING HARNESS e wiring harness exter pection result normal? >> GO TO 3.	arge backup capacitor.) er or other measuring device. ECTOR 2 connector. 5 mals.	
Diagno WARNIN • Before minute • Never 1.CHEC Check th Is the ins YES NO Check th Is the ins YES NO	G: servicing, turn ignit s or more. (To dischuse unspecified teste CK HARNESS CONNE e harness connector. pection result normal? >> GO TO 2. >> Replace harness con CK WIRING HARNESS e wiring harness exter spection result normal? >> GO TO 3. >> Replace wiring har	arge backup capacitor.) er or other measuring device. ECTOR 2 connector. 5 mals.	
Diagno WARNIN • Before minute • Never 1.CHEC Check th Is the ins YES NO 2.CHEC Check th Is the ins YES NO 3.REPL 1. Repl	G: servicing, turn ignit s or more. (To disch- use unspecified test CK HARNESS CONNE e harness connector. pection result normal? >> GO TO 2. >> Replace harness c CK WIRING HARNESS e wiring harness exter pection result normal? >> GO TO 3. >> Replace wiring har ACE AIR BAG DIAGN ace air bag diagnosis	arge backup capacitor.) er or other measuring device. ECTOR 2 connector. 3 mals. 2 mess. IOSIS SENSOR UNIT sensor unit. Refer to <u>SR-25, "Remov</u>	ry negative terminal, and wait at least 3
Diagno WARNIN • Before minute • Never 1.CHEC Check th Is the ins YES NO 2.CHEC Check th Is the ins YES NO 3.REPL 1. Repl	G: servicing, turn ignit is or more. (To dischuse unspecified test CK HARNESS CONNE e harness connector. pection result normal? >> GO TO 2. >> Replace harness con CK WIRING HARNESS e wiring harness exter pection result normal? >> GO TO 3. >> Replace wiring har ACE AIR BAG DIAGN ace air bag diagnosis orm DTC confirmation	arge backup capacitor.) er or other measuring device. ECTOR 2 connector. 5 mals. 2 mess. IOSIS SENSOR UNIT	ry negative terminal, and wait at least 3
Diagno WARNIN • Before minute • Never 1.CHEC Check th Is the ins YES NO 2.CHEC Check th Is the ins YES NO 3.REPL 1. Repl 2. Perfor Is DTC d YES	G: servicing, turn ignit is or more. (To dischuse unspecified test CK HARNESS CONNE e harness connector. pection result normal? >> GO TO 2. >> Replace harness con CK WIRING HARNESS e wiring harness exter pection result normal? >> GO TO 3. >> Replace wiring har ACE AIR BAG DIAGN ace air bag diagnosis orm DTC confirmation	arge backup capacitor.) er or other measuring device. ECTOR 2 connector. 3 mals. 2 mess. IOSIS SENSOR UNIT sensor unit. Refer to <u>SR-25, "Remor</u> procedure. Refer to <u>SR-25, "Remor</u>	ry negative terminal, and wait at least 3

1. Replace side air bag module RH. Refer to <u>SE-126, "SEATBACK : Disassembly and Assembly"</u>.

2. Perform DTC confirmation procedure. Refer to <u>SRC-111, "DTC Logic"</u>.

Is DTC detected?

Revision: September 2015

B1130 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

< DTC/CIRCUIT DIAGNOSIS >

B1131 SIDE AIR BAG MODULE RH

DTC Logic

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INFOID:000000012347068

DTC DETECTION LOGIC

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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
ртс со	VERMATION PROC	CEDURE	
1.CHEC	K SELF-DIAG RESUL	Т	
 Perfo Withou Turn i Chec 	gnition switch ON. rm "Self Diagnostic Re it CONSULT gnition switch ON.	esult" mode of "AIR BAG" using CON lamp status. Refer to <u>SRC-12, "On E</u>	
NOTE: SRS does	not enter the diagnos	sis mode if no malfunction is detecte	d in the user mode.
	ctioning part detected		
	Refer to <u>SRC-113</u> , INSPECTION END	"Diagnosis Procedure".	
	sis Procedure		
WARNIN	G:	ion switch OFF. disconnect batter	INFOLD:000000012347069
• Before minutes	G: servicing, turn igniti s or more. (To discha ise unspecified teste	arge backup capacitor.) er or other measuring device.	v negative terminal, and wait at least 3
• Before minutes • Never u 1.CHEC	G: servicing, turn igniti s or more. (To discha ise unspecified teste K HARNESS CONNE	arge backup capacitor.) er or other measuring device.	
WARNING • Before minutes • Never u 1.CHECI Check the	G: servicing, turn igniti s or more. (To discha ise unspecified teste	arge backup capacitor.) er or other measuring device. CTOR	
WARNING • Before minutes • Never u 1.CHEC Check the Is the insp YES >	G: servicing, turn igniti s or more. (To discha ise unspecified teste K HARNESS CONNE harness connector. harness connector. >> GO TO 2.	arge backup capacitor.) er or other measuring device. CTOR	
WARNING • Before minutes • Never u 1.CHECI Check the Is the insp YES NO >	G: servicing, turn igniti s or more. (To discha ise unspecified teste K HARNESS CONNE harness connector. harness connector. harness connector. coection result normal? GO TO 2.	arge backup capacitor.) er or other measuring device. CTOR onnector.	
WARNING • Before minutes • Never u 1.CHECI Check the Is the insp YES NO 2.CHECI	G: servicing, turn igniti s or more. (To discha ise unspecified teste K HARNESS CONNE harness connector. harness connector. >> GO TO 2.	arge backup capacitor.) er or other measuring device. CTOR	
WARNING • Before minutes • Never u 1.CHEC Check the Is the insp YES NO 2.CHEC Check the Is the insp	G: servicing, turn igniti s or more. (To discha ise unspecified teste K HARNESS CONNE harness connector. bection result normal? >> GO TO 2. >> Replace harness co K WIRING HARNESS wiring harness extern bection result normal?	arge backup capacitor.) er or other measuring device. CTOR onnector.	
WARNING • Before minutes • Never u 1.CHEC Check the Is the insp YES 2.CHEC Check the Is the insp YES 2.CHEC	G: servicing, turn igniti s or more. (To discha ise unspecified teste K HARNESS CONNE harness connector. bection result normal? >> GO TO 2. >> Replace harness co K WIRING HARNESS wiring harness extern bection result normal? >> GO TO 3.	arge backup capacitor.) er or other measuring device. CTOR onnector.	
WARNING • Before minutes • Never u 1.CHEC Check the Is the insp YES NO Check the Is the insp YES NO S	G: servicing, turn igniti s or more. (To discha ise unspecified tester K HARNESS CONNE harness connector. > GO TO 2. > Replace harness con K WIRING HARNESS wiring harness extern pection result normal? > GO TO 3. > Replace wiring harness	arge backup capacitor.) er or other measuring device. CTOR onnector.	
WARNING • Before minutes • Never u 1.CHECI Check the Is the insp YES NO 2.CHECI Check the Is the insp YES NO 3.REPLA 1. Repla	G: servicing, turn igniti s or more. (To discha ise unspecified tester K HARNESS CONNE harness connector. cection result normal? CO TO 2. Replace harness con K WIRING HARNESS wiring harness extern pection result normal? S GO TO 3. CE AIR BAG DIAGN ace air bag diagnosis s	arge backup capacitor.) er or other measuring device. CTOR onnector. nals. Ness. OSIS SENSOR UNIT sensor unit. Refer to <u>SR-25, "Remov</u>	y negative terminal, and wait at least 3
WARNING • Before minutes • Never u 1.CHEC Check the Is the insp YES NO 2.CHEC Check the Is the insp YES NO 3.REPLA 1. Repla 2. Perfo	G: servicing, turn igniti s or more. (To discha ise unspecified tester K HARNESS CONNE harness connector. Dection result normal? >> GO TO 2. >> Replace harness ca K WIRING HARNESS wiring harness extern Dection result normal? >> GO TO 3. >> Replace wiring harness ACE AIR BAG DIAGN ace air bag diagnosis s rm DTC confirmation	arge backup capacitor.) er or other measuring device. CTOR onnector. nals. Ness. OSIS SENSOR UNIT	y negative terminal, and wait at least 3
WARNING • Before minutes • Never u 1.CHECI Check the Is the insp YES NO 2.CHECI Check the Is the insp YES NO 3.REPLA 1. Repla 2. Perfo Is DTC de	G: servicing, turn igniti s or more. (To discha ise unspecified tester K HARNESS CONNE harness connector. Dection result normal? >> GO TO 2. >> Replace harness ca K WIRING HARNESS wiring harness extern Dection result normal? >> GO TO 3. >> Replace wiring harness ACE AIR BAG DIAGN ace air bag diagnosis s rm DTC confirmation	arge backup capacitor.) er or other measuring device. CTOR onnector. nals. Ness. OSIS SENSOR UNIT sensor unit. Refer to <u>SR-25, "Remov</u>	y negative terminal, and wait at least 3
WARNING • Before minutes • Never u 1.CHECI Check the Is the insp YES NO 2.CHECI Check the Is the insp YES NO 3.REPLA 1. Repla 2. Perfo IS DTC de YES NO 2. NO 3. NO	G: servicing, turn igniti s or more. (To discha ise unspecified tester K HARNESS CONNE harness connector. Dection result normal? >> GO TO 2. >> Replace harness con K WIRING HARNESS wiring harness extern Dection result normal? >> GO TO 3. >> Replace wiring harness acce AIR BAG DIAGN acce air bag diagnosis arm DTC confirmation etected?	arge backup capacitor.) er or other measuring device. CTOR onnector. nals. Ness. OSIS SENSOR UNIT sensor unit. Refer to <u>SR-25, "Remov</u> procedure. Refer to <u>SRC-113, "DTC</u>	y negative terminal, and wait at least 3

Replace side air bag module RH. Refer to <u>SE-126, "SEATBACK : Disassembly and Assembly"</u>.
 Perform DTC confirmation procedure. Refer to <u>SRC-113, "DTC Logic"</u>.

Is DTC detected?

Revision: September 2015

B1131 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

< DTC/CIRCUIT DIAGNOSIS >

B1132 SIDE AIR BAG MODULE RH

DTC Logic

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INFOID:000000012347070

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 short- ed 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 CC	ONFIRMATION PRO	CEDURE	
1. CHE	CK SELF-DIAG RESU	ILT	
 Turr Perf Witho Turr 	out CONSULT ignition switch ON.	Result" mode of "AIR BAG" using CC g lamp status. Refer to <u>SRC-12, "On</u>	
NOTE:			
	•	osis mode if no malfunction is detect	ed in the user mode.
YES	nctioning part detected >> Refer to SRC-115	<u>u ?</u> 5. "Diagnosis Procedure".	
NO	>> INSPECTION EN		
Diagno	osis Procedure		
-			INFOID:000000012347071
• Before minute • Never	∖G: ∋ servicing, turn igni es or more. (To discl	harge backup capacitor.) ter or other measuring device.	INFOID:000000012347071
WARNIN • Before minute • Never 1.CHE	NG: e servicing, turn igni es or more. (To disch use unspecified tes	harge backup capacitor.) ter or other measuring device. ECTOR	
WARNIN • Before minute • Never 1.CHE(Check th	NG: e servicing, turn igni es or more. (To disch use unspecified tes CK HARNESS CONN ne harness connector. spection result normal	harge backup capacitor.) ter or other measuring device. ECTOR	
WARNIN • Before minute • Never 1.CHE Check th Is the ins YES	NG: e servicing, turn igni es or more. (To disch use unspecified tes CK HARNESS CONN ne harness connector. spection result normal >> GO TO 2.	harge backup capacitor.) ter or other measuring device. ECTOR	
WARNIN • Before minute • Never 1.CHE(Check the Is the inst YES NO	NG: e servicing, turn ignites or more. (To dischuse unspecified test CK HARNESS CONN ne harness connector. spection result normal >> GO TO 2. >> Replace harness	harge backup capacitor.) ter or other measuring device. ECTOR <u>P</u> connector.	
WARNIN • Before minute • Never 1.CHEC Check the Is the inserved YES NO 2.CHEC	NG: e servicing, turn igni es or more. (To disch use unspecified tes CK HARNESS CONN ne harness connector. spection result normal >> GO TO 2. >> Replace harness CK WIRING HARNES	harge backup capacitor.) ter or other measuring device. ECTOR <u>?</u> connector.	
WARNIN • Before minuta • Never 1.CHE Check the Is the inst YES NO 2.CHE Check the	NG: e servicing, turn ignites or more. (To dischuse unspecified test CK HARNESS CONN ne harness connector. spection result normal >> GO TO 2. >> Replace harness	harge backup capacitor.) ter or other measuring device. ECTOR ? connector. S ernals.	
WARNIN • Before minute • Never 1.CHEC Check the Is the inst YES NO 2.CHEC Check the Is the inst YES	NG: e servicing, turn igni es or more. (To disch use unspecified tes CK HARNESS CONN ne harness connector. spection result normal >> GO TO 2. >> Replace harness CK WIRING HARNES ne wiring harness extense spection result normal >> GO TO 3.	harge backup capacitor.) ter or other measuring device. ECTOR ? connector. S ernals. ?	
WARNIN • Before minute • Never 1.CHEC Check the Is the inst YES NO Check the Is the inst YES NO	NG: e servicing, turn igni es or more. (To disch use unspecified tes CK HARNESS CONN he harness connector. spection result normal >> GO TO 2. >> Replace harness CK WIRING HARNES he wiring harness extense spection result normal >> GO TO 3. >> Replace wiring harness	harge backup capacitor.) ter or other measuring device. ECTOR ? connector. S ernals. ? arness.	
WARNIN • Before minute • Never 1.CHEC Check the Is the inst YES NO 2.CHEC Check the Is the inst YES NO 3.REPL	NG: e servicing, turn igni es or more. (To disch use unspecified tes CK HARNESS CONN ne harness connector. spection result normal >> GO TO 2. >> Replace harness CK WIRING HARNES ne wiring harness extens spection result normal >> GO TO 3. >> Replace wiring har aACE AIR BAG DIAG	harge backup capacitor.) ter or other measuring device. ECTOR 22 connector. 25 ernals. 27 ernals. 12 ernals. 12 ernals.	ery negative terminal, and wait at least 3
WARNIN • Before minute • Never 1.CHEC Check the Is the inst YES NO 2.CHEC Check the Is the inst YES NO 3.REPL 1. Rep	NG: e servicing, turn igni es or more. (To disch use unspecified tes CK HARNESS CONN he harness connector. spection result normal >> GO TO 2. >> Replace harness CK WIRING HARNES he wiring harness extension spection result normal >> GO TO 3. >> Replace wiring har acce AIR BAG DIAG	harge backup capacitor.) ter or other measuring device. ECTOR ? connector. S ernals. ? arness.	ery negative terminal, and wait at least 3
WARNIN • Before minute • Never 1.CHEC Check the Is the inst YES NO 2.CHEC Check the Is the inst YES NO 3.REPL 1. Rep 2. Perf Is DTC construction	NG: e servicing, turn igni es or more. (To disch use unspecified tes CK HARNESS CONN ne harness connector. spection result normal >> GO TO 2. >> Replace harness CK WIRING HARNES ne wiring harness extens spection result normal >> GO TO 3. >> Replace wiring ha ACE AIR BAG DIAGI lace air bag diagnosis form DTC confirmation detected?	harge backup capacitor.) ter or other measuring device. ECTOR ? connector. S ernals. ? arness. NOSIS SENSOR UNIT s sensor unit. Refer to <u>SR-25, "Remo</u>	ery negative terminal, and wait at least 3
WARNIN • Before minute • Never 1.CHEC Check the Is the inserved YES NO 2.CHEC Check the Is the inserved YES NO 3.REPL 1. Rep 2. Perf	NG: e servicing, turn igni es or more. (To disch use unspecified tes CK HARNESS CONN ne harness connector. spection result normal >> GO TO 2. >> Replace harness CK WIRING HARNES ne wiring harness exter spection result normal >> GO TO 3. >> Replace wiring ha ACE AIR BAG DIAGI lace air bag diagnosis form DTC confirmation	harge backup capacitor.) ter or other measuring device. ECTOR ? connector. S ernals. ? arness. NOSIS SENSOR UNIT a sensor unit. Refer to <u>SR-25, "Remo</u> n procedure. Refer to <u>SRC-115, "DT(</u>	ery negative terminal, and wait at least 3

1. Replace side air bag module RH. Refer to <u>SE-126, "SEATBACK : Disassembly and Assembly"</u>.

2. Perform DTC confirmation procedure. Refer to <u>SRC-115, "DTC Logic"</u>.

Is DTC detected?

B1132 SIDE AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1134 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1134 SIDE AIR BAG MODULE LH

DTC Logic

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INFOID:000000012347072

DTC DETECTION LOGIC

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INFOID:000000012347073

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DTC	Display contents of CON- SULT	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
1			

1.CHECK SELF-DIAG RESULT

(I) 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.
- Check the air bag warning lamp status. Refer to <u>SRC-12, "On Board Diagnosis Function"</u>. NOTE:
- SRS does not enter the diagnosis mode if no malfunction is detected in the user mode.

Is malfunctioning part detected?

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

Diagnosis Procedure

WARNING:

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

Check the harness connector.

<u>Is the inspection result normal?</u> 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.

 $\mathbf{3}$.Replace air bag diagnosis sensor unit

- 1. Replace air bag diagnosis sensor unit. Refer to <u>SR-25, "Removal and Installation"</u>.
- Perform DTC confirmation procedure. Refer to <u>SRC-117, "DTC Logic"</u>.

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-126, "SEATBACK : Disassembly and Assembly".
- 2. Perform DTC confirmation procedure. Refer to <u>SRC-117, "DTC Logic"</u>.

Is DTC detected?

Revision: September 2015

SRC-117

B1134 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

< DTC/CIRCUIT DIAGNOSIS >

B1135 SIDE AIR BAG MODULE LH

DTC Logic

INFOID:0000000012347074

DTC DETECTION LOGIC

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	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
отс со	NFIRMATION PRO	CEDURE	
1. CHEC	K SELF-DIAG RESU	LT	
1. Turn 2. Perfo 🕱 Witho	CONSULT ignition switch ON. orm "Self Diagnostic R ut CONSULT ignition switch ON.	Result" mode of "AIR BAG" using CON	ISULT.
2. Cheo		lamp status. Refer to SRC-12, "On B	oard Diagnosis Function".
NOTE: SRS doe	s not enter the diagno	sis mode if no malfunction is detected	d in the user mode.
s malfun	ctioning part detected	<u>?</u>	
	>> Refer to <u>SRC-119,</u> >> INSPECTION END	<u>"Diagnosis Procedure"</u> .	
	sis Procedure		INFOID:000000012347075
-			
WARNIN			
minute	servicing, turn ignit s or more. (To disch	arge backup capacitor.)	y negative terminal, and wait at least 3
minute Never	servicing, turn ignit s or more. (To disch	arge backup capacitor.) er or other measuring device.	y negative terminal, and wait at least 3
minute Never 1.CHEC	servicing, turn ignit s or more. (To disch use unspecified test	arge backup capacitor.) er or other measuring device.	y negative terminal, and wait at least 3
minute Never 1.CHEC Check th s the ins	servicing, turn ignit s or more. (To disch use unspecified test K HARNESS CONNE e harness connector. pection result normal?	arge backup capacitor.) er or other measuring device. ECTOR	y negative terminal, and wait at least 3
minute Never 1.CHEC Check th s the ins YES	servicing, turn ignit s or more. (To disch use unspecified test K HARNESS CONNE e harness connector. pection result normal? >> GO TO 2.	arge backup capacitor.) er or other measuring device. ECTOR	y negative terminal, and wait at least 3
minute Never 1.CHEC Check th s the ins YES NO	servicing, turn ignit s or more. (To disch use unspecified test K HARNESS CONNE e harness connector. pection result normal?	arge backup capacitor.) er or other measuring device. ECTOR 2 connector.	y negative terminal, and wait at least 3
minute Never 1.CHEC Check th s the ins YES NO 2.CHEC	servicing, turn ignit s or more. (To disch use unspecified test K HARNESS CONNE e harness connector. pection result normal? >> GO TO 2. >> Replace harness c	arge backup capacitor.) er or other measuring device. ECTOR 2 connector.	y negative terminal, and wait at least 3
minute Never 1.CHEC Check th s the ins YES NO 2.CHEC Check th s the ins	servicing, turn ignit s or more. (To disch use unspecified test K HARNESS CONNE e harness connector. pection result normal? >> GO TO 2. >> Replace harness of K WIRING HARNESS e wiring harness exter pection result normal?	arge backup capacitor.) er or other measuring device. ECTOR 2 connector. 5 mals.	y negative terminal, and wait at least 3
minute Never 1.CHEC Check th s the ins YES NO 2.CHEC Check th s the ins YES	servicing, turn ignit s or more. (To disch use unspecified test K HARNESS CONNE e harness connector. pection result normal? >> GO TO 2. >> Replace harness c K WIRING HARNESS e wiring harness exter pection result normal? >> GO TO 3.	arge backup capacitor.) er or other measuring device. ECTOR 2 connector. 5 mals. 2	y negative terminal, and wait at least 3
minute Never 1.CHEC Check th s the ins YES NO 2.CHEC Check th is the ins YES NO	servicing, turn ignit s or more. (To disch use unspecified test K HARNESS CONNE e harness connector. pection result normal? >> GO TO 2. >> Replace harness c K WIRING HARNES? e wiring harness exter pection result normal? >> GO TO 3. >> Replace wiring har	arge backup capacitor.) er or other measuring device. ECTOR 2 connector. 5 mals. 2 mess.	y negative terminal, and wait at least 3
minute Never 1.CHEC Check th Is the ins YES NO 2.CHEC Check th Is the ins YES NO 3.REPL	servicing, turn ignit s or more. (To disch use unspecified test K HARNESS CONNE e harness connector. pection result normal? >> GO TO 2. >> Replace harness of K WIRING HARNESS e wiring harness exter pection result normal? >> GO TO 3. >> Replace wiring har ACE AIR BAG DIAGN	arge backup capacitor.) er or other measuring device. ECTOR 2 connector. 5 mals. 2	
minute Never 1.CHEC Check the is the ins YES NO 2.CHEC Check the is the ins YES NO 3.REPL 1. Repl 2. Performance	servicing, turn ignit s or more. (To disch use unspecified test K HARNESS CONNE e harness connector. pection result normal? >> GO TO 2. >> Replace harness of K WIRING HARNESS e wiring harness exter pection result normal? >> GO TO 3. >> Replace wiring har ACE AIR BAG DIAGN ace air bag diagnosis orm DTC confirmation	arge backup capacitor.) er or other measuring device. ECTOR 2 connector. 3 rnals. 2 rness. IOSIS SENSOR UNIT	al and Installation".
minute Never 1.CHEC Check th s the ins YES NO 2.CHEC Check th is the ins YES NO 3.REPL 1. Repl 2. Perfor	servicing, turn ignit s or more. (To disch use unspecified test K HARNESS CONNE e harness connector. pection result normal? >> GO TO 2. >> Replace harness of K WIRING HARNESS e wiring harness exter pection result normal? >> GO TO 3. >> Replace wiring har ACE AIR BAG DIAGN ace air bag diagnosis orm DTC confirmation etected?	arge backup capacitor.) er or other measuring device. ECTOR 2 connector. 3 rnals. 2 rness. IOSIS SENSOR UNIT sensor unit. Refer to <u>SR-25, "Remov</u>	al and Installation".
minute Never 1.CHEC Check th s the ins YES NO 2.CHEC Check th s the ins YES NO 3.REPL 1. Repl 2. Perfor s DTC d YES	servicing, turn ignit s or more. (To disch use unspecified test K HARNESS CONNE e harness connector. pection result normal? >> GO TO 2. >> Replace harness of K WIRING HARNESS e wiring harness exter pection result normal? >> GO TO 3. >> Replace wiring har ACE AIR BAG DIAGN ace air bag diagnosis orm DTC confirmation	arge backup capacitor.) er or other measuring device. ECTOR 2 connector. 3 rnals. 2 rness. IOSIS SENSOR UNIT sensor unit. Refer to <u>SR-25, "Removi</u> procedure. Refer to <u>SRC-119, "DTC</u>	al and Installation".

- **4.**REPLACE SIDE AIR BAG MODULE
- 1. Replace side air bag module LH. Refer to SE-126, "SEATBACK : Disassembly and Assembly".
- 2. Perform DTC confirmation procedure. Refer to <u>SRC-119, "DTC Logic"</u>.

Is DTC detected?

Revision: September 2015

B1135 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

< DTC/CIRCUIT DIAGNOSIS >

B1136 SIDE AIR BAG MODULE LH

DTC Logic

INFOID:000000012347076

DTC DETECTION LOGIC

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Display contents of DTC Possible cause DTC detecting condition CONSULT · Harness or connectors SIDE MODULE LH Side air bag module LH circuit is shorted to (The module circuit is shorted.) B1136 [GND-SHORT] Malfunction in side air bag module LH around D · Malfunction in air bag diagnosis sensor unit DTC CONFIRMATION PROCEDURE Ε CHECK SELF-DIAG RESULT (P) With CONSULT 1. Turn ignition switch ON. 2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT. 🕅 Without CONSULT Turn ignition switch ON. 1 Check the air bag warning lamp status. Refer to SRC-12, "On Board Diagnosis Function". 2. NOTE: SRS does not enter the diagnosis mode if no malfunction is detected in the user mode. Is malfunctioning part detected? SRC YES >> Refer to SRC-121, "Diagnosis Procedure". NO >> INSPECTION END Diagnosis Procedure INFOID-000000012347077 WARNING: Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.) Never use unspecified tester or other measuring device. 1.CHECK HARNESS CONNECTOR Κ Check the harness connector. Is the inspection result normal? YES >> GO TO 2. NO >> Replace harness connector. 2.CHECK WIRING HARNESS M Check the wiring harness externals. Is the inspection result normal? Ν YES >> GO TO 3. NO >> Replace wiring harness. 3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT Replace air bag diagnosis sensor unit. Refer to SR-25, "Removal and Installation". 1 2. Perform DTC confirmation procedure. Refer to <u>SRC-121, "DTC Logic"</u>. Is DTC detected? Ρ YES >> GO TO 4.

- NO >> INSPECTION END
- **4.**REPLACE SIDE AIR BAG MODULE
- 1. Replace side air bag module LH. Refer to SE-126, "SEATBACK : Disassembly and Assembly".
- 2. Perform DTC confirmation procedure. Refer to <u>SRC-121, "DTC Logic"</u>.

Is DTC detected?

Revision: September 2015

B1136 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1137 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1137 SIDE AIR BAG MODULE LH

DTC Logic

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INFOID:000000012347078

DTC DETECTION LOGIC

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DTC	Display contents of CONSULT	DTC detecting condition	Possible cause	С
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 	D
DTC CC	NFIRMATION PRO	CEDURE		
1 .CHEC	CK SELF-DIAG RESU	LT		E
 Turn Perfe Witho 	CONSULT ignition switch ON. orm "Self Diagnostic R ut CONSULT ignition switch ON.	esult" mode of "AIR BAG" using CO	NSULT.	F
		lamp status. Refer to SRC-12, "On E	Board Diagnosis Function".	G
SRS doe <u>Is malfur</u> YES	nctioning part detected	"Diagnosis Procedure".	d in the user mode.	SR
Diagno	sis Procedure		INFOID:000000012347079	Ι
minute	servicing, turn ignites or more. (To disch	tion switch OFF, disconnect batter arge backup capacitor.) er or other measuring device.	y negative terminal, and wait at least 3	J
4	K HARNESS CONNE	-		K
Check th	e harness connector.			
YES	pection result normal? >> GO TO 2. >> Replace harness of	_		L
-	K WIRING HARNES			M
Is the ins	e wiring harness exter spection result normal?			N
YES	>> GO TO 3.			

NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to <u>SR-25, "Removal and Installation"</u>.

Perform DTC confirmation procedure. Refer to <u>SRC-123, "DTC Logic"</u>.

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-126, "SEATBACK : Disassembly and Assembly".

2. Perform DTC confirmation procedure. Refer to <u>SRC-123, "DTC Logic"</u>.

Is DTC detected?

Revision: September 2015

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B1137 SIDE AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1138, B1139, B1140, B1141, B1142, B1143 DIAGNOSIS SENSOR UNIT < DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000012347080

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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
4	NFIRMATION PRO		
	K SELF-DIAG RESU	JLT	
 Turn Perfo Withou Turn 	ut CONSULT ignition switch ON.	Result" mode of "AIR BAG" using CONSU g lamp status. Refer to <u>SRC-12, "On Boar</u>	
NOTE:	-		-
	s not enter the diagn ctioning part detecte	osis mode if no malfunction is detected in d?	the user mode.
YES >		5. "Diagnosis Procedure".	
Diagnos	sis Procedure		INFOID:000000012347081
minute: • Never u	servicing, turn ign s or more. (To disc	ition switch OFF, disconnect battery no harge backup capacitor.) ter or other measuring device. IECTOR	egative terminal, and wait at least 3
Check the	e harness connector		
YES 2	<u>pection result norma</u> >> GO TO 2. >> Replace harness	connectors.	
-	K WIRING HARNES		
Is the ins	e wiring harness exte pection result norma >> GO TO 3.		
•	>> Replace wiring hat ACE AIR BAG DIAG	arness. NOSIS SENSOR UNIT	
		s sensor unit. Refer to <u>SR-25, "Removal a</u> n procedure. Refer to <u>SRC-125, "DTC Loc</u>	

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

< DTC/CIRCUIT DIAGNOSIS >

B1144 DIAGNOSIS SENSOR UNIT

DTC Logic

INFOID:000000012347082

DTC DETECTION LOGIC

DTC	Display contents of CON- SULT	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

(P) With CONSULT

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 <u>SRC-126. "Diagnosis Procedure"</u>.

NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000012347083

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

 $\mathbf{3}$.replace air bag diagnosis sensor unit

1. Replace air bag diagnosis sensor unit. Refer to <u>SR-25, "Removal and Installation"</u>.

2. Perform DTC confirmation procedure. Refer to <u>SRC-126. "DTC Logic"</u>.

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

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INFOID:000000012347084

DTC DETECTION LOGIC

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INFOID:000000012347085

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause	С
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 	D
	ONFIRMATION PRO			E
1. Tur	CONSULT n ignition switch ON. form "Self Diagnostic I	Result" mode of "AIR BAG" using CO	ONSULT.	F

Without CONSULT

- 1. Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to <u>SRC-12, "On Board Diagnosis Function"</u>. NOTE:

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

Is malfunctioning part detected?

YES >> Refer to <u>SRC-127, "Diagnosis Procedure"</u>.

NO >> INSPECTION END

Diagnosis Procedure

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector. Is the inspection result normal?

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

2. CHECK WIRING HARNESS

Check the wiring harness externals.

	Is the insi	pection result normal?
--	-------------	------------------------

YES	>> GO	TO 3.
-----	-------	-------

NO >> Replace wiring harness.

 $\mathbf{3}$.Replace air bag diagnosis sensor unit

- 1. Replace air bag diagnosis sensor unit. Refer to <u>SR-25, "Removal and Installation"</u>.
- Perform DTC confirmation procedure. Refer to <u>SRC-127, "DTC Logic"</u>.

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 <u>SR-19, "Removal and Installation"</u>.

2. Perform DTC confirmation procedure. Refer to <u>SRC-127, "DTC Logic"</u>.

Is DTC detected?

Revision: September 2015

SRC-127

B1145 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1146 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1146 CURTAIN AIR BAG MODULE RH

DTC Logic

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INFOID:000000012347086

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
TC CC	NFIRMATION PRO	CEDURE	
I.CHE	CK SELF-DIAG RESUL	T	
I. Turr 2. Perf R Witho I. Turr	CONSULT ignition switch ON. orm "Self Diagnostic R out CONSULT ignition switch ON.	esult" mode of "AIR BAG" using (CONSULT.
	ck the air bag warning	lamp status. Refer to <u>SRC-12, "C</u>	on Board Diagnosis Function".
NOTE: SRS doe <u>s malfur</u> YES	es not enter the diagnor actioning part detected >> Refer to <u>SRC-129,</u>	sis mode if no malfunction is dete ? "Diagnosis Procedure".	-
NOTE: SRS doe I <u>s malfur</u> YES NO	es not enter the diagnometric diagnometri Annometric diagnometric di	sis mode if no malfunction is dete ? "Diagnosis Procedure".	-

1.CHECK HARNESS CONNECTOR

Check the harness connector. Is the inspection result normal? L YES >> GO TO 2. NO >> Replace harness connector. 2. CHECK WIRING HARNESS Μ Check the wiring harness externals. Is the inspection result normal? Ν YES >> GO TO 3. NO >> Replace wiring harness. ${\it 3.}$ REPLACE AIR BAG DIAGNOSIS SENSOR UNIT Replace air bag diagnosis sensor unit. Refer to SR-25, "Removal and Installation". 1. Perform DTC confirmation procedure. Refer to SRC-129, "DTC Logic". 2. Is DTC detected? Ρ YES >> GO TO 4.

- >> INSPECTION END NO
- **4.**REPLACE CURTAIN AIR BAG MODULE
- Replace curtain air bag module RH. Refer to SR-19, "Removal and Installation". 1.
- Perform DTC confirmation procedure. Refer to SRC-129, "DTC Logic". 2.

Is DTC detected?

Revision: September 2015

B1146 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1147 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1147 CURTAIN AIR BAG MODULE RH

DTC Logic

INFOID:0000000012347088

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	r	5	
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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 CO	ONFIRMATION PR	OCEDURE	
1. CHE	CK SELF-DIAG RES	ULT	
1. Turn 2. Per Witho 1. Turn 2. Che NOTE: SRS do Is malfu YES	out CONSULT n ignition switch ON. eck the air bag warnir es not enter the diagonation of the diagonatic detected of the diagonatic det	1, "Diagnosis Procedure".	Board Diagnosis Function".
NO	>> INSPECTION EI	ND	
WARNI		nition switch OFF, disconnect batte	INFOID:000000012347088
• Before minut	NG: e servicing, turn igr es or more. (To disc	charge backup capacitor.) ster or other measuring device.	INFOID:000000012347088
WARNII • Before minut • Never 1.CHE	NG: e servicing, turn igr es or more. (To disc r use unspecified ter	charge backup capacitor.) ster or other measuring device. NECTOR	
WARNII • Before minut • Never 1.CHE Check the Is the in	NG: e servicing, turn ign es or more. (To disc use unspecified ten CK HARNESS CONI he harness connecto spection result norma	charge backup capacitor.) ster or other measuring device. NECTOR r.	
WARNII • Before minut • Never 1.CHE Check the	NG: e servicing, turn ign es or more. (To disc use unspecified ten CK HARNESS CONN he harness connecto	charge backup capacitor.) ster or other measuring device. NECTOR r. al?	
WARNII • Before minut • Never 1.CHE Check the Is the in YES NO	NG: e servicing, turn ign es or more. (To disc use unspecified te CK HARNESS CONI he harness connecto spection result norma >> GO TO 2.	charge backup capacitor.) ster or other measuring device. NECTOR r. al? s connector.	
WARNII • Before minut • Never 1.CHE Check the Is the in YES NO 2.CHE Check the Check the NO	NG: e servicing, turn ign es or more. (To disc use unspecified ten CK HARNESS CONN he harness connecto spection result norma >> GO TO 2. >> Replace harness CK WIRING HARNE	charge backup capacitor.) ster or other measuring device. NECTOR r. al? s connector. SS ternals.	
WARNII • Before minut • Never 1.CHE Check til Is the in YES NO 2.CHE Check til Is the in	NG: e servicing, turn ign es or more. (To disc use unspecified te CK HARNESS CONI he harness connecto spection result norma >> GO TO 2. >> Replace harness CK WIRING HARNE he wiring harness ext spection result norma	charge backup capacitor.) ster or other measuring device. NECTOR r. al? s connector. SS ternals.	
WARNII • Before minut • Never 1.CHE Check the Is the in YES NO 2.CHE Check the Check the NO	NG: e servicing, turn ign es or more. (To disc use unspecified ten CK HARNESS CONN he harness connecto spection result norma >> GO TO 2. >> Replace harness CK WIRING HARNE	charge backup capacitor.) ster or other measuring device. NECTOR r. al? s connector. SS ternals. al?	
WARNII • Before minut • Never 1.CHE Check the Is the in YES NO Check the Is the in YES NO	NG: e servicing, turn ign es or more. (To disc use unspecified ter CK HARNESS CONN he harness connecto spection result norma >> GO TO 2. >> Replace harness CK WIRING HARNE he wiring harness ext spection result norma >> GO TO 3. >> Replace wiring h	charge backup capacitor.) ster or other measuring device. NECTOR r. al? s connector. SS ternals. al?	
WARNII • Before minut • Never 1.CHE Check the Is the in YES NO 2.CHE Check the Is the in YES NO 3.REP 1. Rep	NG: e servicing, turn ign es or more. (To disc r use unspecified ter CK HARNESS CONN he harness connecto spection result norma >> GO TO 2. >> Replace harness CK WIRING HARNE he wiring harness ext spection result norma >> GO TO 3. >> Replace wiring h LACE AIR BAG DIAC	charge backup capacitor.) ster or other measuring device. NECTOR r. al? s connector. SS ternals. al? harness.	ry negative terminal, and wait at least 3
WARNII • Before minut • Never 1.CHE Check the Isthe in YES NO 2.CHE Check the Isthe in YES NO 3.REP 1. Rep 2. Per Is DTC of	NG: e servicing, turn ign es or more. (To disc r use unspecified ter CK HARNESS CONF he harness connecto spection result norma >> GO TO 2. >> Replace harness CK WIRING HARNE he wiring harness ext spection result norma >> GO TO 3. >> Replace wiring h LACE AIR BAG DIAC place air bag diagnos form DTC confirmation	charge backup capacitor.) ster or other measuring device. NECTOR r. al? s connector. SS ternals. al? harness. SNOSIS SENSOR UNIT is sensor unit. Refer to <u>SR-25, "Remo</u> r	ry negative terminal, and wait at least 3
WARNII • Before minut • Never 1.CHE Check til Is the in YES NO 2.CHE Check til Is the in YES NO 3.REPI 1. Rep 2. Per	NG: e servicing, turn ign es or more. (To disc r use unspecified ter CK HARNESS CONN he harness connecto spection result norma >> GO TO 2. >> Replace harness CK WIRING HARNE he wiring harness ext spection result norma >> GO TO 3. >> Replace wiring h LACE AIR BAG DIAC place air bag diagnos form DTC confirmatio	charge backup capacitor.) ster or other measuring device. NECTOR r. al? s connector. SS ternals. al? harness. GNOSIS SENSOR UNIT is sensor unit. Refer to <u>SR-25. "Remo</u> r on procedure. Refer to <u>SR-21, "DTC</u>	ry negative terminal, and wait at least 3

- 1. Replace curtain air bag module RH. Refer to <u>SR-19, "Removal and Installation"</u>.
- 2. Perform DTC confirmation procedure. Refer to <u>SRC-131, "DTC Logic"</u>.

Is DTC detected?

B1147 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1148 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1148 CURTAIN AIR BAG MODULE RH

DTC Logic

INFOID:000000012347090

DTC DETECTION LOGIC

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Display contents of DTC Possible cause DTC detecting condition CONSULT Harness or connectors CURTAIN MODULE RH Curtain air bag module RH circuits are shorted (The module circuit is shorted.) B1148 [SHORT] to each other Malfunction in curtain air bag module RH D · Malfunction in air bag diagnosis sensor unit DTC CONFIRMATION PROCEDURE 1.CHECK SELF-DIAG RESULT Ε (P) With CONSULT Turn ignition switch ON. 1. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT. 2. 🕅 Without CONSULT 1. Turn ignition switch ON. Check the air bag warning lamp status. Refer to <u>SRC-12, "On Board Diagnosis Function"</u>. 2. NOTE: SRS does not enter the diagnosis mode if no malfunction is detected in the user mode. Is malfunctioning part detected? SRC YES >> Refer to SRC-133, "Diagnosis Procedure". NO >> INSPECTION END Diagnosis Procedure INFOID:000000012347091 WARNING: Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.) • Never use unspecified tester or other measuring device. 1.CHECK HARNESS CONNECTOR Κ Check the harness connector. Is the inspection result normal? YES >> GO TO 2. NO >> Replace harness connector. 2. CHECK WIRING HARNESS M Check the wiring harness externals. Is the inspection result normal? Ν 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-25, "Removal and Installation". Perform DTC confirmation procedure. Refer to <u>SRC-133, "DTC Logic"</u>. 2. Is DTC detected? Ρ YES >> GO TO 4. NO >> INSPECTION END

4.REPLACE CURTAIN AIR BAG MODULE

1. Replace curtain air bag module RH. Refer to <u>SR-19, "Removal and Installation"</u>.

Perform DTC confirmation procedure. Refer to <u>SRC-133, "DTC Logic"</u>.

Is DTC detected?

B1148 CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1150 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1150 CURTAIN AIR BAG MODULE LH

DTC Logic

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INFOID:000000012347092

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
тс со	ONFIRMATION PRO	OCEDURE	
.CHE	CK SELF-DIAG RESU	JLT	
Turi	CONSULT in ignition switch ON.		
) Witho Turi Che OTE: RS do	out CONSULT n ignition switch ON. eck the air bag warning es not enter the diagn	Result" mode of "AIR BAG" using CO g lamp status. Refer to <u>SRC-12, "On</u> nosis mode if no malfunction is detect	Board Diagnosis Function".
) Withd Turi Che OTE: RS doi <u>malfu</u> YES	out CONSULT n ignition switch ON. eck the air bag warning es not enter the diagn nctioning part detecte	g lamp status. Refer to <u>SRC-12, "On</u> losis mode if no malfunction is detec <u>d?</u> 5, "Diagnosis Procedure".	Board Diagnosis Function".
Withd Turr Che OTE: RS doo <u>malfu</u> YES NO	out CONSULT n ignition switch ON. eck the air bag warning es not enter the diagn nctioning part detecte >> Refer to <u>SRC-13</u>	g lamp status. Refer to <u>SRC-12, "On</u> losis mode if no malfunction is detec <u>d?</u> 5, "Diagnosis Procedure".	Board Diagnosis Function".

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.	
		-		

>> Replace wiring harness. NO

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

- Replace air bag diagnosis sensor unit. Refer to SR-25, "Removal and Installation". 1.
- Perform DTC confirmation procedure. Refer to SRC-135, "DTC Logic". 2.

Is DTC detected?

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

4.REPLACE CURTAIN AIR BAG MODULE

Replace curtain air bag module LH. Refer to SR-19, "Removal and Installation". 1.

Perform DTC confirmation procedure. Refer to SRC-135, "DTC Logic". 2.

Is DTC detected?

Revision: September 2015

SRC-135

B1150 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1151 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1151 CURTAIN AIR BAG MODULE LH

DTC Logic

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INFOID:000000012347094

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 CC	ONFIRMATION PRO	CEDURE	
1. CHE	CK SELF-DIAG RESU	LT	
 Turr Perf Witho Turr Che NOTE: SRS doe Is malfur 	out CONSULT ignition switch ON. ick the air bag warning es not enter the diagno nctioning part detected		Board Diagnosis Function".
YES NO	>> Refer to <u>SRC-137</u> , >> INSPECTION END	<u>, "Diagnosis Procedure"</u> . D	
Diagno			
WARNIN		tion switch OFF, disconnect batter	INFOID:00000012347095 y negative terminal, and wait at least 3
 WARNIN Before minute Never 	NG: e servicing, turn ignites or more. (To disch	arge backup capacitor.) er or other measuring device.	
WARNIN • Before minute • Never 1.CHEC	NG: e servicing, turn ignit es or more. (To disch use unspecified test	arge backup capacitor.) er or other measuring device.	
WARNIN • Before minute • Never 1.CHEC Check th Is the ins YES	NG: e servicing, turn ignit es or more. (To disch use unspecified test CK HARNESS CONNE ne harness connector. spection result normal? >> GO TO 2.	earge backup capacitor.) er or other measuring device. ECTOR ?	
WARNIN • Before minute • Never 1.CHE(Check the Is the ins YES NO	NG: e servicing, turn ignit es or more. (To disch use unspecified test CK HARNESS CONNE ne harness connector. spection result normal? >> GO TO 2. >> Replace harness con	arge backup capacitor.) er or other measuring device. ECTOR ? connector.	
WARNIN • Before minute • Never 1.CHEC Check th Is the ins YES NO 2.CHEC	NG: e servicing, turn ignit es or more. (To disch use unspecified test CK HARNESS CONNE ne harness connector. spection result normal? >> GO TO 2.	arge backup capacitor.) er or other measuring device. ECTOR ? connector. S	
WARNIN • Before minute • Never 1.CHEO Check the Is the ins YES NO Check the Is the ins YES NO	NG: e servicing, turn ignit es or more. (To disch use unspecified test CK HARNESS CONNE he harness connector. spection result normal? >> GO TO 2. >> Replace harness of CK WIRING HARNESS he wiring harness exten spection result normal? >> GO TO 3. >> Replace wiring har	er or other measuring device. ECTOR ? connector. S rnals. ? rness.	
WARNIN • Before minute • Never 1.CHEO Check the Is the ins YES NO 2.CHEO Check the Is the ins YES NO 3.REPL	NG: e servicing, turn ignit es or more. (To disch use unspecified test CK HARNESS CONNE he harness connector. spection result normal? >> GO TO 2. >> Replace harness of CK WIRING HARNESS he wiring harness extent spection result normal? >> GO TO 3. >> Replace wiring har ACE AIR BAG DIAGN	er or other measuring device. ECTOR ? connector. S rnals. ? rness. NOSIS SENSOR UNIT	y negative terminal, and wait at least 3
WARNIN • Before minute • Never 1.CHEC Check the Is the ins YES NO 2.CHEC Check the Is the ins YES NO 3.REPL 1. Rep 2. Perf	NG: e servicing, turn ignit es or more. (To disch use unspecified test CK HARNESS CONNE he harness connector. spection result normal? >> GO TO 2. >> Replace harness of CK WIRING HARNESS he wiring harness exten spection result normal? >> GO TO 3. >> Replace wiring har cACE AIR BAG DIAGN lace air bag diagnosis form DTC confirmation	er or other measuring device. ECTOR ? connector. S rnals. ? rness.	y negative terminal, and wait at least 3
WARNIN • Before minute • Never 1.CHEC Check the Is the ins YES NO 2.CHEC Check the Is the ins YES NO 3.REPL 1. Rep 2. Perf	NG: e servicing, turn ignit es or more. (To disch use unspecified test CK HARNESS CONNE he harness connector. spection result normal? >> GO TO 2. >> Replace harness of CK WIRING HARNESS he wiring harness exter spection result normal? >> GO TO 3. >> Replace wiring har acce AIR BAG DIAGN lace air bag diagnosis	arge backup capacitor.) er or other measuring device. ECTOR ? connector. S rnals. ? rness. NOSIS SENSOR UNIT sensor unit. Refer to <u>SR-25. "Remov</u> procedure. Refer to <u>SRC-137. "DTC</u>	y negative terminal, and wait at least 3

- 1. Replace curtain air bag module LH. Refer to <u>SR-19, "Removal and Installation"</u>.
- 2. Perform DTC confirmation procedure. Refer to <u>SRC-137, "DTC Logic"</u>.

Is DTC detected?

B1151 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1152 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1152 CURTAIN AIR BAG MODULE LH

DTC Logic

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INFOID-000000012347097

INFOID:000000012347096

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 	E
DTC CONFIRMATION PROCEDURE 1.CHECK SELF-DIAG RESULT				E

With CONSULT
 Turn ignition switch ON.

2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.

- **Without CONSULT**
- 1. Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to <u>SRC-12, "On Board Diagnosis Function"</u>. NOTE:

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

Is malfunctioning part detected?

YES >> Refer to <u>SRC-139</u>, "Diagnosis Procedure".

NO >> INSPECTION END

Diagnosis Procedure

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

<u>Is the inspection result normal?</u> YES >> GO TO 2. NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

YES	>> GO	TO 3.
-----	-------	-------

NO >> Replace wiring harness.

 $\mathbf{3}$.Replace air bag diagnosis sensor unit

- 1. Replace air bag diagnosis sensor unit. Refer to <u>SR-25, "Removal and Installation"</u>.
- 2. Perform DTC confirmation procedure. Refer to <u>SRC-139, "DTC Logic"</u>.

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 <u>SR-19, "Removal and Installation"</u>.

2. Perform DTC confirmation procedure. Refer to <u>SRC-139</u>, "DTC Logic".

Is DTC detected?

Revision: September 2015

SRC-139

B1152 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1153 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1153 CURTAIN AIR BAG MODULE LH

DTC Logic

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В

INFOID:000000012347098

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
	ONFIRMATION PRO		
		JLI	
I. Turr 2. Perf 🔊 Witho	out CONSULT	Result" mode of "AIR BAG" using CON	SULT.
2. Che IOTE:	Ū	g lamp status. Refer to <u>SRC-12, "On Bo</u>	
	es not enter the diagn	nosis mode if no malfunction is detected	in the user mode.
YES		1, "Diagnosis Procedure".	
NO	>> INSPECTION EN	ID	
Diagno	osis Procedure		INFOID:000000012347099
VARNII Before minute Never	NG: e servicing, turn ign es or more. (To disc use unspecified tes	harge backup capacitor.) ster or other measuring device.	INFOID:000000012347099
WARNIN Before minute Never	∖G: ∋ servicing, turn ign es or more. (To disc	harge backup capacitor.) ster or other measuring device.	
WARNIN Before minute Never 1.CHE	NG: e servicing, turn ign es or more. (To disc use unspecified tes CK HARNESS CONN ne harness connector	harge backup capacitor.) ster or other measuring device. IECTOR	
WARNIN Before minute Never 1.CHE Check th s the inst	NG: e servicing, turn ign es or more. (To disc use unspecified tes CK HARNESS CONN ne harness connector spection result norma	harge backup capacitor.) ster or other measuring device. IECTOR	
WARNIN Before minute Never 1.CHE Check th s the ins YES NO	NG: e servicing, turn ign es or more. (To disc use unspecified tes CK HARNESS CONN ne harness connector spection result norma >> GO TO 2. >> Replace harness	harge backup capacitor.) ster or other measuring device. IECTOR 	
VARNIN Before minute Never Check th s the ins YES NO	NG: e servicing, turn ign es or more. (To disc use unspecified tes CK HARNESS CONN the harness connector spection result norma >> GO TO 2.	harge backup capacitor.) ster or other measuring device. IECTOR 	
VARNIN Before minuta Never 1.CHE Check the sthe ins YES NO 2.CHE Check the	NG: e servicing, turn ign es or more. (To disc use unspecified tes CK HARNESS CONN he harness connector spection result norma >> GO TO 2. >> Replace harness CK WIRING HARNES	harge backup capacitor.) ster or other measuring device. IECTOR 	
WARNIN Before minute Never 1.CHE Check the YES NO 2.CHE Check the s the inst	NG: e servicing, turn ign es or more. (To disc use unspecified tes CK HARNESS CONN he harness connector spection result norma >> GO TO 2. >> Replace harness CK WIRING HARNES he wiring harness exter spection result norma	harge backup capacitor.) ster or other measuring device. IECTOR 	
WARNIN Before minuta Never 1.CHE Check the s the inst YES NO 2.CHE Check the	NG: e servicing, turn ign es or more. (To disc use unspecified tes CK HARNESS CONN he harness connector spection result norma >> GO TO 2. >> Replace harness CK WIRING HARNES	harge backup capacitor.) ster or other measuring device. IECTOR 	
WARNIN Before minuta Never 1.CHE0 Check the is the ins YES NO Check the is the ins YES NO	NG: e servicing, turn ign es or more. (To disc use unspecified tes CK HARNESS CONN he harness connector spection result norma >> GO TO 2. >> Replace harness CK WIRING HARNES he wiring harness extense spection result norma >> GO TO 3. >> Replace wiring har	harge backup capacitor.) ster or other measuring device. IECTOR 	

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 <u>SR-19, "Removal and Installation"</u>.
- 2. Perform DTC confirmation procedure. Refer to <u>SRC-141, "DTC Logic"</u>.

Is DTC detected?

Revision: September 2015

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B1153 CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1154, B1155, B1156, B1157, B1158, B1159 DIAGNOSIS SENSOR UNIT < DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000012347100

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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
отс со	NFIRMATION PROC	CEDURE	
1. CHEC	K SELF-DIAG RESUL	Т	
9	CONSULT		
	ignition switch ON. orm "Self Diagnostic Re	esult" mode of "AIR BAG" using CONSU	Т
🕱 Witho	ut CONSULT		
	ignition switch ON.	lamp status. Refer to <u>SRC-12, "On Board</u>	Diagnosis Function"
NOTE:			
	s not enter the diagnos	sis mode if no malfunction is detected in t	the user mode.
		"Diagnosis Procedure".	
NO	>> INSPECTION END		
Diagno	sis Procedure		INFOID:000000012347101
WARNIN	G.		
 Before 	servicing, turn ignit	on switch OFF, disconnect battery ne	egative terminal, and wait at least 3
 Mever 	s or more. (To dischause unspecified teste	arge backup capacitor.) er or other measuring device.	
	K HARNESS CONNE	•	
Check th	e harness connector.		
	pection result normal?		
-	>> GO TO 2. >> Replace harness c	onnectors	
	K WIRING HARNESS		
	e wiring harness exter		
	e winnig namess exten	nuis.	

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

\mathbf{3}. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to <u>SR-25. "Removal and Installation"</u>.

2. Perform DTC confirmation procedure. Refer to <u>SRC-143, "DTC Logic"</u>.

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

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Ρ

B1170, B1171, B1172, B1173, B1174, B1175 DIAGNOSIS SENSOR UNIT < DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000012347102

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

(I) With CONSULT

- 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 <u>SRC-144, "Diagnosis Procedure"</u>.

NO >> INSPECTION END

Diagnosis Procedure

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

- 1. Replace air bag diagnosis sensor unit. Refer to <u>SR-25, "Removal and Installation"</u>.
- 2. Perform DTC confirmation procedure. Refer to <u>SRC-144, "DTC Logic"</u>.

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

INFOID:000000012347103

B1182 LAP PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1182 LAP PRE-TENSIONER LH

DTC Logic

INFOID:000000012347104

А

DTC No. Trouble diagnosis name DTC detecting condition Possible cause B1182 PRE-TEN2 FRONT LH Lap pre-tensioner LH circuit is open · Harness or connectors [OPEN] (The pre-tensioner circuit is open.) Malfunction in lap pre-tensioner LH · Malfunction in air bag diagnosis sensor unit DTC CONFIRMATION PROCEDURE D CHECK SELF-DIAGNOSTIC RESULT (P) With CONSULT Ε Turn ignition switch ON. 1. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT. 2. Without CONSULT Turn ignition switch ON. 1 2. Check the air bag warning lamp status. Refer to <u>SRC-12, "On Board Diagnosis Function"</u>. NOTE: SRS does not enter diagnosis mode if no malfunction is detected in user mode. Is malfunctioning part detected? YFS >> Refer to <u>SRC-145, "Diagnosis Procedure"</u>. >> INSPECTION END NO SRC Diagnosis Procedure INFOID:000000012347105 WARNING: · Before servicing, turn ignition switch OFF, disconnect battery negative terminal and wait at least 3 minutes. (To discharge backup capacitor.) • Never use unspecified tester or other measuring device. 1.CHECK HARNESS CONNECTOR Check the harness connector. Κ Is the inspection result normal? YES >> GO TO 2. NO >> Replace harness connector. $\mathbf{2}.$ CHECK WIRING HARNESS Check the wiring harness externals. M Is the inspection result normal? YES >> GO TO 3. NO >> Replace wiring harness. Ν 3.REPLACE LAP PRE-TENSIONER LH 1. Replace lap pre-tensioner LH. Refer to SR-27, "Removal and Installation". Perform DTC confirmation procedure. Refer to SRC-145, "DTC Logic". 2. Is DTC detected? YES >> GO TO 4. NO >> INSPECTION END Ρ **4.**REPLACE AIR BAG DIAGNOSIS SENSOR UNIT 1. Replace air bag diagnosis sensor unit. Refer to SR-25, "Removal and Installation". Perform DTC confirmation procedure. Refer to SRC-145, "DTC Logic". 2. Is DTC detected? YES >> GO TO 1.

>> INSPECTION END

NO

B1183 LAP PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1183 LAP PRE-TENSIONER LH

DTC Logic

INFOID:000000012347106

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.
- X 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 <u>SRC-146</u>, "Diagnosis Procedure".
- NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000012347107

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness 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 <u>SR-27, "Removal and Installation"</u>.

2. Perform DTC confirmation procedure. Refer to <u>SRC-146, "DTC Logic"</u>.

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 <u>SR-25, "Removal and Installation"</u>.

2. Perform DTC confirmation procedure. Refer to <u>SRC-146. "DTC Logic"</u>.

Is DTC detected?

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

Revision: September 2015

B1184 LAP PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1184 LAP PRE-TENSIONER LH

DTC Logic

INFOID:000000012347108

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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
	FIRMATION PROCE		
.CHECK	SELF-DIAGNOSTIC F	RESULT	
) With CC	NSULT nition switch ON.		
. Perfor	n "Self Diagnostic Res	ult" mode of "AIR BAG" using CON	NSULT.
2	CONSULT nition switch ON.		
. Check		mp status. Refer to <u>SRC-12, "On B</u>	Board Diagnosis Function".
IOTE: SRS does	not enter diagnosis mo	de if no malfunction is detected in	user mode.
	ioning part detected?		
	 Refer to <u>SRC-147, "D</u> INSPECTION END 	liagnosis Procedure".	
Jagnosi	s Procedure		INFOID:00000001234
VARNING	:		
			y negative terminal and wait at leas
	(To discharge backu	p capacitor.)	
	•	or other measuring device.	
.снеск	HARNESS CONNEC	or other measuring device.	
CHECK	HARNESS CONNECT	or other measuring device.	
CHECK Check the the inspe- YES >>	HARNESS CONNECT harness connector. action result normal?	or other measuring device. TOR	
CHECK Check the s the inspective YES >> NO >>	HARNESS CONNECT harness connector. ection result normal? GO TO 2. Replace harness con	or other measuring device. TOR	
CHECK Check the sthe inspe YES >> NO >> CHECK	HARNESS CONNECT harness connector. ection result normal? GO TO 2. Replace harness con WIRING HARNESS	or other measuring device. FOR nector.	
CHECK Check the sthe inspe YES >> NO >> CHECK Check the	HARNESS CONNECT harness connector. ection result normal? GO TO 2. Replace harness con WIRING HARNESS wiring harness externa	or other measuring device. FOR nector.	
CHECK Check the sthe inspective YES >> NO >> CHECK Check the sthe inspective	HARNESS CONNECT harness connector. ection result normal? GO TO 2. Replace harness con WIRING HARNESS wiring harness externa ection result normal?	or other measuring device. FOR nector.	
CHECK Check the sthe inspective YES >> NO >> CHECK Check the sthe inspective YES >> NO >>	HARNESS CONNECT harness connector. ection result normal? GO TO 2. Replace harness con WIRING HARNESS wiring harness externa ection result normal? GO TO 3. Replace wiring harne	or other measuring device. FOR nector. Is.	
CHECK Check the sthe inspective YES >> NO >> CHECK Check the sthe inspective YES >> NO >>	HARNESS CONNECT harness connector. ection result normal? GO TO 2. Replace harness con WIRING HARNESS wiring harness externa ection result normal? GO TO 3.	or other measuring device. FOR nector. Is.	
CHECK check the sthe inspective YES >> NO >> CHECK check the sthe inspective YES >> NO >> NO >> CHECK check the sthe inspective YES >> NO >> NO >> NO >>	HARNESS CONNECT harness connector. ection result normal? GO TO 2. Replace harness con WIRING HARNESS wiring harness externa ection result normal? GO TO 3. Replace wiring harne CE LAP PRE-TENSION the lap pre-tensioner LH	or other measuring device. FOR nector. Is. SS. NER LH I. Refer to <u>SR-27, "Removal and Ir</u>	
CHECK Check the Sthe inspective YES >= CHECK Check the Sthe inspective YES >= NO >= NO >= REPLAC Replace Perform	HARNESS CONNECT harness connector. ection result normal? GO TO 2. Replace harness con WIRING HARNESS wiring harness externa ection result normal? GO TO 3. Replace wiring harne CE LAP PRE-TENSION the lap pre-tensioner LH n DTC confirmation pro-	or other measuring device. FOR nector. Is. ss. NER LH	
CHECK Check the Sthe inspective YES >> NO >> CHECK Check the Sthe inspective YES >> NO >> REPLAC Replac Perform SDTC det	HARNESS CONNECT harness connector. ection result normal? GO TO 2. Replace harness con WIRING HARNESS wiring harness externa ection result normal? GO TO 3. Replace wiring harne CE LAP PRE-TENSION the lap pre-tensioner LH n DTC confirmation pro- ected?	or other measuring device. FOR nector. Is. SS. NER LH I. Refer to <u>SR-27, "Removal and Ir</u>	
CHECK Check the Sthe inspective YES >> CHECK Check the Sthe inspective YES >> NO >> CHECK Check the Sthe inspective Sthe inspective CHECK Check the Sthe inspective Sthe inspecti	HARNESS CONNECT harness connector. ection result normal? GO TO 2. Replace harness con WIRING HARNESS wiring harness externa ection result normal? GO TO 3. Replace wiring harne CE LAP PRE-TENSION the lap pre-tensioner LH n DTC confirmation pro-	or other measuring device. FOR nector. Is. SS. NER LH I. Refer to <u>SR-27, "Removal and Ir</u>	
CHECK check the sthe inspective YES >> NO >> CHECK check the sthe inspective YES >> NO >> CREPLAC Replace Perform SDTC det YES >> NO >>	HARNESS CONNECT harness connector. ection result normal? GO TO 2. Replace harness con WIRING HARNESS wiring harness externa ection result normal? GO TO 3. Replace wiring harne CE LAP PRE-TENSION E LAP PRE-TENSION CE LAP PRE-TENSION E LAP PRE-TENSION CE LAP PRE-TENSION CE LAP DRE-TENSION CE LAP DRE	or other measuring device. FOR nector. Is. SS. NER LH I. Refer to <u>SR-27, "Removal and Ir</u> ocedure. Refer to <u>SRC-147, "DTC</u>	
CHECK check the sthe inspective YES >> NO >> CHECK check the sthe inspective YES >> NO >> CREPLAC SDTC det YES >> NO >> CHECK the sthe inspective YES >> NO >> CHECK the state YES >> NO >> CHECK the state YES >> NO >> NO >> CHECK the state YES >> NO >> NO >> CHECK the state YES >> NO >> CHECK the state YES >> NO >> NO >>	HARNESS CONNECT harness connector. ection result normal? GO TO 2. Replace harness con WIRING HARNESS wiring harness externa ection result normal? GO TO 3. Replace wiring harne CE LAP PRE-TENSION E lap pre-tensioner LH m DTC confirmation pro ected? GO TO 4. INSPECTION END CE AIR BAG DIAGNOS e air bag diagnosis se	or other measuring device. FOR nector. Is. SS. NER LH . Refer to <u>SR-27, "Removal and Ir</u> ocedure. Refer to <u>SRC-147, "DTC</u> SIS SENSOR UNIT nsor unit. Refer to <u>SR-25, "Remov</u>	Logic". al and Installation".
CHECK Check the Sthe inspective YES >> CHECK Check the Sthe inspective Check the Sthe inspective Check the Sthe inspective Sthe inspective Check the Sthe inspective Sthe inspectiv	HARNESS CONNECT harness connector. ection result normal? GO TO 2. Replace harness con WIRING HARNESS wiring harness externa ection result normal? GO TO 3. Replace wiring harne CE LAP PRE-TENSION E lap pre-tensioner LH n DTC confirmation pro ected? GO TO 4. INSPECTION END CE AIR BAG DIAGNOS e air bag diagnosis sei n DTC confirmation pro	or other measuring device. FOR nector. Is. SS. NER LH I. Refer to <u>SR-27, "Removal and Ir</u> ocedure. Refer to <u>SRC-147, "DTC</u> SIS SENSOR UNIT	Logic". al and Installation".
CHECK Check the Sthe inspective YES >> CHECK Check the Sthe inspective YES >> NO >> CHECK Check the Sthe inspective Sthe inspective CHECK Check the Sthe inspective Sthe i	HARNESS CONNECT harness connector. ection result normal? GO TO 2. Replace harness con WIRING HARNESS wiring harness externa ection result normal? GO TO 3. Replace wiring harne CE LAP PRE-TENSION E lap pre-tensioner LH n DTC confirmation pro ected? GO TO 4. INSPECTION END CE AIR BAG DIAGNOS e air bag diagnosis sei n DTC confirmation pro	or other measuring device. FOR nector. Is. SS. NER LH . Refer to <u>SR-27, "Removal and Ir</u> ocedure. Refer to <u>SRC-147, "DTC</u> SIS SENSOR UNIT nsor unit. Refer to <u>SR-25, "Remov</u>	Logic". al and Installation".

Revision: September 2015

>> INSPECTION END

NO

B1185 LAP PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1185 LAP PRE-TENSIONER LH

DTC Logic

INFOID:000000012347110

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

(I) 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 <u>SRC-148</u>, "Diagnosis Procedure".
- NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000012347111

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

- YES >> GO TO 2.
- NO >> Replace harness 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 <u>SR-27, "Removal and Installation"</u>.
- 2. Perform DTC confirmation procedure. Refer to <u>SRC-148, "DTC Logic"</u>.

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 <u>SR-25, "Removal and Installation"</u>.

- Perform DTC confirmation procedure. Refer to <u>SRC-148, "DTC Logic"</u>.
- Is DTC detected?

YES >> GO TO 1. 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:000000012347112

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DTC DETECTION LOGIC В Display contents of DTC DTC detecting condition Possible cause CONSULT B1186 B1187 B1188 CONTROL UNIT Air bag diagnosis sensor unit is malfunctioning Malfunction in air bag diagnosis sensor unit D B1189 B1190 B1191 Ε DTC CONFIRMATION PROCEDURE 1.CHECK SELF-DIAG RESULT (P) With CONSULT 1. Turn ignition switch ON. 2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT. 🕅 Without CONSULT Turn ignition switch ON. 1. Check the air bag warning lamp status. Refer to <u>SRC-12, "On Board Diagnosis Function"</u>. 2. NOTE: SRC SRS does not enter the diagnosis mode if no malfunction is detected in the user mode. Is malfunctioning part detected? YES >> Refer to <u>SRC-149</u>, "Diagnosis Procedure". NO >> INSPECTION END Diagnosis Procedure INFOID:000000012347113 WARNING: Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.) Κ Never use unspecified tester or other measuring device. 1.CHECK HARNESS CONNECTOR Check the harness connector. L Is the inspection result normal? YES >> GO TO 2. NO >> Replace harness connectors. M 2. CHECK WIRING HARNESS Check the wiring harness externals. Ν Is the inspection result normal? YES >> GO TO 3. NO >> Replace wiring harness. **\mathbf{3}.** REPLACE AIR BAG DIAGNOSIS SENSOR UNIT 1. Replace air bag diagnosis sensor unit. Refer to SR-25, "Removal and Installation". Ρ 2. Perform DTC confirmation procedure. Refer to <u>SRC-149, "DTC Logic"</u>.

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:000000012347114

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

(I) With CONSULT

- 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 <u>SRC-150</u>, "Diagnosis Procedure".

NO >> INSPECTION END

Diagnosis Procedure

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

- 1. Replace air bag diagnosis sensor unit. Refer to <u>SR-25, "Removal and Installation"</u>.
- Perform DTC confirmation procedure. Refer to <u>SRC-150, "DTC Logic"</u>.

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

INFOID:000000012347115

B1209 FRONTAL COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

B1209 FRONTAL COLLISION DETECTION

Description

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:000000012347117

INFOID:000000012347116

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DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause	D
B1209	FRONTAL COLLI- SION DETECTION	Seat belt pre-tensioner, driver side air bag and passen- ger air bag are deployed	_	E
DTC CONF	IRMATION PROCE	DURE		
1.снеск s	ELF-DIAG RESULT			F
 Perform Without C Turn igni 	ition switch ON. "Self Diagnostic Resu CONSULT ition switch ON.	ult" mode of "AIR BAG" using CONSULT.	is Function"	(
NOTE:		-		S
<u>Is malfunctio</u> YES >> F	ot enter the diagnosis <u>ning part detected?</u> Refer to <u>SRC-151, "D</u> NSPECTION END	mode if no malfunction is detected in the user n iagnosis Procedure".	node.	
Diagnosis	Procedure		INFOID:000000012347118	
minutes o	r more. (To discharg	e switch OFF, disconnect battery negative te e backup capacitor.) or other measuring device.	rminal, and wait at least 3	ŀ
1.PERFORM	M COLLISION DIAGN	IOSIS		I
		to <u>SR-5. "FOR FRONTAL COLLISION : When</u> DLLISION : When SRS is not activated in a colli		-
				N
2.FINAL IN	GO TO 2.			
		- Decult		ľ
	R BAG" Self Diagnosti tion result normal?	c Result.		
YES >> I	NSPECTION END	applicable DTC. Refer to <u>SRC-18, "DTC_Index"</u> .		(

< DTC/CIRCUIT DIAGNOSIS >

B1210 SIDE COLLISION DETECTION

Description

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:000000012347120

INFOID:000000012347119

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

(I) With CONSULT

- 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 <u>SRC-152</u>, "Diagnosis Procedure".
- NO >> INSPECTION END

Diagnosis Procedure

WARNING:

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

1.PERFORM COLLISION DIAGNOSIS

Perform collision diagnosis. Refer to <u>SR-7</u>, "FOR SIDE AND ROLLOVER COLLISION : When SRS is activated in a collision" or <u>SR-8</u>, "FOR SIDE AND ROLLOVER 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 <u>SRC-18, "DTC Index"</u>.

INFOID:000000012347121

B1212, B1213, B1214 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

B1212, B1213, B1214 SATELLITE SENSOR RH

DTC Logic

INFOID:000000012347122

DTC DETECTION LOGIC

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INFOID:000000012347123

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DTC	Display contents of CONSULT	DTC detecting condition	Possible cause	С
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 	D
DTC CO	NFIRMATION PRO	CEDURE		
1.CHEC	K SELF-DIAG RESUL	T		

(P) 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 <u>SRC-12, "On Board Diagnosis Function"</u>.

NOTE:

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

Is malfunctioning part detected?

- YES >> Refer to <u>SRC-153</u>, "Diagnosis Procedure".
- NO >> INSPECTION END

Diagnosis Procedure

WARNING:

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

Check the harness connector.

Is the inspection result normal?

NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

NO >> Replace wiring harness.

3.REPLACE SATELLITE SENSOR

1. Replace satellite sensor RH. Refer to <u>SR-23</u>, "Removal and Installation".

Perform DTC confirmation procedure. Refer to <u>SRC-153, "DTC Logic"</u>.

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-25. "Removal and Installation".

Perform DTC confirmation procedure. Refer to <u>SRC-153, "DTC Logic"</u>.

Is DTC detected?

YES >> GO TO 1.

Revision: September 2015

B1212, B1213, B1214 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

NO >> INSPECTION END

B1215, B1216, B1217 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

B1215, B1216, B1217 SATELLITE SENSOR LH

DTC Logic

INFOID:000000012347124

DTC DETECTION LOGIC

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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
	FIRMATION PROC	EDURE	
4	SELF-DIAG RESUL		
) With C			
Í. Turn ig	gnition switch ON.		
	m "Self Diagnostic Re t CONSULT	esult" mode of "AIR BAG" using CON	NSULT.
_	gnition switch ON.		
2. Check	the air bag warning la	amp status. Refer to <u>SRC-12, "On E</u>	Board Diagnosis Function".
	not enter the diagnos	is mode if no malfunction is detecte	d in the user mode.
<u>s malfunc</u>	tioning part detected?		
		'Diagnosis Procedure".	
	> INSPECTION END		
Jaynos	is Procedure		INFOID:000000012347125
	servicing, turn ignition		y negative terminal, and wait at least 3
Before s minutes	servicing, turn ignitio or more. (To discha	on switch OFF, disconnect batter rge backup capacitor.) r or other measuring device.	y negative terminal, and wait at least 3
Before s minutes Never us	servicing, turn ignitio or more. (To discha	rge backup capacitor.) r or other measuring device.	y negative terminal, and wait at least 3
Before s minutes Never us CHECK	servicing, turn ignitio or more. (To discha se unspecified teste	rge backup capacitor.) r or other measuring device.	y negative terminal, and wait at least 3
Before s minutes Never us CHECK	servicing, turn ignition or more. (To discha se unspecified tester (HARNESS CONNEC	rge backup capacitor.) r or other measuring device.	y negative terminal, and wait at least 3
Before s minutes Never us CHECK Check the s the inspective YES >:	servicing, turn ignition or more. (To dischar se unspecified tester (HARNESS CONNECT harness connector. ection result normal? > GO TO 2.	rge backup capacitor.) r or other measuring device. CTOR	y negative terminal, and wait at least 3
Before s minutes Never us CHECK Check the s the insport YES >: NO >:	servicing, turn ignition or more. (To dischar se unspecified tester (HARNESS CONNECT harness connector. ection result normal? > GO TO 2. > Replace harness co	rge backup capacitor.) r or other measuring device. CTOR	y negative terminal, and wait at least 3
Before s minutes Never us 1.CHECK Check the s the insport YES >: NO >: 2.CHECK	servicing, turn ignition or more. (To dischar se unspecified tester (HARNESS CONNECT harness connector. ection result normal? > GO TO 2. > Replace harness control of the test (WIRING HARNESS	rge backup capacitor.) r or other measuring device. CTOR	y negative terminal, and wait at least 3
Before s minutes Never us 1.CHECK Check the s the inspondent YES >: NO >: 2.CHECK Check the	servicing, turn ignition or more. (To dischar se unspecified tester (HARNESS CONNECT harness connector. ection result normal? > GO TO 2. > Replace harness co (WIRING HARNESS wiring harness extern	rge backup capacitor.) r or other measuring device. CTOR	y negative terminal, and wait at least 3
Before s minutes Never us 1.CHECK Check the s the inspective YES >: NO >: 2.CHECK Check the s the inspective S the inspective	servicing, turn ignition or more. (To dischar se unspecified tester (HARNESS CONNECT harness connector. ection result normal? > GO TO 2. > Replace harness con (WIRING HARNESS wiring harness extern ection result normal?	rge backup capacitor.) r or other measuring device. CTOR	y negative terminal, and wait at least 3
Before s minutes Never us 1.CHECK Check the S the inspo YES >: 2.CHECK Check the s the inspo YES >: NO >:	servicing, turn ignition or more. (To dischar se unspecified tester (HARNESS CONNECT harness connector. ection result normal? > GO TO 2. > Replace harness con (WIRING HARNESS wiring harness extern ection result normal? > GO TO 3. > Replace wiring harness	rge backup capacitor.) r or other measuring device. CTOR onnector.	y negative terminal, and wait at least 3
Before s minutes Never us 1.CHECK Check the S the inspo YES >: 2.CHECK Check the s the inspo YES >: NO >:	servicing, turn ignition or more. (To dischar se unspecified tester (HARNESS CONNECT harness connector. ection result normal? > GO TO 2. > Replace harness con (WIRING HARNESS wiring harness extern ection result normal? > GO TO 3.	rge backup capacitor.) r or other measuring device. CTOR onnector.	y negative terminal, and wait at least 3
Before s minutes Never us 1.CHECK Check the s the inspo YES > 2.CHECK Check the s the inspo YES > 2.CHECK Check the s the inspo YES > 3.REPLA	servicing, turn ignition or more. (To dischar se unspecified tester (HARNESS CONNECT harness connector. ection result normal? > GO TO 2. > Replace harness cont (WIRING HARNESS wiring harness extern ection result normal? > GO TO 3. > Replace wiring harness CE SATELLITE SENS ce satellite sensor LH	rge backup capacitor.) r or other measuring device. CTOR onnector. nals. Ness. SOR . Refer to <u>SR-23, "Removal and Ins</u>	tallation".
Before s minutes Never us 1.CHECK Check the S the inspo YES >: 2.CHECK Check the s the inspo YES >: NO >: 3.REPLA	servicing, turn ignition or more. (To dischar se unspecified tester (HARNESS CONNECT harness connector. ection result normal? > GO TO 2. > Replace harness con (WIRING HARNESS wiring harness extern ection result normal? > GO TO 3. > Replace wiring harn CE SATELLITE SENS ce satellite sensor LH m DTC confirmation p	rge backup capacitor.) r or other measuring device. CTOR onnector. nals.	tallation".
Before s minutes Never us 1.CHECK Check the S the inspo YES >: 2.CHECK Check the S the inspo YES >: NO >: 2.CHECK Check the S the inspo YES >: NO >: 3.REPLA I. Replac 2. Perfor s DTC def	servicing, turn ignition or more. (To dischar se unspecified tester (HARNESS CONNECT harness connector. ection result normal? > GO TO 2. > Replace harness cont (WIRING HARNESS wiring harness extern ection result normal? > GO TO 3. > Replace wiring harn CE SATELLITE SENS ce satellite sensor LH m DTC confirmation p tected?	rge backup capacitor.) r or other measuring device. CTOR onnector. nals. Ness. SOR . Refer to <u>SR-23, "Removal and Ins</u>	tallation".
Before s minutes Never us 1.CHECK Check the s the inspo YES >: NO >: 2.CHECK Check the s the inspo YES >: NO >: 3.REPLA I. Replac 2. Perfor s DTC def YES >:	servicing, turn ignition or more. (To dischar se unspecified tester (HARNESS CONNECT harness connector. ection result normal? > GO TO 2. > Replace harness con (WIRING HARNESS wiring harness extern ection result normal? > GO TO 3. > Replace wiring harn CE SATELLITE SENS ce satellite sensor LH m DTC confirmation p	rge backup capacitor.) r or other measuring device. CTOR onnector. nals. Ness. SOR . Refer to <u>SR-23, "Removal and Ins</u>	tallation".

2. Perform DTC confirmation procedure. Refer to SRC-155, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.

B1215, B1216, B1217 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

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:000000012347126

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DTC DETECTION LOGIC

B1219 B1220 B1221 B1222 Air bag diagnosis sensor unit is malfunctioning Malfunction in air bag diagnosis sensor unit	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
- Turn ignition switch ON.
- 2. Check the air bag warning lamp status. Refer to <u>SRC-12, "On Board Diagnosis Function"</u>.

NOTE:

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

Is malfunctioning part detected?

YES >> Refer to <u>SRC-157, "Diagnosis Procedure"</u>.

NO >> INSPECTION END

Diagnosis Procedure

WARNING:

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

1. CHECK HARNESS CONNECTOR

Check the harness connector. <u>Is the inspection result normal?</u>

- 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.

 ${\it 3.}$ REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-25, "Removal and Installation".

2. Perform DTC confirmation procedure. Refer to <u>SRC-157, "DTC Logic"</u>.

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

SRC

INFOID:000000012347127

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B1234, B1235, B1236, B1237, B1238, B1239 DIAGNOSIS SENSOR UNIT < DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000012347128

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

(I) With CONSULT

- Turn ignition switch ON.
- 2. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT.
- X Without CONSULT
- 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 <u>SRC-159</u>, "Diagnosis Procedure".

NO >> INSPECTION END

Diagnosis Procedure

WARNING:

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

1.CHECK HARNESS CONNECTOR

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connectors.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

- 1. Replace air bag diagnosis sensor unit. Refer to <u>SR-25, "Removal and Installation"</u>.
- 2. Perform DTC confirmation procedure. Refer to <u>SRC-159, "DTC Logic"</u>.

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

INFOID:000000012347129

B1250, B1251, B1252, B1253, B1254, B1255 DIAGNOSIS SENSOR UNIT < DTC/CIRCUIT DIAGNOSIS >

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

DTC Logic

INFOID:000000012347130

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DTC DETECTION LOGIC В Display contents of DTC DTC detecting condition Possible cause CONSULT B1250 B1251 B1252 CONTROL UNIT Air bag diagnosis sensor unit is malfunctioning Malfunction in air bag diagnosis sensor unit D B1253 B1254 B1255 Ε DTC CONFIRMATION PROCEDURE 1.CHECK SELF-DIAG RESULT With CONSULT 1. Turn ignition switch ON. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT. 2. 🕅 Without CONSULT 1 Turn ignition switch ON. Check the air bag warning lamp status. Refer to SRC-12, "On Board Diagnosis Function". 2. NOTE: SRC SRS does not enter the diagnosis mode if no malfunction is detected in the user mode. Is malfunctioning part detected? YES >> Refer to SRC-159, "Diagnosis Procedure". NO >> INSPECTION END **Diagnosis** Procedure INFOID:000000012347131 WARNING: Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.) Κ Never use unspecified tester or other measuring device. 1. CHECK HARNESS CONNECTOR L Check the harness connector. Is the inspection result normal? YES >> GO TO 2. Μ NO >> Replace harness connectors. 2 . CHECK WIRING HARNESS Check the wiring harness externals. Ν Is the inspection result normal? YES >> GO TO 3. NO >> Replace wiring harness. ${\it 3.}$ REPLACE AIR BAG DIAGNOSIS SENSOR UNIT Replace air bag diagnosis sensor unit. Refer to SR-25, "Removal and Installation". 1. Ρ

Perform DTC confirmation procedure. Refer to <u>SRC-159, "DTC Logic"</u>.

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:000000012347132

DTC DETECTION LOGIC

DTC	Display contents of CON- SULT	DTC detecting condition	Possible cause
B1336 B1337	FR-RH DOOR SATEL SENS [SENSOR MALFUNC- TION]	Front door satellite sensor RH is malfunc- tioning	 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 <u>SRC-160</u>, "Diagnosis Procedure". NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000012347133

WARNING:

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

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.Replace front door satellite sensor

1. Replace front door satellite sensor RH. Refer to <u>SR-23, "Removal and Installation"</u>.

Perform DTC confirmation procedure. Refer to <u>SRC-160, "DTC Logic"</u>.

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-25. "Removal and Installation".

2. Perform DTC confirmation procedure. Refer to <u>SRC-160, "DTC Logic"</u>.

Is DTC detected?

B1336, B1337 SATELLITE SENSOR RH

< DTC/	CIRCUIT DIAGNOSIS >	
YES NO	>> GO TO 1. >> INSPECTION END	A
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		SRC
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B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

DTC Logic

INFOID:000000012347134

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 malfunc- tioning	 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 <u>SRC-162</u>, "Diagnosis Procedure". NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000012347135

WARNING:

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

Check the harness connector.

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace harness connector.

2. CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace wiring harness.

3.Replace front door satellite sensor

1. Replace front door satellite sensor RH. Refer to <u>SR-23, "Removal and Installation"</u>.

2. Perform DTC confirmation procedure. Refer to <u>SRC-162, "DTC Logic"</u>.

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-25. "Removal and Installation".

2. Perform DTC confirmation procedure. Refer to <u>SRC-162, "DTC Logic"</u>.

Is DTC detected?

B1338, B1340, B1341, B1342 SATELLITE SENSOR RH

	D 1330, D 1340, D 1341, D 1342 SATELLITE SENSOR КП	
< DTC/ YES	/CIRCUIT DIAGNOSIS >	
NO	>> GO TO 1. >> INSPECTION END	A
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< DTC/CIRCUIT DIAGNOSIS >

B1339 SATELLITE SENSOR RH

DTC Logic

INFOID:000000012347136

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 sen- sor RH is different from the part specified

DTC CONFIRMATION PROCEDURE

1.CHECK SELF-DIAG RESULT

With CONSULT

- 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 <u>SRC-164</u>, "Diagnosis Procedure".
- NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000012347137

WARNING:

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

1.REPLACE FRONT DOOR SATELLITE SENSOR

- 1. Replace front door satellite sensor RH. Refer to <u>SR-23, "Removal and Installation"</u>.
- 2. Perform DTC confirmation procedure. Refer to <u>SRC-164. "DTC Logic"</u>.

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 <u>SR-25, "Removal and Installation"</u>.

2. Perform DTC confirmation procedure. Refer to <u>SRC-164, "DTC Logic"</u>.

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

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INFOID:000000012347138

DTC DETECTION LOGIC

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

DTC CONFIRMATION PROCEDURE Ε **1.**CHECK SELF-DIAG RESULT (P) With CONSULT 1. Turn ignition switch ON. Perform "Self Diagnostic Result" mode of "AIR BAG" using CONSULT. 🕅 Without CONSULT Turn ignition switch ON. 1 Check the air bag warning lamp status. Refer to SRC-12, "On Board Diagnosis Function". 2. NOTE: SRS does not enter the diagnosis mode if no malfunction is detected in the user mode. Is malfunctioning part detected? SRC YES >> Refer to SRC-165, "Diagnosis Procedure". NO >> INSPECTION END Diagnosis Procedure INFOID-000000012347139 WARNING: · Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.) Never use unspecified tester or other measuring device. 1.CHECK HARNESS CONNECTOR Κ Check the harness connector. Is the inspection result normal? YES >> GO TO 2. NO >> Replace harness connector. 2. CHECK WIRING HARNESS M Check the wiring harness externals. Is the inspection result normal? Ν YES >> GO TO 3. NO >> Replace wiring harness. 3.REPLACE FRONT DOOR SATELLITE SENSOR

Replace front door satellite sensor LH. Refer to SR-23, "Removal and Installation". 1

2. Perform DTC confirmation procedure. Refer to <u>SRC-165</u>, "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-25, "Removal and Installation". 1

Perform DTC confirmation procedure. Refer to SRC-165, "DTC Logic". 2.

Is DTC detected?

Revision: September 2015

SRC-165

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B1343, B1344 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

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

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INFOID:000000012347141

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DTC DETECTION LOGIC

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DTC	Display contents of CONSULT	DTC detecting condition	Possible cause	
B1345 B1347 B1348 B1349	FR-LH DOOR SATEL SENS [COMM MALFUNC- TION]	Front door satellite sensor LH is malfunc- tioning	 Harness or connectors Malfunction in front door satellite sensor LH Malfunction in air bag diagnosis sensor unit 	-
DTC CO	NFIRMATION PRO	CEDURE		
1 .CHEC	K SELF-DIAG RESUL	Т		
	CONSULT			
	ignition switch ON. orm "Self Diagnostic R	esult" mode of "AIR BAG" using CON	NSULT	
_	ut CONSULT			
	ignition switch ON.	lemn status. Defer to SDC 12. "On D	Poord Diagnosis Function"	
2. Chec NOTE:	k the air bag warning	lamp status. Refer to <u>SRC-12, "On E</u>	soard Diagnosis Function.	(
SRS does	s not enter the diagnos	sis mode if no malfunction is detecte	d in the user mode.	
s malfun	ctioning part detected	<u>?</u>		S
	>> Refer to <u>SRC-170.</u>	"Diagnosis Procedure".		

NO >> INSPECTION END

Diagnosis Procedure

WARNING:

• Before servicing, turn ignition switch OFF, disconnect battery negative terminal, and wait at least 3	J
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.

<u>Is the ir</u>	nspection result normal?	
YES	>> GO TO 3.	
	>> Poplace wiring barness	

NO >> Replace wiring harness.

3.REPLACE SATELLITE SENSOR

1. Replace front door satellite sensor LH. Refer to <u>SR-23, "Removal and Installation"</u>.

Perform DTC confirmation procedure. Refer to <u>SRC-170, "DTC Logic"</u>.

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-25, "Removal and Installation".

Perform DTC confirmation procedure. Refer to <u>SRC-170, "DTC Logic"</u>.

Is DTC detected?

B1345, B1347, B1348, B1349 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

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

B1346 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

B1346 SATELLITE SENSOR LH

DTC Logic

INFOID:000000012347142

А

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 sen- sor LH is different from the part specified
	NFIRMATION PROC		
2. Perfc Without 1. Turn 2. Chect NOTE: SRS doe: Is malfun YES	ignition switch ON. orm "Self Diagnostic Re ut CONSULT ignition switch ON. k the air bag warning s not enter the diagnos ctioning part detected?	"Diagnosis Procedure".	oard Diagnosis Function".
	sis Procedure		INFOID:00000001234714
minuteNever u	servicing, turn igniti s or more. (To discha	arge backup capacitor.) er or other measuring device.	y negative terminal, and wait at least 3
2. Perfo Is DTC do YES	orm DTC confirmation	sensor LH. Refer to <u>SR-23, "Remov</u> procedure. Refer to <u>SRC-169, "DTC</u>	
-	ACE AIR BAG DIAGN		
	ace air bag diagnosis s	sensor unit. Refer to <u>SR-25, "Remov</u>	
1. Repla 2. Perfo Is DTC do YES	orm DTC confirmation	procedure. Refer to <u>SRC-169, "DTC</u>	Logic .

Ρ

B1350 SATELLITE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

B1350 SATELLITE SENSOR

DTC Logic

INFOID:000000012347144

DTC DETECTION LOGIC

DTC	Display contents of CONSULT	DTC detecting condition	Possible cause
B1350	FR DOOR SATEL SENS	Front door satellite sensor is malfunction- ing 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

- 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 <u>SRC-170, "Diagnosis Procedure"</u>.
- NO >> INSPECTION END

Diagnosis Procedure

INFOID:000000012347145

WARNING:

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

1.REPLACE BOTH OF FRONT DOOR SATELLITE SENSOR

- 1. Replace both of front door satellite sensor. Refer to <u>SR-23, "Removal and Installation"</u>.
- 2. Perform DTC confirmation procedure. Refer to <u>SRC-170. "DTC Logic"</u>.

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 <u>SR-25, "Removal and Installation"</u>.
- 2. Perform DTC confirmation procedure. Refer to SRC-170, "DTC Logic".

Is DTC detected?

YES >> GO TO 1.

NO >> INSPECTION END

SRS AIR BAG WARNING LAMP DOES NOT TURN OFF	
SYMPTOM DIAGNOSIS	
SRS AIR BAG WARNING LAMP DOES NOT TURN OFF	А
Diagnosis Procedure	В
1. CHECK AIR BAG MODULE AND SEAT BELT PRE-TENSIONER	
Check the deployment of air bag module and seat belt pre-tensioner.	С
Is air bag module deployed? YES >> Replace the malfunctioning parts.	
NO $>>$ GO TO 2.	D
2. CHECK AIR BAG FUSE	
Check 10 A fuse [No.2, located in fuse block (J/B)].	E
Is the inspection result normal?	
YES >> GO TO 3. NO >> Replace the fuse.	
3. CHECK HARNESS CONNECTOR	F
Check the harness connector.	
Is the inspection result normal?	G
YES >> GO TO 4.	
NO >> Replace harness connectors. 4. CHECK WIRING HARNESS	SRC
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	J
 Replace air bag diagnosis sensor unit. Refer to <u>SR-25, "Removal and Installation"</u>. Check air bag warning lamp operation. 	
Is the inspection result normal?	K
YES >> INSPECTION END	
NO >> GO TO 6.	L
6.REPLACE COMBINATION METER	
 Replace combination meter. Refer to <u>MWI-95, "Removal and Installation"</u>. Check air bag warning lamp operation. 	M
Is the inspection result normal?	
YES >> INSPECTION END NO >> GO TO 1.	Ν
	IN

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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:000000012347147

1. CHECK COMBINATION METER POWER SUPPLY AND GROUND CIRCUIT

Check combination meter unit power supply and ground circuit. Refer to <u>MWI-75, "COMBINATION METER :</u> <u>Diagnosis Procedure"</u>.

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 <u>SR-25, "Removal and Installation"</u>.

NO >> Replace combination meter. Refer to <u>MWI-95, "Removal and Installation"</u>.

< SYMPTOM DIAGNOSIS >	
SRS AIR BAG WARNING LAMP BLINKS	А
Diagnosis Procedure	A
1.CHECK BATTERY	В
Check battery. Refer to PG-157, "How to Handle Battery".	
Is the inspection result normal?	0
YES >> GO TO 2. NO >> Repair or replace malfunctioning parts.	C
2. REPLACE OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT	D
 Replace occupant classification system control unit. Refer to <u>SE-128. "SEAT CUSHION : Disassembly</u> <u>and Assembly"</u>. Check air bag warning lamp operation. 	
Is the inspection result normal?	E
YES >> INSPECTION END NO >> GO TO 3. 3. REPLACE AIR BAG DIAGNOSIS SENSOR UNIT	F
 Replace air bag diagnosis sensor unit. Refer to <u>SR-25. "Removal and Installation"</u>. Check air bag warning lamp operation. <u>Is the inspection result normal?</u> 	G
YES >> INSPECTION END NO >> GO TO 1.	SR
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