SECTION SRC
SRS AIRBAG CONTROL SYSTEM

CONTENTS

PRECAUTION 4

PRECAUTIONS 4
Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER" 4
Precautions for Removing Battery Terminal 4
Precautions for Body Repair Work of Vehicles Equipped with "AIR BAG" and "SEAT BELT PRE-TENSIONER" 5

PREPARATION 7

PREPARATION 7
Special Service Tool 7

SYSTEM DESCRIPTION 8

COMPONENT PARTS 8
Component Parts Location 8
Front Passenger Air Bag Off Indicator 10
Front Passenger Air Bag On Indicator 10

SYSTEM 11

SRS AIR BAG SYSTEM 11
SRS AIR BAG SYSTEM : System Description 11
SRS AIR BAG SYSTEM : Circuit Diagram 14

WARNING/INDICATOR/CHIME LIST 15
WARNING/INDICATOR/CHIME LIST : Warning Lamp/Indicator Lamp 15

DIAGNOSIS SYSTEM (AIR BAG DIAGNOSIS SENSOR UNIT) 16
CONSULT Function 16

DIAGNOSIS SYSTEM (OCCUPANT CLASSIFICATION SYSTEM) 18
CONSULT Function 18

ECU DIAGNOSIS INFORMATION 19

AIR BAG DIAGNOSIS SENSOR UNIT 19
Reference Value 19
DTC Index 20

OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT 25
Reference Value 25

WIRING DIAGRAM 26

SRS AIR BAG SYSTEM 26
Wiring Diagram 26

AIR BAG DIAGNOSIS SENSOR UNIT 39
Wiring Diagram 39

BASIC INSPECTION 54

ADDITIONAL SERVICE WHEN REPLACING AIR BAG DIAGNOSIS SENSOR UNIT 54
Description 54
Work Procedure (Before Replacing Air Bag Diagnosis Sensor Unit) 54
Work Procedure (After Replacing Air Bag Diagnosis Sensor Unit) 54

ADDITIONAL SERVICE WHEN REPLACING OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT 57
Description 57
Work Procedure 57

CONFIGURATION (AIR BAG DIAGNOSIS SENSOR UNIT) 58
Description 58
Work Procedure 58

CONFIGURATION (OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT) 59
Description 59
Work Procedure 59

ZERO POINT RESET 60
Description 60
Work Procedure 60

DTC/CIRCUIT DIAGNOSIS 61

B0001 DRIVER AIR BAG MODULE 61
DTC Description 61
Diagnosis Procedure 62

B0002 DRIVER AIR BAG MODULE 64
DTC Description 64
Diagnosis Procedure 65

B0004 KNEE AIR BAG MODULE 67
DTC Description 67
Diagnosis Procedure 68

B0010 PASSENGER AIR BAG MODULE 70
DTC Description 70
Diagnosis Procedure 71

B0011 PASSENGER AIR BAG MODULE 73
DTC Description 73
Diagnosis Procedure 74

B0012 ACTIVE VENT 76
DTC Description 76
Diagnosis Procedure 78

B0013 KNEE AIR BAG MODULE 80
DTC Description 80
Diagnosis Procedure 81

B0021 CURTAIN AIR BAG MODULE 83
DTC Description 83
Diagnosis Procedure 84

B0029 CURTAIN AIR BAG MODULE 86
DTC Description 86
Diagnosis Procedure 87

B0050 FRONT SEAT BELT BUCKLE SWITCH 88
DTC Description 88
Diagnosis Procedure 89

B0052 FRONT SEAT BELT BUCKLE SWITCH 91
DTC Description 91
Diagnosis Procedure 92

B007E FRONT SEAT BELT PRE-TENSIONER 94
DTC Description 94
Diagnosis Procedure 95

B007F FRONT SEAT BELT PRE-TENSIONER 97
DTC Description 97
Diagnosis Procedure 98

B0082 FRONT SEAT BELT FORCE LIMITER..100
DTC Description 100
Diagnosis Procedure 101

B0090 CRASH ZONE SENSOR 103
DTC Description 103
Diagnosis Procedure 104

B0091 FRONT DOOR SATELLITE SENSOR..106
DTC Description 106
Diagnosis Procedure 107

B0092 B-PILLAR SATELLITE SENSOR 109
DTC Description 109
Diagnosis Procedure 110

B0093 REAR DOOR SATELLITE SENSOR ...112
DTC Description 112
Diagnosis Procedure 113

B0095 CRASH ZONE SENSOR 115
DTC Description 115
Diagnosis Procedure 116

B0096 FRONT DOOR SATELLITE SENSOR..118
DTC Description 118
Diagnosis Procedure 119

B0097 B-PILLAR SATELLITE SENSOR 121
DTC Description 121
Diagnosis Procedure 122

B0098 REAR DOOR SATELLITE SENSOR ...124
DTC Description 124
Diagnosis Procedure 125

B0099 AIR BAG DIAGNOSIS SENSOR UNIT..127
DTC Description 127
Diagnosis Procedure 127

B00A0 OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT 128
DTC Description 128
Diagnosis Procedure 130

B00C5 FRONT SEAT POSITION DETECTION SWITCH 131
DTC Description 131
Diagnosis Procedure 132

B00E3 REAR SEAT BELT PRE-TENSIONER..133
DTC Description 133
Diagnosis Procedure 134

B00E4 REAR SEAT BELT PRE-TENSIONER..136
DTC Description 136
Diagnosis Procedure 137

B1BC7 AIR BAG DIAGNOSIS SENSOR UNIT..139
DTC Description 139
Diagnosis Procedure 139

B2103 POWER SUPPLY CIRCUIT 140
DTC Description 140
Diagnosis Procedure 141

B210F POWER SUPPLY CIRCUIT 142
DTC Description 142
Diagnosis Procedure 143

B2205 VIN MISSING/MISSMATCH 144
DTC Description 144
Diagnosis Procedure 144

B2206 VIN MISSING/MISSMATCH 145
DTC Description 145
Diagnosis Procedure 145

B2207 AIR BAG DIAGNOSIS SENSOR UNIT.. 146
DTC Description 146
Diagnosis Procedure 146

B2208 AIR BAG DIAGNOSIS SENSOR UNIT.. 147
DTC Description 147
Diagnosis Procedure 147

B220B AIR BAG DIAGNOSIS SENSOR UNIT.. 148
DTC Description 148
Diagnosis Procedure 148

B2255 AIR BAG DIAGNOSIS SENSOR UNIT.. 149
DTC Description 149
Diagnosis Procedure 149

B2280 CONFIG SETTING 150
DTC Description 150
Diagnosis Procedure 150

B2722 ECU LOCK STATUS 151
DTC Description 151
Diagnosis Procedure 151

B2735 PYROFUSE 152
DTC Description 152
Diagnosis Procedure 153

B2750 SIDE AIR BAG MODULE 155
DTC Description 155
Diagnosis Procedure 156

B2751 SIDE AIR BAG MODULE 158
DTC Description 158
Diagnosis Procedure 159

U0146 COMMUNICATION WITH CENTRAL GATEWAY 161
DTC Description 161
Diagnosis Procedure 161

U0155 CAN COMMUNICATION (COMBINATION METER) 163
DTC Description 163
Diagnosis Procedure 163

U1008 LIN COMMUNICATION 165
DTC Description 165
Diagnosis Procedure 166

U1032 CHASSIS CAN COMMUNICATION 167
DTC Description 167
Diagnosis Procedure 167

U1110 VEHICLE SPEED SIGNAL 168
DTC Description 168
Diagnosis Procedure 168

U1175 CAN COMMUNICATION SYSTEM (ELECTRONIC IGNITION SWITCH CONTROL UNIT) 170
DTC Description 170
Diagnosis Procedure 170

U1606 AIR BAG DIAGNOSIS SENSER UNIT. 172
DTC Description 172
Diagnosis Procedure 172

U1607 AIR BAG DIAGNOSIS SENSER UNIT. 173
DTC Description 173
Diagnosis Procedure 173

PRECAUTION

PRECAUTIONS

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

INFOID:0000000013641778

Risk of injury

There is a risk of injury caused by parts becoming projectiles if uncontrolled deployment of air bag or seat belt pre-tensioner occurs, or by storing air bag with the deployment side facing downwards. When scrapping air bag or seat belt pre-tensioner by means of controlled deployment, there is also a danger present if a sufficiently safe distance is not maintained, or if opening using cutting torches or other cutting tools, or due to smelting or if parts that are not yet triggered are exposed to a blaze or a smoldering fire at landfills.

Safety instructions/precautions

- Removed air bag must always be stored with deployment side facing up.
- Acquisition, transportation, storage, testing and assembly work should only be performed or supervised by properly trained personnel.
- Install air bag or seat belt pre-tensioner immediately following retrieval from storage.
- Air bag and seat belt pre-tensioner must be protected from flying sparks, open fires and temperature exceeding 100°C (212°F).
- Never transport air bag and seat belt pre-tensioner in the passenger compartment. Store them securely in the luggage room of the vehicle in their original replacement part packaging and secure them so that they cannot slip around.
- Never allow air bag and seat belt pre-tensioner to come into contact with grease, oil, or cleaning agents.
- Perform system tests using approved testing equipment only, and only when the units are properly installed and the vehicle is unoccupied.
- Before the initial hookup of the battery or an external power supply, the ignition must be switched on and the vehicle unoccupied.
- Air bag and seat belt pre-tensioner that fall from a height of more than 0.5 m must be replaced.
- When scrapping by means of controlled deployment of air bag and seat belt pre-tensioner, a safe distance of at least 10 m must be maintained.
- Before starting work on air bag and seat belt pre-tensioner and work on components that are connected to air bag and seat belt pre-tensioner or require and intervention in their electric circuit (e.g. when removing the steering wheel):

- Disconnect any external power sources (e.g. charger).
- Disconnect and insulate ground line of battery

- Before starting bodywork in combination with welding or retrofitting, during which work is performed on uninsulated, current-carrying lines or require an intervention in their electric circuit (e.g. when removing the steering wheel):

- Disconnect any external power sources (e.g. charger).
- Disconnect and insulate ground line of battery.
- During welding, disconnect plug connection and from control unit of air bag.

- When the air bag deploys, the pyrofuse activates and the power source from the battery is disconnected. This prevents possible fires caused by electric leakage after an accident occurs.

Precautions for Removing Battery Terminal

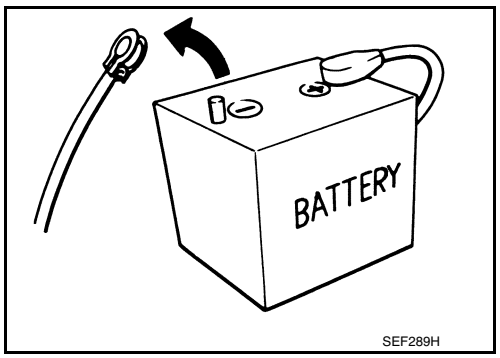
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When disconnecting the battery terminal, pay attention to the following.

- 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:

BR08DE	: 4 minutes	YD25DDTi	: 2 minutes
D4D engine	: 20 minutes	YS23DDT	: 4 minutes
HRA2DDT	: 12 minutes	YS23DDTT	: 4 minutes
K9K engine	: 4 minutes	ZD30DDTi	: 60 seconds
M9R engine	: 4 minutes	ZD30DDTT	: 60 seconds
R9M engine	: 4 minutes		
V9X engine	: 4 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.

- 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.

NOTE:
- 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.

Precautions for Body Repair Work of Vehicles Equipped with "AIR BAG" and "SEAT BELT PRE-TENSIONER"

INFOID:0000000013529175

When performing repair work

Before carrying out any welding work, disconnect or insulate ground line of battery and detach connector from restrain system control.
No particular safety precautions are necessary before carrying out painting work with subsequent force drying.The curtain air bag units can withstand temperatures of up to 100°C without sustaining any damage.
Do not allow curtain air bag units to come into contact with grease, oil or cleaning agents. Otherwise, curtain air bags may not be installed in a vehicle under any circumstances.

When retrofitting: Note tensionning straps for curtain air bag

The functionality of the curtain air bag may not be impaired by aftermarket installations, e.g. by wrapping, removing or changing the tensioning straps of the curtain air bag.

Safety note

The curtain air bag may not be opened, removed or installed in another vehicle. There is a risk of malfunctions and injuries.

The following work should only be performed with the ground line disconnected:

- Work on air bag or seat belt pre-tensioner (removal, installation)
- Work on components associated with air bag or seat belt pre-tensioner, or which require access to their electric circuit, e.g. for removal of the steering wheel.

NOTE:

- Before welding work is started, it is also necessary to disconnect the connector from the control unit of the air bag and seat belt pre-tensioner.
- In the case of painting work followed by force drying, there are no special safety regulations to observe. The air bag and seat belt pre-tensioner can withstand temperatures up to a maximum of 75°C without damage.

With repair work on air bag or seat belt pre-tensioner:

- Air bag and seat belt pre-tensioner must not come into contact with grease, oil or cleaning agents.
- Air bag and seat belt pre-tensioner that fall from a height of more than 0.5 m must be replaced and may under no circumstances be installed in a vehicle.

To be able to install the seat belt pre-tensioner free from damage and dirt, they are provided with a PVC film protective sleeve. After installation, this PVC film protective sleeve must be removed. For preventing damage to the belt strap in the process, do not use any sharp -edged tools.

After completion of repair work on air bag or seat belt pre-tensioner:

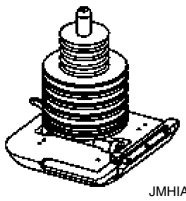
The supplemental restraint system must be tested thoroughly using CONSULT.

PREPARATION

PREPARATION

Special Service Tool

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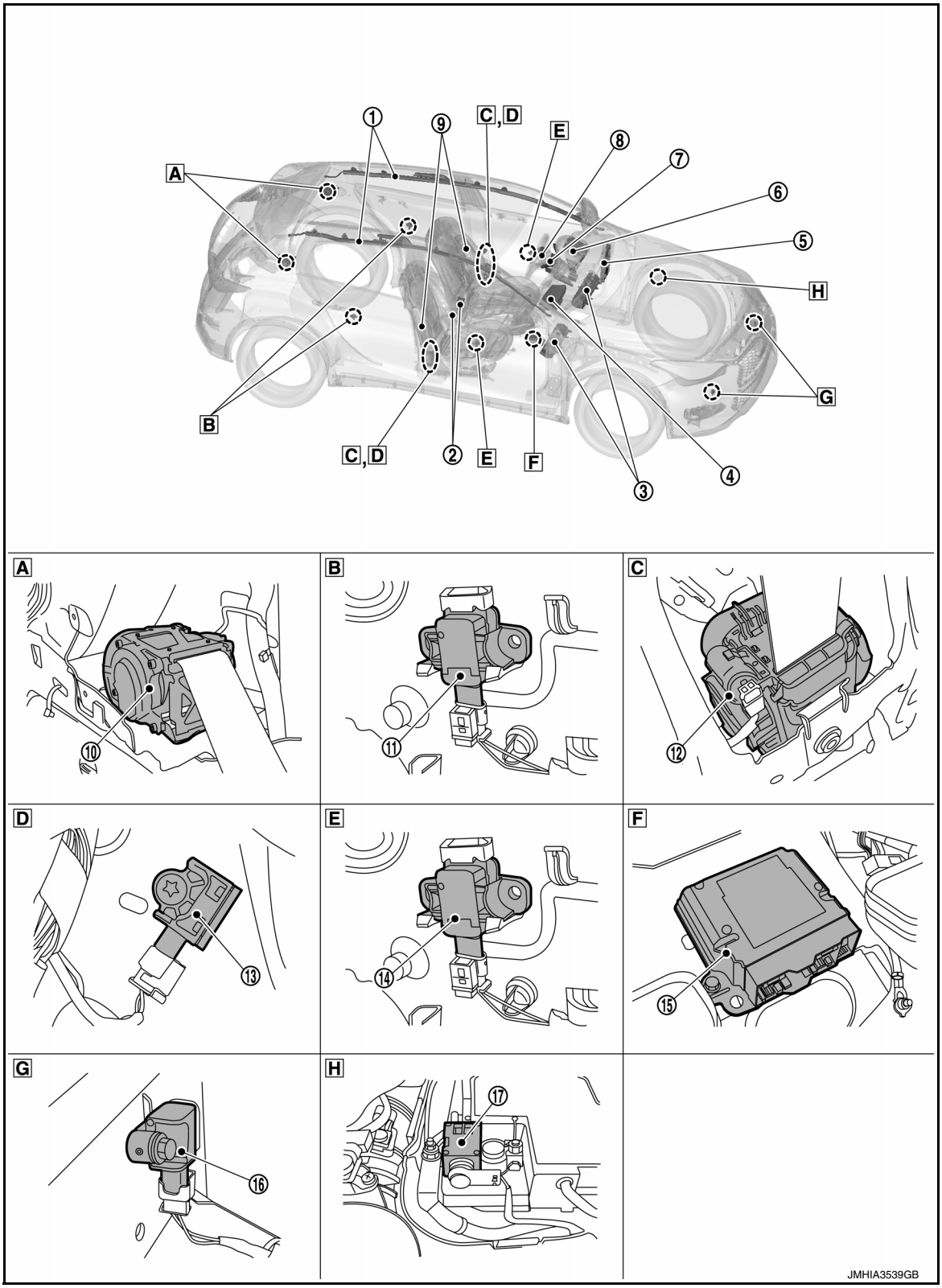
Tool number Tool name		Description
KV995H0140 (DAIMLER tool No. 000 589 00 32 00) PLATES	 JMHIA3422ZZ	Plates for the teach-in process of the occupant classification system after all work on the front passenger seat that require a loosening of the seat cover or the seat bolster.

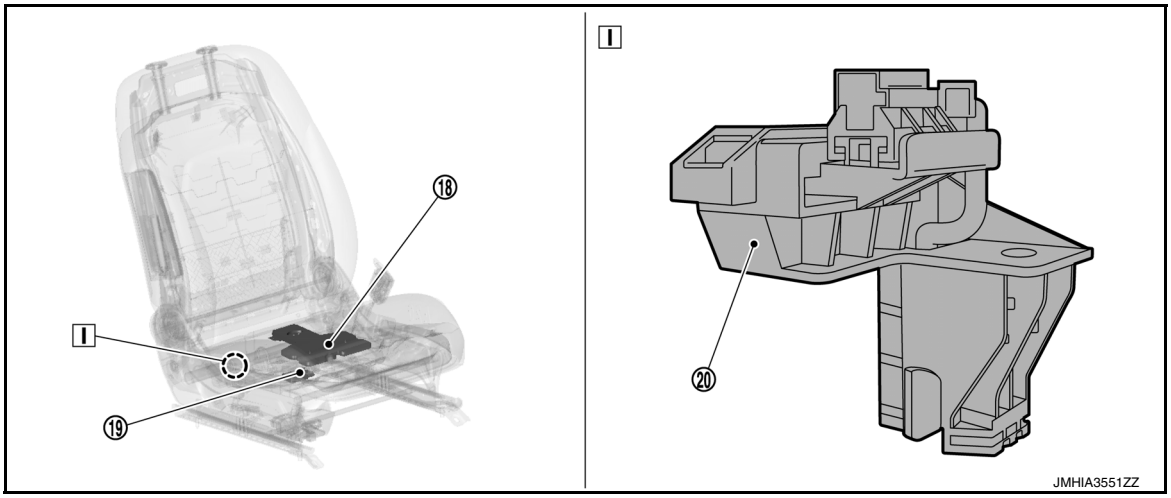
SYSTEM DESCRIPTION

COMPONENT PARTS

Component Parts Location

INFOID:0000000013529177





A Behind rear pillar garnish	B Behind rear door finisher	C Behind center pillar lower garnish
D View with front seat belt pre-tensioner removed	E Behind front door finisher	F View with center console removed
G View with front bumper fascia removed	H View with battery positive terminal	I View with back side of seat cushion

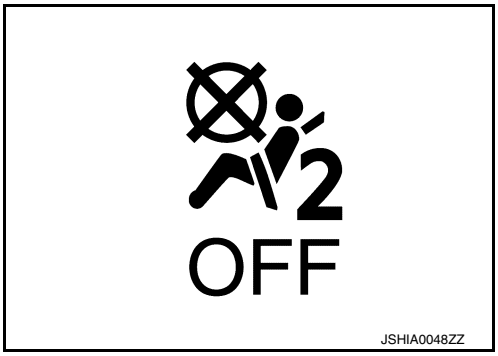
No.	Component	Function
①	Curtain air bag module	Refer to SR-8, "AIR BAG MODULE : Curtain air bag module".
②	Seat belt buckle	Detect seat belt status.
③	Knee air bag module	Refer to SR-7, "AIR BAG MODULE : Knee air bag module".
④	Passenger air bag module Passenger air bag module (active vent)	Refer to SR-7, "AIR BAG MODULE : Passenger air bag module".
⑤	BCM	Refer to BCS-8, "BODY CONTROL SYSTEM : Component Parts Location".
⑥	Combination meter (air bag warning lamp)	Refer to MWI-7, "METER SYSTEM : Component Parts Location".
⑦	Steering column control module	Refer to BCS-9, "STEERING COLUMN CONTROL SYSTEM : Component Parts Location".
⑧	Driver air bag module	Refer to SR-7, "AIR BAG MODULE : Driver air bag module".
⑨	Side air bag module	Refer to SR-7, "AIR BAG MODULE : Side air bag module".
⑩	Rear seat belt pre-tensioner	Refer to SB-5, "Seat belt pre-tensioner with Load limiter".
⑪	Rear door satellite sensor	Refer to SR-11, "MAIN COMPONENT PARTS AND FUNCTIONS : Satellite sensor".
⑫	Front seat belt pre-tensioner Front seat belt force limiter	Refer to SB-5, "Seat belt pre-tensioner with Load limiter".
⑬	B-pillar satellite sensor	Refer to SR-11, "MAIN COMPONENT PARTS AND FUNCTIONS : Satellite sensor".
⑭	Front door satellite sensor	Refer to SR-11, "MAIN COMPONENT PARTS AND FUNCTIONS : Satellite sensor".
⑮	Air bag diagnosis sensor unit	Refer to SR-12, "MAIN COMPONENT PARTS AND FUNCTIONS : Air bag diagnosis sensor unit".
⑯	Crash zone sensor	Refer to SR-11, "MAIN COMPONENT PARTS AND FUNCTIONS : Crash zone sensor".
⑰	Pyrofuse	Refer to SR-12, "MAIN COMPONENT PARTS AND FUNCTIONS : Pyrofuse".

No.	Component	Function
⑱	Occupant classification system sensor	Detect front passenger seat occupant.
⑲	Occupant classification system control unit	When judge that occupied by a adult or a child and passenger seat belt is not fasten, turns ON front passenger air bag ON/ OFF indicator.
⑳	Front passenger seat position detection switch	Detect front passenger seat position.

Front Passenger Air Bag Off Indicator

INFOID:0000000013529178

Front 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.



JSHIA0048ZZ

Front Passenger Air Bag On Indicator

INFOID:0000000013529179

Front passenger air bag ON indicator indicates whether or not passenger air bag is in the activation mode based on the judgement of occupant classification system.



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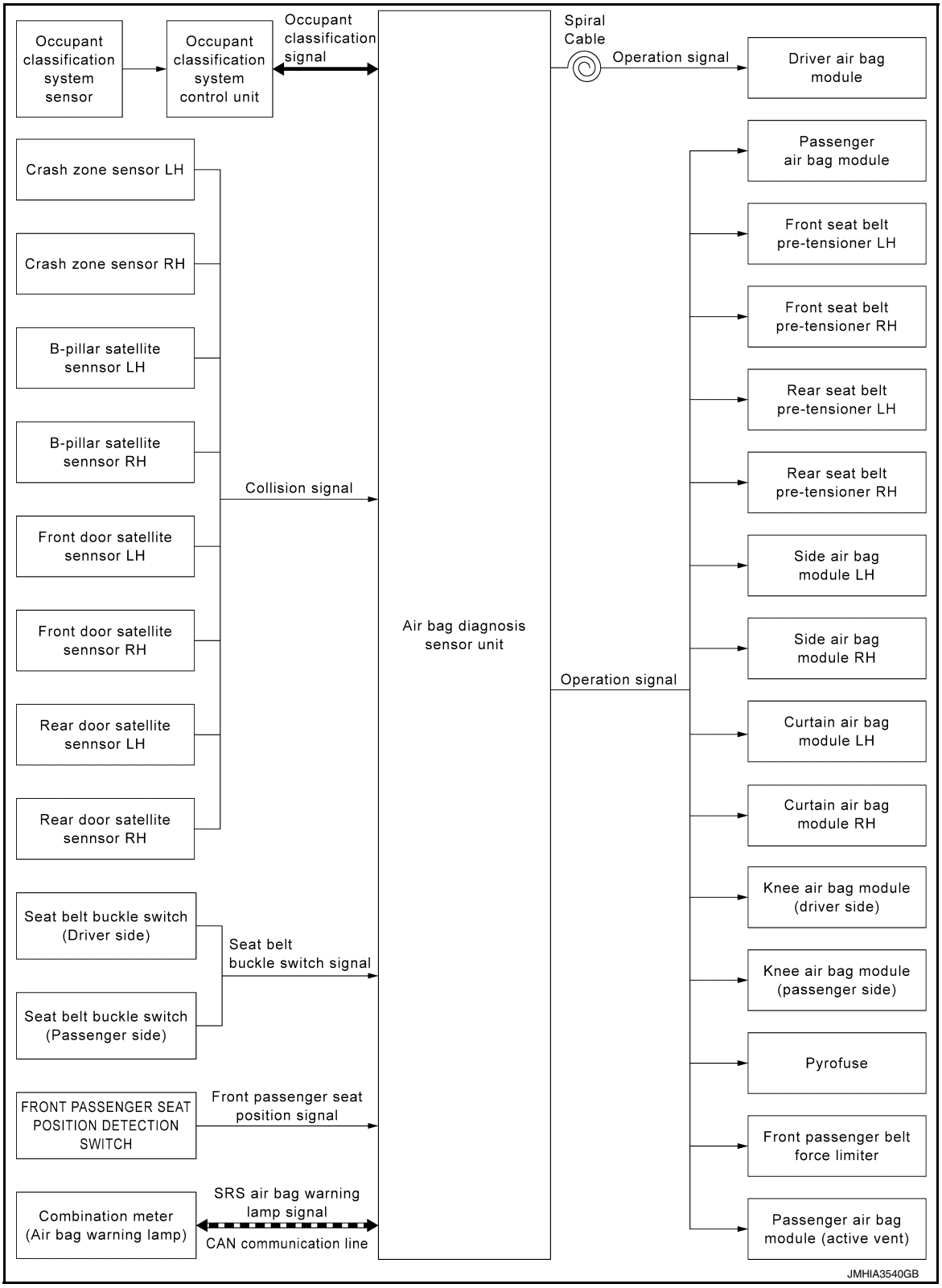
SYSTEM

SRS AIR BAG SYSTEM

SRS AIR BAG SYSTEM : System Description

INFOID:0000000013529180

SYSTEM DIAGRAM



SYSTEM DESCRIPTION

< SYSTEM DESCRIPTION >

Supplemental Restraint System (SRS) activates air bag module and seat belt pre-tensioner when it detects a frontal collision or a side collision that is more than the specified limit. Together with other safety devices, it reduces the impact that occupant receives when vehicle collision occurs. Air bag diagnosis sensor unit supplies power supply to air bag module and pre-tensioner seat belt when deceleration that is more than the specified limit is detected by G sensor in air bag diagnosis sensor unit, crash zone sensor, 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 turns air bag warning lamp ON.
- Detects and records the deployment of air bag and seat belt pre-tensioner, and turns ON air bag warning lamp.
- Indicates the malfunction record via CONSULT.

FUNCTION SEQUENCE FOR ADDITIONAL FUNCTIONS IN THE EVENT OF A CRASH

The additional functions in the event of a crash include the following sub functions.

- Function sequence for activating the hazard warning flasher function
  The hazard warning flasher function is activated automatically for warming warn other road users in the event of an accident.
- Function sequence for switching on interior illumination
  For helping the vehicle occupants or persons giving assistance to find their way around the vehicle interior in the event of an accident, the interior illumination automatically activates.
- Function sequence for opening the central locking system
  For helping gain access to vehicle occupants who may be injured in the event of an accident, the central locking unlocks automatically.
- Function sequence for opening the side windows
  Smoke particles are produced in the vehicle interior when the pyrotechnical restraint equipment is triggered. The front side windows open automatically by approximately. s = 50 mm allowing these smoke particles to quickly disperse.
- Function sequence for switching off engine
  For preventing the potential risk of fire after an accident, the engine turns off automatically. In addition, after the air bag has deployed, ECM prohibits the start-up of the engine. To start the engine, refer to EC-199, "Description".

AIR BAG WARNING LAMP

- Detects electrical malfunction in air bag system and seat belt pre-tensioner system, and turns air bag warning lamp ON.
- Detects deployment malfunction in air bag system and seat belt pre-tensioner system, and turns air bag warning lamp ON.

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, seat belt pre-tensioner and lap pre-tensioner are activated in a frontal collision.
SRS configurations that are activated for the following collision modes.

×: Apply —: Not apply

SRS configuration	Frontal collision	Rear collision	Left side collision	Right side collision
Driver air bag module	×	—	—*1	—*1
Passenger air bag module	×	—	—*1	—*1
Front seat belt pre-tensioner LH	×	×	×	—*1
Front seat belt pre-tensioner RH	×	×	—*1	×

SRS configuration	Frontal collision	Rear collision	Left side collision	Right side collision
Rear seat belt pre-tensioner LH	×	×	×	—*1
Rear seat belt pre-tensioner RH	×	×	—*1	×
Side air bag module LH	—*2	—	×	—*2
Side air bag module RH	—*3	—	—*3	×
Curtain air bag module LH	—*2	—	×	—*2
Curtain air bag module RH	—*3	—	—*3	×
Knee air bag module (Driver side)	×	—	—	—
Knee air bag module (Passenger side)	×	—	—	—
Collision detection output function	×	×	×	×

*1: SRS may be activated when an excessive impact is applied toward the front of the vehicle.
*2: SRS may be activated when an excessive impact is applied toward the left of the vehicle.
*3: SRS may be activated when an excessive impact is applied toward the right of the vehicle.

THIS OCCUPANT CLASSIFICATION SYSTEM

This Occupant Classification System has the following functions.
Suppress the deployment of front passenger air bag when front passenger seat is empty, or when occupied by child and child-seat. Turns ON front passenger air bag OFF indicator when front passenger seat is occupied by child-seat and child.

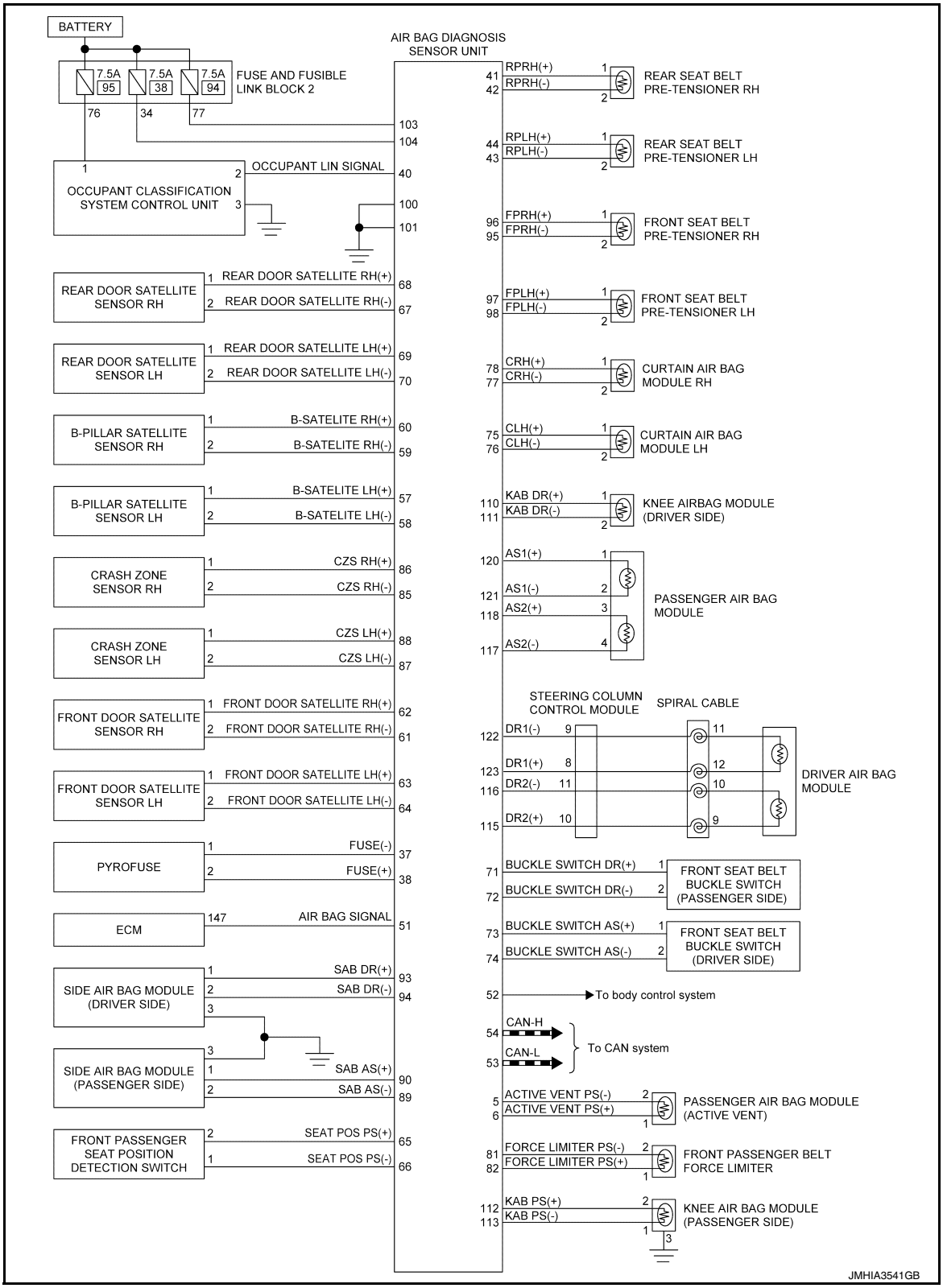
Active Vent Function
Air bag diagnosis sensor module opens vent of passenger side air bag module by passenger side occupant detecting condition if necessary. The pressure of the developed air bag falls, and the passenger side occupant is take care of appropriately.

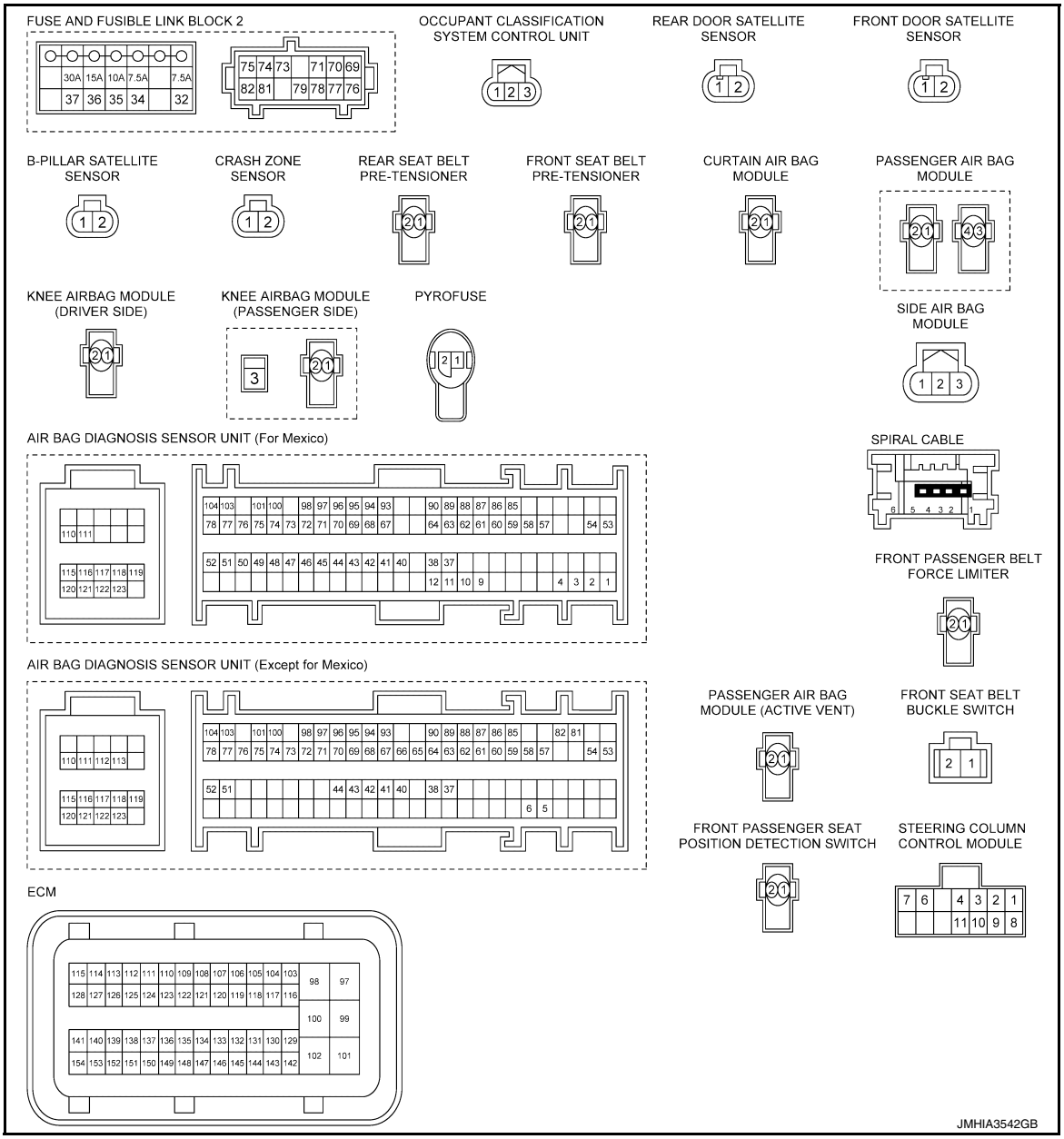
Force Limiter Function
- The belt force limiter functions to ensure that the body of occupant is not subjected to restraining force of a certain level or more.
- The front passenger belt force limiter is linked with the operation of the passenger air bag module. It reduces the amount of impact that occupant receives in an accident.

Front Passenger Seat Position Function
The air bag diagnosis sensor unit uses the status of the front passenger seat position detection switch to determine the corresponding trigger time of the front passenger air bag. However, this only applies when it is detected that the front passenger seat is occupied.

SRS AIR BAG SYSTEM : Circuit Diagram

INFOID:0000000013529181





WARNING/INDICATOR/CHIME LIST

WARNING/INDICATOR/CHIME LIST : Warning Lamp/Indicator Lamp

INFOID:0000000013529182

Item	Design	Reference
SRS air bag warning lamp		For layout, refer to MWI-8, "METER SYSTEM : Design". For function, refer to MWI-31, "WARNING LAMPS/INDICATOR LAMPS : SRS Air Bag Warning Lamp".

DIAGNOSIS SYSTEM (AIR BAG DIAGNOSIS SENSOR UNIT)

CONSULT Function

INFOID:0000000013529183

APPLICATION ITEM

CONSULT performs the following functions.

Diagnosis mode	Description
Self Diagnostic Result	Displays the diagnosis result judged by air bag diagnosis sensor unit.
Work Support	This mode enables a technician to adjust some devices faster and more accurately by the indications on the CONSULT unit.
Data Monitor	Displays input signals of air bag diagnosis sensor unit.
ECU Identification	Displays part number of air bag diagnosis sensor unit.

SELF-DIAG RESULT

Refer to SRC-20, "DTC Index".

WORK SUPPORT MODE

Work Item

Work item	Description
Learn key number	Air bag diagnosis sensor unit receives the key number sent to CAN communication
LOCK ECU	Air bag and seat belt pre-tensioner is can be deployed in this mode • Locked: Deploy • Unlocked: Non-deployment

DATA MONITOR MODE

Monitored Item

Monitor Item	Description
CAN MES VOLT CIRC 30R	System battery voltage
VOLTAGE AT CIRCUIT 30G	—
BATTERY VOLTAGE	Battery voltage
DRIVER AIRBAG SQUIB 1	—
DRIVER AIRBAG SQUIB 2	—
FR PASS AIRBAG SQUIB 1	—
FR PASS AIRBAG SQUIB 2	—
DRIVER KNEEBAG IGN SQUIB	—
LEFT WINDOWBAG SQUIB	—
RIGHT WINDOWBAG SQUIB	—
FR PASS KNEEBAG SQUIB	—
RIGHT REAR SIDEBAG SQUIB	—
DRIVER SIDEBAG SQUIB	—
LEFT REAR SIDEBAG SQUIB	—
DR ANCH FIT TENS SQUIB	—
DR EMR TEN RET SQUIB	—
FR PAS ANCH FIT TENS SQUIB	—
FR PAS EMR TEN RET SQUIB	—
LEFT 2ND ROW ETR SQUIB	—
RIGHT 2ND ROW ETR SQUIB	—

Monitor Item	Description
PYROFUSE	—
PYROTECHNIC SEPARATOR	—
LR ACTIVE ENG HOOD SQUIB	—
RR ACTIVE ENG HOOD SQUIB	—
DRIVER BELT FORCE LIMITER	—
FR PAS BELT FORCE LIMITER	—
DR SEAT POS DETECTION SW	—
FR PASS SEAT POS DETE SW	—
DR BELT BUCK REST SW	—
FR PAS BELT BUCK REST SW	—
LEFT REAR BELT BUCK SW	—
CENTER RR BELT BUCK SW	—
RIGHT RR BELT BUCK SW	—
DRIVER BELT BUCK REST SW	—
FR PAS BELT BUCK REST SW	—
LEFT RR BELT BUCK SW	—
CENTER RR BELT BUCK SW	—
RIGHT RR BELT BUCK SW	—
SEAT OCC REC FR PAS SEAT	—
FRONT PASSENGER SEAT	—
CAN MES BELT BUCK DR	—
CAN MES BELT BUCK FR PAS	—
Initial startup	—
Fr pas airbag vent val ign squib	—

DIAGNOSIS SYSTEM (OCCUPANT CLASSIFICATION SYSTEM)

CONSULT Function

INFOID:0000000013529184

APPLICATION ITEM

CONSULT performs the following functions.

Diagnosis mode	Description
Work Support	This mode enables a technician to adjust some devices faster and more accurately by the indications on the CONSULT unit.
Data Monitor	Displays input signals of air bag diagnosis sensor unit.
ECU Identification	Displays part number of air bag diagnosis sensor unit.

WORK SUPPORT MODE

Work Item

Work item	Description
Teach in process	Performs calibration of occupant classification system.

DATA MONITOR MODE

Monitored Item

Monitor Item	Description
CIRCUIT 15R	—
BELT TENSION SENS	—
SUPPLY VOLT (CLAMP 15)	—
STATUS OF CALIBRATION	—
WEIGHT CLASS	—
SEAT OCC RECOGNITION	—
Seat occpd rcgntn press sen	—

ECU DIAGNOSIS INFORMATION

AIR BAG DIAGNOSIS SENSOR UNIT

Reference Value

INFOID:0000000013529185

VALUES ON THE DIAGNOSIS TOOL

NOTE:

The following table includes information (items) inapplicable to this vehicle. For information (items) applicable to this vehicle, refer to CONSULT display items.

Monitor Item	Condition	Value/Status
CAN MES VOLT CIRC 30G	System battery voltage	Volts
VOLTAGE AT CIRCUIT 30G	—	mV
BATTERY VOLTAGE	Battery voltage	Volts
DRIVER AIRBAG SQUIB 1	—	Ohms
DRIVER AIRBAG SQUIB 2	—	Ohms
FR PASS AIRBAG SQUIB 1	—	Ohms
FR PASS AIRBAG SQUIB 2	—	Ohms
DRIVER KNEEBAG IGN SQUIB	—	Ohms
LEFT WINDOWBAG SQUIB	—	Ohms
RIGHT WINDOWBAG SQUIB	—	Ohms
FR PASS KNEEBAG SQUIB	—	Ohms
RIGHT REAR SIDEBAG SQUIB	—	Ohms
DRIVER SIDEBAG SQUIB	—	Ohms
LEFT REAR SIDEBAG SQUIB	—	Ohms
DR ANCH FIT TENS SQUIB	—	Ohms
DR EMR TEN RET SQUIB	—	Ohms
FR PAS ANCH FIT TENS SQUIB	—	Ohms
FR PAS EMR TEN RET SQUIB	—	Ohms
LEFT 2ND ROW ETR SQUIB	—	Ohms
RIGHT 2ND ROW ETR SQUIB	—	Ohms
PYROFUSE	—	Ohms
PYROTECHNIC SEPARATOR	—	Ohms
LR ACTIVE ENG HOOD SQUIB	—	Ohms
RR ACTIVE ENG HOOD SQUIB	—	Ohms
DRIVER BELT FORCE LIMITER	—	Ohms
FR PAS BELT FORCE LIMITER	—	Ohms
DR SEAT POS DETECTION SW	—	—
FR PASS SEAT POS DETE SW	—	—
DR BELT BUCK REST SW	—	—
FR PAS BELT BUCK REST SW	—	—
LEFT REAR BELT BUCK SW	—	—
CENTER RR BELT BUCK SW	—	—
RIGHT RR BELT BUCK SW	—	—
DRIVER BELT BUCK REST SW	—	Ohms
FR PAS BELT BUCK REST SW	—	Ohms
LEFT RR BELT BUCK SW	—	Ohms

Monitor Item	Condition	Value/Status
CENTER RR BELT BUCK SW	—	Ohms
RIGHT RR BELT BUCK SW	—	Ohms
SEAT OCC REC FR PASS SEAT	—	Ohms
FRONT PASSENGER SEAT	—	—
CAN MES BELT BUCK DR	—	—
CAN MES BELT BUCK FR PAS	—	—
INITIAL STARTUP	—	—
Fr pas airbag vent val ign squib	—	Ohms

DTC Index

INFOID:0000000013529186

DTC	Diagnostic item	Reference
U0146–00	COMMUNICATION ERROR (LOST)	SRC-161
U0155–00	COMMUNICATION ERROR (LOST)	SRC-163
U1008–41	LIN 1 Bus	SRC-165
U1008–55		
U1008–56		
U1008–87		
U1032–88	Chassis CAN Bus	SRC-167
U1110–00	VEHICLE SPEED SIGNAL	SRC-168
U1175–00	Circuit 15 signal	SRC-170
U1606–00	Record data 1	SRC-172
U1607–00	Record data 2	SRC-173
B0001–11	Driver air bag module 1	SRC-61
B0001–12		
B0001–13		
B0001–2B		
B0001–55		
B0001–9A		
B0002–11	Driver air bag module 2	SRC-64
B0002–12		
B0002–13		
B0002–2B		
B0002–55		
B0002–9A		
B0004–11	Driver knee air bag module	SRC-67
B0004–12		
B0004–13		
B0004–2B		
B0004–55		
B0004–9A		

DTC	Diagnostic item	Reference
B0010–11	Passenger air bag module 1	SRC-70
B0010–12		
B0010–13		
B0010–2B		
B0010–55		
B0010–9A		
B0011–11	Passenger air bag module 2	SRC-73
B0011–12		
B0011–13		
B0011–2B		
B0011–55		
B0011–9A		
B0012–11	Passenger air bag vent valve	SRC-76
B0012–12		
B0012–13		
B0012–2B		
B0012–55		
B0012–9A		
B0013–11	Passenger knee air bag module	SRC-80
B0013–12		
B0013–13		
B0013–2B		
B0013–55		
B0013–9A		
B0021–11	Curtain air bag module left	SRC-83
B0021–12		
B0021–13		
B0021–2B		
B0021–55		
B0021–9A		
B0029–11	Curtain air bag module right	SRC-86
B0029–12		
B0029–13		
B0029–2B		
B0029–9A		
B0050–11	Seat belt buckle driver side	SRC-88
B0050–12		
B0050–13		
B0050–55		
B0050–9A		

DTC	Diagnostic item	Reference
B0052–11	Seat belt buckle passenger side	SRC-91
B0052–12		
B0052–13		
B0052–55		
B0052–9A		
B007E–11	Seat belt pre-tensioner driver side	SRC-94
B007E–12		
B007E–13		
B007E–2B		
B007E–55		
B007E–9A		
B007F–11	Seat belt pre-tensioner passenge side	SRC-97
B007F–12		
B007F–13		
B007F–2B		
B007F–55		
B007F–9A		
B0082–11	Seat belt force limiter passenger side	SRC-100
B0082–12		
B0082–13		
B0082–2B		
B0082–55		
B0082–9A		
B0090–11	Crash zone sensor left	SRC-103
B0090–12		
B0090–49		
B0090–55		
B0090–87		
B0091–11	Crash zone sensor left	SRC-106
B0091–12		
B0091–49		
B0091–55		
B0091–87		
B0092–11	Crash zone sensor left	SRC-109
B0092–12		
B0092–49		
B0092–55		
B0092–87		
B0093–11	Crash zone sensor left	SRC-112
B0093–12		
B0093–49		
B0093–55		
B0093–87		

DTC	Diagnostic item	Reference
B0095–11	Crash zone sensor right	SRC-115
B0095–12		
B0095–49		
B0095–55		
B0095–87		
B0096–11	Crash zone sensor right	SRC-118
B0096–12		
B0096–49		
B0096–55		
B0096–87		
B0097–11	Crash zone sensor right	SRC-121
B0097–12		
B0097–49		
B0097–55		
B0097–87		
B0098–11	Crash zone sensor right	SRC-124
B0098–12		
B0098–49		
B0098–55		
B0098–87		
B0099–96	Satellite sensor	SRC-127
B00A0–01	Occupant detection sensor ECU	SRC-128
B00A0–16		
B00A0–54		
B00A0–56		
B00A0–57		
B00A0–68		
B00A0–7A		
B00A0–7B		
B00A0–81		
B00A0–92		
B00A0–96		
B00A0–98		
B00C5–11	Passenger seat position sensor	SRC-131
B00C5–12		
B00C5–13		
B00C5–55		
B00E3–11	Seat belt pre-tensioner rear left	SRC-133
B00E3–12		
B00E3–13		
B00E3–2B		
B00E3–55		
B00E3–9A		

DTC	Diagnostic item	Reference
B00E4–11	Seat belt pre-tensioner rear right	SRC-136
B00E4–12		
B00E4–13		
B00E4–2B		
B00E4–55		
B00E4–9A		
B1BC7–00	Air bag diagnosis sensor unit	SRC-139
B2103–13	Power supply circuit	SRC-140
B2103–16		
B2103–17		
B210F–13	Power supply circuit	SRC-142
B210F–16		
B210F–17		
B2205–00	Vehicle identification number	SRC-144
B2206–00	Vehicle identification number	SRC-145
B2207–00	Air bag diagnosis sensor unit	SRC-146
B2208–00	Air bag diagnosis sensor unit	SRC-147
B220B–00	Air bag diagnosis sensor unit	SRC-148
B2255–00	Satellite sensor	SRC-149
B2280–00	Configuration (steering variant)	SRC-150
B2722–00	Air bag diagnosis sensor unit	SRC-151
B2735–11	Pyrofuse circuit	SRC-152
B2735–12		
B2735–13		
B2735–2B		
B2735–55		
B2735–9A		
B2750–11	Driver side air bag module	SRC-155
B2750–12		
B2750–13		
B2750–2B		
B2750–55		
B2750–9A		
B2751–11	Passenger side air bag module	SRC-158
B2751–12		
B2751–13		
B2751–2B		
B2751–55		
B2751–9A		

OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

Reference Value

INFOID:0000000013529187

VALUES ON THE DIAGNOSIS TOOL

NOTE:
The following table includes information (items) inapplicable to this vehicle. For information (items) applicable to this vehicle, refer to CONSULT display items.

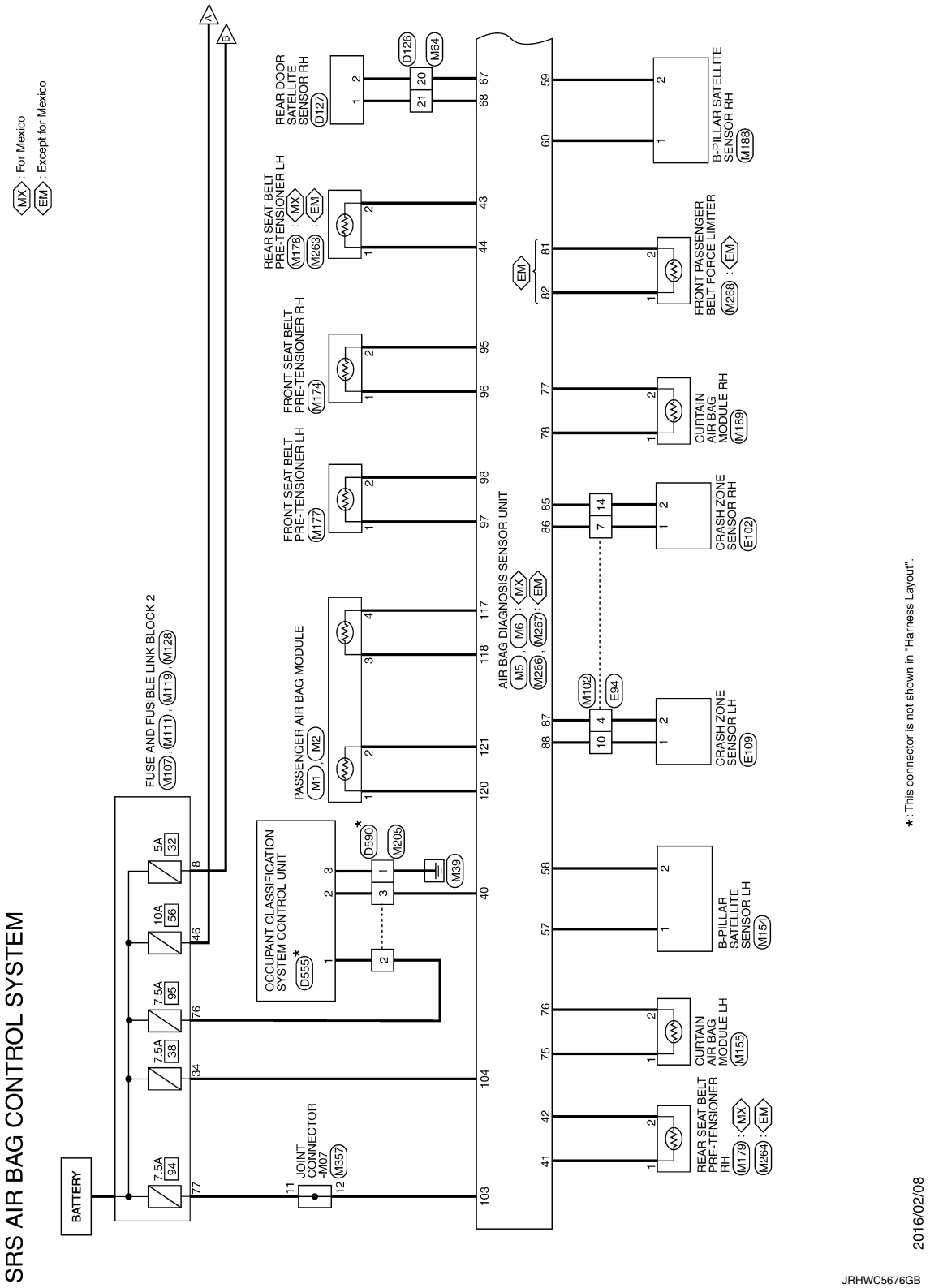
Monitor Item	Condition	Value/Status
CIRCUIT 15R	—	Volts
BELT TENSION SENS	—	N
SUPPLY VOLT (CLAMP 15)	—	Volts
STATUS OF CALIBRATION	—	—
WEIGHT CLASS	—	—
SEAT OCC RECOGNITION	—	—
Seat occpd rcgntn press sen	—	—

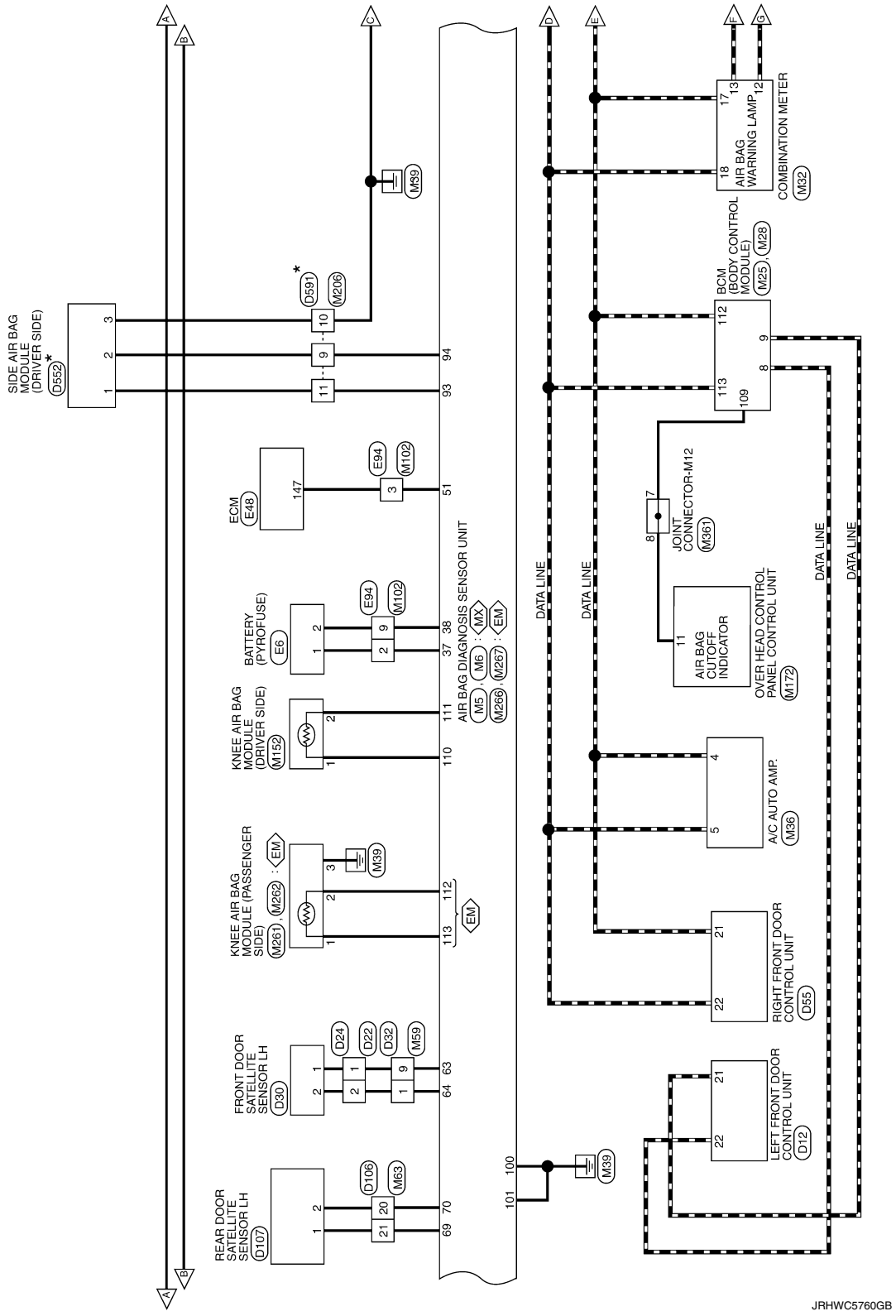
WIRING DIAGRAM

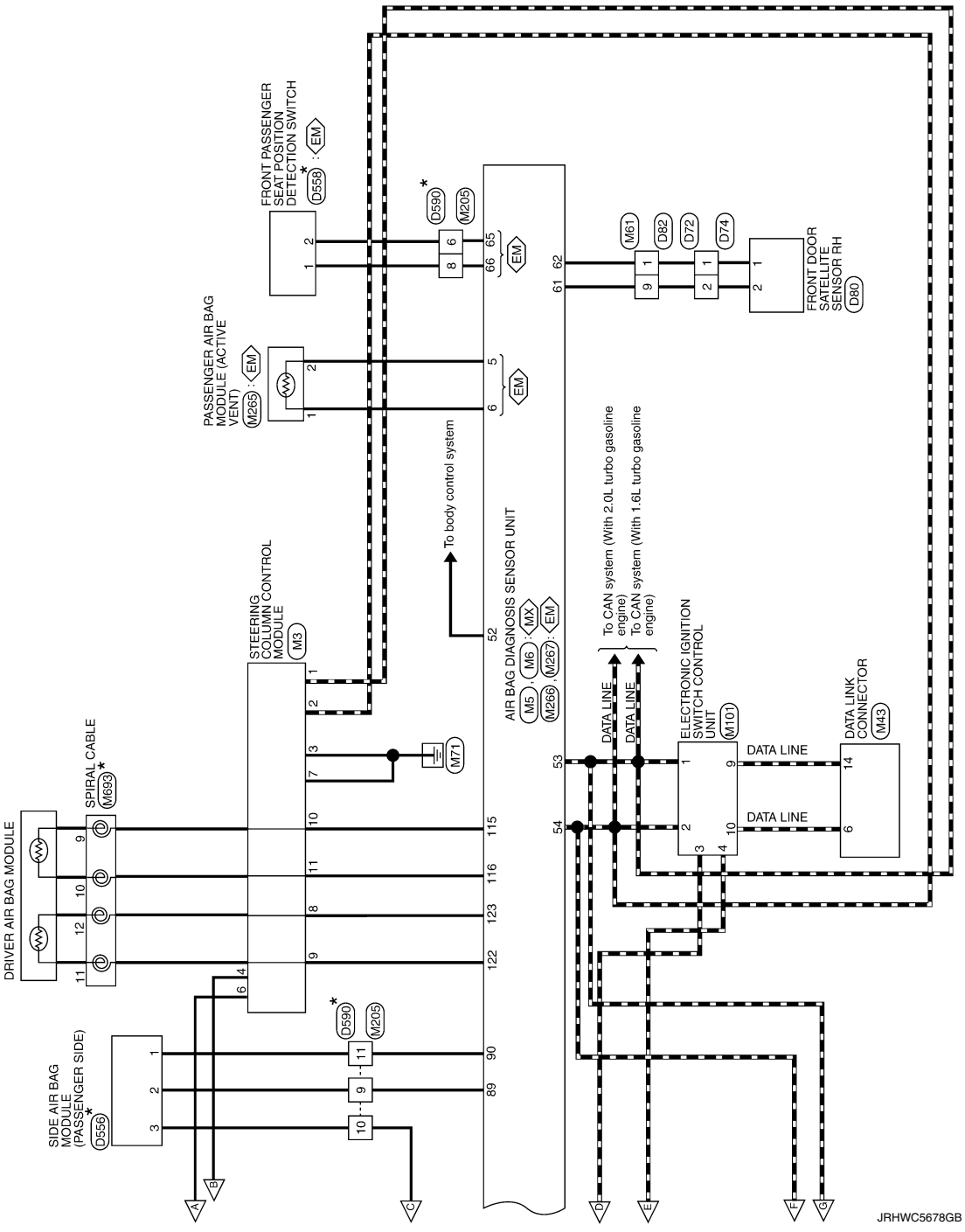
SRS AIR BAG SYSTEM

Wiring Diagram

INFOID:0000000013529188




SIDE AIR BAG MODULE (DRIVER SIDE) D552
D591 M206
M39
ECM E48
E94 M102
BATTERY (PYROFUSE) E6
KNEE AIR BAG MODULE (DRIVER SIDE) M152
KNEE AIR BAG MODULE (PASSENGER SIDE) M261, M262
FRONT DOOR SATELLITE SENSOR LH D30
REAR DOOR SATELLITE SENSOR LH D107
D106 M63
AIR BAG DIAGNOSIS SENSOR UNIT M5, M6, M266, M267
DATA LINE
COMBINATION METER M32
AIR BAG WARNING LAMP
BCM (BODY CONTROL MODULE) M25 M28
JOINT CONNECTOR-M12 M361
AIR BAG CUTOFF INDICATOR
OVER HEAD CONTROL PANEL CONTROL UNIT M172
A/C AUTO AMP. M36
RIGHT FRONT DOOR CONTROL UNIT D55
LEFT FRONT DOOR CONTROL UNIT D12
JRHWC5760GB


FRONT PASSENGER SEAT POSITION DETECTION SWITCH
D558
EM
D590
M205
PASSENGER AIR BAG MODULE (ACTIVE VENT)
M265
EM
To body control system
STEERING COLUMN CONTROL MODULE
M3
AIR BAG DIAGNOSIS SENSOR UNIT
M5
M6
M266
M267
MX
EM
To CAN system (With 2.0L turbo gasoline engine)
To CAN system (With 1.6L turbo gasoline engine)
DATA LINE
DATA LINE
ELECTRONIC IGNITION SWITCH CONTROL UNIT
M101
DATA LINE
DATA LINE
DATA LINK CONNECTOR
M43
FRONT DOOR SATELLITE SENSOR RH
D80
M61
D82
D72
D74
SPIRAL CABLE
M693
DRIVER AIR BAG MODULE
M71
SIDE AIR BAG MODULE (PASSENGER SIDE)
D556
JRHWC5678GB

SRS AIR BAG CONTROL SYSTEM

Connector No.	D12
Connector Name	LEFT FRONT DOOR CONTROL UNIT
Connector Type	MB_A0025406281

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
21	BR	BODY CAN 2-L
22	R	BODY CAN 2-H
23	L	ROTARY CATCH SIGNAL
24	BR	GROUND
25	R	BATTERY POWER SUPPLY

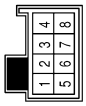
Connector No.	D22
Connector Name	WIRE TO WIRE
Connector Type	MB_A0255458826

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	BR	-
3	P	-
4	B	-
5	R	-
6	W	-
7	B	-
8	SHIELD	-

Connector No.	D24
Connector Name	WIRE TO WIRE
Connector Type	MB_A0495450828

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	BR	-
3	L	-
4	BR	-
5	L	-
6	W	-
7	B	-
8	SHIELD	-

Connector No.	D30
Connector Name	FRONT DOOR SATELLITE SENSOR LH
Connector Type	MB_A0225451926

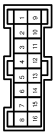
H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	BR	-

Connector No.	D32
Connector Name	WIRE TO WIRE
Connector Type	AMP_953892-1

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	-
2	BR	-
3	P	-
4	GR	- [Without BOSE audio]
4	V	- [With BOSE audio]
5	P	-
6	L	-
7	R	-
8	W	-
9	B	-
10	R	-
11	G	-
12	BR	- [Without BOSE audio]
12	P	- [With BOSE audio]
13	B	-
15	B	-
16	SHIELD	-

Connector No.	D55
Connector Name	RIGHT FRONT DOOR CONTROL UNIT
Connector Type	MB_A0025406281

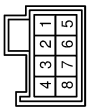
H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
21	BR	BODY CAN 1-L
22	R	BODY CAN 1-H
24	BR	GROUND
25	R	BATTERY POWER SUPPLY

Connector No.	D72
Connector Name	WIRE TO WIRE
Connector Type	MB_A0255458826

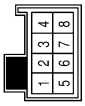
H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	R	-
3	Y	-
4	GR	-
5	R	-
6	W	-
7	B	-
8	SHIELD	-

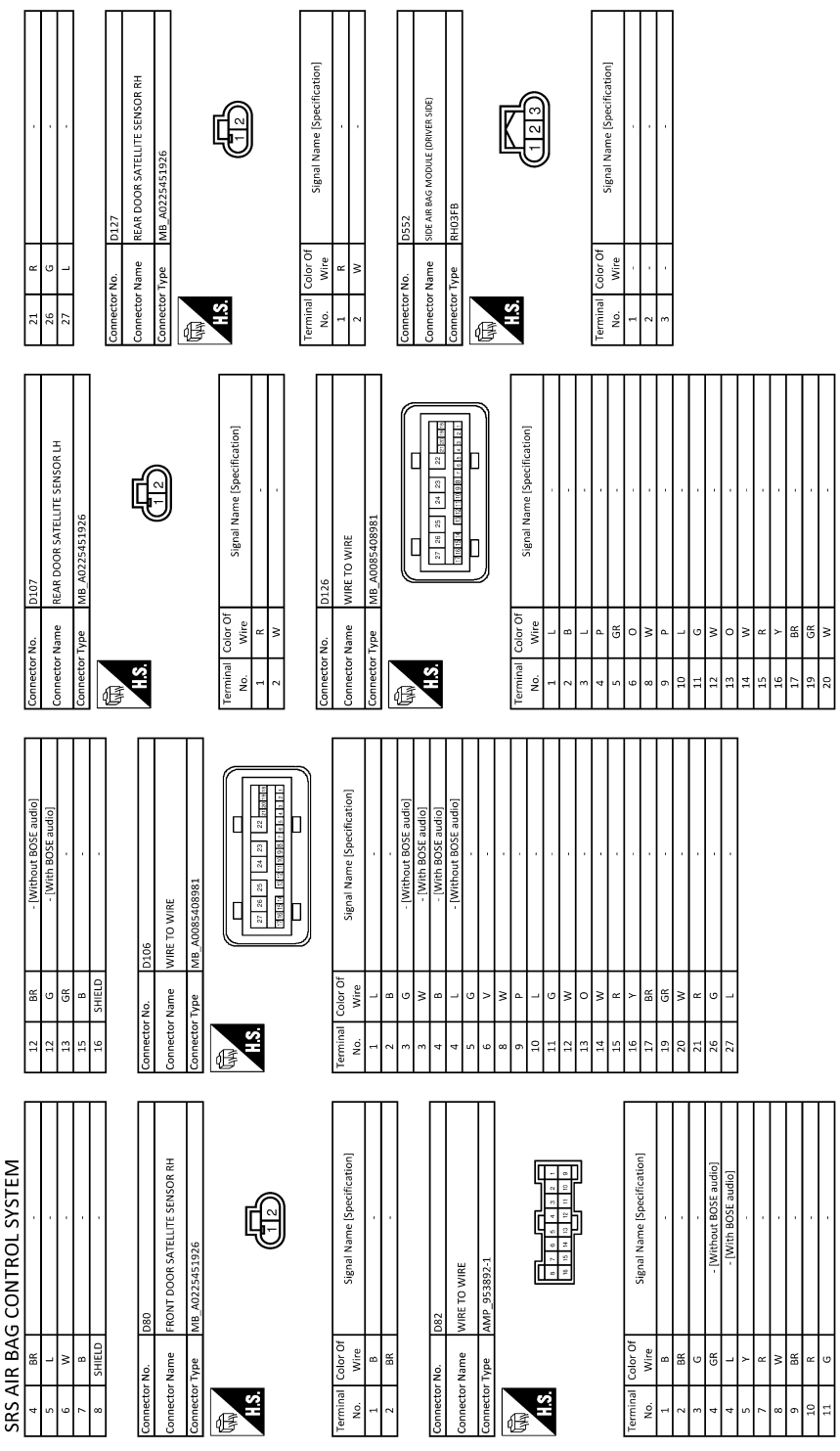
Connector No.	D74
Connector Name	WIRE TO WIRE
Connector Type	MB_A0495450828

H.S.

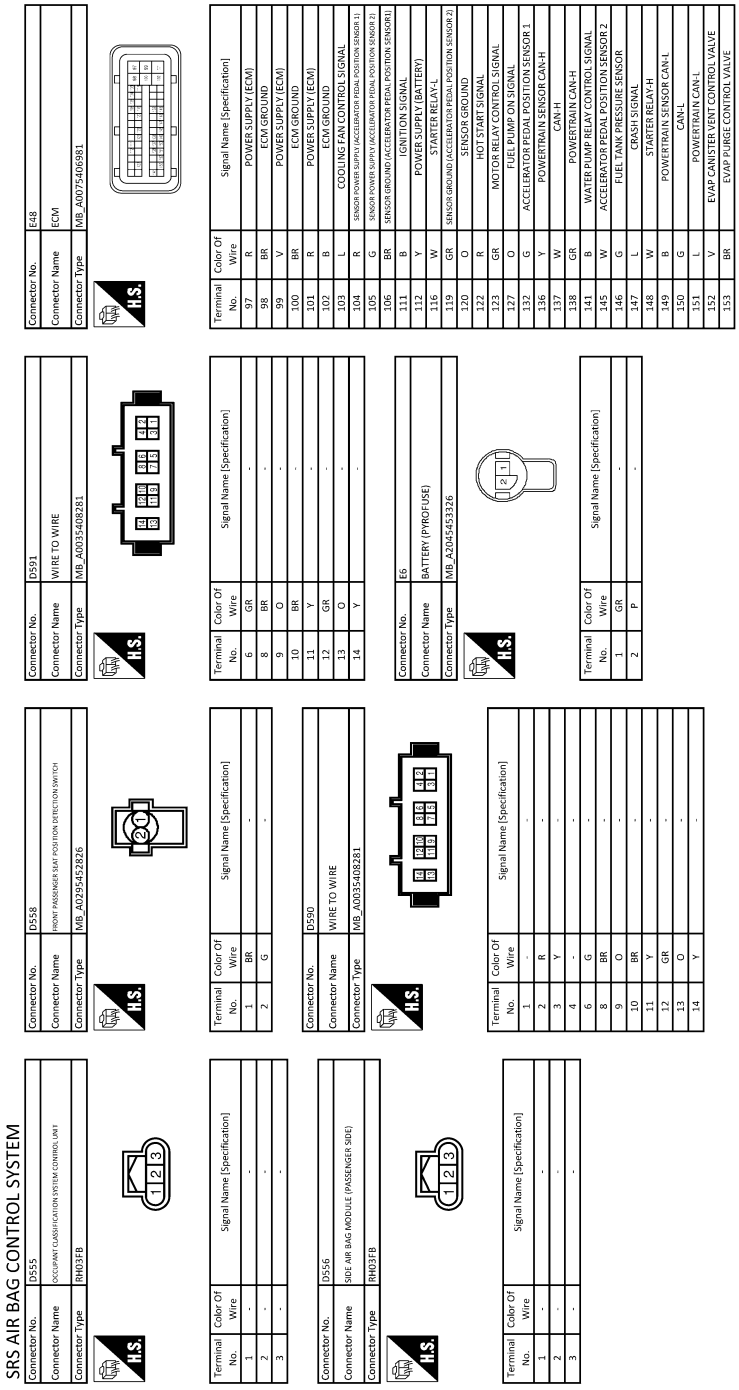


Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	BR	-
3	L	-

JRHWC5679GB



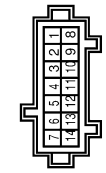
JRHWC5680GB



JRHWC5761GB

SRS AIR BAG CONTROL SYSTEM

Connector No.	E94
Connector Name	WIRE TO WIRE
Connector Type	MB_A2205459928



Terminal No.	Color Of Wire	Signal Name [Specification]
1	V	-
2	GR	-
3	L	-
4	W	-
6	BR	-
7	L	-
9	P	-
10	Y	-
12	GR	-
13	O	-
14	P	-

Connector No.	E102
Connector Name	CRASH ZONE SENSOR RH
Connector Type	MB_A0275458826

Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	P	-

Connector No.	E109
Connector Name	CRASH ZONE SENSOR LH
Connector Type	MB_A0275458826



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	-
2	W	-

Connector No.	M1
Connector Name	PASSENGER AIR BAG MODULE
Connector Type	MB_A0295452926



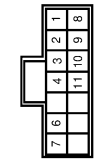
Terminal No.	Color Of Wire	Signal Name [Specification]
1	V/Y	-
2	W/B	-

Connector No.	M2
Connector Name	PASSENGER AIR BAG MODULE
Connector Type	MB_A0295453026



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	R/Y	-

Connector No.	M3
Connector Name	STEERING COLUMN CONTROL MODULE
Connector Type	MB_A2045401281



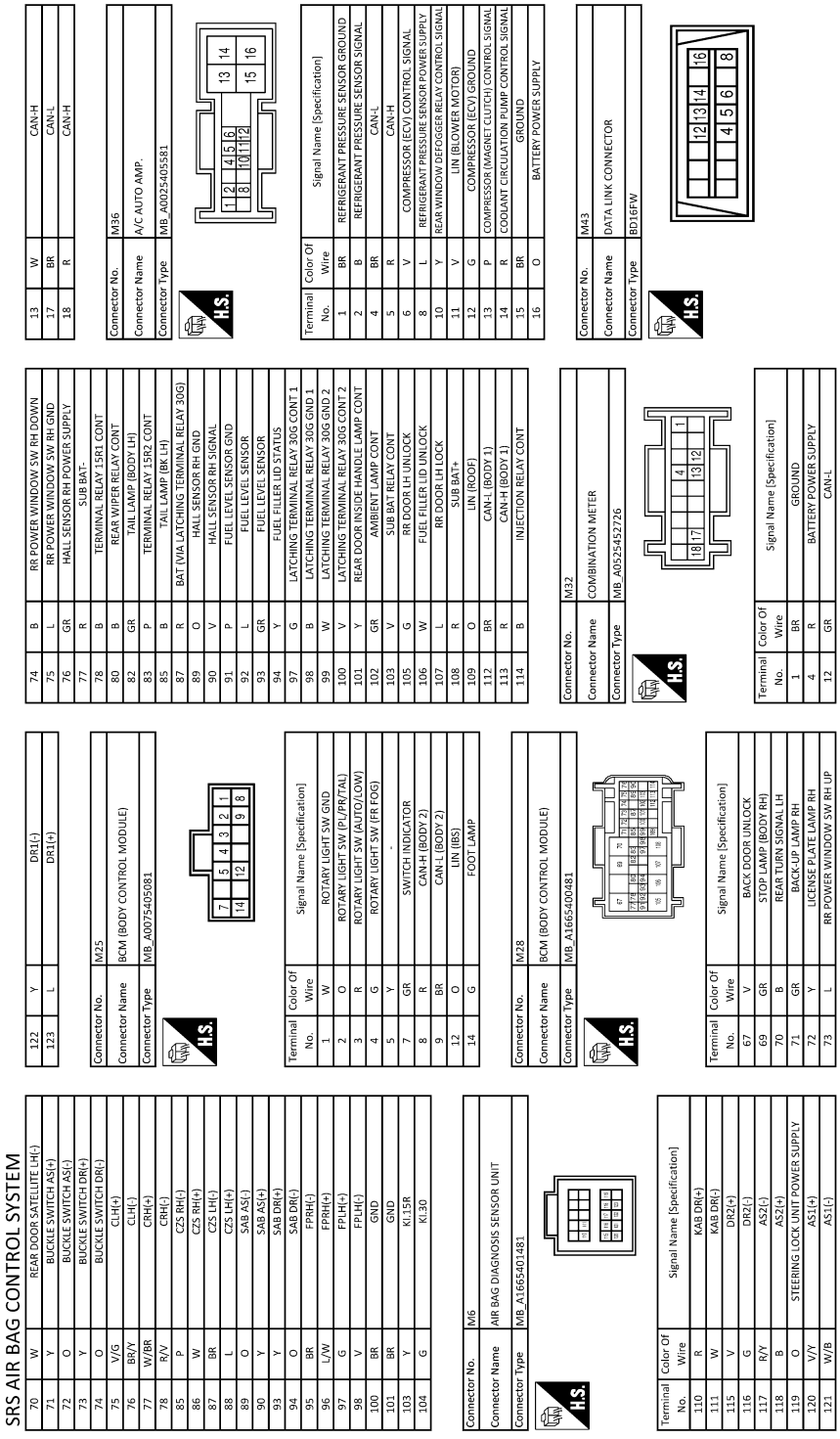
Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	CAN-L (CHASIS)
2	W	CAN-H (CHASIS)
3	BR	GND
4	R	KL30G
6	R	KL30
7	BR	GND
8	L	AB1+
9	Y	AB1-
10	V	AB2+
11	G	AB2-

Connector No.	M5
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	MB_A0095405681



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	BUMPER SENSOR RH GROUND
2	W	BUMPER SENSOR RH SIGNAL
3	B	BUMPER SENSOR LH SIGNAL
4	W	BUMPER SENSOR LH GROUND
9	L/G	POP-UP ENGINE HOOD ACTUATOR RH (-)
10	BR/B	POP-UP ENGINE HOOD ACTUATOR RH (+)
11	O	POP-UP ENGINE HOOD ACTUATOR LH (+)
12	BR/W	POP-UP ENGINE HOOD ACTUATOR LH (-)
37	V	FUSE(-)
38	W	FUSE(+)
40	Y	OCCUPANT LIN SIGNAL
41	V/G	RPRH(+)
42	BR/Y	RPRH(-)
43	BR/Y	RPLH(-)
44	V/G	RPLH(+)
45	B	REAR BUCKLE SWITCH RH(-)
46	G	REAR BUCKLE SWITCH RH(+)
47	B	REAR BUCKLE SWITCH CENTER(-)
48	G	REAR BUCKLE SWITCH CENTER(+)
49	B	REAR BUCKLE SWITCH RH(-)
50	G	REAR BUCKLE SWITCH RH(+)
51	Y	AIR BAG SIGNAL
52	P	AIR BAG SIGNAL
53	G	CAN-L
54	W	CAN-H
57	R	B-SATELITE LH(+)
58	B	B-SATELITE LH(-)
59	BR	B-SATELITE RH(-)
60	L	B-SATELITE RH(+)
61	BR	FRONT DOOR SATELLITE RH(-)
62	G	FRONT DOOR SATELLITE RH(+)
63	B	FRONT DOOR SATELLITE LH(+)
64	BR	FRONT DOOR SATELLITE LH(-)
67	W	REAR DOOR SATELLITE RH(-)
68	B	REAR DOOR SATELLITE RH(+)
69	R	REAR DOOR SATELLITE LH(+)

JRHWC5682GB



JRHWC5683GB

SRS AIR BAG CONTROL SYSTEM

Terminal No.	Color Of Wire	Signal Name [Specification]
4	B	CHASSIS_GND
5	B	ELECTRONICS_GND
6	GR	DIAGNOSTICS-CAN_H_DAI
8	W	IGN_SW
12	L	DIAGNOSTIC-CAN-L_NIS
13	V	DIAGNOSTIC-CAN_H_NIS
14	GR	DIAGNOSTICS-CAN_L_DAI
16	R	BATTERY

Connector No.	M59
Connector Name	WIRE TO WIRE
Connector Type	AMP_953893-1

H.S.

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16

Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	-
2	BR	-
3	O	-
4	V	- [With BOSE audio]
4	W	- [Without BOSE audio]
5	P	-
6	L	-
7	R	-
8	W	-
9	B	-
10	R	-
11	G	-
12	L	- [Without BOSE audio]
12	P	- [With BOSE audio]
13	B	-
15	B	-
16	SHIELD	-

Connector No.	M61
Connector Name	WIRE TO WIRE
Connector Type	AMP_953893-1

H.S.

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16

Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	-
2	BR	-
3	G	-
4	L	- [With BOSE audio]
4	Y	- [Without BOSE audio]
5	V	-
7	R	-
8	W	-
9	BR	-
10	R	-
11	O	-
12	BR	- [Without BOSE audio]
12	G	- [With BOSE audio]
13	GR	-
15	B	-
16	SHIELD	-

Connector No.	M63
Connector Name	WIRE TO WIRE
Connector Type	MB_A0085409181

H.S.

24	23	22	21	20	19	18
17	16	15	14	13	12	11
10	9	8	7	6	5	4
3	2	1				

Terminal No.	Color Of Wire	Signal Name [Specification]
1	O	-
2	BR	-
3	G	- [Without BOSE audio]
3	W	- [With BOSE audio]
4	B	- [With BOSE audio]
4	L	- [Without BOSE audio]
5	G	-
6	V	-
8	GR	-
9	O	-
10	L	-
11	G	-
12	W	-
13	GR	-
14	W	-
15	R	-
16	Y	-
17	BR	-
19	G	-
20	W	-
21	R	-
26	GR	-
27	B	-

Connector No.	M64
Connector Name	WIRE TO WIRE
Connector Type	MB_A0085409181

H.S.

24	23	22	21	20	19	18
17	16	15	14	13	12	11
10	9	8	7	6	5	4
3	2	1				

Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	B	-
3	L	-
4	P	-
5	Y	-
6	O	-
8	GR	-
9	L	-
10	G	-
11	P	-
12	W	-
13	O	-
14	V	-
15	GR	-
16	Y	-
17	BR	-
19	GR	-
20	W	-
21	B	-
26	G	-
27	Y	-

Connector No.	M101
Connector Name	ELECTRONIC IGNITION SWITCH CONTROL UNIT
Connector Type	MB_A0265458426

H.S.

12	11	10	9			
				6	4	3	2	1

Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	CHASSIS CAN-L
2	W	CHASSIS CAN-H
3	R	BODY CAN 1-H
4	BR	BODY CAN 1-L
6	W	STEERING LOCK OPERATION
9	GR	REMOTE KEYLESS
10	W	POWER SUPPLY
11	BR	DIAGNOSTIC CAN-L
12	L	DIAGNOSTIC CAN-H

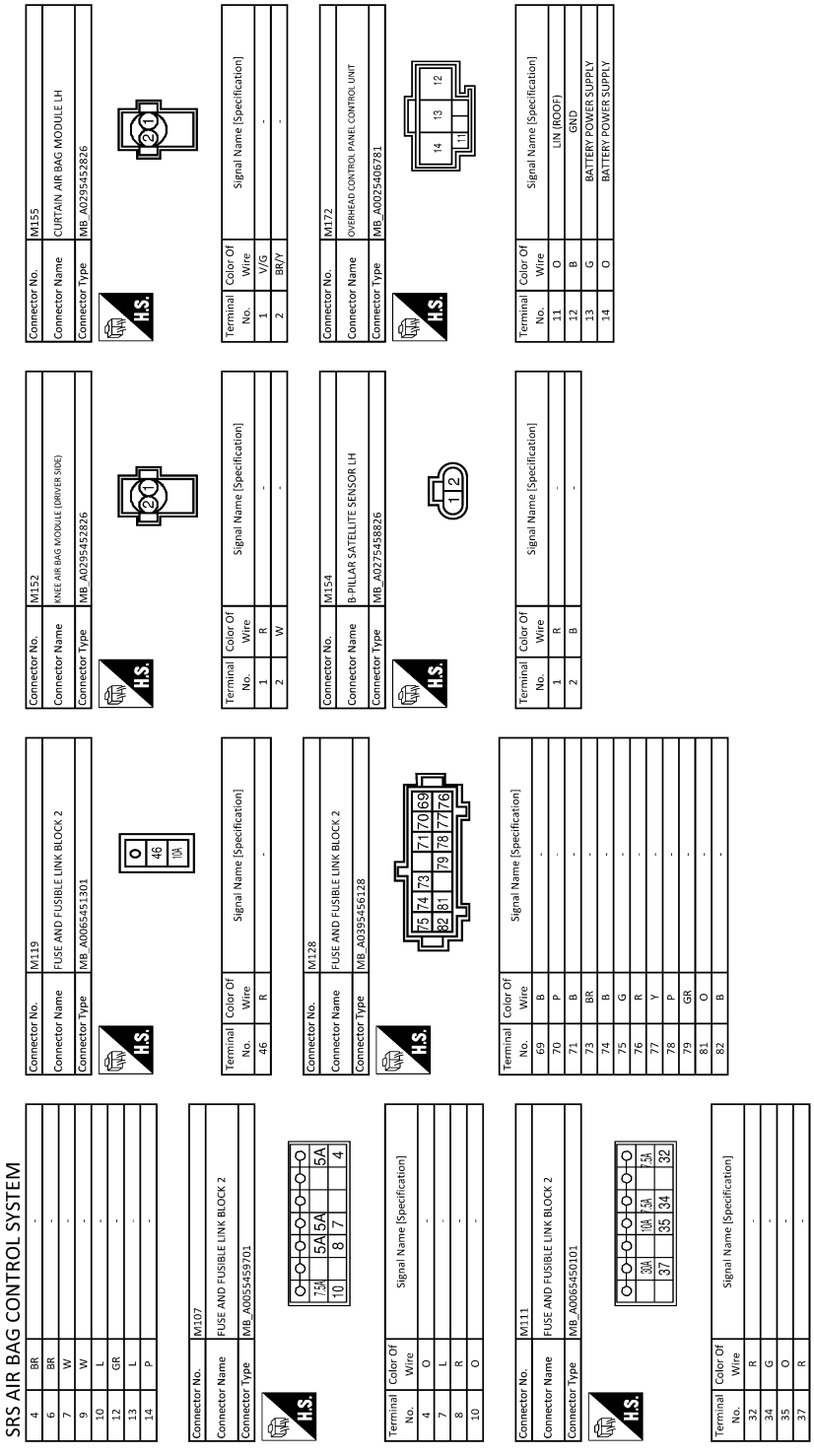
Connector No.	M102
Connector Name	WIRE TO WIRE
Connector Type	MB_A0365458728

H.S.

1	2	3	4	5	6	7
8	9	10	11	12	13	14

Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	-
2	V	-
3	Y	-

JRHWC5684GB



JRHWC5685GB

SRS AIR BAG CONTROL SYSTEM

Connector No.	M174
Connector Name	FRONT SEAT BELT PRE-TENSIONER RH
Connector Type	MB_A0295452826

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	L/W	-
2	BR	-

Connector No.	M177
Connector Name	FRONT SEAT BELT PRE-TENSIONER LH
Connector Type	MB_A0295452826

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	-
2	V	-

Connector No.	M178
Connector Name	REAR SEAT BELT PRE-TENSIONER LH
Connector Type	MB_A0295452826

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	V/G	-
2	BR/Y	-

Connector No.	M179
Connector Name	REAR SEAT BELT PRE-TENSIONER RH
Connector Type	MB_A0295452826

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	V/G	-
2	BR/Y	-

Connector No.	M188
Connector Name	B-PILLAR SATELLITE SENSOR RH
Connector Type	MB_A0275458826

H.S.



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

Connector No.	M189
Connector Name	CURTAIN AIR BAG MODULE RH
Connector Type	MB_A0295452826

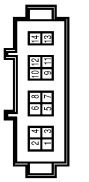
H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R/V	-
2	W/BR	-

Connector No.	M205
Connector Name	WIRE TO WIRE
Connector Type	MB_A0465455228

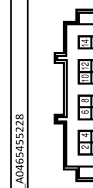
H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	-
2	R	-
3	Y	-
6	G	-
8	BR	-
9	O	-
10	BR	-
11	Y	-
12	GR	-
13	O	-
14	Y	-

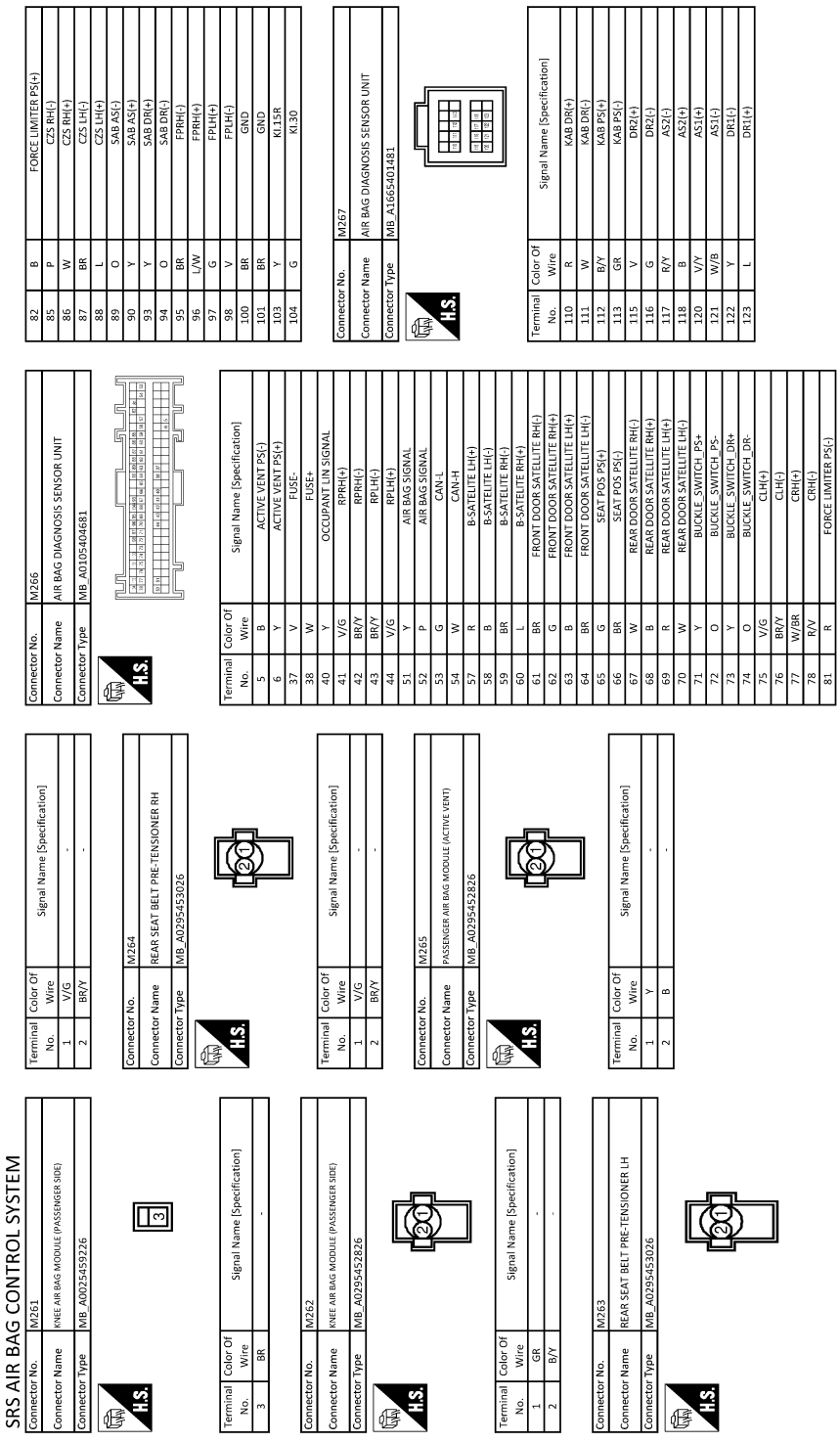
Connector No.	M206
Connector Name	WIRE TO WIRE
Connector Type	MB_A0465455228

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
6	GR	-
8	BR	-
9	O	-
10	BR	-
11	Y	-
12	GR	-
13	O	-
14	Y	-

JRHWC5686GB



JRHWC5687GB

SRS AIR BAG CONTROL SYSTEM

Connector No.	M268
Connector Name	FRONT PASSENGER BELT FORCE LIMITER
Connector Type	MB_A0295452926

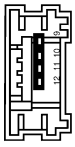
H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	R	-

Connector No.	M693
Connector Name	SPIRAL CABLE
Connector Type	A2040041699BLATT1

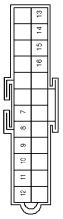
H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
9	-	-
10	-	-
11	-	-
12	-	-

Connector No.	M357
Connector Name	JOINT CONNECTOR-M07
Connector Type	FEA24JOR

H.S.



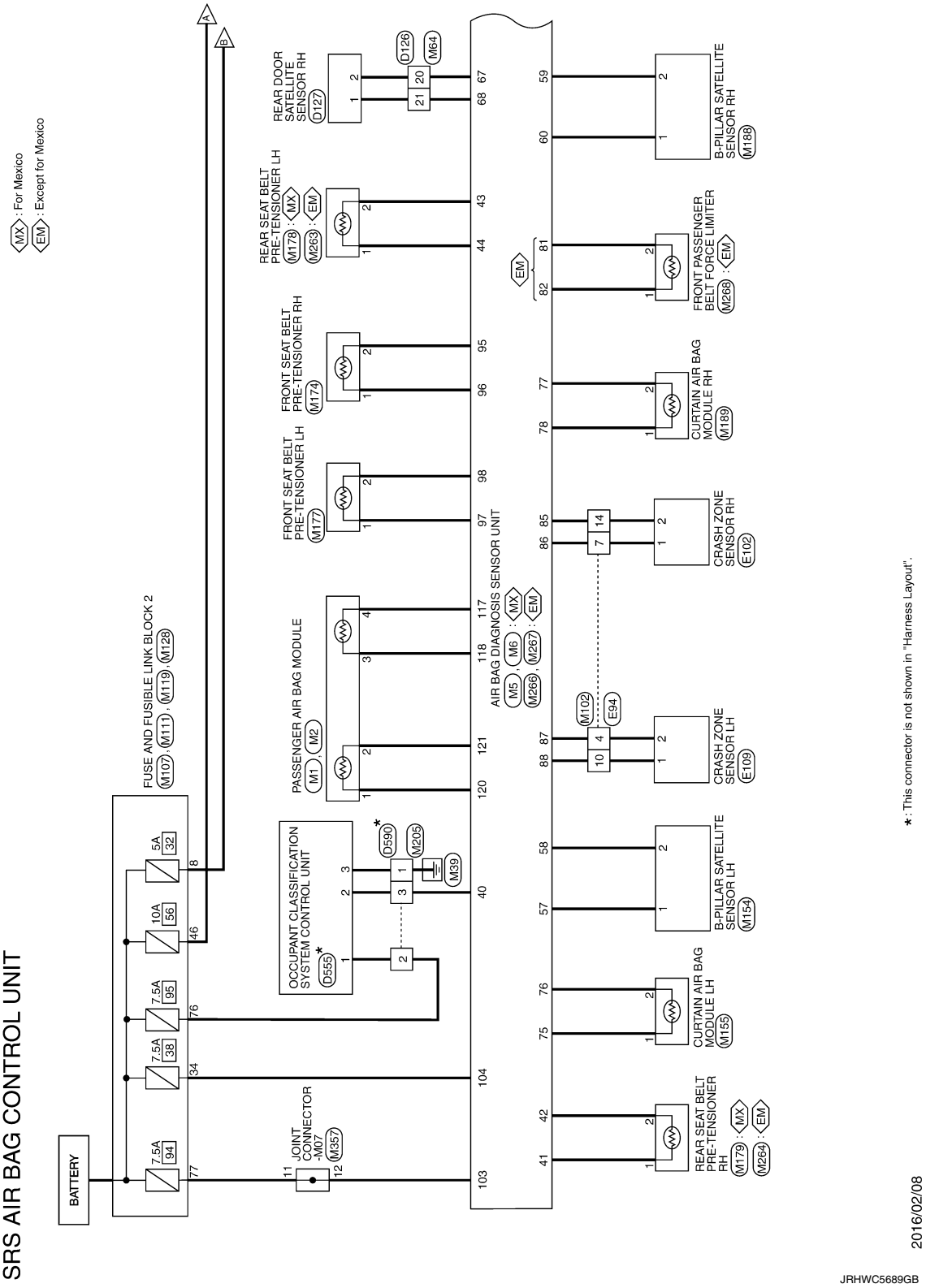
Terminal No.	Color Of Wire	Signal Name [Specification]
7	W	-
8	O	-
9	O	-
10	O	-
11	Y	-
12	Y	-
13	R	-
14	R	-
15	R	-
16	R	-

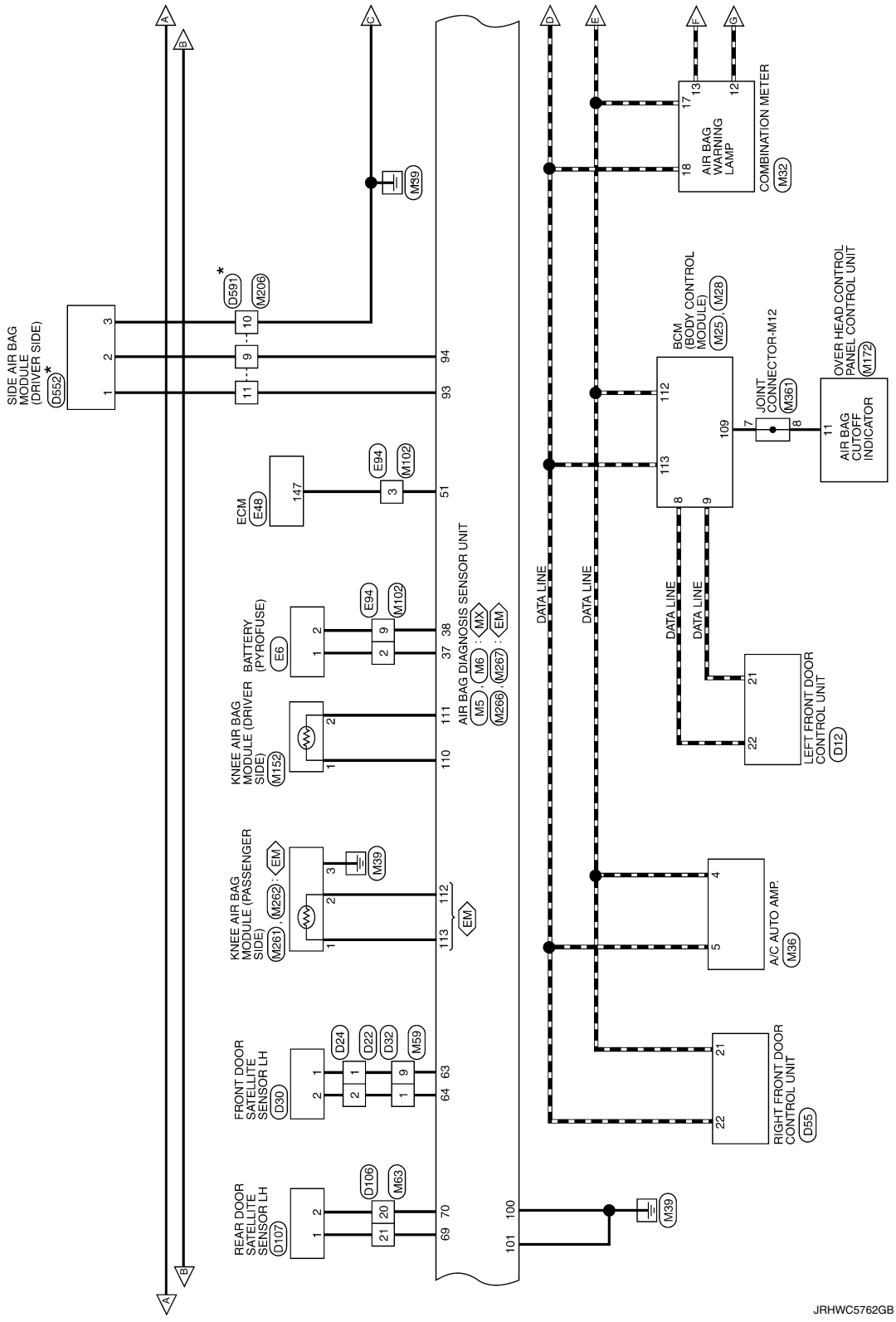
JRHWC5688GB

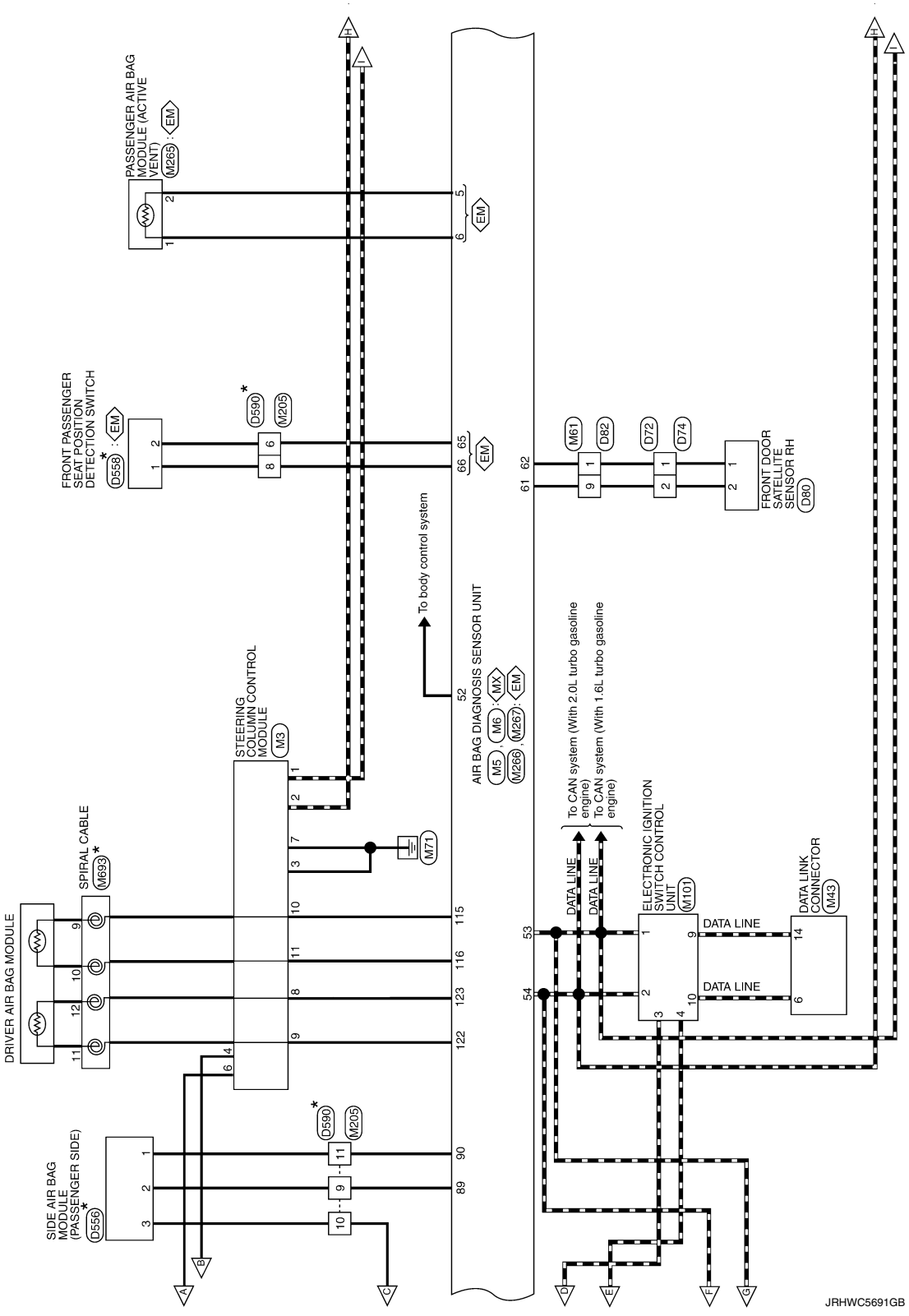
AIR BAG DIAGNOSIS SENSOR UNIT

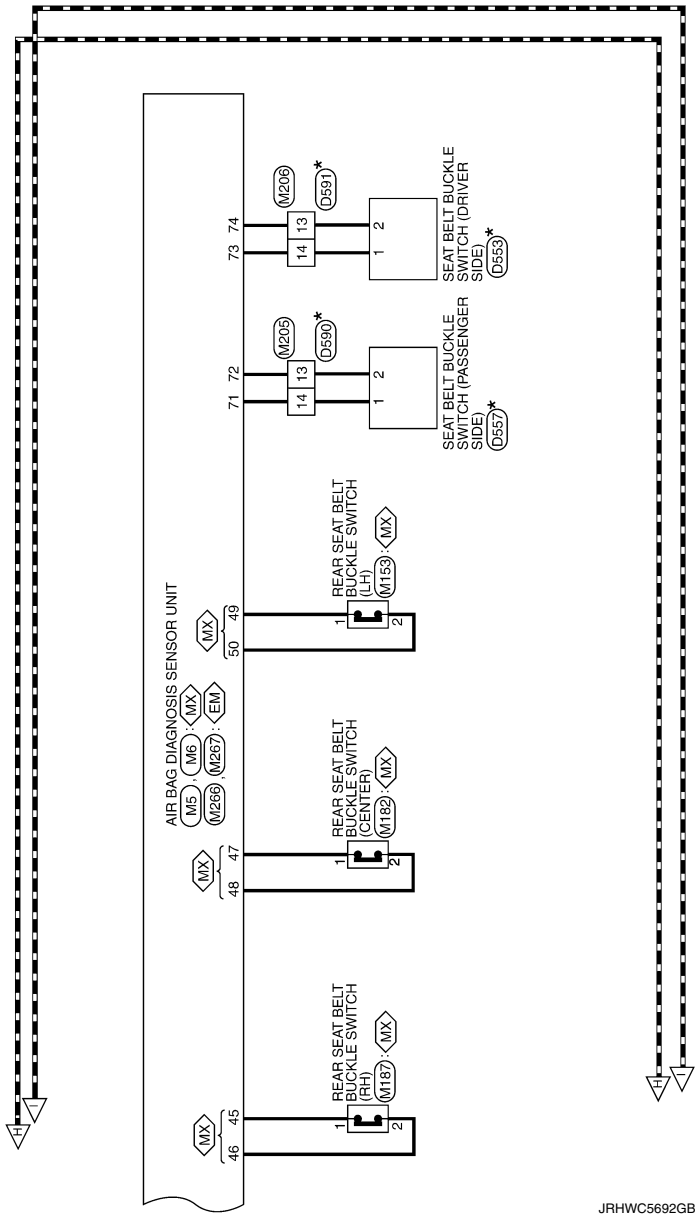
Wiring Diagram

INFOID:0000000013529189




SIDE AIR BAG MODULE (DRIVER SIDE) D552
D591 M206
M39
ECM E48
E94 M102
BATTERY (PYROFUSE) E6
KNEE AIR BAG MODULE (DRIVER SIDE) M152
AIR BAG DIAGNOSIS SENSOR UNIT
M5 : M6 : MX
M266 : M267 : EM
KNEE AIR BAG MODULE (PASSENGER SIDE) M261 : M262 : EM
FRONT DOOR SATELLITE SENSOR LH D30
REAR DOOR SATELLITE SENSOR LH D107
D106 M63
D24 D22 D32 M59
DATA LINE
COMBINATION METER M32
AIR BAG WARNING LAMP
BCM (BODY CONTROL MODULE) M25 : M28
JOINT CONNECTOR-M12 M361
OVER HEAD CONTROL PANEL CONTROL UNIT M172
AIR BAG CUTOFF INDICATOR
LEFT FRONT DOOR CONTROL UNIT D12
A/C AUTO AMP. M36
RIGHT FRONT DOOR CONTROL UNIT D55
JRHWC5762GB


PASSENGER AIR BAG MODULE (ACTIVE VENT)
M265
EM
FRONT PASSENGER SEAT POSITION DETECTION SWITCH
D558
D590
M205
FRONT DOOR SATELLITE SENSOR RH
D80
M61
D82
D72
D74
To body control system
AIR BAG DIAGNOSIS SENSOR UNIT
M5
M6
M266
M267
MX
STEERING COLUMN CONTROL MODULE
M3
M71
SPIRAL CABLE
M693
DRIVER AIR BAG MODULE
SIDE AIR BAG MODULE (PASSENGER SIDE)
D556
To CAN system (With 2.0L turbo gasoline engine)
To CAN system (With 1.6L turbo gasoline engine)
DATA LINE
ELECTRONIC IGNITION SWITCH CONTROL UNIT
M101
DATA LINK CONNECTOR
M43
JRHWC5691GB


AIR BAG DIAGNOSIS SENSOR UNIT
(M5) : (M6) : MX : EM
(M266) : (M267) : MX
MX
45
46
REAR SEAT BELT BUCKLE SWITCH (RH)
(M187) : MX
MX
47
48
REAR SEAT BELT BUCKLE SWITCH (CENTER)
(M182) : MX
MX
49
50
REAR SEAT BELT BUCKLE SWITCH (LH)
(M153) : MX
71
72
M205
14 13
D590*
1 2
SEAT BELT BUCKLE SWITCH (PASSENGER SIDE)
D557*
73
74
M206
14 13
D591*
1 2
SEAT BELT BUCKLE SWITCH (DRIVER SIDE)
D553*
H
–
JRHWC5692GB

SRS AIR BAG CONTROL UNIT

Connector No.	D12
Connector Name	LEFT FRONT DOOR CONTROL UNIT
Connector Type	MB_A0025406281

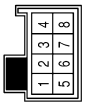


Terminal No.	Color Of Wire	Signal Name [Specification]
21	BR	BODY CAN 2-L
22	R	BODY CAN 2-H
23	L	ROTARY CATCH SIGNAL
24	BR	GROUND
25	R	BATTERY POWER SUPPLY

Connector No.	D22
Connector Name	WIRE TO WIRE
Connector Type	MB_A0255458826

Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	BR	-
3	P	-
4	B	-
5	R	-
6	W	-
7	B	-
8	SHIELD	-

Connector No.	D24
Connector Name	WIRE TO WIRE
Connector Type	MB_A0495450828



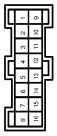
Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	BR	-
3	L	-
4	BR	-
5	L	-
6	W	-
7	B	-
8	SHIELD	-

Connector No.	D30
Connector Name	FRONT DOOR SATELLITE SENSOR LH
Connector Type	MB_A0225451926



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	BR	-

Connector No.	D32
Connector Name	WIRE TO WIRE
Connector Type	AMP_9538892-1



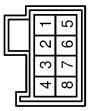
Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	-
2	BR	-
3	P	-
4	GR	- [Without BOSE audio]
4	V	- [With BOSE audio]
5	P	-
6	L	-
7	R	-
8	W	-
9	B	-
10	R	-
11	G	-
12	BR	- [Without BOSE audio]
12	P	- [With BOSE audio]
13	B	-
15	B	-
16	SHIELD	-

Connector No.	D55
Connector Name	RIGHT FRONT DOOR CONTROL UNIT
Connector Type	MB_A0025406281



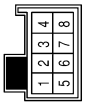
Terminal No.	Color Of Wire	Signal Name [Specification]
21	BR	BODY CAN 1-L
22	R	BODY CAN 1-H
24	BR	GROUND
25	R	BATTERY POWER SUPPLY

Connector No.	D72
Connector Name	WIRE TO WIRE
Connector Type	MB_A0255458826



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	B	-
3	Y	-
4	GR	-
5	R	-
6	W	-
7	B	-
8	SHIELD	-

Connector No.	D74
Connector Name	WIRE TO WIRE
Connector Type	MB_A0495450828



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	BR	-
3	L	-

JRHWC5693GB

SRS AIR BAG CONTROL UNIT

4	BR
5	L
6	W
7	B
8	SHIELD

4	-
5	-
6	-
7	-
8	-

12	BR
13	GR
15	B
16	SHIELD

12	- [Without BOSE audio]
12	- [With BOSE audio]
13	-
15	-
16	-

21	R
26	G
27	L

21	-
26	-
27	-

Connector No.	D80
Connector Name	FRONT DOOR SATELLITE SENSOR RH
Connector Type	MB_A0225451926

Connector No.	D106
Connector Name	WIRE TO WIRE
Connector Type	MB_A0085408981

Connector No.	D107
Connector Name	REAR DOOR SATELLITE SENSOR LH
Connector Type	MB_A0225451926

Connector No.	D127
Connector Name	REAR DOOR SATELLITE SENSOR RH
Connector Type	MB_A0225451926

Connector No.	D126
Connector Name	WIRE TO WIRE
Connector Type	MB_A0085408981

Connector No.	D552
Connector Name	SIDE AIR BAG MODULE (DRIVER SIDE)
Connector Type	RHO3FB

Connector No.	D82
Connector Name	WIRE TO WIRE
Connector Type	AMP_953892-1

Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	BR	-

Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	B	-
3	G	- [Without BOSE audio]
3	W	- [With BOSE audio]
4	B	- [With BOSE audio]
4	L	- [Without BOSE audio]
5	G	-
6	V	-
8	W	-
9	P	-
10	L	-
11	G	-
12	W	-
13	O	-
14	W	-
15	R	-
16	Y	-
17	BR	-
19	GR	-
20	W	-
21	R	-
26	G	-
27	L	-

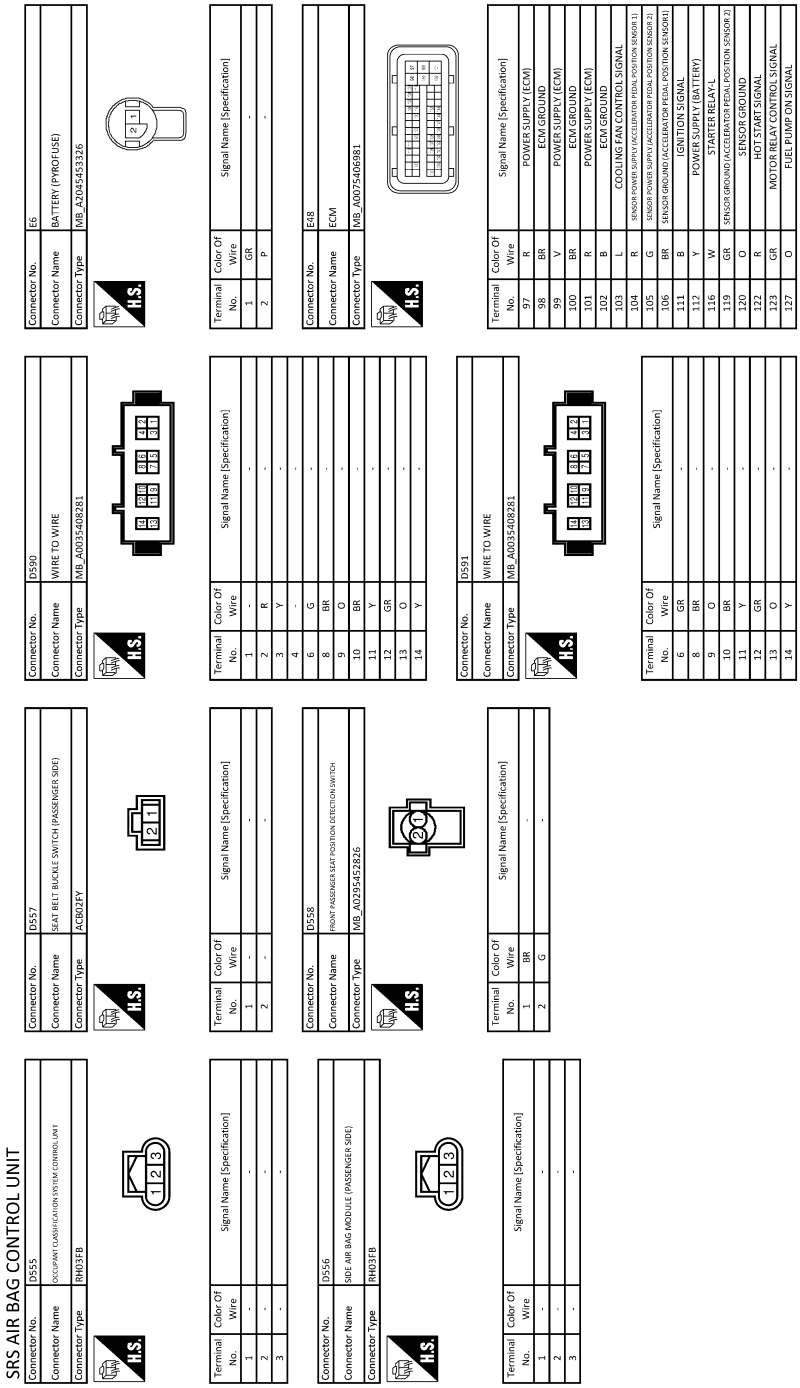
Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	BR	-
3	G	-
4	GR	- [Without BOSE audio]
4	L	- [With BOSE audio]
5	Y	-
7	R	-
8	W	-
9	BR	-
10	R	-
11	G	-

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

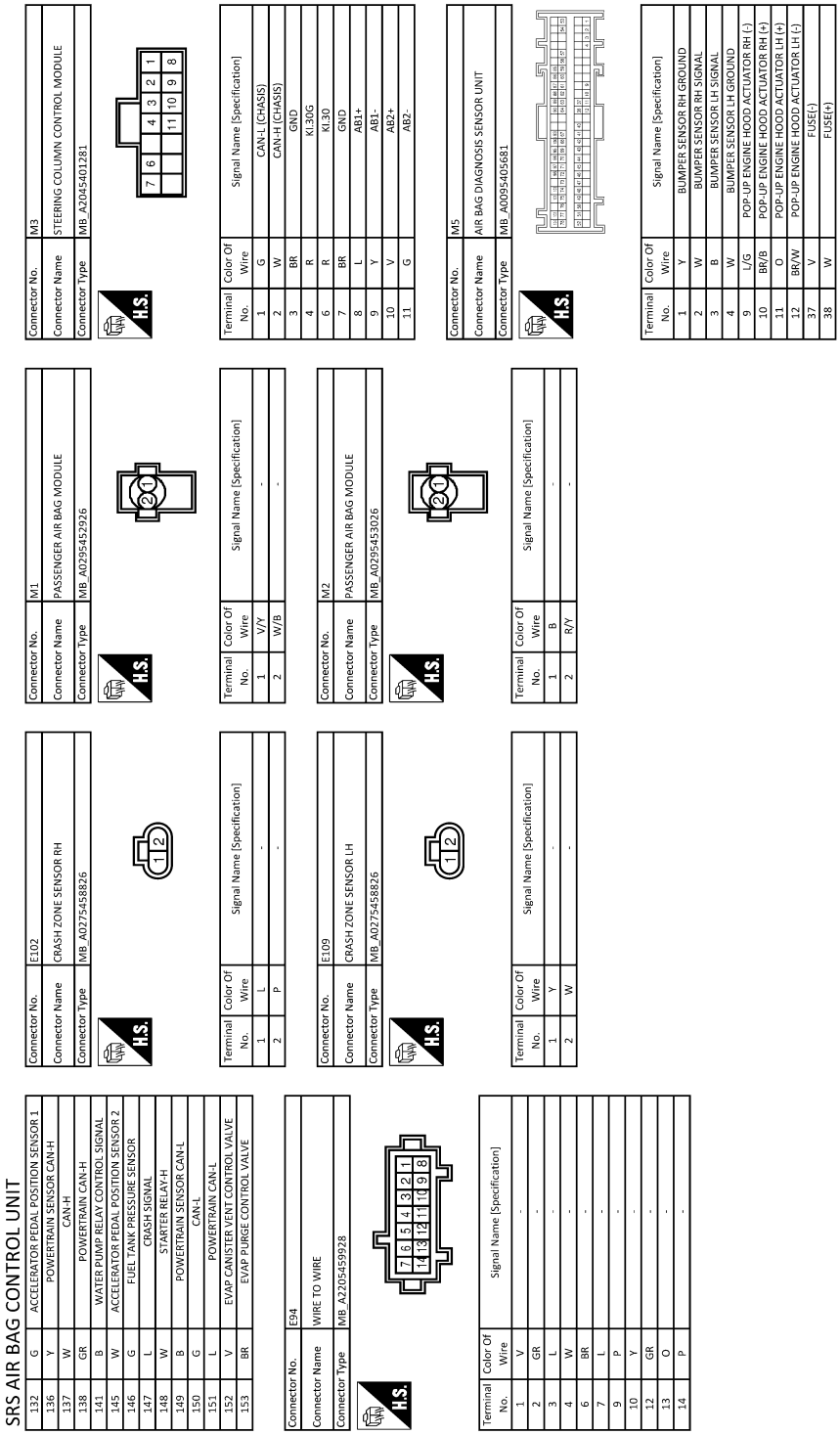
Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	B	-
3	L	-
4	P	-
5	GR	-
6	O	-
8	W	-
9	P	-
10	L	-
11	G	-
12	W	-
13	O	-
14	W	-
15	R	-
16	Y	-
17	BR	-
19	GR	-
20	W	-

Terminal No.	Color Of Wire	Signal Name [Specification]
1	-	-
2	-	-
3	-	-

JRHWC5694GB



JRHWC5763GB



JRHWC5696GB

SRS AIR BAG CONTROL UNIT

40	Y	OCCUPANT LIN SIGNAL
41	V/G	RPRH(+)
42	BR/Y	RPRH(-)
43	BR/Y	RPLH(-)
44	V/G	RPLH(+)
45	B	REAR BUCKLE SWITCH RH(-)
46	G	REAR BUCKLE SWITCH RH(+)
47	B	REAR BUCKLE SWITCH CENTER(-)
48	G	REAR BUCKLE SWITCH CENTER(+)
49	B	REAR BUCKLE SWITCH RH(-)
50	G	REAR BUCKLE SWITCH RH(+)
51	Y	AIR BAG SIGNAL
52	P	AIR BAG SIGNAL
53	G	CAN-L
54	W	CAN-H
57	R	B-SATELITE LH(+)
58	B	B-SATELITE LH(-)
59	BR	B-SATELITE RH(-)
60	L	B-SATELITE RH(+)
61	BR	FRONT DOOR SATELLITE RH(-)
62	G	FRONT DOOR SATELLITE RH(+)
63	B	FRONT DOOR SATELLITE LH(+)
64	BR	FRONT DOOR SATELLITE LH(-)
67	W	REAR DOOR SATELLITE RH(-)
68	B	REAR DOOR SATELLITE RH(+)
69	R	REAR DOOR SATELLITE LH(+)
70	W	REAR DOOR SATELLITE LH(-)
71	Y	BUCKLE SWITCH AS(+)
72	O	BUCKLE SWITCH AS(-)
73	Y	BUCKLE SWITCH DR(+)
74	O	BUCKLE SWITCH DR(-)
75	V/G	CLH(+)
76	BR/Y	CLH(-)
77	W/BR	CRH(+)
78	R/V	CRH(-)
85	P	CZS RH(-)
86	W	CZS RH(+)
87	BR	CZS LH(-)
88	L	CZS LH(+)
89	O	SAB AS(-)
90	Y	SAB AS(+)
93	Y	SAB DR(+)
94	O	SAB DR(-)
95	BR	FPRH(-)
96	L/W	FPRH(+)
97	G	FPLH(+)
98	V	FPLH(-)
100	BR	GND
101	BR	GND
103	Y	KL15R

104	KL30

Connector No.	M6
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	MB_A1665401481

Terminal No.	Color Of Wire	Signal Name [Specification]
110	R	KAB DR(+)
111	W	KAB DR(-)
115	V	DR2(+)
116	G	DR2(-)
117	R/Y	AS2(-)
118	B	AS2(+)
119	O	STEERING LOCK UNIT POWER SUPPLY
120	V/Y	AS1(+)
121	W/B	AS1(-)
122	Y	DR1(-)
123	L	DR1(+)

Connector No.	M25
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	MB_A0075405081

Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	ROTARY LIGHT SW GND
2	O	ROTARY LIGHT SW (PU,PR/TAL)
3	R	ROTARY LIGHT SW (AUTO/LOW)
4	G	ROTARY LIGHT SW (FR FOG)
5	Y	-
7	GR	SWITCH INDICATOR

8	R
9	BR
12	O
14	G

CAN-H (BODY 2)	
CAN-L (BODY 2)	
LIN (BS)	
FOOT LAMP	

Connector No.	M28
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	MB_A1665400481

Terminal No.	Color Of Wire	Signal Name [Specification]
67	V	BACK DOOR UNLOCK
69	GR	STOP LAMP (BODY RH)
70	B	REAR TURN SIGNAL LH
71	GR	BACK-UP LAMP RH
72	Y	LICENSE PLATE LAMP RH
73	L	RR POWER WINDOW SW RH UP
74	B	RR POWER WINDOW SW RH DOWN
75	L	RR POWER WINDOW SW RH GND
76	GR	HALL SENSOR RH POWER SUPPLY
77	R	SUB BAT-
78	B	TERMINAL RELAY 15R1 CONT
80	B	REAR WIPER RELAY CONT
82	GR	TAIL LAMP (BODY LH)
83	P	TERMINAL RELAY 15R2 CONT
85	B	TAIL LAMP (BK LH)
87	R	BAT (VIA LATCHING TERMINAL RELAY 30G)
89	O	HALL SENSOR RH GND
90	V	HALL SENSOR RH SIGNAL
91	P	FUEL LEVEL SENSOR GND
92	L	FUEL LEVEL SENSOR
93	GR	FUEL LEVEL SENSOR
94	Y	FUEL FILLER LID STATUS
97	G	LATCHING TERMINAL RELAY 30G CONT 1
98	B	LATCHING TERMINAL RELAY 30G GND 1
99	W	LATCHING TERMINAL RELAY 30G GND 2
100	V	LATCHING TERMINAL RELAY 30G CONT 2
101	Y	REAR DOOR INSIDE HANDLE LAMP CONT
102	GR	AMBIENT LAMP CONT
103	V	SUB BAT RELAY CONT
105	G	RR DOOR LH UNLOCK

106	W
107	L
108	R
109	O
112	BR
113	R
114	B

FUEL FILLER LID UNLOCK	
RR DOOR LH LOCK	
SUB BAT+	
LIN (ROOF)	
CAN-L (BODY 1)	
CAN-H (BODY 1)	
INJECTION RELAY CONT	

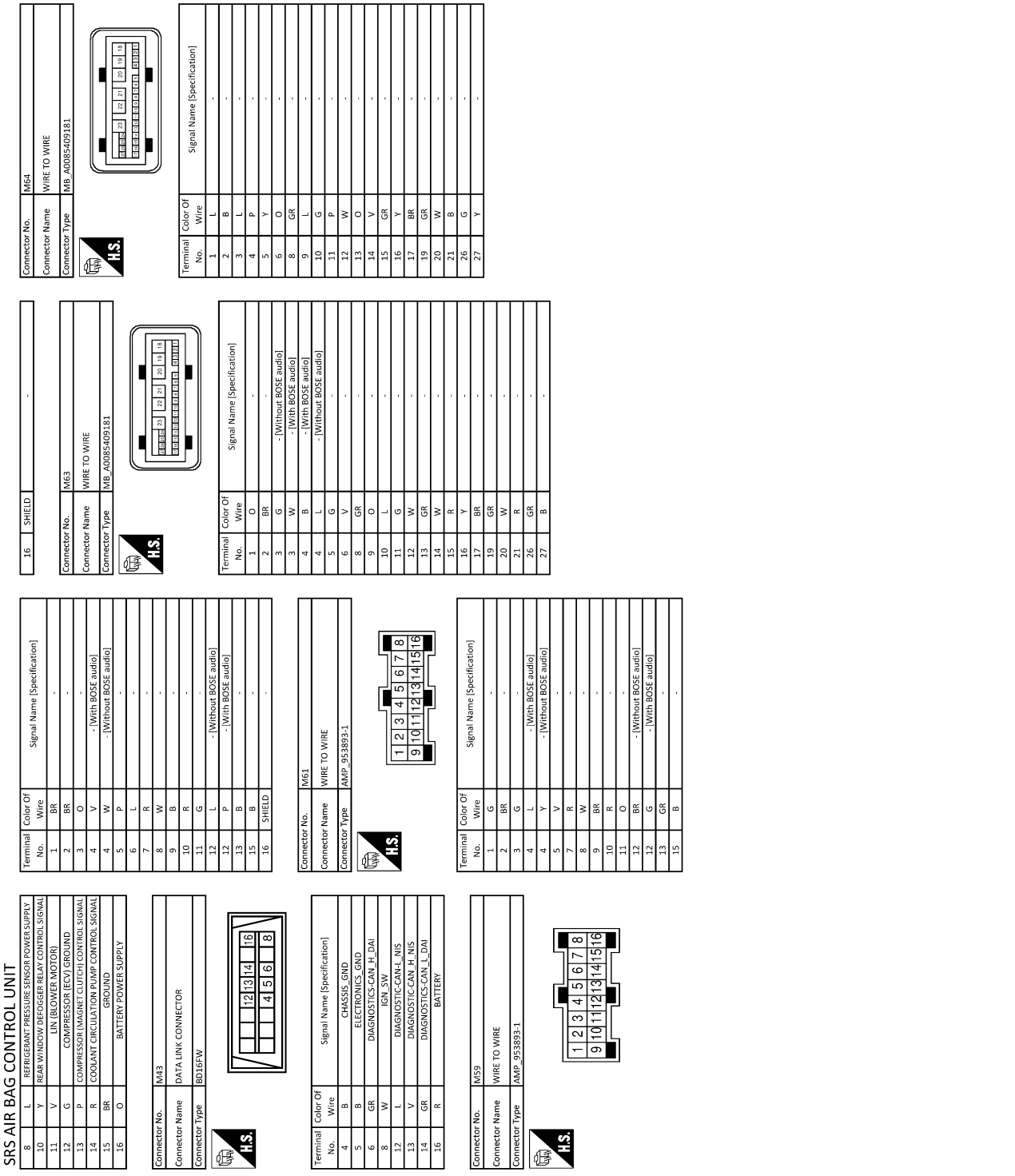
Connector No.	M32
Connector Name	COMBINATION METER
Connector Type	MB_A0525452726

Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	GROUND
4	R	BATTERY POWER SUPPLY
12	GR	CAN-L
13	W	CAN-H
17	BR	CAN-L
18	R	CAN-H

Connector No.	M36
Connector Name	A/C AUTO AMP.
Connector Type	MB_A0025405581

Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	REFRIGERANT PRESSURE SENSOR GROUND
2	B	REFRIGERANT PRESSURE SENSOR SIGNAL
4	BR	CAN-L
5	R	CAN-H
6	V	COMPRESSOR (ECV) CONTROL SIGNAL

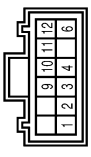
JRHWC5697GB



JRHWC5698GB

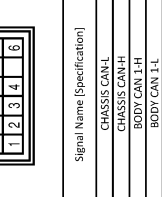
SRS AIR BAG CONTROL UNIT

Connector No.	M101
Connector Name	ELECTRONIC IGNITION SWITCH CONTROL UNIT
Connector Type	MB_A0265458426



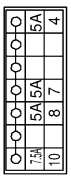
Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	CHASSIS CAN-L
2	W	CHASSIS CAN-H
3	R	BODY CAN 1-H
4	BR	BODY CAN 1-L
6	W	STEERING LOCK OPERATION
9	GR	REMOTE KEYLESS
10	W	POWER SUPPLY
11	BR	DIAGNOSTIC CAN-L
12	L	DIAGNOSTIC CAN-H

Connector No.	M102
Connector Name	WIRE TO WIRE
Connector Type	MB_A0365458728



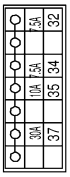
Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	-
2	V	-
3	Y	-
4	BR	-
6	BR	-
7	W	-
9	W	-
10	L	-
12	GR	-
13	L	-
14	P	-

Connector No.	M107
Connector Name	FUSE AND FUSIBLE LINK BLOCK 2
Connector Type	MB_A0055459701



Terminal No.	Color Of Wire	Signal Name [Specification]
4	O	-
7	L	-
8	R	-
10	O	-

Connector No.	M111
Connector Name	FUSE AND FUSIBLE LINK BLOCK 2
Connector Type	MB_A0065450101



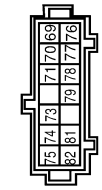
Terminal No.	Color Of Wire	Signal Name [Specification]
32	R	-
34	G	-
35	O	-
37	R	-

Connector No.	M119
Connector Name	FUSE AND FUSIBLE LINK BLOCK 2
Connector Type	MB_A0065451301



Terminal No.	Color Of Wire	Signal Name [Specification]
46	R	-

Connector No.	M128
Connector Name	FUSE AND FUSIBLE LINK BLOCK 2
Connector Type	MB_A0395456128



Terminal No.	Color Of Wire	Signal Name [Specification]
69	B	-
70	P	-
71	B	-
73	BR	-
74	B	-
75	G	-
76	R	-
77	Y	-
78	P	-
79	GR	-
81	O	-
82	B	-

Connector No.	M152
Connector Name	KNEE AIR BAG MODULE (DRIVER SIDE)
Connector Type	MB_A0295452826



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

Connector No.	M153
Connector Name	REAR SEAT BELT BUCKLE SWITCH (LH)
Connector Type	MB_A0415450128



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	G	-

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SRS AIR BAG CONTROL UNIT

Connector No.	M154
Connector Name	B-PILLAR SATELLITE SENSOR LH
Connector Type	MB_A0275458826

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	-
2	B	-

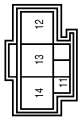
Connector No.	M155
Connector Name	CURTAIN AIR BAG MODULE LH
Connector Type	MB_A0295452826

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	V/G	-
2	BR/Y	-

Connector No.	M172
Connector Name	OVERHEAD CONTROL PANEL CONTROL UNIT
Connector Type	MB_A0025406781

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
11	O	LIN (ROOF)
12	B	GND
13	G	BATTERY POWER SUPPLY
14	O	BATTERY POWER SUPPLY

Connector No.	M174
Connector Name	FRONT SEAT BELT PRE-TENSIONER RH
Connector Type	MB_A0295452826

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	L/W	-
2	BR	-

Connector No.	M177
Connector Name	FRONT SEAT BELT PRE-TENSIONER LH
Connector Type	MB_A0295452826

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	-
2	V	-

Connector No.	M178
Connector Name	REAR SEAT BELT PRE-TENSIONER LH
Connector Type	MB_A0295452826

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	V/G	-
2	BR/Y	-

Connector No.	M179
Connector Name	REAR SEAT BELT PRE-TENSIONER RH
Connector Type	MB_A0295452826

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	V/G	-
2	BR/Y	-

Connector No.	M182
Connector Name	REAR SEAT BELT BUCKLE SWITCH (CENTER)
Connector Type	MB_A0435459628

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	G	-

JRHWC5700GB

SRS AIR BAG CONTROL UNIT

Connector No.	M187
Connector Name	REAR SEAT BELT BUCKLE SWITCH (RH)
Connector Type	MB_A0415450128



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	G	-

Connector No.	M188
Connector Name	B-PILLAR SATELLITE SENSOR RH
Connector Type	MB_A0275458826



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

Connector No.	M189
Connector Name	CURTAIN AIR BAG MODULE RH
Connector Type	MB_A0295452826

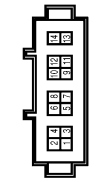


Terminal No.	Color Of Wire	Signal Name [Specification]
1	R/V	-
2	W/BR	-

Connector No.	M205
Connector Name	WIRE TO WIRE
Connector Type	MB_A0465455228

Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	-
2	R	-
3	Y	-
6	G	-
8	BR	-
9	O	-
10	BR	-
11	Y	-
12	GR	-
13	O	-
14	Y	-

Connector No.	M206
Connector Name	WIRE TO WIRE
Connector Type	MB_A0465455228



Terminal No.	Color Of Wire	Signal Name [Specification]
6	GR	-
8	BR	-
9	O	-
10	BR	-
11	Y	-
12	GR	-
13	O	-
14	Y	-

Connector No.	M261
Connector Name	KNEE AIR BAG MODULE [PASSENGER SIDE]
Connector Type	MB_A0025459226

Terminal No.	Color Of Wire	Signal Name [Specification]
3	BR	-

Connector No.	M262
Connector Name	KNEE AIR BAG MODULE (PASSENGER SIDE)
Connector Type	MB_A0295452826



Terminal No.	Color Of Wire	Signal Name [Specification]
1	GR	-
2	B/Y	-

Connector No.	M263
Connector Name	REAR SEAT BELT PRE-TENSIONER LH
Connector Type	MB_A0295453026

Terminal No.	Color Of Wire	Signal Name [Specification]
1	V/G	-
2	BR/Y	-

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SRS AIR BAG CONTROL UNIT

Connector No.	M264
Connector Name	REAR SEAT BELT PRE-TENSIONER RH
Connector Type	MB_A0295453026

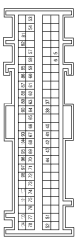
Terminal No.	Color Of Wire	Signal Name [Specification]
1	V/G	-
2	BR/Y	-

Connector No.	M265
Connector Name	PASSENGER AIR BAG MODULE (ACTIVE VENT)
Connector Type	MB_A0295452826



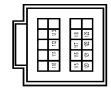
Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	-
2	B	-

Connector No.	M266
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	MB_A0105404681



Terminal No.	Color Of Wire	Signal Name [Specification]
5	B	ACTIVE VENT PS(-)
6	Y	ACTIVE VENT PS(+)
37	V	FUSE-
38	W	FUSE+
40	Y	OCCUPANT LIN SIGNAL
41	V/G	RPRH(+)
42	BR/Y	RPRH(-)
43	BR/Y	RPLH(-)
44	V/G	RPLH(+)
51	Y	AIR BAG SIGNAL
52	P	AIR BAG SIGNAL
53	G	CAN-L
54	W	CAN-H
57	R	B-SATELITE LH(+)
58	B	B-SATELITE LH(-)
59	BR	B-SATELITE RH(-)
60	L	B-SATELITE RH(+)
61	BR	FRONT DOOR SATELLITE RH(-)
62	G	FRONT DOOR SATELLITE RH(+)
63	B	FRONT DOOR SATELLITE LH(+)
64	BR	FRONT DOOR SATELLITE LH(-)
65	G	SEAT POS PS(+)
66	BR	SEAT POS PS(-)
67	W	REAR DOOR SATELLITE RH(-)
68	B	REAR DOOR SATELLITE RH(+)
69	R	REAR DOOR SATELLITE LH(+)
70	W	REAR DOOR SATELLITE LH(-)
71	Y	BUCKLE_SWITCH_PS+
72	O	BUCKLE_SWITCH_PS-
73	Y	BUCKLE_SWITCH_DR+
74	O	BUCKLE_SWITCH_DR-
75	V/G	CLH(+)
76	BR/Y	CLH(-)
77	W/BR	CRH(-)
78	R/V	CRH(+)
81	R	FORCE LIMITER PS(-)
82	B	FORCE LIMITER PS(+)
85	P	CZS RH(-)
86	W	CZS RH(+)
87	BR	CZS LH(-)
88	L	CZS LH(+)
89	O	SAB AS(-)
90	Y	SAB AS(+)
93	Y	SAB DR(+)
94	O	SAB DR(-)
95	BR	FPRH(-)
96	L/W	FPRH(+)
97	G	FPLH(+)
98	V	FPLH(-)
100	BR	GND
101	BR	GND
103	Y	KI.15R
104	G	KI.30

Connector No.	M267
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	MB_A1665401481



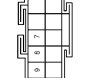
Terminal No.	Color Of Wire	Signal Name [Specification]
110	R	KAB DR(+)
111	W	KAB DR(-)
112	B/Y	KAB PS(+)
113	GR	KAB PS(-)
115	V	DR2(+)
116	G	DR2(-)
117	R/Y	AS2(-)
118	B	AS2(+)
120	V/Y	AS1(+)
121	W/B	AS1(-)
122	Y	DR1(-)
123	L	DR1(+)

Connector No.	M268
Connector Name	FRONT PASSENGER BELT FORCE LIMITER
Connector Type	MB_A0295452926



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	R	-

Connector No.	M357
Connector Name	JOINT CONNECTOR-M07
Connector Type	FEA24JOR



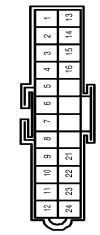
Terminal No.	Color Of Wire	Signal Name [Specification]
7	W	-
8	O	-
9	O	-
10	O	-
11	Y	-
12	Y	-
13	R	-
14	R	-
15	R	-
16	R	-

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SRS AIR BAG CONTROL UNIT

Connector No.	M361
Connector Name	JOINT CONNECTOR-M12
Connector Type	FEA24IG

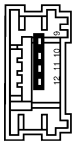
H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	-
2	W	-
3	W	-
4	W	-
5	Y	-
6	Y	-
7	O	-
8	O	-
9	R	-
10	R	-
11	R	-
12	R	-
13	G	-
14	W	-
15	P	-
16	P	-
21	L	-
22	L	-
23	W	-
24	W	-

Connector No.	M693
Connector Name	SPIRAL CABLE
Connector Type	A2040041699BLATT1

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
9	-	-
10	-	-
11	-	-
12	-	-

JRHWC5703GB

BASIC INSPECTION

ADDITIONAL SERVICE WHEN REPLACING AIR BAG DIAGNOSIS SENSOR UNIT

Description

INFOID:0000000013529190

When replacing air bag diagnosis sensor unit, the procedures of BEFORE REPLACEMENT and AFTER REPLACEMENT must be performed. For work procedure, refer to the following:
- Before air bag diagnosis sensor unit replacement: SRC-54, "Work Procedure (Before Replacing Air Bag Diagnosis Sensor Unit)".
- After air bag diagnosis sensor unit replacement: SRC-54, "Work Procedure (After Replacing Air Bag Diagnosis Sensor Unit)".

BEFORE REPLACEMENT

When replacing air bag diagnosis sensor unit, save the data stored in air bag diagnosis sensor unit and ‘Operation log.’

AFTER REPLACEMENT

After replacing air bag diagnosis sensor unit, the following items must be performed:
- Configuration
- Learn key number
- Lock ECU
- Zero point reset

Work Procedure (Before Replacing Air Bag Diagnosis Sensor Unit)

INFOID:0000000013529191

1.SAVE ‘OPERATION LOG’

With CONSULT

ave Operation Log, according to the procedure of “Programming” in CONSULT Operation Manual.

NOTE:
- Log in to the network, according to the CONSULT screen.
- Air bag diagnosis sensor unit part number is saved in Operating Log saved in CONSULT.
- After replacing air bag diagnosis sensor unit, perform necessary work.

>> • Replace air bag diagnosis sensor unit. Refer to SR-41, "Removal and Installation".
• After replacing air bag diagnosis sensor unit, perform necessary work. Refer to SRC-54, "Work Procedure (After Replacing Air Bag Diagnosis Sensor Unit)".

Work Procedure (After Replacing Air Bag Diagnosis Sensor Unit)

INFOID:0000000013529192

1.CHECK ‘OPERATION LOG’

With CONSULT

Check Operation Log saved before replacing air bag diagnosis sensor unit, according to the procedure of “Programming” in CONSULT Operation Manual.

NOTE:
- Log in to the network, according to the CONSULT screen.
- Air bag diagnosis sensor unit part number is saved in Operating Log saved in CONSULT.
- For the vehicle that the programming is to be performed, check if Operation Log of Vehicle Identification Number (VIN) is in Saved Data List.

Is there an applicable Operation Log in the Saved Data List?

YES >> GO TO 2.
NO >> GO TO 3.

2.PERFORM AIR BAG DIAGNOSIS SENSOR UNIT PROGRAMMING

With CONSULT

Perform air bag diagnosis sensor unit programming, according to “Programming” of CONSULT Operation Manual. Refer to CONSULT Operation Manual.

CAUTION:

During programming, maintain the following conditions:
- **Ignition switch: ON**
- **Electric load: OFF**
- **Brake pedal: Not depressed**
- **Battery voltage: 12 – 13.5 V (Check the value displayed on the CONSULT screen.)**

NOTE:
Log in to the network, according to the CONSULT screen.

>> GO TO 5.

3. READ IN AIR BAG DIAGNOSIS SENSOR UNIT PART NUMBER BY 'FAST LINKED'

Obtain air bag diagnosis sensor unit part number by NISSAN PARTS CATALOGUE GLOBAL Web-FAST, according to the procedure of 'FAST linked' in CONSULT Operation Manual. Refer to CONSULT Operation Manual.

NOTE:
'FAST linked' allows an appropriate programming by obtaining ECU part number from NISSAN PARTS CATALOGUE GLOBAL Web-FAST even when the part number cannot be obtained from the lod ECU used before replacing with a new one.

>> GO TO 4.

4. PERFORM PROGRAMMING (FAST LINKED)

With CONSULT
Perform air bag diagnosis sensor unit programming according to the procedure of FAST linked in CONSULT Operation Manual. Refer to CONSULT Operation Manual.

CAUTION:
During programming, maintain the following conditions:
- **Ignition switch: ON**
- **Electric load: OFF**
- **Brake pedal: Not depressed**
- **Battery voltage: 12 – 13.5 V (Check the value displayed on the CONSULT screen.)**

NOTE:
Log in to the network, according to the CONSULT screen.

>> GO TO 5.

5. PERFORM CONFIGURATION (WRITING VEHICLE SPECIFICATION)

With CONSULT
Perform configuration. Refer to SRC-58, "Description".

NOTE:
Log in to the network, according to the CONSULT screen.

>> GO TO 6.

6. PERFORM LEARN KEY NUMBER

With CONSULT
1. Select "AIR BAG" >>"Work support" >> "Learn key number".
2. Follow the instruction of CONSULT display. Refer to SRC-16, "CONSULT Function".

>> GO TO 7.

7. PERFORM LOCK ECU

With CONSULT
1. Select "AIR BAG" >>"Work support" >> "Lock ECU".
2. Follow the instruction of CONSULT display. Refer to SRC-16, "CONSULT Function".

>> GO TO 8.

8.PERFORM ZERO POINT RESET

Perform zero point reset. Refer to SRC-60, "Description".

>> END

ADDITIONAL SERVICE WHEN REPLACING OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

Description

INFOID:0000000013529193

When replacing occupant classification system control unit, the porcedures of AFTER REPLACEMENT must be performed. For work procedure, refer to SRC-57, "Work Procedure".

AFTER REPLACEMENT

After replacing occupant classification system control unit, the following items must be performed:
- Configuration
- Zero point reset

Work Procedure

INFOID:0000000013529194

1.PERFORM CONFIGURATION (WRITING VEHICLE SPECIFICATION)

With CONSULT
Perform configuration. Refer to SRC-59, "Description".
NOTE:
Log in to the network, according to the CONSULT screen.

>> GO TO 2.

2.PERFORM ZERO POINT RESET

With CONSULT
Perform zero point reset. Refer to SRC-60, "Description".

>> END

CONFIGURATION (AIR BAG DIAGNOSIS SENSOR UNIT)

Description

INFOID:0000000013529195

Vehicle specification needs to be written with CONSULT because it is not written after replacing the air bag diagnosis sensor unit.
The configuration requires network connection. CONSULT connects to network and then it downloads the configuration data from the server. Then CONSULT writes the vehicle specification to the air bag diagnosis sensor unit.
Refer to SRC-58, "Work Procedure".
NOTE:
For details the network connection and operation, refer to “CONSULT Operation Manual”.
The configuration no need to “save” configuration data from the air bag diagnosis sensor unit. The configuration data is always generated freshly at the server and then downloaded to the CONSULT.
CAUTION:
- **Complete the procedure of “Read / Write Configuration” in order.**
- **If incorrect “Read / Write Configuration”, incidents might occur.**
- **Never perform “Read / Write Configuration” except for new air bag diagnosis sensor unit.**

Work Procedure

INFOID:0000000013529196

1.WRITING VEHICLE SPECIFICATION

CONSULT Configuration
Perform “WRITE CONFIGURATION” for CONTROL UNIT according to “CONSULT Operation Manual”.
NOTE:
- Log in the network according to CONSULT guidance.
- For details the network connection and operation, refer to “CONSULT Operation Manual”.

>> WORK END

CONFIGURATION (OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT)

Description

INFOID:0000000013529197

Vehicle specification needs to be written with CONSULT because it is not written after replacing the occupant classification system control unit.
The configuration requires network connection. CONSULT connects to network and then it downloads the configuration data from the server. Then CONSULT writes the vehicle specification to the occupant classification system control unit.
Refer to SRC-59, "Work Procedure".
NOTE:
For details the network connection and operation, refer to “CONSULT Operation Manual”.
The configuration no need to “save” configuration data from the occupant classification system control unit. The configuration data is always generated freshly at the server and then downloaded to the CONSULT.
CAUTION:
- **Complete the procedure of “Read / Write Configuration” in order.**
- **If incorrect “Read / Write Configuration”, incidents might occur.**
- **Never perform “Read / Write Configuration” except for new occupant classification system control unit.**

Work Procedure

INFOID:0000000013529198

1.WRITING VEHICLE SPECIFICATION

CONSULT Configuration
Perform “WRITE CONFIGURATION” for CONTROL UNIT according to “CONSULT Operation Manual”.
NOTE:
- Log in the network according to CONSULT guidance.
- For details the network connection and operation, refer to “CONSULT Operation Manual”.

>> WORK END

ZERO POINT RESET

Description

INFOID:0000000013529199

Perform the zero point reset when the following operation is performed. (For details, refer to SRC-60, "Work Procedure".)

- Replacing air bag diagnosis sensor unit.
- Replacing occupant classification system control unit.
- Adjusting, removing, installing or replacing front passenger seat.
- Removing, installing or replacing front passenger seatback.
- Removing, installing or replacing front passenger seat cushion.

Work Procedure

INFOID:0000000013529200

1.CHECK FRONT PASSENGER SEAT

Perform the following items.

- Remove any protective cover present on the front passenger seat.
- Check that there is nothing on or under the front passenger seat.
- Check that the seat belt buckle switch (passenger side) is unfasten.
- Move the front passenger seat as close to the center position as possible (in both the vertical and horizontal directions).
- Adjust the seat surface of the front passenger seat to the most horizontal position possible.
- Adjust the backrest of the front passenger seat to the most vertical position possible.
- If available, move seat cushion length adjustment to the rear most position.

>> GO TO 2.

2.CHECK DTC WITH AIR BAG DIAGNOSIS SENSOR UNIT

With CONSULT

1. Turn ignition switch ON.
2. Check that DTC is not detected with air bag diagnosis sensor unit.

>> GO TO 3.

3.PERFORM TEACH IN PROCESS

With CONSULT

Select “Occupant classification unit” >>“Work support” >> “Teach in process”.

NOTE:

SST: KV9950H0140 is required for performing “Teach in process”.

Is “SUCCESS” displayed on CONSULT screen?

YES >> END

NO >> Follow the instruction of CONSULT display.

DTC/CIRCUIT DIAGNOSIS

B0001 DRIVER AIR BAG MODULE

DTC Description

INFOID:0000000013529201

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B0001	11	Driver air bag module 1 (Driver air bag module 1)	[CIRC SHORT TO GRND]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Driver air bag module signal
				Threshold	Driver air bag module circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Driver air bag module signal
				Threshold	Driver air bag module circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	13		[CIRC OPEN]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Driver air bag module signal
				Threshold	Driver air bag module circuit is open
				Diagnosis delay time	2.5 sec.
	2B		Short circuit between lines.	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Driver air bag module signal
				Threshold	Driver air bag module circuits are shorted to each other
				Diagnosis delay time	2.5 sec.
	55		[NOT CONFIGURED]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.
	9A		[OPERATING CONDITIONS]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Driver air bag module signal
				Threshold	Driver air bag module circuits are shorted to each other
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B0001-11]
- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of driver air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0001-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of driver air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0001-13]
- Connection malfunction or open circuit of harness connector
- Internal malfunction of driver air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0001-2B, B0001-9A]
- Connection malfunction or short circuit of harness connector
- Internal malfunction of driver air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0001-55]
Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-62, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529202

WARNING:
- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

DTC B0001-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC B0001-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace malfunctioning harness and connector.

3. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to SR-20, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-61, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-61, "DTC Description".

Is DTC detected?

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

B0002 DRIVER AIR BAG MODULE

DTC Description

INFOID:0000000013529203

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B0002	11	Driver air bag module 2 (Driver air bag module 2)	[CIRC SHORT TO GRND]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Driver air bag module signal
				Threshold	Driver air bag module circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Driver air bag module signal
				Threshold	Driver air bag module circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	13		[CIRC OPEN]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Driver air bag module signal
				Threshold	Driver air bag module circuit is open
				Diagnosis delay time	2.5 sec.
	2B		Short circuit between lines.	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Driver air bag module signal
				Threshold	Driver air bag module circuits are shorted to each other
				Diagnosis delay time	2.5 sec.
	55		[NOT CONFIURED]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.
	9A		[OPERATING CONDITIONS]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Driver air bag module signal
				Threshold	Driver air bag module circuits are shorted to each other
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B0002-11]

- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of driver air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0002-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of driver air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0002-13]
- Connection malfunction or open circuit of harness connector
- Internal malfunction of driver air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0002-2B, B0002-9A]
- Connection malfunction or short circuit of harness connector
- Internal malfunction of driver air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0002-55]
Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-65, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529204

WARNING:
- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

DTC B0002-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC B0002-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace malfunctioning harness and connector.

3. REPLACE DRIVER AIR BAG MODULE

1. Replace driver air bag module. Refer to SR-20, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-64, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-64, "DTC Description".

Is DTC detected?

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

B0004 KNEE AIR BAG MODULE

DTC Description

INFOID:0000000013529205

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B0004	11	Driver knee air bag module (Driver knee air bag module)	[CIRC SHORT TO GRND]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Driver knee air bag module signal
				Threshold	Driver knee air bag module circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Driver knee air bag module signal
				Threshold	Driver knee air bag module circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	13		[CIRC OPEN]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Driver knee air bag module signal
				Threshold	Driver knee air bag module circuit is open
				Diagnosis delay time	2.5 sec.
	2B		Short circuit between lines.	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Driver knee air bag module signal
				Threshold	Driver knee air bag module circuits are shorted to each other
				Diagnosis delay time	2.5 sec.
	55		[NOT CONFIURED]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.
	9A		[OPERATING CONDITIONS]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Driver knee air bag module signal
				Threshold	Driver knee air bag module circuits are shorted to each other
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B0004-11]

- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of driver knee air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0004-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of driver knee air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0004-13]
- Connection malfunction or open circuit of harness connector
- Internal malfunction of driver knee air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0004-2B, B0004-9A]
- Connection malfunction or short circuit of harness connector
- Internal malfunction of driver knee air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0004-55]
Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-68, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529206

WARNING:
- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

DTC B0004-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC B0004-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace malfunctioning harness and connector.

3. REPLACE KNEE AIR BAG MODULE (DRIVER SIDE)

1. Replace knee air bag module (driver side). Refer to SR-27, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-67, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-67, "DTC Description".

Is DTC detected?

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

B0010 PASSENGER AIR BAG MODULE

DTC Description

INFOID:0000000013529207

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B0010	11	Passenger air bag module 1 (Passenger air bag module 1)	[CIRC SHORT TO GRND]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Passenger air bag module signal
				Threshold	Passenger air bag module circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Passenger air bag module signal
				Threshold	Passenger air bag module circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	13		[CIRC OPEN]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Passenger air bag module signal
				Threshold	Passenger air bag module circuit is open
				Diagnosis delay time	2.5 sec.
	2B		Short circuit between lines.	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Passenger air bag module signal
				Threshold	Passenger air bag module circuits are shorted to each other
				Diagnosis delay time	2.5 sec.
	55		[NOT CONFIURED]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.
	9A		[OPERATING CONDITIONS]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Passenger air bag module signal
				Threshold	Passenger air bag module circuits are shorted to each other
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B0010-11]

- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of passenger air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0010-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of passenger air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0010-13]
- Connection malfunction or open circuit of harness connector
- Internal malfunction of passenger air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0010-2B, B0010-9A]
- Connection malfunction or short circuit of harness connector
- Internal malfunction of passenger air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0010-55]
Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-71, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529208

WARNING:
- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

DTC B0010-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC B0010-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace malfunctioning harness and connector.

3. REPLACE PASSENGER AIR BAG MODULE

1. Replace passenger air bag module. Refer to SR-24, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-70, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-70, "DTC Description".

Is DTC detected?

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

B0011 PASSENGER AIR BAG MODULE

DTC Description

INFOID:0000000013529209

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B0011	11	Passenger air bag module 1 (Passenger air bag module 1)	[CIRC SHORT TO GRND]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Passenger air bag module signal
				Threshold	Passenger air bag module circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Passenger air bag module signal
				Threshold	Passenger air bag module circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	13		[CIRC OPEN]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Passenger air bag module signal
				Threshold	Passenger air bag module circuit is open
				Diagnosis delay time	2.5 sec.
	2B		Short circuit between lines.	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Passenger air bag module signal
				Threshold	Passenger air bag module circuits are shorted to each other
				Diagnosis delay time	2.5 sec.
	55		[NOT CONFIURED]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.
	9A		[OPERATING CONDITIONS]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Passenger air bag module signal
				Threshold	Passenger air bag module circuits are shorted to each other
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B0011-11]

- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of passenger air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0011-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of passenger air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0011-13]
- Connection malfunction or open circuit of harness connector
- Internal malfunction of passenger air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0011-2B, B0011-9A]
- Connection malfunction or short circuit of harness connector
- Internal malfunction of passenger air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0011-55]
Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-74, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529210

WARNING:
- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

DTC B0011-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC B0011-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace malfunctioning harness and connector.

3. REPLACE PASSENGER AIR BAG MODULE

1. Replace passenger air bag module. Refer to SR-24, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-73, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-73, "DTC Description".

Is DTC detected?

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

B0012 ACTIVE VENT

DTC Description

INFOID:0000000013630132

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B0012	11	Passenger air bag vent valve (Passenger air bag vent valve)	[CIRC SHORT TO GRND]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Passenger air bag module active vent signal
				Threshold	Passenger air bag module (active vent) circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Passenger air bag module active vent signal
				Threshold	Passenger air bag module (active vent) circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	13		[CIRC OPEN]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Passenger air bag module active vent signal
				Threshold	Passenger air bag module (active vent) circuit is open
				Diagnosis delay time	2.5 sec.
	2B		Short circuit between lines.	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Passenger air bag module active vent signal
				Threshold	Passenger air bag module (active vent) circuits are shorted to each other
				Diagnosis delay time	2.5 sec.
	55		[NOT CONFIURED]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.
	9A		[OPERATING CONDITIONS]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Passenger air bag module active vent signal
				Threshold	Passenger air bag module (active vent) circuits are shorted to each other
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B0012-11]

- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of passenger air bag module (active vent)
- Internal malfunction of air bag diagnosis sensor unit

[B0012-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of passenger air bag module (active vent)
- Internal malfunction of air bag diagnosis sensor unit

[B0012-13]
- Connection malfunction or open circuit of harness connector
- Internal malfunction of passenger air bag module (active vent)
- Internal malfunction of air bag diagnosis sensor unit

[B0012-2B, B0012-9A]
- Connection malfunction or short circuit of harness connector
- Internal malfunction of passenger air bag module (active vent)
- Internal malfunction of air bag diagnosis sensor unit

[B0012-55]
Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-132, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013630133

WARNING:
- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

DTC B0012-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC B0012-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace malfunctioning harness and connector.

3. REPLACE PASSENGER AIR BAG MODULE

1. Replace passenger air bag module. Refer to SR-24, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-131, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-131, "DTC Description".

Is DTC detected?

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

B0013 KNEE AIR BAG MODULE

DTC Description

INFOID:0000000013630136

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B0013	11	Passenger knee air bag module (Passenger knee air bag module)	[CIRC SHORT TO GRND]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Passenger knee air bag module signal
				Threshold	Passenger knee air bag module circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Passenger knee air bag module signal
				Threshold	Passenger knee air bag module circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	13		[CIRC OPEN]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Passenger knee air bag module signal
				Threshold	Passenger knee air bag module circuit is open
				Diagnosis delay time	2.5 sec.
	2B		Short circuit between lines.	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Passenger knee air bag module signal
				Threshold	Passenger knee air bag module circuits are shorted to each other
				Diagnosis delay time	2.5 sec.
	55		[NOT CONFIURED]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.
	9A		[OPERATING CONDITIONS]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Passenger knee air bag module signal
				Threshold	Passenger knee air bag module circuits are shorted to each other
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B0004-11]
- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of passenger knee air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0004-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of passenger knee air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0004-13]
- Connection malfunction or open circuit of harness connector
- Internal malfunction of passenger knee air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0004-2B, B0004-9A]
- Connection malfunction or short circuit of harness connector
- Internal malfunction of passenger knee air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0004-55]
Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE
—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-81, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013630137

WARNING:
- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

DTC B0013-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC B0013-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace malfunctioning harness and connector.

3. REPLACE KNEE AIR BAG MODULE (PASSENGER SIDE)

1. Replace knee air bag module (passenger side). Refer to SR-27, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-80, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-80, "DTC Description".

Is DTC detected?

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

B0021 CURTAIN AIR BAG MODULE

DTC Description

INFOID:0000000013529211

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B0021	11	Curtain air bag module left (Curtain air bag module left)	[CIRC SHORT TO GRND]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Curtain air bag module signal
				Threshold	Curtain air bag module circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Curtain air bag module signal
				Threshold	Curtain air bag module circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	13		[CIRC OPEN]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Curtain air bag module signal
				Threshold	Curtain air bag module circuit is open
				Diagnosis delay time	2.5 sec.
	2B		Short circuit between lines.	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Curtain air bag module signal
				Threshold	Curtain air bag module circuits are shorted to each other
				Diagnosis delay time	2.5 sec.
	55		[NOT CONFIURED]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.
	9A		[OPERATING CONDITIONS]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Curtain air bag module signal
				Threshold	Curtain air bag module circuits are shorted to each other
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B0021-11]

- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of curtain air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0021-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of curtain air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0021-13]
- Connection malfunction or open circuit of harness connector
- Internal malfunction of curtain air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0021-2B, B0021-9A]
- Connection malfunction or short circuit of harness connector
- Internal malfunction of curtain air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0021-55]
Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-84, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529212

WARNING:
- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

DTC B0021-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC B0021-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace malfunctioning harness and connector.

3. REPLACE CURTAIN AIR BAG MODULE LH

1. Replace curtain air bag module LH. Refer to SR-31, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-83, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-83, "DTC Description".

Is DTC detected?

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

B0029 CURTAIN AIR BAG MODULE

DTC Description

INFOID:0000000013529213

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B0029	11	Curtain air bag module right (Curtain air bag module right)	[CIRC SHORT TO GRND]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Curtain air bag module signal
				Threshold	Curtain air bag module circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Curtain air bag module signal
				Threshold	Curtain air bag module circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	13		[CIRC OPEN]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Curtain air bag module signal
				Threshold	Curtain air bag module circuit is open
				Diagnosis delay time	2.5 sec.
	2B		Short circuit between lines.	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Curtain air bag module signal
				Threshold	Curtain air bag module circuits are shorted to each other
				Diagnosis delay time	2.5 sec.
	9A		[OPERATING CONDITIONS]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Curtain air bag module signal
				Threshold	Curtain air bag module circuits are shorted to each other
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B0029-11]
- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of curtain air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0029-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of curtain air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0029-13]
- Connection malfunction or open circuit of harness connector
- Internal malfunction of curtain air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0029-2B, B0029-9A]
- Connection malfunction or short circuit of harness connector
- Internal malfunction of curtain air bag module
- Internal malfunction of air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-87, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529214

WARNING:
- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace malfunctioning harness and connector.

3.REPLACE CURTAIN AIR BAG MODULE RH

1. Replace curtain air bag module RH. Refer to SR-31, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-86, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-86, "DTC Description".

Is DTC detected?

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

B0050 FRONT SEAT BELT BUCKLE SWITCH

DTC Description

INFOID:0000000013529215

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B0050	11	Seat belt buckle driver side (Seat belt buckle driver side)	[CIRC SHORT TO GRND]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Seat belt buckle switch signal
				Threshold	Seat belt buckle switch circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Seat belt buckle switch signal
				Threshold	Seat belt buckle switch circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	13		[CIRC OPEN]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Seat belt buckle switch signal
				Threshold	Seat belt buckle switch circuit is open
				Diagnosis delay time	2.5 sec.
	55		[NOT CONFIURED]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.
	9A		[OPERATING CONDITIONS]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Seat belt buckle switch signal
				Threshold	Seat belt buckle switch circuits are shorted to each other
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B0050-11]
- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of seat belt buckle switch
- Internal malfunction of air bag diagnosis sensor unit

[B0050-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of seat belt buckle switch
- Internal malfunction of air bag diagnosis sensor unit

[B0050-13]
- Connection malfunction or open circuit of harness connector
- Internal malfunction of seat belt buckle switch
- Internal malfunction of air bag diagnosis sensor unit

[B0050-9A]
- Connection malfunction or short circuit of harness connector
- Internal malfunction of seat belt buckle switch
- Internal malfunction of air bag diagnosis sensor unit

[B0050-55]
Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-89, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529216

WARNING:
- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

DTC B0050-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC B0050-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace malfunctioning harness and connector.

3.REPLACE FRONT SEAT BELT BUCKLE SWITCH (DRIVER SIDE)

1. Replace front seat belt buckle switch (driver side). Refer to SB-13, "SEAT BELT BUCKLE : Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-88, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-88, "DTC Description".

Is DTC detected?

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

B0052 FRONT SEAT BELT BUCKLE SWITCH

DTC Description

INFOID:0000000013529217

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B0052	11	Seat belt buckle passenger side (Seat belt buckle passenger side)	[CIRC SHORT TO GRND]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Seat belt buckle switch signal
				Threshold	Seat belt buckle switch circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Seat belt buckle switch signal
				Threshold	Seat belt buckle switch circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	13		[CIRC OPEN]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Seat belt buckle switch signal
				Threshold	Seat belt buckle switch circuit is open
				Diagnosis delay time	2.5 sec.
	55		[NOT CONFIGURED]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.
	9A		[OPERATING CONDITIONS]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Seat belt buckle switch signal
				Threshold	Seat belt buckle switch circuits are shorted to each other
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B0052-11]
- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of seat belt buckle switch
- Internal malfunction of air bag diagnosis sensor unit

[B0052-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of seat belt buckle switch
- Internal malfunction of air bag diagnosis sensor unit

[B0052-13]
- Connection malfunction or open circuit of harness connector
- Internal malfunction of seat belt buckle switch
- Internal malfunction of air bag diagnosis sensor unit

[B0052-9A]
- Connection malfunction or short circuit of harness connector
- Internal malfunction of seat belt buckle switch
- Internal malfunction of air bag diagnosis sensor unit

[B0052-55]
Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE
—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-92, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529218

WARNING:
- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

DTC B0052-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC B0052-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace malfunctioning harness and connector.

3.REPLACE FRONT SEAT BELT BUCKLE SWITCH (PASSENGER SIDE)

1. Replace front seat belt buckle switch (passenger side). Refer to SB-13, "SEAT BELT BUCKLE : Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-91, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-91, "DTC Description".

Is DTC detected?

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

B007E FRONT SEAT BELT PRE-TENSIONER

DTC Description

INFOID:0000000013529219

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B007E	11	Seat belt pre-tensioner driver side (Seat belt pre-tensioner driver side)	[CIRC SHORT TO GRND]	Diagnosis condition	When Ignition switch is ON.
				Signal (terminal)	Seat belt pre-tensioner signal
				Threshold	Seat belt pre-tensioner circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When Ignition switch is ON.
				Signal (terminal)	Seat belt pre-tensioner signal
				Threshold	Seat belt pre-tensioner circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	13		[CIRC OPEN]	Diagnosis condition	When Ignition switch is ON.
				Signal (terminal)	Seat belt pre-tensioner signal
				Threshold	Seat belt pre-tensioner circuit is open
				Diagnosis delay time	2.5 sec.
	2B		Short circuit between lines.	Diagnosis condition	When Ignition switch is ON.
				Signal (terminal)	Seat belt pre-tensioner signal
				Threshold	Seat belt pre-tensioner circuits are shorted to each other
				Diagnosis delay time	2.5 sec.
	55		[NOT CONFIURED]	Diagnosis condition	When Ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.
	9A		[OPERATING CONDITIONS]	Diagnosis condition	When Ignition switch is ON.
				Signal (terminal)	Seat belt pre-tensioner signal
				Threshold	Seat belt pre-tensioner circuits are shorted to each other
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B007E-11]

- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of seat belt pre-tensioner
- Internal malfunction of air bag diagnosis sensor unit

[B007E-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of seat belt pre-tensioner
- Internal malfunction of air bag diagnosis sensor unit

[B007E-13]
- Connection malfunction or open circuit of harness connector
- Internal malfunction of seat belt pre-tensioner
- Internal malfunction of air bag diagnosis sensor unit

[B007E-2B, B007E-9A]
- Connection malfunction or short circuit of harness connector
- Internal malfunction of seat belt pre-tensioner
- Internal malfunction of air bag diagnosis sensor unit

[B007E-55]
Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-95, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529220

WARNING:
- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

DTC B007E-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC B007E-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace malfunctioning harness and connector.

3. REPLACE FRONT SEAT BELT RETRACTOR (DRIVER SIDE)

1. Replace front seat belt retractor (driver side). Refer to SB-8, "SEAT BELT RETRACTOR : Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-94, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-94, "DTC Description".

Is DTC detected?

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

B007F FRONT SEAT BELT PRE-TENSIONER

DTC Description

INFOID:0000000013529221

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B007F	11	Seat belt pre-tensioner passenger side (Seat belt pre-tensioner passenger side)	[CIRC SHORT TO GRND]	Diagnosis condition	When Ignition switch is ON.
				Signal (terminal)	Seat belt pre-tensioner signal
				Threshold	Seat belt pre-tensioner circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When Ignition switch is ON.
				Signal (terminal)	Seat belt pre-tensioner signal
				Threshold	Seat belt pre-tensioner circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	13		[CIRC OPEN]	Diagnosis condition	When Ignition switch is ON.
				Signal (terminal)	Seat belt pre-tensioner signal
				Threshold	Seat belt pre-tensioner circuit is open
				Diagnosis delay time	2.5 sec.
	2B		Short circuit between lines.	Diagnosis condition	When Ignition switch is ON.
				Signal (terminal)	Seat belt pre-tensioner signal
				Threshold	Seat belt pre-tensioner circuits are shorted to each other
				Diagnosis delay time	2.5 sec.
	55		[NOT CONFIURED]	Diagnosis condition	When Ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.
	9A		[OPERATING CONDITIONS]	Diagnosis condition	When Ignition switch is ON.
				Signal (terminal)	Seat belt pre-tensioner signal
				Threshold	Seat belt pre-tensioner circuits are shorted to each other
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B007F-11]

- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of seat belt pre-tensioner
- Internal malfunction of air bag diagnosis sensor unit

[B007F-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of seat belt pre-tensioner
- Internal malfunction of air bag diagnosis sensor unit

[B007F-13]
- Connection malfunction or open circuit of harness connector
- Internal malfunction of seat belt pre-tensioner
- Internal malfunction of air bag diagnosis sensor unit

[B007F-2B, B007F-9A]
- Connection malfunction or short circuit of harness connector
- Internal malfunction of seat belt pre-tensioner
- Internal malfunction of air bag diagnosis sensor unit

[B007F-55]
Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-98, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529222

WARNING:
- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

DTC B007F-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC B007F-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace malfunctioning harness and connector.

3. REPLACE FRONT SEAT BELT RETRACTOR (PASSENGER SIDE)

1. Replace front seat belt retractor (passenger side). Refer to SB-8, "SEAT BELT RETRACTOR : Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-97, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-97, "DTC Description".

Is DTC detected?

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

B0082 FRONT SEAT BELT FORCE LIMITER

DTC Description

INFOID:0000000013630138

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B0082	11	Seat belt force limiter pass side (Seat belt force limiter passenger side)	[CIRC SHORT TO GRND]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Front passenger belt force limiter signal
				Threshold	Front passenger belt force limiter circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Front passenger belt force limiter signal
				Threshold	Front passenger belt force limiter circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	13		[CIRC OPEN]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Front passenger belt force limiter signal
				Threshold	Front passenger belt force limiter circuit is open
				Diagnosis delay time	2.5 sec.
	2B		Short circuit between lines.	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Front passenger belt force limiter signal
				Threshold	Front passenger belt force limiter circuits are shorted to each other
				Diagnosis delay time	2.5 sec.
	55		[NOT CONFIURED]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.
	9A		[OPERATING CONDITIONS]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Front passenger belt force limiter signal
				Threshold	Front passenger belt force limiter circuits are shorted to each other
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B0082-11]
- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of front passenger belt force limiter
- Internal malfunction of air bag diagnosis sensor unit

[B0082-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of front passenger belt force limiter
- Internal malfunction of air bag diagnosis sensor unit

[B0082-13]
- Connection malfunction or open circuit of harness connector
- Internal malfunction of front passenger belt force limiter
- Internal malfunction of air bag diagnosis sensor unit

[B0082-2B, B0082-9A]
- Connection malfunction or short circuit of harness connector
- Internal malfunction of front passenger belt force limiter
- Internal malfunction of air bag diagnosis sensor unit

[B0082-55]
Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE
—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-132, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013630139

WARNING:
- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

DTC B0082-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC B0082-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace malfunctioning harness and connector.

3. REPLACE SEAT BELT RETRACTOR (PASSENGER SIDE)

1. Replace seat belt retractor (passenger side). Refer to SB-8, "SEAT BELT RETRACTOR : Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-131, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-131, "DTC Description".

Is DTC detected?

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

B0090 CRASH ZONE SENSOR

DTC Description

INFOID:0000000013529223

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B0090	11	Crash zone sensor left (Crash zone sensor left)	[CIRC SHORT TO GRND]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Crash zone sensor signal
				Threshold	Crash zone sensor circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Crash zone sensor signal
				Threshold	Crash zone sensor circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	49		[INTERNAL ELECTRONIC]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Crash zone sensor signal
				Threshold	Crash zone sensor is malfunctioning
				Diagnosis delay time	2.5 sec.
	55		[NOT CONFIURED]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.
	87		[MISSING MESSAGE]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Crash zone sensor signal
				Threshold	Communication malfunction of crash zone sensor
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B0090-11]
- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of crash zone sensor
- Internal malfunction of air bag diagnosis sensor unit

[B0090-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of crash zone sensor
- Internal malfunction of air bag diagnosis sensor unit

[B0090-49]
- Internal malfunction of crash zone sensor

[B0090-55]
Incomplete of configuration for air bag diagnosis sensor unit

[B0090-87]
- Connection malfunction of harness or connector
- Internal malfunction of crash zone sensor
- Internal malfunction of air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-104, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529224

WARNING:
- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

DTC B0090-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC B0090-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace malfunctioning harness and connector.

3.REPLACE CRASH ZONE SENSOR LH

1. Replace crash zone sensor LH. Refer to SR-34, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-103, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-103, "DTC Description".

Is DTC detected?

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

B0091 FRONT DOOR SATELLITE SENSOR

DTC Description

INFOID:0000000013529225

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B0091	11	Crash zone sensor left (Crash zone sensor left)	[CIRC SHORT TO GRND]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Front door satellite sensor signal
				Threshold	Front door satellite sensor circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Front door satellite sensor signal
				Threshold	Front door satellite sensor circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	49		[INTERNAL ELECTRONIC]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Front door satellite sensor signal
				Threshold	Front door satellite sensor is malfunctioning
				Diagnosis delay time	2.5 sec.
	55		[NOT CONFIURED]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.
	87		[MISSING MESSAGE]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Front door satellite sensor signal
				Threshold	Communication malfunction of front door satellite sensor
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B0091-11]
- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of front door satellite sensor
- Internal malfunction of air bag diagnosis sensor unit

[B0091-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of front door satellite sensor

• Internal malfunction of air bag diagnosis sensor unit

[B0091-49]
• Internal malfunction of front door satellite sensor

[B0091-55]
Incomplete of configuration for air bag diagnosis sensor unit

[B0091-87]
• Connection malfunction of harness or connector
• Internal malfunction of front door satellite sensor
• Internal malfunction of air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-107, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529226

WARNING:
- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

DTC B0091-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC B0091-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace malfunctioning harness and connector.

3.REPLACE FRONT DOOR SATELLITE SENSOR LH

1. Replace front door satellite sensor LH. Refer to SR-36, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-106, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-106, "DTC Description".

Is DTC detected?

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

B0092 B-PILLAR SATELLITE SENSOR

DTC Description

INFOID:0000000013529227

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B0092	11	Crash zone sensor left (Crash zone sensor left)	[CIRC SHORT TO GRND]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	B-pillar satellite sensor signal
				Threshold	B-pillar satellite sensor circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	B-pillar satellite sensor signal
				Threshold	B-pillar satellite sensor circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	49		[INTERNAL ELECTRONIC]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	B-pillar satellite sensor signal
				Threshold	B-pillar satellite sensor is malfunctioning
				Diagnosis delay time	2.5 sec.
	55		[NOT CONFIURED]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.
	87		[MISSING MESSAGE]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	B-pillar satellite sensor signal
				Threshold	Communication malfunction of B-pillar satellite sensor
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B0092-11]
- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of B-pillar satellite sensor
- Internal malfunction of air bag diagnosis sensor unit

[B0092-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of B-pillar satellite sensor
- Internal malfunction of air bag diagnosis sensor unit

[B0092-49]
- Internal malfunction of B-pillar satellite sensor

[B0092-55]
Incomplete of configuration for air bag diagnosis sensor unit

[B0092-87]
- Connection malfunction of harness or connector
- Internal malfunction of B-pillar satellite sensor
- Internal malfunction of air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-110, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529228

WARNING:
- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

DTC B0092-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC B0092-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace malfunctioning harness and connector.

3.REPLACE B-PILLAR SATELLITE SENSOR LH

1. Replace B-pillar satellite sensor LH. Refer to SR-36, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-109, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-109, "DTC Description".

Is DTC detected?

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

B0093 REAR DOOR SATELLITE SENSOR

DTC Description

INFOID:0000000013529229

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B0093	11	Crash zone sensor left (Crash zone sensor left)	[CIRC SHORT TO GRND]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Rear door satellite sensor signal
				Threshold	Rear door satellite sensor circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Rear door satellite sensor signal
				Threshold	Rear door satellite sensor circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	49		[INTERNAL ELECTRONIC]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Rear door satellite sensor signal
				Threshold	Rear door satellite sensor is malfunctioning
				Diagnosis delay time	2.5 sec.
	55		[NOT CONFIURED]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.
	87		[MISSING MESSAGE]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Rear door satellite sensor signal
				Threshold	Communication malfunction of rear door satellite sensor
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B0093-11]
- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of rear door satellite sensor
- Internal malfunction of air bag diagnosis sensor unit

[B0093-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of rear door satellite sensor
- Internal malfunction of air bag diagnosis sensor unit

[B0093-49]
- Internal malfunction of rear door satellite sensor

[B0093-55]
Incomplete of configuration for air bag diagnosis sensor unit

[B0093-87]
- Connection malfunction of harness or connector
- Internal malfunction of rear door satellite sensor
- Internal malfunction of air bag diagnosis sensor unit

FAIL-SAFE

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DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-113, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529230

WARNING:
- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

DTC B0093-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC B0093-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace malfunctioning harness and connector.

3.REPLACE REAR DOOR SATELLITE SENSOR LH

1. Replace rear door satellite sensor LH. Refer to SR-36, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-112, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-112, "DTC Description".

Is DTC detected?

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

B0095 CRASH ZONE SENSOR

DTC Description

INFOID:0000000013529231

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B0095	11	Crash zone sensor right (Crash zone sensor right)	[CIRC SHORT TO GRND]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Crash zone sensor signal
				Threshold	Crash zone sensor circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Crash zone sensor signal
				Threshold	Crash zone sensor circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	49		[INTERNAL ELECTRONIC]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Crash zone sensor signal
				Threshold	Crash zone sensor is malfunctioning
				Diagnosis delay time	2.5 sec.
	55		[NOT CONFIURED]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.
	87		[MISSING MESSAGE]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Crash zone sensor signal
				Threshold	Communication malfunction of crash zone sensor
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B0095-11]
- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of crash zone sensor
- Internal malfunction of air bag diagnosis sensor unit

[B0095-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of crash zone sensor
- Internal malfunction of air bag diagnosis sensor unit

[B0095-49]
- Internal malfunction of crash zone sensor

[B0095-55]
Incomplete of configuration for air bag diagnosis sensor unit

[B0095-87]
- Connection malfunction of harness or connector
- Internal malfunction of crash zone sensor
- Internal malfunction of air bag diagnosis sensor unit

FAIL-SAFE

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DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-116, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529232

WARNING:
- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

DTC B0095-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC B0095-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace malfunctioning harness and connector.

3.REPLACE CRASH ZONE SENSOR RH

1. Replace crash zone sensor RH. Refer to SR-34, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-115, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-115, "DTC Description".

Is DTC detected?

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

B0096 FRONT DOOR SATELLITE SENSOR

DTC Description

INFOID:0000000013529233

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B0096	11	Crash zone sensor right (Crash zone sensor right)	[CIRC SHORT TO GRND]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Front door satellite sensor signal
				Threshold	Front door satellite sensor circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Front door satellite sensor signal
				Threshold	Front door satellite sensor circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	49		[INTERNAL ELECTRONIC]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Front door satellite sensor signal
				Threshold	Front door satellite sensor is malfunctioning
				Diagnosis delay time	2.5 sec.
	55		[NOT CONFIURED]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.
	87		[MISSING MESSAGE]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Front door satellite sensor signal
				Threshold	Communication malfunction of front door satellite sensor
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B0096-11]
- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of front door satellite sensor
- Internal malfunction of air bag diagnosis sensor unit

[B0096-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of front door satellite sensor

• Internal malfunction of air bag diagnosis sensor unit

[B0096-49]
• Internal malfunction of front door satellite sensor

[B0096-55]
Incomplete of configuration for air bag diagnosis sensor unit

[B0096-87]
• Connection malfunction of harness or connector
• Internal malfunction of front door satellite sensor
• Internal malfunction of air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-119, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529234

WARNING:
- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

DTC B0096-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC B0096-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace malfunctioning harness and connector.

3.REPLACE FRONT DOOR SATELLITE SENSOR RH

1. Replace front door satellite sensor RH. Refer to SR-36, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-118, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-118, "DTC Description".

Is DTC detected?

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

B0097 B-PILLAR SATELLITE SENSOR

DTC Description

INFOID:0000000013529235

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B0097	11	Crash zone sensor right (Crash zone sensor right)	[CIRC SHORT TO GRND]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	B-pillar satellite sensor signal
				Threshold	B-pillar satellite sensor circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	B-pillar satellite sensor signal
				Threshold	B-pillar satellite sensor circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	49		[INTERNAL ELECTRONIC]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	B-pillar satellite sensor signal
				Threshold	B-pillar satellite sensor is malfunctioning
				Diagnosis delay time	2.5 sec.
	55		[NOT CONFIGURED]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.
	87		[MISSING MESSAGE]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	B-pillar satellite sensor signal
				Threshold	Communication malfunction of B-pillar satellite sensor
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B0097-11]
- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of B-pillar satellite sensor
- Internal malfunction of air bag diagnosis sensor unit

[B0097-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of B-pillar satellite sensor
- Internal malfunction of air bag diagnosis sensor unit

[B0097-49]
- Internal malfunction of B-pillar satellite sensor

[B0097-55]
Incomplete of configuration for air bag diagnosis sensor unit

[B0097-87]
- Connection malfunction of harness or connector
- Internal malfunction of B-pillar satellite sensor
- Internal malfunction of air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-122, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529236

WARNING:
- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

DTC B0097-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC B0097-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace malfunctioning harness and connector.

3.REPLACE B-PILLAR SATELLITE SENSOR RH

1. Replace B-pillar satellite sensor RH. Refer to SR-36, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-121, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-121, "DTC Description".

Is DTC detected?

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

B0098 REAR DOOR SATELLITE SENSOR

DTC Description

INFOID:0000000013529237

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B0098	11	Crash zone sensor right (Crash zone sensor right)	[CIRC SHORT TO GRND]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Rear door satellite sensor signal
				Threshold	Rear door satellite sensor circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Rear door satellite sensor signal
				Threshold	Rear door satellite sensor circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	49		[INTERNAL ELECTRONIC]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Rear door satellite sensor signal
				Threshold	Rear door satellite sensor is malfunctioning
				Diagnosis delay time	2.5 sec.
	55		[NOT CONFIURED]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.
	87		[MISSING MESSAGE]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Rear door satellite sensor signal
				Threshold	Communication malfunction of rear door satellite sensor
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B0098-11]
- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of rear door satellite sensor
- Internal malfunction of air bag diagnosis sensor unit

[B0098-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of rear door satellite sensor
- Internal malfunction of air bag diagnosis sensor unit

[B0098-49]
- Internal malfunction of rear door satellite sensor

[B0098-55]
Incomplete of configuration for air bag diagnosis sensor unit

[B0098-87]
- Connection malfunction of harness or connector
- Internal malfunction of rear door satellite sensor
- Internal malfunction of air bag diagnosis sensor unit

FAIL-SAFE

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DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-125, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529238

WARNING:
- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

DTC B0098-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC B0098-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace malfunctioning harness and connector.

3.REPLACE REAR DOOR SATELLITE SENSOR RH

1. Replace rear door satellite sensor RH. Refer to SR-36, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-124, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-124, "DTC Description".

Is DTC detected?

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

B0099 AIR BAG DIAGNOSIS SENSOR UNIT

DTC Description

INFOID:0000000013529239

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B0099	96	Satellite sensor (Satellite sensor)	[CMPNENT INTERNAL MLFNCTN]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-127, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529240

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 CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

B00A0 OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

DTC Description

INFOID:0000000013529241

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B00A0	01	Occupant detection sensor ECU	[ELECTRICAL MALFUNCTION]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Occupant classification sensor signal
				Threshold	Driver air bag module circuit is shorted to ground
				Diagnosis delay time	5 sec.
	16		[CIRC VOLT BELOW THRESHOLD]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Battery low voltage signal
				Threshold	Power supply malfunction (low voltage) of occupant classification system control unit
				Diagnosis delay time	5 sec.
	54		[MISSING CALIBRATION]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	Incomplete of calibration for occupant classification system control unit
				Diagnosis delay time	5 sec.
	56		[An incorrect or incompatible configuration was detected]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Occupant classification system control unit ID signal
				Threshold	Occupant classification system control unit ID is wrong
				Diagnosis delay time	5 sec.
	57		[Incorrect or incompatible software modules were detected]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Weight signal (LIN communication)
				Threshold	Weight signal do not match
				Diagnosis delay time	5 sec.
	68		[EVENT INFORMATION]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Weight class signal
				Threshold	—
				Diagnosis delay time	25 sec.

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B00A0	7A	Occupant detection sensor ECU	[FLUID LEAK OR SEAL FAILURE]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Pressure signal
				Threshold	Pressure sensor is malfunction
				Diagnosis delay time	5 sec.
	7B		[LOW FLUID LEVEL]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Driver air bag module signal
				Threshold	Driver air bag module circuit is shorted to power supply circuit
				Diagnosis delay time	5 sec.
	81		[INVALID SERIAL DATA RECEIVED]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Weight signal
				Threshold	wrong weight
				Diagnosis delay time	24 sec.
	92		[PERFORMANCE OR INCORRECT OPERATION]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	Acceleration self test error
				Diagnosis delay time	5 sec.
	96		[CMPNENT INTERNAL MLFNCTN]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	Occupant classification system control unit detected internal error
				Diagnosis delay time	5 sec.
	98		[COMPONENT/SYS OVER TEMP]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Temperature signal
				Threshold	Temperature sensor is malfunction
				Diagnosis delay time	5 sec.

POSSIBLE CAUSE

- Occupant classification system control unit.
- Incomplete of calibration for occupant classification system control unit (zero point reset).

FAIL-SAFE

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DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-130, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529242

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 ZERO POINT RESET

1. Perform zero point reset. Refer to SRC-60, "Description".
2. Perform DTC confirmation procedure. Refer to SRC-128, "DTC Description".

Is DTC detected?

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

2.REPLACE OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace seat cushion assembly. Refer to SE-66, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-128, "DTC Description".

Is DTC detected?

YES >> GO TO 3.
NO >> INSPECTION END

3.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-128, "DTC Description".

Is DTC detected?

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

B00C5 FRONT SEAT POSITION DETECTION SWITCH

DTC Description

INFOID:0000000013630141

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B00C5	11	Driver air bag module 1 (Driver air bag module 1)	[CIRC SHORT TO GRND]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Front passenger seat position detection switch signal
				Threshold	Front passenger seat position detection switch circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Front passenger seat position detection switch signal
				Threshold	Front passenger seat position detection switch circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	13		[CIRC OPEN]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Front passenger seat position detection switch signal
				Threshold	Front passenger seat position detection switch circuit is open
				Diagnosis delay time	2.5 sec.
	55		[NOT CONFIURED]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B00C5-11]
- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of front passenger seat position detection switch
- Internal malfunction of air bag diagnosis sensor unit

[B00C5-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of front passenger seat position detection switch
- Internal malfunction of air bag diagnosis sensor unit

[B00C5-13]
- Connection malfunction or open circuit of harness connector
- Internal malfunction of front passenger seat position detection switch

• Internal malfunction of air bag diagnosis sensor unit

[B00C5-55]
Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-132, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013630142

WARNING:

- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

DTC B00C5-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC B00C5-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace malfunctioning harness and connector.

3.REPLACE FRONT PASSENGER SEAT POSITION DETECTION SWITCH

1. Replace front passenger seat position detection switch. Refer to SE-66, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-131, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-131, "DTC Description".

Is DTC detected?

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

B00E3 REAR SEAT BELT PRE-TENSIONER

DTC Description

INFOID:0000000013529243

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B00E3	11	Seat belt pre-tensioner rear left (Seat belt pre-tensioner rear left)	[CIRC SHORT TO GRND]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Seat belt pre-tensioner signal
				Threshold	Seat belt pre-tensioner circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Seat belt pre-tensioner signal
				Threshold	Seat belt pre-tensioner circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	13		[CIRC OPEN]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Seat belt pre-tensioner signal
				Threshold	Seat belt pre-tensioner circuit is open
				Diagnosis delay time	2.5 sec.
	2B		Short circuit between lines.	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Seat belt pre-tensioner signal
				Threshold	Seat belt pre-tensioner circuits are shorted to each other
				Diagnosis delay time	2.5 sec.
	55		[NOT CONFIURED]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.
	9A		[OPERATING CONDITIONS]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Seat belt pre-tensioner signal
				Threshold	Seat belt pre-tensioner circuits are shorted to each other
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B00E3-11]

- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of seat belt pre-tensioner
- Internal malfunction of air bag diagnosis sensor unit

[B00E3-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of seat belt pre-tensioner
- Internal malfunction of air bag diagnosis sensor unit

[B00E3-13]
- Connection malfunction or open circuit of harness connector
- Internal malfunction of seat belt pre-tensioner
- Internal malfunction of air bag diagnosis sensor unit

[B00E3-2B, B00E3-9A]
- Connection malfunction or short circuit of harness connector
- Internal malfunction of seat belt pre-tensioner
- Internal malfunction of air bag diagnosis sensor unit

[B00E3-55]
Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-134, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529244

WARNING:
- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

DTC B00E3-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC B00E3-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace malfunctioning harness and connector.

3. REPLACE REAR SEAT BELT RETRACTOR LH

1. Replace rear seat belt retractor LH. Refer to SB-15, "SEAT BELT RETRACTOR : Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-133, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-133, "DTC Description".

Is DTC detected?

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

B00E4 REAR SEAT BELT PRE-TENSIONER

DTC Description

INFOID:0000000013529245

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B00E4	11	Seat belt pre-tensioner rear right (Seat belt pre-tensioner rear right)	[CIRC SHORT TO GRND]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Seat belt pre-tensioner signal
				Threshold	Seat belt pre-tensioner circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Seat belt pre-tensioner signal
				Threshold	Seat belt pre-tensioner circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	13		[CIRC OPEN]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Seat belt pre-tensioner signal
				Threshold	Seat belt pre-tensioner circuit is open
				Diagnosis delay time	2.5 sec.
	2B		Short circuit between lines.	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Seat belt pre-tensioner signal
				Threshold	Seat belt pre-tensioner circuits are shorted to each other
				Diagnosis delay time	2.5 sec.
	55		[NOT CONFIURED]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.
	9A		[OPERATING CONDITIONS]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Seat belt pre-tensioner signal
				Threshold	Seat belt pre-tensioner circuits are shorted to each other
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B00E4-11]

- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of seat belt pre-tensioner
- Internal malfunction of air bag diagnosis sensor unit

[B00E4-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of seat belt pre-tensioner
- Internal malfunction of air bag diagnosis sensor unit

[B00E4-13]
- Connection malfunction or open circuit of harness connector
- Internal malfunction of seat belt pre-tensioner
- Internal malfunction of air bag diagnosis sensor unit

[B00E4-2B, B00E4-9A]
- Connection malfunction or short circuit of harness connector
- Internal malfunction of seat belt pre-tensioner
- Internal malfunction of air bag diagnosis sensor unit

[B00E4-55]
Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-137, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529246

WARNING:
- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

DTC B00E4-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC B00E4-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace malfunctioning harness and connector.

3. REPLACE REAR SEAT BELT RETRACTOR RH

1. Replace rear seat belt retractor RH. Refer to SB-15, "SEAT BELT RETRACTOR : Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-136, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-136, "DTC Description".

Is DTC detected?

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

B1BC7 AIR BAG DIAGNOSIS SENSOR UNIT

DTC Description

INFOID:0000000013529247

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B1BC7	00	Air bag diagnosis sensor unit (Air bag diagnosis sensor unit)	[NO SUBTYPE INFO]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-139, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529248

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 CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

B2103 POWER SUPPLY CIRCUIT

DTC Description

INFOID:0000000013529249

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B2103	13	Power supply circuit (Power supply circuit)	[CIRC OPEN]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Battery voltage signal
				Threshold	Power supply circuit is open
				Diagnosis delay time	15 sec.
	16		[CIRC VOLT BELOW THRESHOLD]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Battery low voltage signal
				Threshold	Power supply malfunction (low voltage) of air bag diagnosis sensor unit
				Diagnosis delay time	15 sec.
	17		[CIRC VOLT ABOVE THRESHOLD]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Battery high voltage signal
				Threshold	Power supply malfunction (high voltage) of air bag diagnosis sensor unit
				Diagnosis delay time	15 sec.

POSSIBLE CAUSE

[B2103-13]
- Connection malfunction or open circuit of harness connector
- Internal malfunction of air bag diagnosis sensor unit

[B2103-16]
- Malfunction battery voltage (less than 9 V)
- Connection malfunction of harness or connector
- Internal malfunction of air bag diagnosis sensor unit

[B2103-17]
- Malfunction battery voltage (more than 17 V)
- Connection malfunction of harness or connector
- Internal malfunction of air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-141, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529250

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 BATTERY VOLTAGE

Check main battery voltage. Refer to PG-102, "MAIN BATTERY : How to Handle Battery".

Is the inspection result normal?

YES >> GO TO 2.
NO >> Repair or replace the malfunctioning parts.

2.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 3.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

3.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace malfunctioning harness and connector.

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-140, "DTC Description".

Is DTC detected?

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

B210F POWER SUPPLY CIRCUIT

DTC Description

INFOID:0000000013529251

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B210F	13	Power supply circuit (Power supply circuit)	[CIRC OPEN]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Battery voltage signal
				Threshold	Power supply circuit is open
				Diagnosis delay time	15 sec.
	16		[CIRC VOLT BELOW THRESHOLD]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Battery low voltage signal
				Threshold	Power supply malfunction (low voltage) of air bag diagnosis sensor unit
				Diagnosis delay time	15 sec.
	17		[CIRC VOLT ABOVE THRESHOLD]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Battery high voltage signal
				Threshold	Power supply malfunction (high voltage) of air bag diagnosis sensor unit
				Diagnosis delay time	15 sec.

POSSIBLE CAUSE

[B210F-13]
- Connection malfunction or open circuit of harness connector
- Internal malfunction of air bag diagnosis sensor unit

[B210F-16]
- Malfunction battery voltage (less than 9 V)
- Connection malfunction of harness or connector
- Internal malfunction of air bag diagnosis sensor unit

[B210F-17]
- Malfunction battery voltage (more than 17 V)
- Connection malfunction of harness or connector
- Internal malfunction of air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-143, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529252

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 BATTERY VOLTAGE

Check main battery voltage. Refer to PG-102, "MAIN BATTERY : How to Handle Battery".

Is the inspection result normal?

YES >> GO TO 2.
NO >> Repair or replace the malfunctioning parts.

2.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 3.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

3.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 4.
NO >> Replace malfunctioning harness and connector.

4.REPLACE AIR BAG DIAGNOSIS SENSOR UNIT

1. Replace air bag diagnosis sensor unit. Refer to SR-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-142, "DTC Description".

Is DTC detected?

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

B2205 VIN MISSING/MISSMATCH

DTC Description

INFOID:0000000013529253

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B2205	00	Vehicle identification number (Vehicle identification number)	[NO SUBTYPE INFO]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-144, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529254

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 CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

B2206 VIN MISSING/MISSMATCH

DTC Description

INFOID:0000000013529255

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B2206	00	Vehicle identification number (Vehicle identification number)	[NO SUBTYPE INFO]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-145, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529256

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 CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

B2207 AIR BAG DIAGNOSIS SENSOR UNIT

DTC Description

INFOID:0000000013529257

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B2207	00	Air bag diagnosis sensor unit (Air bag diagnosis sensor unit)	[NO SUBTYPE INFO]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-146, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529258

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 CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

B2208 AIR BAG DIAGNOSIS SENSOR UNIT

DTC Description

INFOID:0000000013529259

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B2208	00	Air bag diagnosis sensor unit (Air bag diagnosis sensor unit)	[NO SUBTYPE INFO]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-147, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529260

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 CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

B220B AIR BAG DIAGNOSIS SENSOR UNIT

DTC Description

INFOID:0000000013529261

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B220B	00	Air bag diagnosis sensor unit (Air bag diagnosis sensor unit)	[NO SUBTYPE INFO]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-148, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529262

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 CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

B2255 AIR BAG DIAGNOSIS SENSOR UNIT

DTC Description

INFOID:0000000013529263

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B2255	00	Satellite sensor (Satellite sensor)	[NO SUBTYPE INFO]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-149, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529264

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 CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

B2280 CONFIG SETTING

DTC Description

INFOID:0000000013529265

DTC DETECTION LOGIC

DTC		CONSULT screen items		DTC detecting condition	
		(Trouble diagnosis content)	[Malfunction type]		
B2280	00	Configuration (steering variant)	[NO SUBTYPE INFO]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-150, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529266

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 CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

B2722 ECU LOCK STATUS

DTC Description

INFOID:0000000013529267

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B2722	00	Air bag diagnosis sensor unit (Air bag diagnosis sensor unit)	[NO SUBTYPE INFO]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-151, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529268

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 CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

B2735 PYROFUSE

DTC Description

INFOID:0000000014327564

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B2735	11	Pyrofuse circuit (Pyrofuse circuit)	[CIRC SHORT TO GRND]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Pyrofuse signal
				Threshold	Pyrofuse circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Pyrofuse signal
				Threshold	Pyrofuse circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	13		[CIRC OPEN]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Pyrofuse signal
				Threshold	Pyrofuse circuit is open
				Diagnosis delay time	2.5 sec.
	2B		Short circuit between lines.	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Pyrofuse signal
				Threshold	Pyrofuse circuits are shorted to each other
				Diagnosis delay time	2.5 sec.
	55		[NOT CONFIURED]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.
	9A		[OPERATING CONDITIONS]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Pyrofuse signal
				Threshold	Pyrofuse circuits are shorted to each other
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B2735-11]
- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of pyrofuse
- Internal malfunction of air bag diagnosis sensor unit

[B2735-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of pyrofuse
- Internal malfunction of air bag diagnosis sensor unit

[B2735-13]
- Connection malfunction or open circuit of harness connector
- Internal malfunction of pyrofuse
- Internal malfunction of air bag diagnosis sensor unit

[B2735-2B, B2735-9A]
- Connection malfunction or short circuit of harness connector
- Internal malfunction of pyrofuse
- Internal malfunction of air bag diagnosis sensor unit

[B2735-55]
Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE
—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-153, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000014327565

WARNING:
- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

DTC B2735-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC B2735-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace malfunctioning harness and connector.

3.REPLACE BATTERY POSITIVE TERMINAL (PYROFUSE)

1. Replace battery positive terminal (pyrofuse).

2. Perform DTC confirmation procedure. Refer to SRC-152, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-152, "DTC Description".

Is DTC detected?

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

B2750 SIDE AIR BAG MODULE

DTC Description

INFOID:0000000013529269

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B2750	11	Driver side air bag module (Driver side air bag module)	[CIRC SHORT TO GRND]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Driver side air bag module signal
				Threshold	Driver side air bag module circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Driver side air bag module signal
				Threshold	Driver side air bag module circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	13		[CIRC OPEN]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Driver side air bag module signal
				Threshold	Driver side air bag module circuit is open
				Diagnosis delay time	2.5 sec.
	2B		Short circuit between lines.	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Driver side air bag module signal
				Threshold	Driver side air bag module circuits are shorted to each other
				Diagnosis delay time	2.5 sec.
	55		[NOT CONFIURED]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.
	9A		[OPERATING CONDITIONS]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Driver side air bag module signal
				Threshold	Driver side air bag module circuits are shorted to each other
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B2750-11]

- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of driver side air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B2750-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of driver side air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B2750-13]
- Connection malfunction or open circuit of harness connector
- Internal malfunction of driver side air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B2750-2B, B2750-9A]
- Connection malfunction or short circuit of harness connector
- Internal malfunction of driver side air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B2750-55]
Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-156, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529270

WARNING:
- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

DTC B2750-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC B2750-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.

NO >> Replace malfunctioning harness and connector.

3. REPLACE SIDE AIR BAG MODULE (DRIVER SIDE)

1. Replace side air bag module (driver side). Refer to SE-66, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-155, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-155, "DTC Description".

Is DTC detected?

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

B2751 SIDE AIR BAG MODULE

DTC Description

INFOID:0000000013529271

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
B2751	11	Passenger side air bag module (Passenger side air bag module)	[CIRC SHORT TO GRND]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Passenger side air bag module signal
				Threshold	Passenger side air bag module circuit is shorted to ground
				Diagnosis delay time	2.5 sec.
	12		[CIRC SHORT TO BATTERY]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Passenger side air bag module signal
				Threshold	Passenger side air bag module circuit is shorted to power supply circuit
				Diagnosis delay time	2.5 sec.
	13		[CIRC OPEN]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Passenger side air bag module signal
				Threshold	Passenger side air bag module circuit is open
				Diagnosis delay time	2.5 sec.
	2B		Short circuit between lines.	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Passenger side air bag module signal
				Threshold	Passenger side air bag module circuits are shorted to each other
				Diagnosis delay time	2.5 sec.
	55		[NOT CONFIURED]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.
	9A		[OPERATING CONDITIONS]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	Passenger side air bag module signal
				Threshold	Passenger side air bag module circuits are shorted to each other
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

[B2751-11]
- Connection malfunction or short circuit to ground of harness and connector
- Internal malfunction of passenger side air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B2751-12]
- Connection malfunction or short circuit to power supply of harness connector
- Internal malfunction of passenger side air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B2751-13]
- Connection malfunction or open circuit of harness connector
- Internal malfunction of passenger side air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B2751-2B, B2751-9A]
- Connection malfunction or short circuit of harness connector
- Internal malfunction of passenger side air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B2751-55]
Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE
—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-159, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529272

WARNING:
- **Before servicing, removing ignition key, disconnect battery negative terminal, and wait at least 5 seconds or more. (To discharge backup capacitor.)**
- **Never use unspecified tester or other measuring device.**

DTC B2751-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC B2751-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace malfunctioning harness and connector.

3. REPLACE SIDE AIR BAG MODULE (PASSENGER SIDE)

1. Replace side air bag module (passenger side). Refer to SE-66, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-158, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-158, "DTC Description".

Is DTC detected?

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

U0146 COMMUNICATION WITH CENTRAL GATEWAY

DTC Description

INFOID:0000000013529273

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
U0146	00	COMMUNICATION ERROR (LOST) [COMMUNICATION ERROR (LOST)]	[NO SUBTYPE INFO]	Diagnosis condition	CAN communication: active
				Signal (terminal)	—
				Threshold	Electronic ignition switch control unit does not transmit signal on the CAN communication.
				Diagnosis delay time	—

POSSIBLE CAUSE

- CAN communication
- Electronic ignition switch control unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-161, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529274

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace malfunctioning harness and connector.

3.REPLACE ELECTRONIC IGNITION SWITCH CONTROL UNIT

1. Replace electronic ignition switch control unit. Refer to PCS-47, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-161, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-161, "DTC Description".

Is DTC detected?

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

U0155 CAN COMMUNICATION (COMBINATION METER)

DTC Description

INFOID:0000000013529275

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
U0155	00	COMMUNICATION ERROR (LOST) [COMMUNICATION ERROR (LOST)]	[NO SUBTYPE INFO]	Diagnosis condition	CAN communication: active
				Signal (terminal)	—
				Threshold	Combination meter does not transmit signal on the CAN communication.
				Diagnosis delay time	—

POSSIBLE CAUSE

- CAN communication
- Combination meter

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-163, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529276

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace malfunctioning harness and connector.

3.REPLACE COMBINATION METER

1. Replace combination meter. Refer to MWI-155, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-163, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-163, "DTC Description".

Is DTC detected?

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

U1008 LIN COMMUNICATION

DTC Description

INFOID:0000000013529277

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
U1008	41	LIN 1 Bus (LIN 1 Bus)	[GENERAL CHECKSUM FAILURE]	Diagnosis condition	CAN communication: active
				Signal (terminal)	—
				Threshold	Occupant classification system has a malfunction. There is has a checksum correct.
				Diagnosis delay time	—
	55		[NOT CONFIGURED]	Diagnosis condition	CAN communication: active
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	—
	56		Invalid / Incompatible Configuration	Diagnosis condition	CAN communication: active
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	—
	87		[MISSING MESSAGE]	Diagnosis condition	CAN communication: active
				Signal (terminal)	—
				Threshold	Air bag diagnosis sensor unit does not transmit signal on the CAN communication.
				Diagnosis delay time	—

POSSIBLE CAUSE

[U1008-41]
- Connection malfunction or open circuit of harness connector
- Internal malfunction of driver air bag module
- Internal malfunction of air bag diagnosis sensor unit

[B0001-55]
Incomplete of configuration for air bag diagnosis sensor unit

[B0001-56]
Incomplete of configuration for air bag diagnosis sensor unit

[B0001-87]
- CAN communication
- Occupant classification system control unit
- Air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to DLK-103, "LH : Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529278

DTC U1008-55

1.PERFORM CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

EXCEPT DTC U1008-55

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace malfunctioning harness and connector.

3.REPLACE OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

1. Replace seat cushion assembly. Refer to SE-66, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-165, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-165, "DTC Description".

Is DTC detected?

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

U1032 CHASSIS CAN COMMUNICATION

DTC Description

INFOID:0000000013529279

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
U1032	88	Chassis CAN Bus (Chassis CAN Bus)	[BUS OFF]	Diagnosis condition	Ignition switch ON
				Signal (terminal)	—
				Threshold	Air bag diagnosis sensor unit cannot receives CAN signal
				Diagnosis delay time	—

POSSIBLE CAUSE

- CAN communication
- Air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-167, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529280

1.CHECK CAN COMMUNICATION SYSTEM DIAGNOSIS

Perform the trouble diagnosis for CAN communication system. Refer to LAN-58, "Trouble Diagnosis Flow Chart".

Is the inspection result normal?

YES >> Replace Air bag diagnosis sensor unit. Refer to SR-41, "Removal and Installation".
NO >> Replace malfunctioning harness and connector.

U1110 VEHICLE SPEED SIGNAL

DTC Description

INFOID:0000000013529281

DTC DETECTION LOGIC

DTC		CONSULT screen items		DTC detecting condition	
		(Trouble diagnosis content)	[Malfunction type]		
U1110	00	VEHICLE SPEED SIGNAL (VEHICLE SPEED SIGNAL)	[NO SUBTYPE INFO]	Diagnosis condition	CAN communication: active
				Signal (terminal)	—
				Threshold	Combination meter does not transmit signal on the CAN communication.
				Diagnosis delay time	—

POSSIBLE CAUSE

- CAN communication
- Combination meter

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-168, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529282

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace malfunctioning harness and connector.

3.REPLACE COMBINATION METER

1. Replace combination meter. Refer to MWI-155, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-168, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-168, "DTC Description".

Is DTC detected?

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

U1175 CAN COMMUNICATION SYSTEM (ELECTRONIC IGNITION SWITCH CONTROL UNIT)

DTC Description

INFOID:0000000013529283

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
U1175	00	Circuit 15 signal (Circuit 15 signal)	[NO SUBTYPE INFO]	Diagnosis condition	CAN communication: active
				Signal (terminal)	—
				Threshold	Electronic ignition switch control unit does not transmit signal on the CAN communication.
				Diagnosis delay time	—

POSSIBLE CAUSE

- CAN communication
- Electronic ignition switch control unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-170, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529284

1.CHECK HARNESS CONNECTOR

Check the harness connector for disconnection, looseness or damage.

Is the inspection result normal?

YES >> GO TO 2.
NO–1 >> Damage: Replace malfunctioning harness and connector.
NO–2 >> Disconnection or looseness: Securely lock the connector.

2.CHECK WIRING HARNESS

Check the wiring harness externals.

Is the inspection result normal?

YES >> GO TO 3.
NO >> Replace malfunctioning harness and connector.

3.REPLACE ELECTRONIC IGNITION SWITCH CONTROL UNIT

1. Replace electronic ignition switch control unit. Refer to PCS-47, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-170, "DTC Description".

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-41, "Removal and Installation".
2. Perform DTC confirmation procedure. Refer to SRC-170, "DTC Description".

Is DTC detected?

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

U1606 AIR BAG DIAGNOSIS SENSER UNIT

DTC Description

INFOID:0000000013529285

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
U1606	00	Record data 1 (Record data 1)	[NO SUBTYPE INFO]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-172, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529286

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 CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END

U1607 AIR BAG DIAGNOSIS SENSER UNIT

DTC Description

INFOID:0000000013529287

DTC DETECTION LOGIC

DTC		CONSULT screen items (Trouble diagnosis content)	CONSULT screen items [Malfunction type]	DTC detecting condition	
U1607	00	Record data 1 (Record data 1)	[NO SUBTYPE INFO]	Diagnosis condition	When ignition switch is ON.
				Signal (terminal)	—
				Threshold	When no data are stored in the air bag diagnosis sensor unit
				Diagnosis delay time	2.5 sec.

POSSIBLE CAUSE

Incomplete of configuration for air bag diagnosis sensor unit

FAIL-SAFE

—

DTC CONFIRMATION PROCEDURE

1.PERFORM DTC CONFIRMATION PROCEDURE

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

Is malfunctioning part detected?

YES >> Refer to SRC-173, "Diagnosis Procedure".
NO-1 >> To check malfunction symptom before repair: Refer to GI-56, "Intermittent Incident".
NO-2 >> Confirmation after repair: INSPECTION END

Diagnosis Procedure

INFOID:0000000013529288

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 CONFIGURATION

Perform configuration. Refer to SRC-58, "Work Procedure".

>> INSPECTION END