SRS AIRBAG CONTROL SYSTEM

 D

Е

CONTENTS

BASIC INSPECTION3	Description16	
DIA CNOCIC AND DEDAID WORK ELOW	DTC Logic16	
DIAGNOSIS AND REPAIR WORK FLOW 3 Work Flow	Diagnosis Procedure17	
WOIK Flow3	B1065 - B1068, B1070 - B1073 PASSEN-	G
INTERMITTENT INCIDENT5	GER AIRBAG MODULE19	ļ
Inspection Procedure5	Description19	
Trouble Diagnosis with CONSULT5	DTC Logic19	
SYSTEM DESCRIPTION6	Diagnosis Procedure20	
OTOTEM DEGGTAN TION INMINIMINION	B1134 – B1137 SIDE AIRBAG MODULE LH22	,
SRS AIR BAG SYSTEM6	Description	
SRS Configuration6	DTC Logic	
SRS Component Parts Location7	Diagnosis Procedure22	,
Driver Air Bag Module7		J
Front Passenger Air Bag Module8	B1129 – B1132 SIDE AIRBAG MODULE RH25	1
Front Side Air Bag8	Description25	
Side Curtain Air Bag8	DTC Logic25	
Front Seat Belt Pre-tensioner8	Diagnosis Procedure25	1
SRS Component Connectors9	B1150 – B1153 SIDE CURTAIN AIR BAG	
OCCUPANT CLASSIFICATION SYSTEM10	MODULE LH28	L
System Diagram10		
Occupant Classification System (OCS)10	Description28 DTC Logic28	
• • • • •	Diagnosis Procedure28	
PASSENGER SEAT BELT WARNING SYS-	Diagnosis i rocedure20	
TEM11	B1145 – B1148 SIDE CURTAIN AIR BAG	
System Diagram11	MODULE RH31	Ν
System Description11	Description31	IN
Component Parts Location11	DTC Logic31	
ON BOARD DIACNOSTIC (ORD) SYSTEM	Diagnosis Procedure31	
ON BOARD DIAGNOSTIC (OBD) SYSTEM12	DAGGE DAGGE OF AT DELT DDE TENGLON	0
Trouble Diagnosis Introduction	B1086 – B1089 SEAT BELT PRE-TENSION-	
Trouble Diagnosis without CONSULT14	ER LH34	
CONSULT Function (AIR BAG)14	Description34	
Self-Diagnosis Function (Without CONSULT)14	DTC Logic34	
Self-Diagnosis i unction (Without CONSOLT) 14	Diagnosis Procedure34	
DTC/CIRCUIT DIAGNOSIS16	B1081 – B1084 SEAT BELT PRE-TENSION-	
D1040 _ D1052 D1054 _ D4057 DDIVED AID	ER RH37	
B1049 – B1052, B1054 – B1057 DRIVER AIR-	Description37	
BAG MODULE16	DTC Logic 37	

Diagnosis Procedure	37	Description	
B1033 - B1035 CRASH ZONE SENSOR	40	DTC Logic	
		Diagnosis Procedure	53
Description		ECU DIAGNOSIS INFORMATION	E A
DTC Logic Diagnosis Procedure	4 0	LCU DIAGNOSIS INI ORMATION	54
Diagnosis i locedule	40	DIAGNOSIS SENSOR UNIT	54
B1118 - B1120 SATELLITE SENSOR LH	42	Trouble Diagnosis with CONSULT	
Description	42	Trouble Diagnosis without CONSULT	
DTC Logic	42	-	
Diagnosis Procedure	42	WIRING DIAGRAM	60
B1113 – B1115 SATELLITE SENSOR RH	4.4	SRS AIR BAG CONTROL SYSTEM	60
Description		Wiring Diagram - For Mexico	
DTC Logic		Wiring Diagram - Except Mexico	
Diagnosis Procedure		Willing Blagfam Except Wexido	70
Diagnosis i rocedure	++	SYMPTOM DIAGNOSIS	80
B1XXX AIR BAG DIAGNOSIS SENSOR UNIT.	46		
Description	46	SRS AIR BAG SYSTEM	
DTC Logic		"AIR BAG" Warning Lamp Does Not Turn Off	
Diagnosis Procedure	46	"AIR BAG" Warning Lamp Does Not Turn On	80
B1023 PASSENGER AIR BAG OFF INDICA-		PASSENGER SEAT BELT WARNING SYS-	
TOR	48	TEM	82
Description		Seat Belt Warning System Does Not Function	
DTC Logic			
Diagnosis Procedure		PRECAUTION	83
•		PRECAUTIONS	83
B1017 – B1022 OCCUPANT CLASSIFICA-		Precaution for Supplemental Restraint System	03
TION SYSTEM		(SRS) "AIR BAG" and "SEAT BELT PRE-TEN-	
Description		SIONER"	ผว
DTC Logic	50	Precaution for SRS "AIR BAG" and "SEAT BELT	
Diagnosis Procedure	51	PRE-TENSIONER" Service	
B1209 - B1210 COLLISION DETECTION	5 2	Occupant Classification System Precaution	
DIZUG - DIZIU COLLISION DETECTION	၁၁	2 22 april 2 december 2 years 1 2 december 1 min	

DIAGNOSIS AND REPAIR WORK FLOW

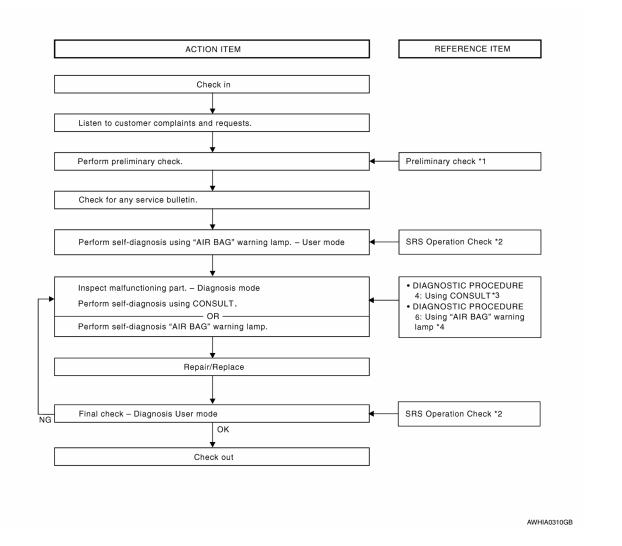
< BASIC INSPECTION >

BASIC INSPECTION

DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

OVERALL SEQUENCE



- *1 SRC-12, "Trouble Diagnosis Introduction"
- *4 SRC-14, "Self-Diagnosis Function (Without CONSULT)"
- *2 SRC-12, "SRS Operation Check"
- *3 SRC-5, "Trouble Diagnosis with CONSULT"

Ν

0

Α

D

Е

SRC

DETAILED WORK FLOW

1.CUSTOMER INFORMATION

Get detailed information from the customer about the symptom.

>> GO TO 2

2. PRELIMINARY CHECK

Perform preliminary check. Refer to SRC-12, "Trouble Diagnosis Introduction".

Revision: August 2013 SRC-3 2014 Maxima NAM

DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

>> GO TO 3

3. TECHNICAL SERVICE BULLETINS

Check for technical service bulletins.

>> GO TO 4

4. USER MODE

Perform self-diagnosis using the "AIR BAG" warning lamp in User mode. Refer to <u>SRC-12, "SRS Operation Check"</u>.

>> GO TO 5

5. SELF-DIAGNOSIS

Perform SELF-DIAGNOSIS. Refer to <u>SRC-5</u>, "<u>Trouble Diagnosis with CONSULT</u>" (with CONSULT) or <u>SRC-14</u>, "<u>Self-Diagnosis Function</u> (Without CONSULT)" (without CONSULT).

>> GO TO 6

6.REPLACE PART

Replace the malfunctioning part.

>> GO TO 7

7.FINAL CHECK

Check SRS using Diagnosis mode and User mode.

Does Diagnosis mode and User mode indicate SRS normal?

YES >> Inspection End.

NO >> GO TO 5

INTERMITTENT INCIDENT

< BASIC INSPECTION >

INTERMITTENT INCIDENT

Inspection Procedure

INFOID:0000000009466472

Α

В

D

Е

F

INTERMITTENT TROUBLE

An intermittent incident may have occured in the past but is not being detected currently. This DTC will not be detected on SELF DIAG [CURRENT], but may be viewed on SELF DIAG [PAST] using CONSULT.

Trouble Diagnosis with CONSULT

INFOID:0000000009466473

DIAGNOSTIC PROCEDURE 4

Check SRS Repair History

Yes

1. CONSIDER POSSIBILITY THAT SELF-DIAGNOSTIC RESULT WAS NOT ERASED AFTER REPAIR

Check repair history of the SRS.

Have any previous repairs been made to the SRS?

>> Self-diagnostic result "SELF-DIAG [PAST]" (previously stored in the memory) might not be erased after repair. Proceed to "DIAGNOSTIC PROCEDURE 3". Refer to SRC-14, "Self-Diagnosis Function (Without CONSULT)".

No >> Proceed to "DIAGNOSTIC PROCEDURE 2". Refer to SRC-12, "SRS Operation Check".

SRC

K

L

M

Ν

0

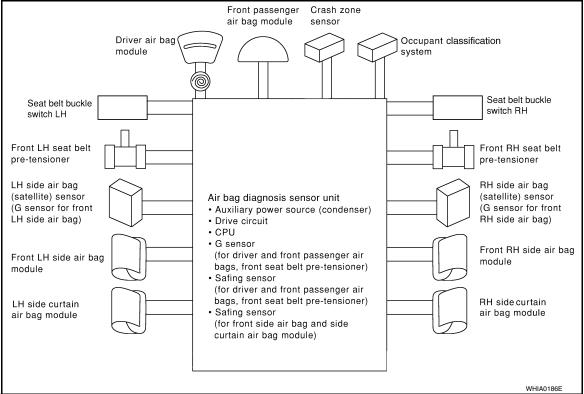
Р

SYSTEM DESCRIPTION

SRS AIR BAG SYSTEM

SRS Configuration

INFOID:0000000009466474



The air bag deploys if the air bag diagnosis sensor unit is activated while the ignition switch is in the ON or START position.

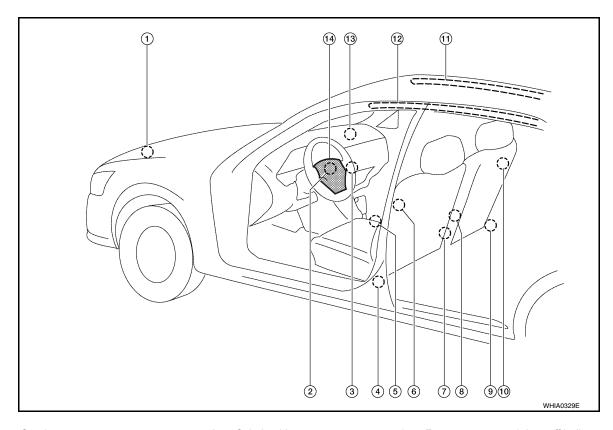
The collision modes for which supplemental restraint systems are activated are different among the SRS systems. For example, the driver air bag module, front passenger air bag module and front seat belt pre-tensioners are activated in a frontal collision but not in a side collision.

SRS configurations for some collision modes are as follows:

SRS configuration	Frontal collision	Left side collision	Right side collision
Driver air bag module	×	_	_
Front passenger air bag module	×	_	_
Front LH seat belt pre-tensioner	×	_	_
Front RH seat belt pre-tensioner	×	_	_
Front LH side air bag module	_	×	_
Front RH side air bag module	_	_	×
LH side curtain air bag module	_	×	_
RH side curtain air bag module	_	_	×

SRS Component Parts Location

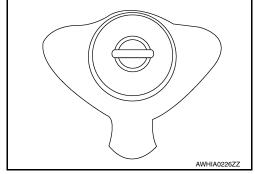
INFOID:0000000009466475



- Crash zone sensor
- Front LH seatbelt pre-tensioner LH side air bag (satellite) sensor
- 7. Seat belt buckle switch (LH) Seat belt buckle switch (RH)
- 10. Front RH side air bag module
- 13. Front passenger air bag module
- 2. Spiral cable
- 5. Air bag diagnosis sensor unit
- Occupant classification system 9. control unit and sensor mat
- RH side curtain air bag module 12. LH side curtain air bag module
- 14. Driver air bag module
- 3. Front passenger air bag off indicator
- 6. Front LH side air bag module
- Front RH seatbelt pre-tensioner RH side air bag (satellite) sensor

Driver Air Bag Module

The driver air bag module is dual stage and located in the steering wheel assembly. It operates with the SRS system in a frontal collision exceeding a specified level.



В

Α

D

Е

SRC

K

INFOID:0000000009466476

Ν

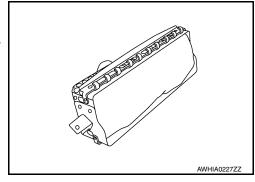
M

Р

Front Passenger Air Bag Module

INFOID:0000000009466477

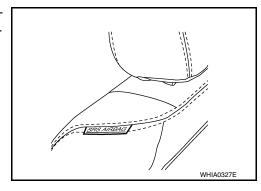
The front passenger air bag module is located behind the instrument panel assembly. It operates with the SRS system in a frontal collision exceeding a specified level. Refer to SRC-10, "Occupant Classification System (OCS)" for more information.



INFOID:0000000009466478

Front Side Air Bag

Front side air bag modules are built into the front seatback assemblies. Vehicles with side air bags are equipped with labels as shown.



INFOID:0000000009466479

Side Curtain Air Bag

Side curtain air bag modules are located above the vehicle headlining. Vehicles with side curtain air bags are equipped with labels as shown.



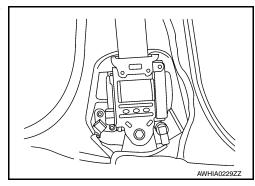
INFOID:0000000009466480

Front Seat Belt Pre-tensioner

The seat belt pre-tensioner system with load limiter is installed for both the driver's seat and the front passenger's seat. It operates simultaneously with the SRS air bag system in the event of a frontal collision with an impact exceeding a specified level.

When the frontal collision with an impact exceeding a specified level occurs, seat belt slack resulting from clothing or other factors is immediately taken up by the pre-tensioner. Vehicle passengers are securely restrained.

When passengers in a vehicle are thrown forward in a collision and the restraining force of the seat belt exceeds a specified level, the load limiter permits the specified extension of the seat belt by the twisting of the ELR shaft, and a relaxation of the chest-area seat belt web tension while maintaining force.



SRS AIR BAG SYSTEM

< SYSTEM DESCRIPTION >

SRS Component Connectors

INFOID:0000000009466481

Α

В

D

Е

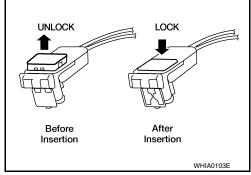
DIRECT CONNECT

The following SRS components use direct-connect style harness connectors.

- · Driver front air bag module
- Passenger front air bag module
- · LH side curtain air bag module
- · RH side curtain air bag module
- · Front LH seat belt pre-tensioner
- · Front RH seat belt pre-tensioner

Always pull up to release locking tab prior to removing connector from SRS component.

Always push down to lock locking tab after installing connector to SRS component. When locked, the locking tab is level with the connector housing.

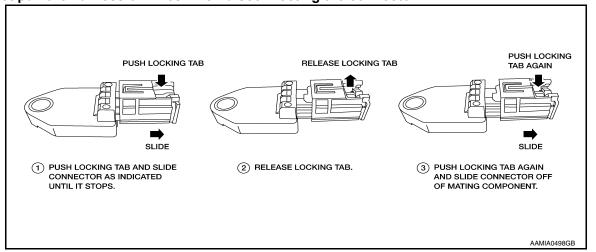


SLIDE DOUBLE LOCKING

- A new style slide double locking type connector is used on certain systems and components, especially those related to airbag control systems.
- The slide double locking type connectors help prevent incomplete locking and accidental looseness or disconnection.
- The slide double locking type connectors are disconnected by pushing or pulling the slider. Refer to the figure below.

CAUTION:

Do not pull the harness or wires when disconnecting the connector.



SRC

K

L

M

Ν

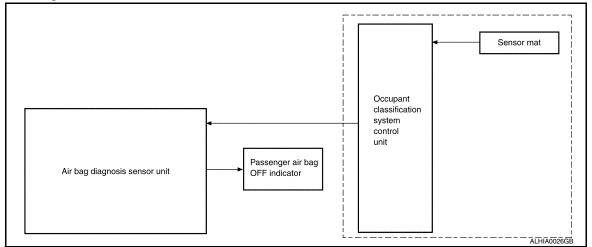
0

Р

OCCUPANT CLASSIFICATION SYSTEM

System Diagram

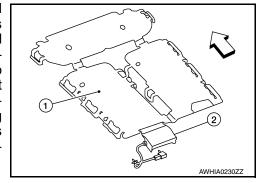
INFOID:0000000009466482



Occupant Classification System (OCS)

INFOID:0000000009466483

The occupant classification system (OCS) identifies if a child or child seat is present in the front passenger seat. The OCS receives inputs from the occupant classification sensor mat (1) which is located inside the passenger seat cushion assembly. Depending on classification of the passenger, the OCS control unit (2) sends a signal to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit uses this signal and the seat belt buckle switch RH signal to determine deployment or non-deployment of the front passenger air bag module in the event of a collision. Depending on the signals received, the air bag diagnosis sensor unit can disable the front passenger air bag module completely.



NOTE:

In case of customer concern, CONSULT can be used to confirm the front passenger air bag status (readiness).

Front Passenger Air Bag Status Conditions

Tronk r assenger 7 in bag clatas con	iaitionio		
Front Passenger Seat (Condition)	PASS AIR BAG OFF Indicator (Status)	Front Passenger Air Bag Status (Readiness)	CONSULT Display
Seat occupied	OFF	Active (enabled)	ON
Seat occupied NOTE	ON	Deactivated (disabled)	OFF
Seat empty	OFF	Deactivated (disabled)	OFF

NOTE:

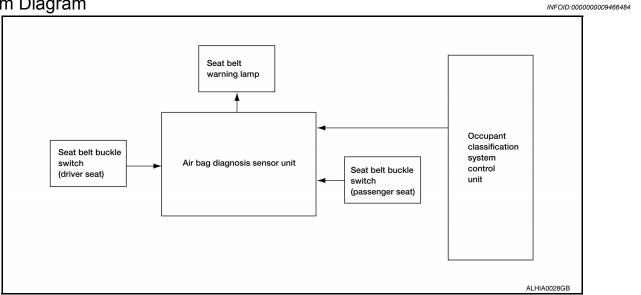
Passenger does not meet Occupant Classification System specifications for passenger air bag activation.

PASSENGER SEAT BELT WARNING SYSTEM

< SYSTEM DESCRIPTION >

PASSENGER SEAT BELT WARNING SYSTEM

System Diagram



System Description

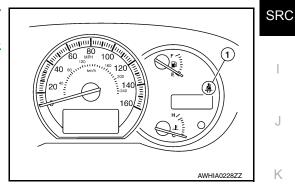
INFOID:0000000009466485

Α

В

D

The seat belt warning lamp (1) will remind the driver if the driver or front passenger seat belt should be buckled. The system works in conjunction with the occupant classification system. Refer to SRC-10, "Occupant Classification System (OCS)".



Passenger Seat Belt Warning System Operation

Driver seat status (Ignition switch ON)	Passenger seat status	Seat belt buckle switch LH status	Seat belt buckle switch RH status	Seat belt warning lamp
Seat occupied	Continuousind		Buckled	Off
	Seat occupied	Buckled	Unbuckled	On
	Seat unoccupied	-		Off
	_	Unbuckled	_	On

Component Parts Location

INFOID:0000000009466486

Refer to SRC-7, "SRS Component Parts Location".

Р

Ν

Revision: August 2013 SRC-11 2014 Maxima NAM

< SYSTEM DESCRIPTION >

ON BOARD DIAGNOSTIC (OBD) SYSTEM

Trouble Diagnosis Introduction

INFOID:0000000009466487

CAUTION:

- Do not use electrical test equipment on any circuit related to the SRS unless instructed to do so in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harness connectors
- Do not attempt to repair, splice or modify SRS wiring harnesses. If a harness is damaged, replace it with a new one.
- Keep ground connections clean.

DIAGNOSIS FUNCTION

The SRS self-diagnosis results can be read by using "AIR BAG" warning lamp and/or CONSULT.

The User mode is exclusively prepared for the customer (driver). This mode warns the driver of a system malfunction through the operation of the "AIR BAG" warning lamp.

The Diagnosis mode allows the technician to locate and inspect the malfunctioning part.

The mode applications for the "AIR BAG" warning lamp and CONSULT are as follows:

	User mode	Diagnosis mode	Display type
"AIR BAG" warning lamp	X	X	ON-OFF operation
CONSULT	_	X	Monitoring

HOW TO PERFORM TROUBLE DIAGNOSES FOR QUICK AND ACCURATE REPAIR

A good understanding of the malfunction conditions can make troubleshooting faster and more accurate. In general, each customer feels differently about a malfunction. It is important to fully understand the symptoms or conditions for a customer complaint.

Information From Customer

WHAT - Vehicle model

WHEN - Date, Frequencies

WHERE - Road conditions

HOW - Operating conditions, Symptoms

Preliminary Check

Check that the following parts are in good order.

- Battery
- Fuse
- System component-to-harness connections

SRS Operation Check

INFOID:0000000009466488

DIAGNOSTIC PROCEDURE 1

Checking SRS Operation Using "AIR BAG" Warning Lamp—User Mode

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



Α

В

D

Е

F

SRC

Ν

Р

< SYSTEM DESCRIPTION >

'AIR BAG" warning lamp (User mode)	SRS condition	Reference item
ON OFF 7 Sec.	No malfunction is detected.No further action is necessary.	_
ON OFF 7 sec. 0.5 sec. 0.5 sec. SHIA0012E	The system is malfunctioning and needs to be repaired as indicated.	Proceed to DIAGNOSTIC PROCE- DURE 2 that follows (with CON- SULT) or <u>SRC-14</u> , "Trouble <u>Diagnosis without CONSULT"</u> (with- out CONSULT).
IGN ON	 Air bag is deployed. Seat belt pre-tensioner is deployed.	Proceed to COLLISION DIAGNO- SIS SR-5, "FOR USA AND CANA- DA: For Frontal Collision" or SR-7, "FOR USA AND CANADA: For Side and Rollover Collision".
ON OFF SHIA0013E	 Air bag diagnosis sensor unit is malfunctioning. Air bag power supply circuit is malfunctioning. SRS air bag warning lamp circuit is malfunctioning. 	Refer to SRC-80, ""AIR BAG" Warning Lamp Does Not Turn Off".
IGN ON ON OFF	 Air bag diagnosis sensor unit is malfunctioning. Air bag warning lamp circuit is malfunctioning. 	Refer to SRC-80, ""AIR BAG" Warning Lamp Does Not Turn On".

DIAGNOSTIC PROCEDURE 2

- 1. Connect CONSULT.
- Diagnostic code is displayed on "SELF-DIAG [CURRENT]".
 If no malfunction is detected on "SELF-DIAG [CURRENT]", but malfunction is detected in "SRS Operation Check" using the "AIR BAG" warning lamp, the following cases may exist:
 - "SELF-DIAG [PAST]" memory might not be erased.
 - The SRS system malfunctions intermittently. Perform DIAGNOSTIC PROCEDURE 4. Refer to <u>SRC-14, "Self-Diagnosis Function (Without CON-SULT)"</u>.

< SYSTEM DESCRIPTION >

Trouble Diagnosis without CONSULT

INFOID:0000000009466489

DIAGNOSTIC PROCEDURE 6

Inspect SRS Malfunction Using "AIR BAG" Warning Lamp—Diagnosis Mode **NOTE:**

SRS will not enter Diagnosis mode if no malfunction is detected in User mode.

- 1. Turn ignition switch ON.
- 2. After "AIR BAG" warning lamp lights for 7 seconds, turn ignition switch OFF within 1 second.
- Wait more than 3 seconds.
- 4. Repeat steps 1 to 3 two more times (3 times total).
- 5. Turn ignition switch ON.

SRS is now in Diagnosis mode. Refer to SRC-56, "Trouble Diagnosis without CONSULT".

CONSULT Function (AIR BAG)

INFOID:0000000009466490

CONSULT can display each diagnostic item using the diagnostic test modes shown.

AIR BAG diagnostic mode	Description
SELF-DIAG [CURRENT]	A current Self-diagnosis result (also indicated by the number of warning lamp flashes in the Diagnosis mode) is displayed on the CONSULT screen in real time. This refers to a malfunctioning part requiring repairs.
SELF-DIAG [PAST]	Diagnosis results previously stored in the memory are displayed on the CONSULT screen. The stored results will remain until memory erasing is executed.
TROUBLE DIAG RECORD	With TROUBLE DIAG RECORD, diagnosis results previously erased by a reset operation can be displayed on the CONSULT screen.
ECU DISCRIMINATED NO.	Air bag diagnosis sensor unit ECU discriminated number (identification number) or part number is displayed. Air bag diagnosis sensor unit has individual ECU discriminated number (identification number) or part number based on model and equipment.
PASSENGER AIR BAG	The STATUS (readiness) of the front passenger air bag module is displayed. The STATUS displayed (ON/OFF) depends on the signals supplied to the occupant classification system control unit and air bag diagnosis sensor unit. Refer to SRC-10 , "Occupant Classification System (OCS)" for more information.

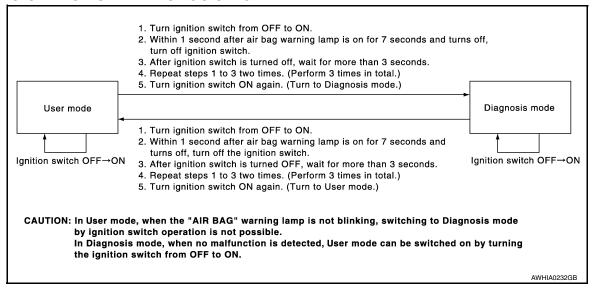
Self-Diagnosis Function (Without CONSULT)

NFOID:000000000946649

- The reading of these results is accomplished using one of two modes —"User mode" and "Diagnosis mode".
- After a malfunction is repaired, turn the ignition switch OFF for at least one second, then back ON. Diagnosis
 mode returns to the User mode. At that time, the self-diagnostic result is cleared.

< SYSTEM DESCRIPTION >

HOW TO CHANGE SELF-DIAGNOSIS MODE



DIAGNOSTIC PROCEDURE 3

Final Check of SRS Using CONSULT - Diagnosis Mode

- 1. Connect CONSULT.
- If no DTC is detected on "SELF-DIAG [CURRENT]", repair of SRS is completed. Go to step 3.
 If any DTC is detected on "SELF-DIAG [CURRENT]", the malfunctioning part has not been repaired completely or another malfunctioning part is being detected. Perform DIAGNOSTIC PROCEDURE 2. Refer to SRC-12, "SRS Operation Check".

Touch "ERASE".

NOTE:

Touch "ERASE" to clear the memory of the malfunction ("SELF-DIAG [PAST]").

If the memory of the malfunction in "SELF-DIAG [PAST]" is not erased, the User mode shows the system malfunction by the operation of the warning lamp even if the malfunction is repaired completely.

- 4. Touch "BACK" key of CONSULT. Touch "SELF-DIAG [PAST]".
- Check that no malfunction is detected on "SELF-DIAG [PAST]".
- 6. Touch "BACK" key of CONSULT to return to User mode from Diagnosis mode.
- Turn ignition switch OFF and then turn off and disconnect CONSULT.
- 8. Go to SRC-12, "SRS Operation Check".

DIAGNOSTIC PROCEDURE 4

Check SRS Repair History

1.consider possibility that self-diagnostic result was not erased after repair

Check repair history of the SRS.

Have any previous repairs been made to the SRS?

Yes >> Self-diagnostic result "SELF-DIAG [PAST]" (previously stored in the memory) might not be erased after repair. Perform DIAGNOSTIC PROCEDURE 3. Refer to SRC-14, "Self-Diagnosis Function (Without CONSULT)".

No >> Perform DIAGNOSTIC PROCEDURE 2. Refer to SRC-12, "SRS Operation Check".

SRC

Α

D

Е

K

L

1

Ν

Р

B1049 - B1052, B1054 - B1057 DRIVER AIRBAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

DTC/CIRCUIT DIAGNOSIS

B1049 - B1052, B1054 - B1057 DRIVER AIRBAG MODULE

Description INFOID:000000009466492

DTC B1049 - B1052, B1054 - B1057 DRIVER AIRBAG MODULE

The driver air bag module is dual stage and wired to the air bag diagnosis sensor unit through the spiral cable. The air bag diagnosis sensor unit will monitor for opens and shorts in detected lines to the driver air bag module including the spiral cable.

PART LOCATION

Refer to SRC-7, "SRS Component Parts Location".

DTC Logic

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order	
DRIVER AIRBAG MODULE	B1049	Driver air bag module circuit (DR1) is open (including the spiral cable).	2.	Visually check the wiring harness connection. Replace the harness if it has visible damage.
[OPEN]	B1054	Driver air bag module circuit (DR2) is open (including the spiral cable).	3. 4. 5.	Inspect spiral cable circuit. Replace the air bag diagnosis sensor unit. Replace the driver air bag module.
DRIVER AIRBAG MODULE [VB-SHORT]	B1050	Driver air bag module circuit (DR1) is shorted to a power supply circuit (including the spiral cable).	6.	Replace the related harness.
	B1055	Driver air bag module circuit (DR2) is shorted to a power supply circuit (including the spiral cable).		
DRIVER AIRBAG MODULE [GND-SHORT]	B1051	Driver air bag module circuit (DR1) is shorted to ground (including the spiral cable).		
	B1056	Driver air bag module circuit (DR2) is shorted to ground (including the spiral cable).		
DRIVER AIRBAG MODULE [SHORT]	B1052	Driver air bag module circuits (DR1) are shorted to each other (including the spiral cable).		
	B1057	Driver air bag module circuits (DR2) are shorted to each other (including the spiral cable).		

DTC CONFIRMATION PROCEDURE (With CONSULT)

1. CHECK SELF-DIAG RESULT

- 1. Turn ignition switch ON.
- 2. Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-17, "Diagnosis Procedure".

YES (Past DTC)>>GO TO 2.

NO >> Inspection End.

2.ERASE SELF-DIAG RESULT

Erase the DTC using CONSULT.

Can the DTC be erased?

Revision: August 2013 SRC-16 2014 Maxima NAM

B1049 - B1052, B1054 - B1057 DRIVER AIRBAG MODULE

< DTC/CIRCUIT DIAGNOSIS > YES >> Inspection End. NO >> Refer to SRC-17, "Diagnosis Procedure". Α DTC CONFIRMATION PROCEDURE (Without CONSULT) 1.CHECK SELF-DIAG RESULT В Turn ignition switch ON. Check the air bag warning lamp status. Refer to SRC-14, "Trouble Diagnosis without CONSULT". NOTE: SRS will not enter diagnosis mode if no malfunction is detected in user mode. Is the DTC detected? YES >> Refer to SRC-17, "Diagnosis Procedure". D >> Inspection End. NO Diagnosis Procedure INFOID:0000000009466494 Е 1. HARNESS CONNECTOR Visually inspect all applicable harness connectors for the following: Visible damage to connector or terminal Loose terminal · Poor connection NOTE: All harness connectors should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors). Is the inspection result normal? SRC YES >> GO TO 2. >> Perform one of the following repairs: NO Visible damage: Replace the harness. · Loose terminal: Secure the terminal. · Poor connection: Secure the connection. 2.confirm ${ t dtc}$ Reconnect all harness connectors. Turn ignition switch ON. Check for DTC using CONSULT. Is DTC still current? YES >> GO TO 3. >> Refer to GI-41, "Intermittent Incident". NO 3.WIRING HARNESS Check the wiring harness for visible damage. M NOTE: The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors). Is the inspection result normal? Ν YFS >> GO TO 4. NO >> Replace the harness. 4. CHECK SPIRAL CABLE CIRCUIT 0 Turn ignition switch OFF. 2. Disconnect driver air bag module connector and combination switch (spiral cable) connector. Check continuity between driver air bag module harness connector and combination switch (spiral cable) harness connector.

B1049 - B1052, B1054 - B1057 DRIVER AIRBAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

Driver air bag module		Combination switch (spiral cable)		Continuity
Connector	Terminal	Connector	Terminal	Continuity
M105	1	M29	28	YES
IVITUS	2		30	
M106	3		29	
	4		30	

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

Driver air bag module			Continuity
Connector	Terminal		Continuity
M105	1	- Ground	NO
MTUS	2		
M106	3		NO
	4		

Is the inspection result normal?

YES >> GO TO 4

NO >> Replace combination switch (spiral cable). Refer to <u>SR-15</u>, "Removal and Installation".

5.CONFIRM DTC

- 1. Reconnect all harness connectors.
- 2. Turn ignition switch ON.
- 3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 6.

NO >> Refer to GI-41, "Intermittent Incident".

6. AIR BAG DIAGNOSIS SENSOR UNIT

- Replace the air bag diagnosis sensor unit. Refer to <u>SR-31, "Removal and Installation"</u>.
- 2. Turn ignition switch ON.
- 3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 7.

NO >> Clear DTC. Inspection End.

7.FRONT DRIVER AIR BAG MODULE

- Replace the driver air bag module. Refer to SR-12, "Removal and Installation".
- 2. Turn ignition switch ON.
- 3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 8.

NO >> Clear DTC. Inspection End.

8. RELATED HARNESS

Replace the related harness.

>> END

B1065 - B1068, B1070 - B1073 PASSENGER AIRBAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

B1065 - B1068, B1070 - B1073 PASSENGER AIRBAG MODULE

Description INFOID:0000000009466495

Α

В

D

Е

SRC

K

M

Ν

Р

DTC B1065 - B1068, B1070 - B1073 PASSENGER AIR BAG MODULE

The passenger air bag module is dual stage and wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit will monitor for opens and shorts in detected lines to the passenger air bag module.

PART LOCATION

Refer to SRC-7, "SRS Component Parts Location".

DTC Logic

DTC DETECTION LOGIC

With CONSULT

					_		
CONSULT name	DTC	DTC detecting condition		Repair order			
ASSIST A/B MODULE	B1065	Front passenger air bag module circuit (AS1) is open.	2. Replace the harness if it has visible of		2. Replace the harness if it has vising 3. Replace the air bag diagnosis set 4. Replace the front passenger air	Visually check the wiring harness connection. Replace the harness if it has visible damage.	-
[OPEN]	B1070	Front passenger air bag module circuit (AS2) is open.	4. Replace the front passenger air b	4. Replace the front passenger air		4.	Replace the air bag diagnosis sensor unit. Replace the front passenger air bag module. Replace the related harness.
ASSIST A/B MODULE [VB-SHORT]	B1066	Front passenger air bag module circuit (AS1) is shorted to a power supply circuit.			9		
	B1071	Front passenger air bag module circuit (AS2) is shorted to a power supply circuit.					
ASSIST A/B MODULE [GND-SHORT]	B1067	Front passenger air bag module circuit (AS1) is shorted to ground.					
	B1072	Front passenger air bag module circuit (AS2) is shorted to ground.					
ASSIST A/B MODULE [SHORT]	B1068	Front passenger air bag module circuits (AS1) are shorted to each other.					
	B1073	Front passenger air bag module circuits (AS2) are shorted to each other.					

DTC CONFIRMATION PROCEDURE (With CONSULT)

1. CHECK SELF-DIAG RESULT

- 1. Turn ignition switch ON.
- Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-20, "Diagnosis Procedure".

YES (Past DTC)>>GO TO 2.

NO >> Inspection End.

2. ERASE SELF-DIAG RESULT

Erase the DTC using CONSULT.

Can the DTC be erased?

YES >> Inspection End.

NO >> Refer to SRC-20, "Diagnosis Procedure".

DTC CONFIRMATION PROCEDURE (Without CONSULT)

1. CHECK SELF-DIAG RESULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to <u>SRC-14, "Trouble Diagnosis without CONSULT"</u>.

NOTE:

Revision: August 2013 SRC-19 2014 Maxima NAM

B1065 - B1068, B1070 - B1073 PASSENGER AIRBAG MODULE

< DTC/CIRCUIT DIAGNOSIS >

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

Is the DTC detected?

YES >> Refer to SRC-20, "Diagnosis Procedure".

NO >> Inspection End.

Diagnosis Procedure

INFOID:0000000009466497

1. HARNESS CONNECTOR

Visually inspect all applicable harness connectors for the following:

- · Visible damage to connector or terminal
- Loose terminal
- · Poor connection

NOTE:

All harness connectors should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 2.

NO

- >> Perform one of the following repairs:
 - · Visible damage: Replace the harness.
 - · Loose terminal: Secure the terminal.
 - Poor connection: Secure the connection.

2.CONFIRM DTC

- Reconnect all harness connectors.
- 2. Turn ignition switch ON.
- 3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 3.

NO >> Refer to GI-41, "Intermittent Incident".

3.WIRING HARNESS

Check the wiring harness for visible damage.

NOTE:

The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace the harness.

4.CONFIRM DTC

- Reconnect all harness connectors.
- Turn ignition switch ON.
- 3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 5.

NO >> Refer to GI-41, "Intermittent Incident".

${f 5}.$ AIR BAG DIAGNOSIS SENSOR UNIT

- Replace the air bag diagnosis sensor unit. Refer to <u>SR-31, "Removal and Installation"</u>.
- 2. Turn ignition switch ON.
- Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 6.

NO >> Clear DTC. Inspection End.

$oldsymbol{6}.$ FRONT PASSENGER AIR BAG MODULE

- Replace the front passenger air bag module. Refer to SR-17, "Removal and Installation".
- 2. Turn ignition switch ON.

B1065 - B1068, B1070 - B1073 PASSENGER AIRBAG MODULE < DTC/CIRCUIT DIAGNOSIS > 3. Check for DTC using CONSULT. Α Is DTC still current? YES >> GO TO 7. >> Clear DTC. Inspection End. NO 7. RELATED HARNESS В Replace the related harness. C >> END D Е F G SRC Κ

L

M

Ν

0

Р

Revision: August 2013 SRC-21 2014 Maxima NAM

B1134 - B1137 SIDE AIRBAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1134 – B1137 SIDE AIRBAG MODULE LH

Description INFOID.000000009466498

DTC B1134 - B1137 FRONT LH SIDE AIR BAG MODULE

The front LH side air bag module is wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit will monitor for opens and shorts in detected lines to the front LH side air bag module.

PART LOCATION

Refer to SRC-7, "SRS Component Parts Location".

DTC Logic

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
SIDE MODULE LH [OPEN]	B1134	Front LH side air bag module circuit is open.	Visually check the wiring harness connection Replace the harness if it has visible damage
SIDE MODULE LH [VB-SHORT]	B1135	Front LH side air bag module circuit is shorted to a power supply circuit.	 Replace the air bag diagnosis sensor unit. Replace the front LH side air bag module. Replace the related harness.
SIDE MODULE LH [GND-SHORT]	B1136	Front LH side air bag module circuit is shorted to ground.	7
SIDE MODULE LH [SHORT]	B1137	Front LH side air bag module circuits are shorted to each other.	

DTC CONFIRMATION PROCEDURE (With CONSULT)

1. CHECK SELF-DIAG RESULT

- 1. Turn ignition switch ON.
- 2. Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-22, "Diagnosis Procedure".

YES (Past DTC)>>GO TO 2.

NO >> Inspection End.

2.erase self-diag result

Erase the DTC using CONSULT.

Can the DTC be erased?

YES >> Inspection End.

NO >> Refer to <u>SRC-22</u>, "<u>Diagnosis Procedure</u>".

DTC CONFIRMATION PROCEDURE (Without CONSULT)

1. CHECK SELF-DIAG RESULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to <u>SRC-14, "Trouble Diagnosis without CONSULT"</u>.

NOTE:

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

Is the DTC detected?

YES >> Refer to <u>SRC-22, "Diagnosis Procedure".</u>

NO >> Inspection End.

Diagnosis Procedure

1. HARNESS CONNECTOR

Revision: August 2013 SRC-22 2014 Maxima NAM

INFOID:0000000009466500

B1134 - B1137 SIDE AIRBAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

Replace the related harness.

Visually inspect all applicable harness connectors for the following: · Visible damage to connector or terminal Α Loose terminal Poor connection NOTE: All harness connectors should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors). Is the inspection result normal? YES >> GO TO 2. NO >> Perform one of the following repairs: · Visible damage: Replace the harness. Loose terminal: Secure the terminal. D Poor connection: Secure the connection. 2.CONFIRM DTC Reconnect all harness connectors. Turn ignition switch ON. Check for DTC using CONSULT. Is DTC still current? YES >> GO TO 3. NO >> Refer to GI-41, "Intermittent Incident". 3. WIRING HARNESS Check the wiring harness for visible damage. NOTE: **SRC** The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors). Is the inspection result normal? YES >> GO TO 4. NO >> Replace the harness. 4.CONFIRM DTC Reconnect all harness connectors. Turn ignition switch ON. Check for DTC using CONSULT. Is DTC still current? YES >> GO TO 5. NO >> Refer to GI-41, "Intermittent Incident". ${f 5.}$ AIR BAG DIAGNOSIS SENSOR UNIT Replace the air bag diagnosis sensor unit. Refer to SR-31, "Removal and Installation". 2. Turn ignition switch ON. Check for DTC using CONSULT. Is DTC still current? Ν YES >> GO TO 6. NO >> Clear DTC. Inspection End. **6.** SIDE AIR BAG MODULE LH Replace the side air bag module LH. Refer to SR-21, "Removal and Installation". Turn ignition switch ON. Check for DTC using CONSULT. Р Is DTC still current? YES >> GO TO 7. NO >> Clear DTC. Inspection End. 7. RELATED HARNESS

Revision: August 2013 SRC-23 2014 Maxima NAM

B1134 - B1137 SIDE AIRBAG MODULE LH

>> END

B1129 - B1132 SIDE AIRBAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1129 – B1132 SIDE AIRBAG MODULE RH

Description INFOID:000000009466501

DTC B1129 - B1132 FRONT RH SIDE AIR BAG MODULE

The front RH side air bag module is wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit will monitor for opens and shorts in detected lines to the front RH side air bag module.

PART LOCATION

Refer to SRC-7, "SRS Component Parts Location".

DTC Logic INFOID:0000000009466502

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
SIDE MODULE RH [OPEN]	B1129	Front RH side air bag module circuit is open.	 Visually check the wiring harness connection. Replace the harness if it has visible damage.
SIDE MODULE RH [VB-SHORT]	B1130	Front RH side air bag module circuit is shorted to a power supply circuit.	 Replace the air bag diagnosis sensor unit. Replace the front RH side air bag module. Replace the related harness.
SIDE MODULE RH [GND-SHORT]	B1131	Front RH side air bag module circuit is shorted to ground.	I STATE OF THE PROPERTY OF THE
SIDE MODULE RH [SHORT]	B1132	Front RH side air bag module circuits are shorted to each other.	

DTC CONFIRMATION PROCEDURE (With CONSULT)

1. CHECK SELF-DIAG RESULT

- Turn ignition switch ON.
- Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-25, "Diagnosis Procedure".

YES (Past DTC)>>GO TO 2.

>> Inspection End.

2.erase self-diag result

Erase the DTC using CONSULT.

Can the DTC be erased?

YES >> Inspection End.

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

DTC CONFIRMATION PROCEDURE (Without CONSULT)

1.CHECK SELF-DIAG RESULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to SRC-14, "Trouble Diagnosis without CONSULT". 2.

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

Is the DTC detected?

>> Refer to SRC-25, "Diagnosis Procedure". YES

NO >> Inspection End.

Diagnosis Procedure

1. HARNESS CONNECTOR

SRC-25 Revision: August 2013 2014 Maxima NAM SRC

Α

В

D

Е

K

L

Ν

Р

INFOID:0000000009466503

B1129 – B1132 SIDE AIRBAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

Visually inspect all applicable harness connectors for the following:

- Visible damage to connector or terminal
- Loose terminal
- Poor connection

NOTE:

All harness connectors should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 2.

NO

- >> Perform one of the following repairs:
 - Visible damage: Replace the harness.
 - · Loose terminal: Secure the terminal.
 - · Poor connection: Secure the connection.

2.CONFIRM DTC

- 1. Reconnect all harness connectors.
- 2. Turn ignition switch ON.
- 3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 3.

NO >> Refer to GI-41, "Intermittent Incident".

3. WIRING HARNESS

Check the wiring harness for visible damage.

NOTE:

The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace the harness.

4. CONFIRM DTC

- Reconnect all harness connectors.
- 2. Turn ignition switch ON.
- 3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 5.

NO >> Refer to GI-41, "Intermittent Incident".

${f 5.}$ AIR BAG DIAGNOSIS SENSOR UNIT

- 1. Replace the air bag diagnosis sensor unit. Refer to SR-31, "Removal and Installation".
- 2. Turn ignition switch ON.
- Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 6.

NO >> Clear DTC. Inspection End.

6.SIDE AIR BAG MODULE RH

- 1. Replace the side air bag module RH. Refer to SR-21, "Removal and Installation".
- Turn ignition switch ON.
- Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 7.

NO >> Clear DTC. Inspection End.

7. RELATED HARNESS

Replace the related harness.

B1129 - B1132 SIDE AIRBAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

>> END

Α

В

С

 D

Е

F

G

SRC

J

Κ

L

 \mathbb{N}

Ν

0

Р

B1150 - B1153 SIDE CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

B1150 - B1153 SIDE CURTAIN AIR BAG MODULE LH

Description INFOID:000000009466504

DTC B1150 - B1153 LH SIDE CURTAIN AIR BAG MODULE

The LH side curtain air bag module is wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit will monitor for opens and shorts in detected lines to the LH side curtain air bag module.

PART LOCATION

Refer to SRC-7, "SRS Component Parts Location".

DTC Logic

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition		Repair order
CURTAIN MODULE LH [OPEN]	B1150	LH side curtain air bag module circuit is open.	1. 2.	Visually check the wiring harness connection. Replace the harness if it has visible damage.
CURTAIN MODULE LH [VB-SHORT]	B1151	LH side curtain air bag module circuit is shorted to a power supply circuit.	3. 4. 5.	
CURTAIN MODULE LH [GND-SHORT]	B1152	LH side curtain air bag module circuit is shorted to ground.		
CURTAIN MODULE LH [SHORT]	B1153	LH side curtain air bag module circuits are shorted to each other.		

DTC CONFIRMATION PROCEDURE (With CONSULT)

1. CHECK SELF-DIAG RESULT

- 1. Turn ignition switch ON.
- 2. Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-28, "Diagnosis Procedure".

YES (Past DTC)>>GO TO 2.

NO >> Inspection End.

2.erase self-diag result

Erase the DTC using CONSULT.

Can the DTC be erased?

YES >> Inspection End.

NO >> Refer to <u>SRC-28</u>, "<u>Diagnosis Procedure</u>".

DTC CONFIRMATION PROCEDURE (Without CONSULT)

1. CHECK SELF-DIAG RESULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to <u>SRC-14, "Trouble Diagnosis without CONSULT"</u>.

NOTE:

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

Is the DTC detected?

YES >> Refer to <u>SRC-28</u>, "<u>Diagnosis Procedure</u>".

NO >> Inspection End.

Diagnosis Procedure

1. HARNESS CONNECTOR

Revision: August 2013 SRC-28 2014 Maxima NAM

INFOID:0000000009466506

B1150 – B1153 SIDE CURTAIN AIR BAG MODULE LH

< DTC/CIRCUIT DIAGNOSIS >

Replace the related harness.

Visually inspect all applicable harness connectors for the following: · Visible damage to connector or terminal Α Loose terminal Poor connection NOTE: All harness connectors should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors). Is the inspection result normal? YES >> GO TO 2. NO >> Perform one of the following repairs: · Visible damage: Replace the harness. Loose terminal: Secure the terminal. D Poor connection: Secure the connection. 2.CONFIRM DTC Reconnect all harness connectors. Turn ignition switch ON. Check for DTC using CONSULT. Is DTC still current? YES >> GO TO 3. NO >> Refer to GI-41, "Intermittent Incident". 3. WIRING HARNESS Check the wiring harness for visible damage. NOTE: **SRC** The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors). Is the inspection result normal? YES >> GO TO 4. NO >> Replace the harness. 4.CONFIRM DTC Reconnect all harness connectors. Turn ignition switch ON. Check for DTC using CONSULT. Is DTC still current? YES >> GO TO 5. NO >> Refer to GI-41, "Intermittent Incident". ${f 5.}$ AIR BAG DIAGNOSIS SENSOR UNIT Replace the air bag diagnosis sensor unit. Refer to SR-31, "Removal and Installation". 2. Turn ignition switch ON. Check for DTC using CONSULT. Is DTC still current? Ν YES >> GO TO 6. NO >> Clear DTC. Inspection End. **6.**SIDE CURTAIN AIR BAG MODULE LH Replace the side curtain air bag module LH. Refer to SR-19, "Removal and Installation". Turn ignition switch ON. Check for DTC using CONSULT. Р Is DTC still current? YES >> GO TO 7. NO >> Clear DTC. Inspection End. 7. $\mathsf{RELATED}$ HARNESS

Revision: August 2013 SRC-29 2014 Maxima NAM

B1150 - B1153 SIDE CURTAIN AIR BAG MODULE LH



>> END

B1145 - B1148 SIDE CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

B1145 – B1148 SIDE CURTAIN AIR BAG MODULE RH

Description INFOID:000000009466507

DTC B1145 - B1148 RH SIDE CURTAIN AIR BAG MODULE

The RH side curtain air bag module is wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit will monitor for opens and shorts in detected lines to the RH side curtain air bag module.

PART LOCATION

Refer to SRC-7, "SRS Component Parts Location".

DTC Logic INFOID:0000000009466508

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
CURTAIN MODULE RH [OPEN]	B1145	RH side curtain air bag module circuit is open.	 Visually check the wiring harness connection. Replace the harness if it has visible damage.
CURTAIN MODULE RH [VB-SHORT]	B1146	RH side curtain air bag module circuit is shorted to a power supply circuit.	 Replace the air bag diagnosis sensor unit. Replace the RH side curtain air bag module. Replace the related harness.
CURTAIN MODULE RH [GND-SHORT]	B1147	RH side curtain air bag module circuit is shorted to ground.	
CURTAIN MODULE RH [SHORT]	B1148	RH side curtain air bag module circuits are shorted to each other.	

DTC CONFIRMATION PROCEDURE (With CONSULT)

1. CHECK SELF-DIAG RESULT

- Turn ignition switch ON.
- Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-31, "Diagnosis Procedure".

YES (Past DTC)>>GO TO 2.

>> Inspection End.

2.erase self-diag result

Erase the DTC using CONSULT.

Can the DTC be erased?

YES >> Inspection End.

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

DTC CONFIRMATION PROCEDURE (Without CONSULT)

1.CHECK SELF-DIAG RESULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to SRC-14, "Trouble Diagnosis without CONSULT". 2.

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

Is the DTC detected?

>> Refer to SRC-31, "Diagnosis Procedure". YES

NO >> Inspection End.

Diagnosis Procedure

1. HARNESS CONNECTOR

SRC-31 Revision: August 2013 2014 Maxima NAM SRC

Α

В

D

Е

K

L

Ν

Р

INFOID:0000000009466509

B1145 - B1148 SIDE CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

Visually inspect all applicable harness connectors for the following:

- · Visible damage to connector or terminal
- Loose terminal
- Poor connection

NOTE:

All harness connectors should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 2.

NO

- >> Perform one of the following repairs:
 - · Visible damage: Replace the harness.
 - · Loose terminal: Secure the terminal.
 - · Poor connection: Secure the connection.

2.CONFIRM DTC

- Reconnect all harness connectors.
- 2. Turn ignition switch ON.
- 3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 3.

NO >> Refer to GI-41, "Intermittent Incident".

3. WIRING HARNESS

Check the wiring harness for visible damage.

NOTE:

The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace the harness.

4. CONFIRM DTC

- Reconnect all harness connectors.
- 2. Turn ignition switch ON.
- 3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 5.

NO >> Refer to GI-41, "Intermittent Incident".

${f 5.}$ AIR BAG DIAGNOSIS SENSOR UNIT

- Replace the air bag diagnosis sensor unit. Refer to <u>SR-31, "Removal and Installation"</u>.
- 2. Turn ignition switch ON.
- Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 6.

NO >> Clear DTC. Inspection End.

6.SIDE CURTAIN AIR BAG MODULE RH

- Replace the side curtain air bag module RH. Refer to <u>SR-19, "Removal and Installation"</u>.
- Turn ignition switch ON.
- Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 7.

NO >> Clear DTC. Inspection End.

7. RELATED HARNESS

Replace the related harness.

B1145 - B1148 SIDE CURTAIN AIR BAG MODULE RH

< DTC/CIRCUIT DIAGNOSIS >

>> END

Α

В

С

 D

Е

F

G

SRC

J

Κ

L

M

Ν

0

Р

B1086 - B1089 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

B1086 – B1089 SEAT BELT PRE-TENSIONER LH

Description INFOID:000000009466510

DTC B1086 - B1089 SEAT BELT PRE-TENSIONER LH

The seat belt pre-tensioner LH is wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit will monitor for opens and shorts in detected lines to the seat belt pre-tensioner LH.

PART LOCATION

Refer to SRC-7, "SRS Component Parts Location".

DTC Logic

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
PRE-TEN FRONT LH [OPEN]	B1086	LH seat belt pre-tensioner circuit is open.	 Visually check the wiring harness connection. Replace the harness if it has visible damage.
PRE-TEN FRONT LH [VB-SHORT]	B1087	LH seat belt pre-tensioner circuit is shorted to a power supply circuit.	 Replace the front LH seat belt pre-tensioner. Replace the air bag diagnosis sensor unit. Replace the related harness.
PRE-TEN FRONT LH [GND-SHORT]	B1088	LH seat belt pre-tensioner circuit is shorted to ground.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
PRE-TEN FRONT LH [SHORT]	B1089	LH seat belt pre-tensioner circuits are shorted to each other.	

DTC CONFIRMATION PROCEDURE (With CONSULT)

1. CHECK SELF-DIAG RESULT

- 1. Turn ignition switch ON.
- 2. Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-34, "Diagnosis Procedure".

YES (Past DTC)>>GO TO 2.

NO >> Inspection End.

2.erase self-diag result

Erase the DTC using CONSULT.

Can the DTC be erased?

YES >> Inspection End.

NO >> Refer to <u>SRC-34</u>, "<u>Diagnosis Procedure</u>".

DTC CONFIRMATION PROCEDURE (Without CONSULT)

1. CHECK SELF-DIAG RESULT

- 1. Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to <u>SRC-14, "Trouble Diagnosis without CONSULT"</u>.

NOTE:

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

Is the DTC detected?

YES >> Refer to <u>SRC-34, "Diagnosis Procedure"</u>.

NO >> Inspection End.

Diagnosis Procedure

1. HARNESS CONNECTOR

Revision: August 2013 SRC-34 2014 Maxima NAM

INFOID:0000000009466512

B1086 - B1089 SEAT BELT PRE-TENSIONER LH

< DTC/CIRCUIT DIAGNOSIS >

Replace the related harness.

Visually inspect all applicable harness connectors for the following: · Visible damage to connector or terminal Α Loose terminal Poor connection NOTE: All harness connectors should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors). Is the inspection result normal? YES >> GO TO 2. NO >> Perform one of the following repairs: · Visible damage: Replace the harness. Loose terminal: Secure the terminal. D Poor connection: Secure the connection. 2.CONFIRM DTC Reconnect all harness connectors. Turn ignition switch ON. Check for DTC using CONSULT. Is DTC still current? YES >> GO TO 3. NO >> Refer to GI-41, "Intermittent Incident". 3. WIRING HARNESS Check the wiring harness for visible damage. NOTE: **SRC** The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors). Is the inspection result normal? YES >> GO TO 4. NO >> Replace the harness. 4.CONFIRM DTC Reconnect all harness connectors. Turn ignition switch ON. Check for DTC using CONSULT. Is DTC still current? YES >> GO TO 5. NO >> Refer to GI-41, "Intermittent Incident". ${f 5.}$ AIR BAG DIAGNOSIS SENSOR UNIT Replace the air bag diagnosis sensor unit. Refer to SR-31, "Removal and Installation". 2. Turn ignition switch ON. Check for DTC using CONSULT. Is DTC still current? Ν YES >> GO TO 6. NO >> Clear DTC. Inspection End. 6.SEAT BELT PRE-TENSIONER LH Replace the seat belt pre-tensioner LH. Refer to SB-6, "Removal and Installation". Turn ignition switch ON. Check for DTC using CONSULT. Р Is DTC still current? YES >> GO TO 7. NO >> Clear DTC. Inspection End. 7. $\mathsf{RELATED}$ HARNESS

Revision: August 2013 SRC-35 2014 Maxima NAM

B1086 - B1089 SEAT BELT PRE-TENSIONER LH

>> END

B1081 - B1084 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

B1081 – B1084 SEAT BELT PRE-TENSIONER RH

Description INFOID:0000000009466513

DTC B1081 - B1084 SEAT BELT PRE-TENSIONER RH

The seat belt pre-tensioner RH is wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit will monitor for opens and shorts in detected lines to the seat belt pre-tensioner RH.

PART LOCATION

Refer to SRC-7, "SRS Component Parts Location".

DTC Logic INFOID:0000000009466514

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
PRE-TEN FRONT RH [OPEN]	B1081	RH seat belt pre-tensioner circuit is open.	 Visually check the wiring harness connection. Replace the harness if it has visible damage.
PRE-TEN FRONT RH [VB-SHORT]	B1082	RH seat belt pre-tensioner circuit is shorted to a power supply circuit.	 Replace the front RH seat belt pre-tensioner. Replace the air bag diagnosis sensor unit. Replace the related harness.
PRE-TEN FRONT RH [GND-SHORT]	B1083	RH seat belt pre-tensioner circuit is shorted to ground.	
PRE-TEN FRONT RH [SHORT]	B1084	RH seat belt pre-tensioner circuits are shorted to each other.	

DTC CONFIRMATION PROCEDURE (With CONSULT)

1. CHECK SELF-DIAG RESULT

- Turn ignition switch ON.
- Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-37, "Diagnosis Procedure".

YES (Past DTC)>>GO TO 2.

>> Inspection End.

2.erase self-diag result

Erase the DTC using CONSULT.

Can the DTC be erased?

YES >> Inspection End.

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

DTC CONFIRMATION PROCEDURE (Without CONSULT)

1.CHECK SELF-DIAG RESULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to SRC-14, "Trouble Diagnosis without CONSULT". 2.

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

Is the DTC detected?

>> Refer to SRC-37, "Diagnosis Procedure". YES

NO >> Inspection End.

Diagnosis Procedure

1. HARNESS CONNECTOR

SRC-37 Revision: August 2013 2014 Maxima NAM SRC

Α

В

D

Е

K

L

Ν

Р

INFOID:0000000009466515

B1081 – B1084 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

Visually inspect all applicable harness connectors for the following:

- Visible damage to connector or terminal
- Loose terminal
- Poor connection

NOTE:

All harness connectors should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 2.

NO

- >> Perform one of the following repairs:
 - Visible damage: Replace the harness.
 - · Loose terminal: Secure the terminal.
 - · Poor connection: Secure the connection.

2.CONFIRM DTC

- Reconnect all harness connectors.
- 2. Turn ignition switch ON.
- 3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 3.

NO >> Refer to GI-41, "Intermittent Incident".

3. WIRING HARNESS

Check the wiring harness for visible damage.

NOTE:

The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace the harness.

4. CONFIRM DTC

- Reconnect all harness connectors.
- 2. Turn ignition switch ON.
- 3. Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 5.

NO >> Refer to GI-41, "Intermittent Incident".

AIR BAG DIAGNOSIS SENSOR UNIT

- Replace the air bag diagnosis sensor unit. Refer to <u>SR-31, "Removal and Installation"</u>.
- 2. Turn ignition switch ON.
- Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 6.

NO >> Clear DTC. Inspection End.

6.SEAT BELT PRE-TENSIONER RH

- Replace the seat belt pre-tensioner RH. Refer to <u>SB-6. "Removal and Installation"</u>.
- Turn ignition switch ON.
- Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 7.

NO >> Clear DTC. Inspection End.

7. RELATED HARNESS

Replace the related harness.

B1081 - B1084 SEAT BELT PRE-TENSIONER RH

< DTC/CIRCUIT DIAGNOSIS >

>> END

Α

В

С

 D

Е

F

G

SRC

J

Κ

L

M

Ν

0

Р

B1033 - B1035 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

B1033 - B1035 CRASH ZONE SENSOR

Description INFOID:000000009466516

DTC B1033 - B1035 CRASH ZONE SENSOR

The crash zone sensor is wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit will monitor for opens and shorts in detected lines to the crash zone sensor.

PART LOCATION

Refer to SRC-7, "SRS Component Parts Location".

DTC Logic

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
CRASH ZONE SEN	B1033	Crash zone sensor has malfunctioned.	1. Visually check the wiring harness connection.
[UNIT FAIL]	B1034		 Replace the harness if it has visible damage. Replace the crash zone sensor.
CRASH ZONE SEN [COMM FAIL]	B1035	Crash zone sensor communication error.	 Replace the air bag diagnosis sensor unit. Replace the related harness.

DTC CONFIRMATION PROCEDURE (With CONSULT)

1. CHECK SELF-DIAG RESULT

- 1. Turn ignition switch ON.
- 2. Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-40, "Diagnosis Procedure".

YES (Past DTC)>>GO TO 2.

NO >> Inspection End.

ERASE SELF-DIAG RESULT

Erase the DTC using CONSULT.

Can the DTC be erased?

YES >> Inspection End.

NO >> Refer to <u>SRC-40</u>, "<u>Diagnosis Procedure</u>".

DTC CONFIRMATION PROCEDURE (Without CONSULT)

1. CHECK SELF-DIAG RESULT

- 1. Turn ignition switch ON.
- 2. Check the air bag warning lamp status. Refer to SRC-14, "Trouble Diagnosis without CONSULT".

NOTE:

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

Is the DTC detected?

YES >> Refer to <u>SRC-40</u>, "<u>Diagnosis Procedure</u>".

NO >> Inspection End.

Diagnosis Procedure

INFOID:0000000009466518

1. HARNESS CONNECTOR

Visually inspect all applicable harness connectors for the following:

- · Visible damage to connector or terminal
- Loose terminal
- · Poor connection

B1033 - B1035 CRASH ZONE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

V DTC/CIRCUIT DIAGNOSIS >
NOTE: All harness connectors should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).
Is the inspection result normal?
YES >> GO TO 2.
NO >> Perform one of the following repairs:
Visible damage: Replace the harness.
Loose terminal: Secure the terminal.
Poor connection: Secure the connection.
2.CONFIRM DTC
Reconnect all harness connectors.
Turn ignition switch ON.
3. Check for DTC using CONSULT.
Is DTC still current?
YES >> GO TO 3.
NO >> Refer to GI-41, "Intermittent Incident".
3. WIRING HARNESS
Check the wiring harness for visible damage. NOTE:
The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component
(including any in-line connectors).
Is the inspection result normal?
YES >> GO TO 4.
NO >> Replace the harness.
4.CONFIRM DTC
Reconnect all harness connectors.
 Turn ignition switch ON. Check for DTC using CONSULT.
•
Is DTC still current?
YES >> GO TO 5. NO >> Refer to GI-41, "Intermittent Incident".
<u> </u>
5. AIR BAG DIAGNOSIS SENSOR UNIT
1. Replace the air bag diagnosis sensor unit. Refer to SR-31, "Removal and Installation".
2. Turn ignition switch ON.
Check for DTC using CONSULT.
Is DTC still current?
YES >> GO TO 6.
NO >> Clear DTC. Inspection End.
6.CRASH ZONE SENSOR
Replace the crash zone sensor. Refer to <u>SR-27</u> , "Removal and Installation".
Turn ignition switch ON.
3. Check for DTC using CONSULT.
Is DTC still current?
YES >> GO TO 7.
NO >> Clear DTC. Inspection End.
7. RELATED HARNESS
Replace the related harness.

>> END

B1118 – B1120 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

B1118 - B1120 SATELLITE SENSOR LH

Description INFOID:000000009466519

DTC B1118 - B1120 SATELLITE SENSOR LH

The satellite sensor LH is wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit will monitor the satellite sensor LH for internal failures and its circuits for communication errors.

PART LOCATION

Refer to SRC-7, "SRS Component Parts Location".

DTC Logic

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
SATELLITE SENS LH	B1118	3	Visually check the wiring harness connection
[UNIT FAIL]	B1119	functioned.	 Replace the harness if it has visible damage Replace the LH side air bag satellite sensor.
SATELLITE SENS LH [COMM FAIL]	B1120	LH side air bag satellite sensor communication error.	 Replace the air bag diagnosis sensor unit. Replace the related harness.

DTC CONFIRMATION PROCEDURE (With CONSULT)

1. CHECK SELF-DIAG RESULT

- 1. Turn ignition switch ON.
- Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-42, "Diagnosis Procedure".

YES (Past DTC)>>GO TO 2.

NO >> Inspection End.

2.ERASE SELF-DIAG RESULT

Erase the DTC using CONSULT.

Can the DTC be erased?

YES >> Inspection End.

NO >> Refer to <u>SRC-42</u>, "<u>Diagnosis Procedure</u>".

DTC CONFIRMATION PROCEDURE (Without CONSULT)

1. CHECK SELF-DIAG RESULT

- 1. Turn ignition switch ON.
- 2. Check the air bag warning lamp status. Refer to SRC-14, "Trouble Diagnosis without CONSULT".

NOTE:

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

Is the DTC detected?

YES >> Refer to <u>SRC-42</u>, "<u>Diagnosis Procedure</u>".

NO >> Inspection End.

Diagnosis Procedure

INFOID:0000000009466521

1. HARNESS CONNECTOR

Visually inspect all applicable harness connectors for the following:

- · Visible damage to connector or terminal
- Loose terminal
- · Poor connection

B1118 - B1120 SATELLITE SENSOR LH

< DTC/CIRCUIT DIAGNOSIS >

< DTC/CIRCUIT DIAGNOSIS >	
NOTE: All harness connectors should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).	А
Is the inspection result normal?	
YES >> GO TO 2.	В
NO >> Perform one of the following repairs:	
Visible damage: Replace the harness.	
 Loose terminal: Secure the terminal. Poor connection: Secure the connection. 	С
2.CONFIRM DTC	
Reconnect all harness connectors.	D
2. Turn ignition switch ON.	
3. Check for DTC using CONSULT.	
Is DTC still current?	Е
YES >> GO TO 3. NO >> Refer to GI-41, "Intermittent Incident".	
	_
3.WIRING HARNESS	F
Check the wiring harness for visible damage. NOTE:	
The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component	G
(including any in-line connectors).	
Is the inspection result normal?	
YES >> GO TO 4.	SRC
NO >> Replace the harness.	
4.CONFIRM DTC	
Reconnect all harness connectors.	ı
2. Turn ignition switch ON.	
3. Check for DTC using CONSULT.	J
Is DTC still current?	
YES >> GO TO 5. NO >> Refer to GI-41, "Intermittent Incident".	
5. AIR BAG DIAGNOSIS SENSOR UNIT	K
1. Replace the air bag diagnosis sensor unit. Refer to <u>SR-31, "Removal and Installation"</u> .	
 Turn ignition switch ON. Check for DTC using CONSULT. 	L
Is DTC still current?	
YES >> GO TO 6.	M
NO >> Clear DTC. Inspection End.	
6.LH SIDE AIR BAG SATELLITE SENSOR	
1. Replace the LH side air bag satellite sensor. Refer to <u>SR-29</u> , "Removal and Installation".	Ν
2. Turn ignition switch ON.	
3. Check for DTC using CONSULT.	0
Is DTC still current?	
YES >> GO TO 7. NO >> Clear DTC. Inspection End.	
7.RELATED HARNESS	Р
Deplete the related harness	

Replace the related harness.

>> END

B1113 – B1115 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

B1113 – B1115 SATELLITE SENSOR RH

Description INFOID:000000009466522

DTC B1113 - B1115 SATELLITE SENSOR RH

The satellite sensor RH is wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit will monitor the satellite sensor RH for internal failures and its circuits for communication errors.

PART LOCATION

Refer to SRC-7, "SRS Component Parts Location".

DTC Logic

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition		Repair order
SATELLITE SENS RH	B1113	3	1.	Visually check the wiring harness connection.
[UNIT FAIL]	B1114	functioned.		Replace the harness if it has visible damage. Replace the RH side air bag satellite sensor.
SATELLITE SENS RH [COMM FAIL]	B1115	RH side air bag satellite sensor communication error.	4. 5.	Replace the air bag diagnosis sensor unit. Replace the related harness.

DTC CONFIRMATION PROCEDURE (With CONSULT)

1. CHECK SELF-DIAG RESULT

- 1. Turn ignition switch ON.
- Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-44, "Diagnosis Procedure".

YES (Past DTC)>>GO TO 2.

NO >> Inspection End.

2.erase self-diag result

Erase the DTC using CONSULT.

Can the DTC be erased?

YES >> Inspection End.

NO >> Refer to <u>SRC-44</u>, "<u>Diagnosis Procedure</u>".

DTC CONFIRMATION PROCEDURE (Without CONSULT)

1. CHECK SELF-DIAG RESULT

- 1. Turn ignition switch ON.
- 2. Check the air bag warning lamp status. Refer to SRC-14, "Trouble Diagnosis without CONSULT".

NOTE:

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

Is the DTC detected?

YES >> Refer to <u>SRC-44</u>, "<u>Diagnosis Procedure</u>".

NO >> Inspection End.

Diagnosis Procedure

INFOID:0000000009466524

1. HARNESS CONNECTOR

Visually inspect all applicable harness connectors for the following:

- · Visible damage to connector or terminal
- Loose terminal
- · Poor connection

B1113 - B1115 SATELLITE SENSOR RH

< DTC/CIRCUIT DIAGNOSIS >

< DTC/CIRCUIT DIAGNOSIS >	
NOTE: All harness connectors should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).	А
Is the inspection result normal?	
YES >> GO TO 2.	В
NO >> Perform one of the following repairs:	
Visible damage: Replace the harness.	
 Loose terminal: Secure the terminal. Poor connection: Secure the connection. 	С
2.CONFIRM DTC	
Reconnect all harness connectors.	D
2. Turn ignition switch ON.	
3. Check for DTC using CONSULT.	
Is DTC still current?	Е
YES >> GO TO 3. NO >> Refer to GI-41, "Intermittent Incident".	
3. WIRING HARNESS	F
	Г
Check the wiring harness for visible damage. NOTE:	
The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component	G
(including any in-line connectors).	
Is the inspection result normal?	
YES >> GO TO 4.	SRC
NO >> Replace the harness.	
4.CONFIRM DTC	1
Reconnect all harness connectors.	ı
2. Turn ignition switch ON.	
3. Check for DTC using CONSULT.	J
Is DTC still current?	
YES >> GO TO 5. NO >> Refer to GI-41, "Intermittent Incident".	
5. AIR BAG DIAGNOSIS SENSOR UNIT	K
1. Replace the air bag diagnosis sensor unit. Refer to <u>SR-31, "Removal and Installation"</u> .	
 Turn ignition switch ON. Check for DTC using CONSULT. 	L
Is DTC still current?	
YES >> GO TO 6.	M
NO >> Clear DTC. Inspection End.	
6.RH SIDE AIR BAG SATELLITE SENSOR	
1. Replace the RH side air bag satellite sensor. Refer to <u>SR-29</u> , "Removal and Installation".	Ν
2. Turn ignition switch ON.	
3. Check for DTC using CONSULT.	0
Is DTC still current?	
YES >> GO TO 7. NO >> Clear DTC. Inspection End.	
7.RELATED HARNESS	Р
Danlage the related harness	

Replace the related harness.

>> END

B1XXX AIR BAG DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS >

B1XXX AIR BAG DIAGNOSIS SENSOR UNIT

Description INFOID.000000009466525

DTC B1XXX AIR BAG DIAGNOSIS SENSOR UNIT

The air bag diagnosis sensor unit will run self diagnostics when the ignition switch is turned ON. It has the potential to set many diagnostic trouble codes which will conform to the B1XXX format, but will not match any other SRS diagnostic trouble codes. Refer to <u>SRC-54</u>, "<u>Trouble Diagnosis with CONSULT</u>".

PART LOCATION

Refer to SRC-7, "SRS Component Parts Location".

DTC Logic

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition		Repair order
CONTROL UNIT	B1XXX	Air bag diagnosis sensor unit is malfunctioning.	1. 2. 3. 4.	Visually check the wiring harness connection. Replace the harness if it has visible damage. Replace the air bag diagnosis sensor unit. Replace the related harness.

DTC CONFIRMATION PROCEDURE (With CONSULT)

1. CHECK SELF-DIAG RESULT

- Turn ignition switch ON.
- 2. Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-46, "Diagnosis Procedure".

YES (Past DTC)>>GO TO 2.

NO >> Inspection End.

2.erase self-diag result

Erase the DTC using CONSULT.

Can the DTC be erased?

YES >> Inspection End.

NO >> Refer to <u>SRC-46</u>, "<u>Diagnosis Procedure</u>".

DTC CONFIRMATION PROCEDURE (Without CONSULT)

1. CHECK SELF-DIAG RESULT

- Turn ignition switch ON.
- 2. Check the air bag warning lamp status. Refer to <u>SRC-14, "Trouble Diagnosis without CONSULT".</u>

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

Is the DTC detected?

YES >> Refer to <u>SRC-46</u>, "<u>Diagnosis Procedure</u>"

NO >> Inspection End.

Diagnosis Procedure

INFOID:0000000009466527

1. HARNESS CONNECTOR

Visually inspect all applicable harness connectors for the following:

- Visible damage to connector or terminal
- Loose terminal
- Poor connection

Revision: August 2013 SRC-46 2014 Maxima NAM

B1XXX AIR BAG DIAGNOSIS SENSOR UNIT

< DTC/CIRCUIT DIAGNOSIS > NOTE: Α

10 I E.													
All harness	connectors	should b	e inspected	from	the a	air bag	diagnosis	sensor	unit to	the e	end	compon	ent
including a	ny in-line co	nnectors)).										

Is the inspection result normal?

>> GO TO 2. YES

NO

- >> Perform one of the following repairs:
 - · Visible damage: Replace the harness.
 - · Loose terminal: Secure the terminal.
 - Poor connection: Secure the connection.

2.confirm ${ t dtc}$

- Reconnect all harness connectors.
- Turn ignition switch ON. 2.
- Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 3.

NO >> Refer to GI-41, "Intermittent Incident".

3. WIRING HARNESS

Check the wiring harness for visible damage.

NOTE:

The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors).

Is the inspection result normal?

YES >> GO TO 4.

NO >> Replace the harness.

CONFIRM DTC

- Reconnect all harness connectors.
- Turn ignition switch ON.
- Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 5.

NO >> Refer to GI-41, "Intermittent Incident".

${f 5.}$ AIR BAG DIAGNOSIS SENSOR UNIT

- Replace the air bag diagnosis sensor unit. Refer to SR-31, "Removal and Installation".
- 2. Turn ignition switch ON.
- Check for DTC using CONSULT.

Is DTC still current?

YES >> GO TO 6.

NO >> Clear DTC. Inspection End.

6.RELATED HARNESS

Replace the related harness.

>> **END**

SRC

Α

В

D

Е

F

K

M

Р

0

B1023 PASSENGER AIR BAG OFF INDICATOR

< DTC/CIRCUIT DIAGNOSIS >

B1023 PASSENGER AIR BAG OFF INDICATOR

Description INFOID:000000009466528

DTC B1023 FRONT PASSENGER AIR BAG OFF INDICATOR

The front passenger air bag off indicator is wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit monitors the front passenger air bag off indicator and circuit for failures.

PART LOCATION

Refer to SRC-7, "SRS Component Parts Location".

DTC Logic

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
PASS A/B INDCTR CKT	B1023	Front passenger air bag off indicator is malfunctioning.	 Visually check the wiring harness connection. Replace the harness if it has visible damage. Replace the front passenger air bag off indicator. Replace the air bag diagnosis sensor unit. Replace the related harness.

DTC CONFIRMATION PROCEDURE (With CONSULT)

1. CHECK SELF-DIAG RESULT

- Turn ignition switch ON.
- 2. Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-48, "Diagnosis Procedure".

YES (Past DTC)>>GO TO 2.

NO >> Inspection End.

2.erase self-diag result

Erase the DTC using CONSULT.

Can the DTC be erased?

YES >> Inspection End.

NO >> Refer to <u>SRC-48</u>, "<u>Diagnosis Procedure</u>".

DTC CONFIRMATION PROCEDURE (Without CONSULT)

1.CHECK SELF-DIAG RESULT

- Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to <u>SRC-14, "Trouble Diagnosis without CONSULT"</u>.

NOTE:

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

Is the DTC detected?

YES >> Refer to <u>SRC-48</u>, "<u>Diagnosis Procedure</u>".

NO >> Inspection End.

Diagnosis Procedure

INFOID:0000000009466530

1. HARNESS CONNECTOR

Visually inspect all applicable harness connectors for the following:

- · Visible damage to connector or terminal
- Loose terminal

B1023 PASSENGER AIR BAG OFF INDICATOR < DTC/CIRCUIT DIAGNOSIS > Poor connection NOTE: Α All harness connectors should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors). Is the inspection result normal? В YES >> GO TO 2. NO >> Perform one of the following repairs: Visible damage: Replace the harness. Loose terminal: Secure the terminal. Poor connection: Secure the connection. 2.confirm dtc D 1. Reconnect all harness connectors. 2. Turn ignition switch ON. Check for DTC using CONSULT. Е Is DTC still current? YES >> GO TO 3. NO >> Refer to GI-41, "Intermittent Incident". 3.WIRING HARNESS Check the wiring harness for visible damage. The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors). Is the inspection result normal? SRC YES >> GO TO 4. NO >> Replace the harness. 4.CONFIRM DTC Reconnect all harness connectors. 2. Turn ignition switch ON. Check for DTC using CONSULT. Is DTC still current? YES >> GO TO 5. K NO >> Refer to GI-41, "Intermittent Incident". ${f 5.}$ AIR BAG DIAGNOSIS SENSOR UNIT Replace the air bag diagnosis sensor unit. Refer to SR-31, "Removal and Installation". Turn ignition switch ON. Check for DTC using CONSULT. Is DTC still current? YES >> GO TO 6. NO >> Clear DTC. Inspection End. $oldsymbol{6}$.PASSENGER AIR BAG OFF INDICATOR Ν Replace the passenger air bag off indicator. Refer to IP-11, "Removal and Installation". 2. Turn ignition switch ON. Check for DTC using CONSULT. Is DTC still current?

YES >> GO TO 7.

NO >> Clear DTC. Inspection End.

/ .RELATED HARNESS

Replace the related harness.

>> **END**

Revision: August 2013 SRC-49 2014 Maxima NAM

Р

B1017 - B1022 OCCUPANT CLASSIFICATION SYSTEM

< DTC/CIRCUIT DIAGNOSIS >

B1017 - B1022 OCCUPANT CLASSIFICATION SYSTEM

Description INFOID.000000009466531

DTC B1017 - B1022 OCCUPANT CLASSIFICATION SYSTEM (OCS)

The occupant classification system control unit is wired to the air bag diagnosis sensor unit. The air bag diagnosis sensor unit will monitor the occupant classification system for control unit and sensor mat failures and interruptions in communication between the OCS control unit and the air bag diagnosis sensor unit.

PART LOCATION

Refer to SRC-7, "SRS Component Parts Location".

DTC Logic

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition		Repair order
	B1017	The OCS control unit is malfunctioning.	1.	Replace the RH front seat cushion assembly.
OCCUPANT SENS C/U [UNIT FAIL]	B1020			Do not disassemble the seat cushion assembly.
[B1021			
OCCUPANT SENS [UNIT FAIL]	B1018	The OCS sensor mat is malfunctioning.		
OCCUPANT SENS [OTHER FAIL]	B1019	The OCS is malfunctioning.		
OCCUPANT SENS C/U [COMM FAIL]	B1022	Communication between the OCS control unit and the air bag diagnosis sensor unit is interrupted.	1. 2. 3.	Visually check the wiring harness connection. Replace the harness if it has visible damage. Replace the RH front seat cushion assembly. Do not disassemble the seat cushion assembly. Replace the air bag diagnosis sensor unit.

DTC CONFIRMATION PROCEDURE (With CONSULT)

1. CHECK SELF-DIAG RESULT

- 1. Turn ignition switch ON.
- 2. Check for DTC using CONSULT.

Is the DTC detected?

YES (Current DTC)>>Refer to SRC-51, "Diagnosis Procedure".

YES (Past DTC)>>GO TO 2.

NO >> Inspection End.

2.erase self-diag result

Erase the DTC using CONSULT.

Can the DTC be erased?

YES >> Inspection End.

NO >> Refer to <u>SRC-51, "Diagnosis Procedure"</u>.

DTC CONFIRMATION PROCEDURE (Without CONSULT)

1. CHECK SELF-DIAG RESULT

- 1. Turn ignition switch ON.
- Check the air bag warning lamp status. Refer to <u>SRC-14, "Trouble Diagnosis without CONSULT"</u>.

NOTE:

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

Is the DTC detected?

Revision: August 2013 SRC-50 2014 Maxima NAM

B1017 – B1022 OCCUPANT CLASSIFICATION SYSTEM

< DTC/CIRCUIT DIAGNOSIS > YES >> Refer to SRC-51, "Diagnosis Procedure". NO >> Inspection End. Α Diagnosis Procedure INFOID:0000000009466533 1. HARNESS CONNECTOR В Visually inspect all applicable harness connectors for the following: Visible damage to connector or terminal Loose terminal Poor connection NOTE: All harness connectors should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors). Is the inspection result normal? YES >> GO TO 2. Е NO >> Perform one of the following repairs: Visible damage: Replace the harness. Loose terminal: Secure the terminal. Poor connection: Secure the connection. 2.CONFIRM DTC Reconnect all harness connectors. 2. Turn ignition switch ON. Check for DTC using CONSULT. Is DTC still current? SRC YES >> GO TO 3. NO >> Refer to GI-41, "Intermittent Incident". 3. WIRING HARNESS Check the wiring harness for visible damage. NOTE: The entire wiring harness should be inspected from the air bag diagnosis sensor unit to the end component (including any in-line connectors). Is the inspection result normal? K YES >> GO TO 4. NO >> Replace the harness. 4.CONFIRM DTC Reconnect all harness connectors. Turn ignition switch ON. Check for DTC using CONSULT. Is DTC still current? YES >> GO TO 5. NO >> Refer to GI-41, "Intermittent Incident". N ${f 5.}$ AIR BAG DIAGNOSIS SENSOR UNIT Replace the air bag diagnosis sensor unit. Refer to SR-31, "Removal and Installation". 2. Turn ignition switch ON. Check for DTC using CONSULT. Is DTC still current? YFS Р >> GO TO 6. NO >> Clear DTC. Inspection End. O.RH FRONT SEAT CUSHION ASSEMBLY

- Replace the RH front seat cushion assembly. Refer to SE-68, "Removal and Installation" (with climate controlled seats) or SE-126, "Removal and Installation" (without climate controlled seats).
- Turn ignition switch ON. 2.
- Check for DTC using CONSULT.

SRC-51 2014 Maxima NAM Revision: August 2013

B1017 - B1022 OCCUPANT CLASSIFICATION SYSTEM

< DTC/CIRCUIT DIAGNOSIS >

Is DTC still current?

YES >> GO TO 7.

NO >> Clear DTC. Inspection End.

7. RELATED HARNESS

Replace the related harness.

>> END

B1209 - B1210 COLLISION DETECTION

< DTC/CIRCUIT DIAGNOSIS >

B1209 - B1210 COLLISION DETECTION

Description INFOID:000000000466534

DTC B1209 - B1210 COLLISION DETECTION

The air bag diagnosis sensor unit will set this DTC if it has detected a collision which has resulted in a frontal or side deployment of one or more air bags or pre-tensioners. If this DTC is detected after a SRS repair, the air bag diagnosis sensor unit has not yet been replaced. This DTC can not be erased.

PART LOCATION

Refer to SRC-7, "SRS Component Parts Location".

DTC Logic

DTC DETECTION LOGIC

With CONSULT

CONSULT name	DTC	DTC detecting condition	Repair order
FRONTAL COLLISION DETECTION	B1209	Driver and/or front passenger air bag modules are deployed.	Refer to <u>SR-5</u> , " <u>FOR USA AND CANADA</u> : For <u>Frontal Collision"</u> .
SIDE COLLISION DE- TECTION	B1210	Side and/or curtain air bag modules are deployed.	Refer to SR-7, "FOR USA AND CANADA: For Side and Rollover Collision".

DTC CONFIRMATION PROCEDURE (With CONSULT)

1. INSPECTION START

Turn ignition switch ON.

>> GO TO 2.

2. CHECK SELF-DIAG RESULT

Check for the DTC on CONSULT.

Is the DTC detected?

YES >> Refer to <u>SRC-53</u>, "<u>Diagnosis Procedure</u>".

NO >> Inspection End.

Diagnosis Procedure

Refer to SR-5, "FOR USA AND CANADA: For Frontal Collision" or SR-7, "FOR USA AND CANADA: For Side and Ballayer Callisian"

Side and Rollover Collision".

SRC

Α

В

D

Е

K

1

INFOID:0000000009466536

Ν

Р

ECU DIAGNOSIS INFORMATION

DIAGNOSIS SENSOR UNIT

Trouble Diagnosis with CONSULT

INFOID:0000000009466537

DIAGNOSTIC CODE CHART

NOTE:

Follow the procedures in numerical order when repairing malfunctioning parts. Confirm whether malfunction is eliminated using air bag warning lamp or CONSULT each time repair is finished. If malfunction is still observed, proceed to the next step. When malfunction is eliminated, further repair work is not required.

CONSULT name	DTC	DTC detecting condition		Repair order
DRIVER AIRBAG MODULE	B1049	Driver air bag module circuit (DR1) is open (including the spiral cable).	1. 2. 3.	Visually check the wiring harness connection. Replace the harness if it has visible damage. Inspect spiral cable circuit.
[OPEN]	B1054	Driver air bag module circuit (DR2) is open (including the spiral cable).	4. 5. 6.	Replace the air bag diagnosis sensor unit. Replace the driver air bag module. Replace the related harness.
DRIVER AIRBAG MODULE	B1050	Driver air bag module circuit (DR1) is shorted to a power supply circuit (including the spiral cable).		
[VB-SHORT]	B1055	Driver air bag module circuit (DR2) is shorted to a power supply circuit (including the spiral cable).		
DRIVER AIRBAG MODULE	B1051	Driver air bag module circuit (DR1) is shorted to ground (including the spiral cable).		
[GND-SHORT] B105		Driver air bag module circuit (DR2) is shorted to ground (including the spiral cable).		
DRIVER AIRBAG MODULE	B1052	Driver air bag module circuits (DR1) are shorted to each other (including the spiral cable).		
[SHORT]	B1057	Driver air bag module circuits (DR2) are shorted to each other (including the spiral cable).		
ASSIST A/B MODULE	B1065	Front passenger air bag module circuit (AS1) is open.	1. 2.	Visually check the wiring harness connection. Replace the harness if it has visible damage.
[OPEN]		Front passenger air bag module circuit (AS2) is open.	3. 4. 5.	Replace the air bag diagnosis sensor unit. Replace the front passenger air bag module. Replace the related harness.
ASSIST A/B MODULE	B1066	Front passenger air bag module circuit (AS1) is shorted to a power supply circuit.		Topiaco are islante almoso.
[VB-SHORT]	B1071	Front passenger air bag module circuit (AS2) is shorted to a power supply circuit.		
ASSIST A/B MODULE	B1067	Front passenger air bag module circuit (AS1) is shorted to ground.		
[GND-SHORT]	B1072	Front passenger air bag module circuit (AS2) is shorted to ground.		
ASSIST A/B MODULE	B1068	Front passenger air bag module circuits (AS1) are shorted to each other.		
[SHORT]	B1073	Front passenger air bag module circuits (AS2) are shorted to each other.		

< ECU DIAGNOSIS INFORMATION >

CONSULT name	DTC	DTC detecting condition	Repair order
SIDE MODULE LH [OPEN]	B1134	Front LH side air bag module circuit is open.	 Visually check the wiring harness connection. Replace the harness if it has visible damage.
SIDE MODULE LH [VB-SHORT]	B1135	Front LH side air bag module circuit is shorted to a power supply circuit.	 3. Replace the air bag diagnosis sensor unit. 4. Replace the front LH side air bag module. 5. Replace the related harness.
SIDE MODULE LH [GND-SHORT]	B1136	Front LH side air bag module circuit is shorted to ground.	
SIDE MODULE LH [SHORT]	B1137	Front LH side air bag module circuits are shorted to each other.	
SIDE MODULE RH [OPEN]	B1129	Front RH side air bag module circuit is open.	 Visually check the wiring harness connection. Replace the harness if it has visible damage.
SIDE MODULE RH [VB-SHORT]	B1130	Front RH side air bag module circuit is shorted to a power supply circuit.	 Replace the air bag diagnosis sensor unit. Replace the front RH side air bag module. Replace the related harness.
SIDE MODULE RH [GND-SHORT]	B1131	Front RH side air bag module circuit is shorted to ground.	. O. Replace the related harness.
SIDE MODULE RH [SHORT]	B1132	Front RH side air bag module circuits are shorted to each other.	
CURTAIN MODULE LH [OPEN]	B1150	LH side curtain air bag module circuit is open.	 Visually check the wiring harness connection. Replace the harness if it has visible damage.
CURTAIN MODULE LH [VB-SHORT]	B1151	LH side curtain air bag module circuit is shorted to a power supply circuit.	 Replace the air bag diagnosis sensor unit. Replace the LH side curtain air bag module. Replace the related harness.
CURTAIN MODULE LH [GND-SHORT]	B1152	LH side curtain air bag module circuit is shorted to ground.	. 3. Replace the related harness.
CURTAIN MODULE LH [SHORT]	B1153	LH side curtain air bag module circuits are shorted to each other.	
CURTAIN MODULE RH [OPEN]	B1145	RH side curtain air bag module circuit is open.	 Visually check the wiring harness connection. Replace the harness if it has visible damage.
CURTAIN MODULE RH [VB-SHORT]	B1146	RH side curtain air bag module circuit is shorted to a power supply circuit.	 3. Replace the air bag diagnosis sensor unit. 4. Replace the RH side curtain air bag module. 5. Replace the related harness.
CURTAIN MODULE RH [GND-SHORT]	B1147	RH side curtain air bag module circuit is shorted to ground.	. 3. Replace the related harriess.
CURTAIN MODULE RH [SHORT]	B1148	RH side curtain air bag module circuits are shorted to each other.	
PRE-TEN FRONT LH [OPEN]	B1086	LH seat belt pre-tensioner circuit is open.	 Visually check the wiring harness connection. Replace the harness if it has visible damage.
PRE-TEN FRONT LH [VB-SHORT]	B1087	LH seat belt pre-tensioner circuit is shorted to a power supply circuit.	 Replace the front LH seat belt pre-tensioner. Replace the air bag diagnosis sensor unit. Replace the related harness.
PRE-TEN FRONT LH [GND-SHORT]	B1088	LH seat belt pre-tensioner circuit is shorted to ground.	5. Replace the related harness.
PRE-TEN FRONT LH [SHORT]	B1089	LH seat belt pre-tensioner circuits are shorted to each other.	
PRE-TEN FRONT RH [OPEN]	B1081	RH seat belt pre-tensioner circuit is open.	 Visually check the wiring harness connection. Replace the harness if it has visible damage.
PRE-TEN FRONT RH [VB-SHORT]	B1082	RH seat belt pre-tensioner circuit is shorted to a power supply circuit.	 Replace the front RH seat belt pre-tensioner. Replace the air bag diagnosis sensor unit. Replace the related harness.
PRE-TEN FRONT RH [GND-SHORT]	B1083	RH seat belt pre-tensioner circuit is shorted to ground.	5. Replace the related harness.
PRE-TEN FRONT RH [SHORT]	B1084	RH seat belt pre-tensioner circuits are shorted to each other.	
CRASH ZONE SEN [UNIT FAIL]	B1033 B1034	Crash zone sensor has malfunctioned.	 Visually check the wiring harness connection. Replace the harness if it has visible damage.
CRASH ZONE SEN [COMM FAIL]	B1034	Crash zone sensor communication error.	 Replace the crash zone sensor. Replace the air bag diagnosis sensor unit. Replace the related harness.

< ECU DIAGNOSIS INFORMATION >

CONSULT name	DTC	DTC detecting condition	Repair order
SATELLITE SENS LH	B1118	LH side air bag satellite sensor has mal-	 Visually check the wiring harness connection. Replace the harness if it has visible damage.
[UNIT FAIL]	B1119	functioned.	Replace the LH side air bag satellite sensor.
SATELLITE SENS LH [COMM FAIL]	B1120	LH side air bag satellite sensor communication error.	4. Replace the air bag diagnosis sensor unit.5. Replace the related harness.
SATELLITE SENS RH	B1113	RH side air bag satellite sensor has mal- functioned.	 Visually check the wiring harness connection. Replace the harness if it has visible damage.
[UNIT FAIL]	B1114		3. Replace the RH side air bag satellite sensor.
SATELLITE SENS RH [COMM FAIL]	B1115	RH side air bag satellite sensor communication error.	4. Replace the air bag diagnosis sensor unit.5. Replace the related harness.
CONTROL UNIT	B1XXX	Air bag diagnosis sensor unit is malfunctioning.	 Visually check the wiring harness connection. Replace the harness if it has visible damage. Replace the air bag diagnosis sensor unit. Replace the related harness.
PASS A/B INDCTR CKT	B1023	Front passenger air bag OFF indicator is malfunctioning.	 Visually check the wiring harness connection. Replace the harness if it has visible damage. Replace the front passenger air bag OFF indicator. Replace the air bag diagnosis sensor unit. Replace the related harness.
-	B1017	The OCS control unit is malfunctioning.	Replace the RH front seat cushion assembly.
OCCUPANT SENS C/U [UNIT FAIL]	B1020		Do not disassemble the seat cushion assembly.
	B1021		
OCCUPANT SENS [UNIT FAIL]	B1018	The OCS sensor mat is malfunctioning.	
OCCUPANT SENS [OTHER FAIL]	B1019	The OCS is malfunctioning.	
OCCUPANT SENS C/U [COMM FAIL]	B1022	Communication between the OCS control unit and the air bag diagnosis sensor unit is interrupted.	 Visually check the wiring harness connection. Replace the harness if it has visible damage. Replace the RH front seat cushion assembly. Do not disassemble the seat cushion assembly. Replace the air bag diagnosis sensor unit.
FRONTAL COLLISION DE- TECTION	B1209	Driver and/or front passenger air bag modules are deployed.	Refer to SR-5, "FOR USA AND CANADA: For Frontal Collision".
SIDE COLLISION DETECTION	B1210	Side and/or curtain air bag modules are deployed.	Refer to SR-7, "FOR USA AND CANADA: For Side and Rollover Collision".

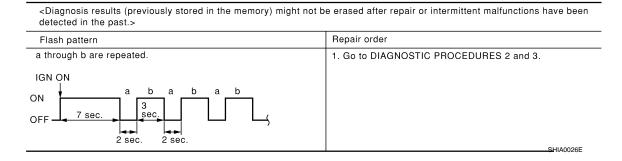
Trouble Diagnosis without CONSULT

INFOID:0000000009466538

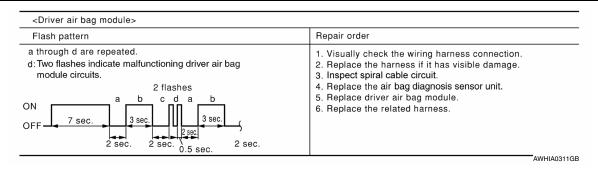
WARNING LAMP FLASH CODE CHART

NOTE:

Follow the procedures in numerical order when repairing malfunctioning parts. Confirm whether malfunction is eliminated using air bag warning lamp each time repair is finished. If malfunction is still observed, proceed to the next step. When malfunction is eliminated, further repair work is not required.



< ECU DIAGNOSIS INFORMATION >



<air bag="" diagnosis="" sensor="" unit=""></air>	
Flash pattern	Repair order
a through d are repeated. d: Seven flashes indicate malfunctioning diagnosis sensor unit circuit. 7 flashes ON OFF 7 sec. 2 sec. 2 sec. 0.5 sec.	Visually check the wiring harness connections. Replace the harness if it has visible damage. Replace the air bag diagnosis sensor unit. Replace the related harness.
	WHIA0198E

Flash pattern	Repair order
a through d are repeated. d: Eight flashes indicate malfunctioning front passenger air bag module circuit. 8 flashes 7 sec. 3 sec. 2 sec. 0.5 sec. 2 sec.	Visually check the wiring harness connection. Replace the harness if it has visible damage. Replace the air bag diagnosis sensor unit. Replace front passenger air bag module. Replace the related harness.

<crash sensor="" zone=""></crash>	
Flash pattern	Repair order
a through d are repeated. d: Six flashes indicate malfunctioning crash zone sensor circuit. ON OFF 7 sec. 2 sec. 2 sec. 0.5 sec. 2 sec.	Visually check the wiring harness connection. Replace the harness if it has visible damage. Replace the crash zone sensor. Replace the air bag diagnosis sensor unit. Replace the related harness.

		Flash pattern
ng harness connections. f it has visible damage. belt pre-tensioner. Ignosis sensor unit. arness.	front RH seat belt b 3 sec.	a through d are repeated. d: One flash indicates malfunc pre-tensioner circuit. ON 7 sec. 3 sec.
ignosis sen		ON a b

SRC

Α

В

D

Е

F

G

J

Κ

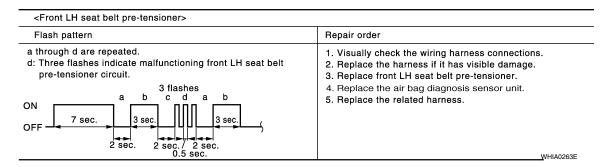
M

Ν

0

Р

< ECU DIAGNOSIS INFORMATION >



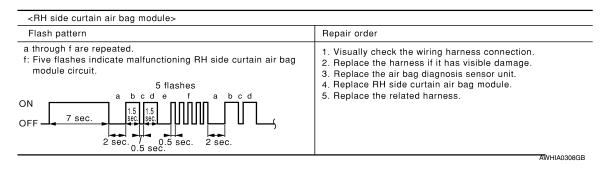
Flash pattern a through f are repeated. f: Three flashes indicate malfunctioning RH side air bag (Satellite) sensor circuit. ON OFF 7 sec. OFF 7 sec. Repair order 1. Visually check the wiring harness connection. 2. Replace the harness if it has visible damage. 3. Replace the RH side air bag (Satellite) sensor. 4. Replace the air bag diagnosis sensor unit. 5. Replace the related harness.	<rh (satellite)="" air="" bag="" sensor="" side=""></rh>	
f: Three flashes indicate malfunctioning RH side air bag (Satellite) sensor circuit. 3 flashes ON OFF 7 sec. 0 5 sec. 0 5 sec. 2 Replace the harness if it has visible damage. 3 Replace the RH side air bag (Satellite) sensor. 4 Replace the air bag diagnosis sensor unit. 5 Replace the related harness.	Flash pattern	Repair order
0.5 sec. 2 sec. WHIA0203E	f: Three flashes indicate malfunctioning RH side air bag (Satellite) sensor circuit. 3 flashes ON OFF 7 sec. 7 sec. 9 f. 5 f.	Replace the harness if it has visible damage. Replace the RH side air bag (Satellite) sensor. Replace the air bag diagnosis sensor unit. Replace the related harness.

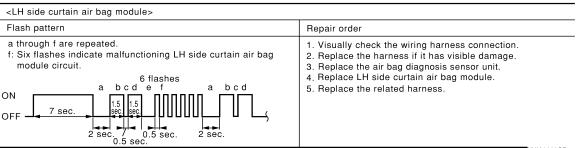
<lh (satellite)="" air="" bag="" sensor="" side=""></lh>	
Flash pattern	Repair order
a through f are repeated. f: Four flashes indicate malfunctioning LH side air bag (Satellite) sensor.	Nisually check the wiring harness connection. Replace the harness if it has visible damage. Replace the LH side air bag (Satellite) sensor.
ON	Replace the air bag diagnosis sensor unit. Replace the related harness.
0.5 sec.	WHIA0204E

oair order //isually check the wiring harness connection.
/isually check the wiring harness connection
Replace the harness if it has visible damage. Replace the air bag diagnosis sensor unit. Replace the front RH side air bag module. Replace the related harness.
7

<front air="" bag="" lh="" module="" side=""></front>	
Flash pattern	Repair order
a through f are repeated. f: Two flashes indicate malfunctioning front LH side air bag module circuit. 2 flashes ON 7 sec. 0.5 sec. 2 sec. 0.5 sec. 2 sec.	 Visually check the wiring harness connection. Replace the harness if it has visible damage. Replace the air bag diagnosis sensor unit. Replace the front LH side air bag module. Replace the related harness.

< ECU DIAGNOSIS INFORMATION >





AWHIA0309GB

<Occupant classification system>

Flash pattern	Repair order
a through d are repeated. d: Five flashes indicate malfuntioning occupant classification system control unit. ON OFF 7 sec. 2 sec. 2 sec. 2 sec. 0.5 sec.	Visually check the wiring harness connection. Replace the harness if it has visible damage. Replace the RH front seat cushion occupant classification system control unit assembly. Replace the air bag diagnosis sensor unit.
	WHIAUZTTE

<Front passenger air bag off indicator>

Flash pattern	Repair order
a through d are repeated. d: Eleven flashes indicate malfunctioning front passenger air bag off indicator. 11 flashes ON OFF 7 sec. 2 sec. 2 sec. 0.5 sec.	Visually check the wiring harness connection. Replace the harness if it has visible damage. Replace front passenger air bag off indicator. Replace the air bag diagnosis sensor unit. Replace the related harness.

SRC

Α

В

D

Е

F

J

K

L

M

Ν

0

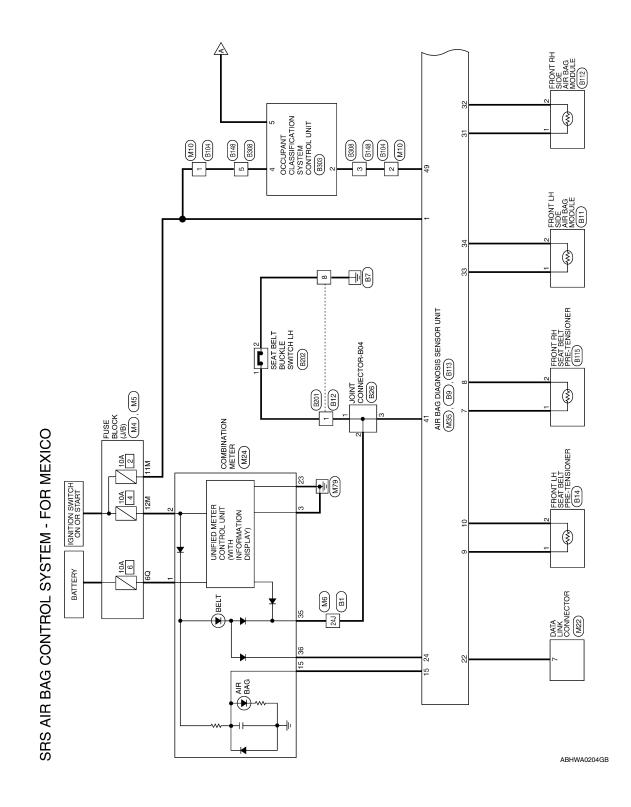
Р

WIRING DIAGRAM

SRS AIR BAG CONTROL SYSTEM

Wiring Diagram - For Mexico

INFOID:0000000009466539



Α

В

C

 D

Е

F

G

SRC

J

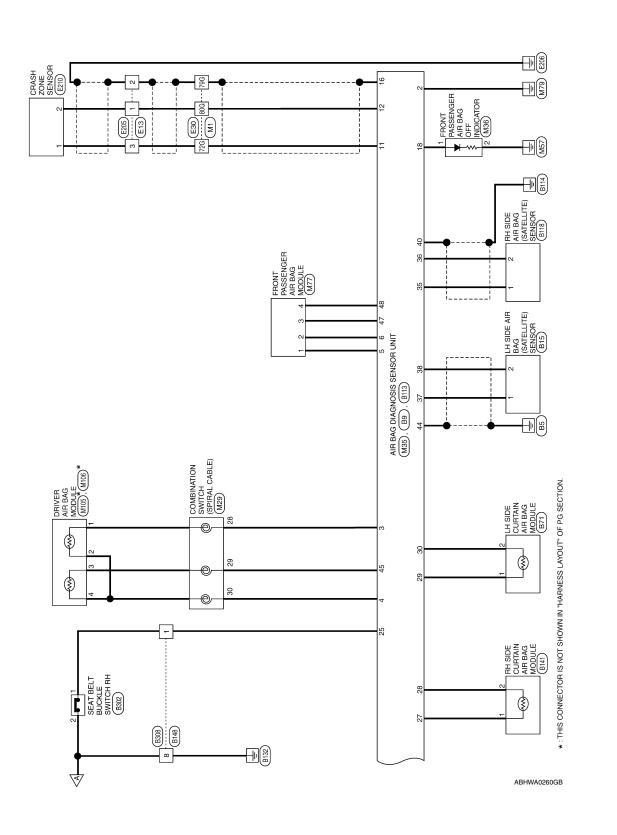
K

M

Ν

0

Ρ



Revision: August 2013 SRC-61 2014 Maxima NAM

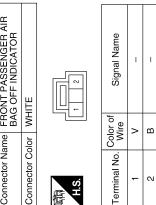
SRS AIR BAG CONTROL SYSTEM CONNECTORS - FOR MEXICO

Vo. M5 Vame FUSE BLOCK (J/B) Solor WHITE	5M 4M	Color of Signal Name Wire Signal Name	-						
Connector No. Connector Name Connector Color	国 H.S.	Terminal No.	12M						
Connector No. M4 Connector Name FUSE BLOCK (J/B) Connector Color WHITE	(40) 30 (20) 10 (100) 90 (80) 70 (60) 50 (1.00) 90 (80) 70 (60) 50	Terminal No. Wire Signal Name							
RE TO WIRE	86 76 66 56 46 36 156 146 136 126 116 106 26 16 56 246 236 226 216 206	410 400 396 386 376 386 386 506 406 436 486 436 446 436 436 426	G 56G 55G G 60G 59G 54G 53G 52G 51G	G 70G 69G 68G 67G 66G G 77G 76G 75G 74G 73G 65G 64G	83G 82G 81G	Signal Name	1	ı	I
ame WIRI	96 86 76 176 166 156 146 266 256 246	346 336 326 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319	58G 57G 56G 63G 62G 61G 60G	72G 71G 70G 80G 79G 78G 77G	83	Color of Wire	D/J	SHIELD	ď
Connector No. M1 Connector Name WIRE T Connector Color WHITE	H.S.				<u></u>	Terminal No. Wire	72G	79G	SOG

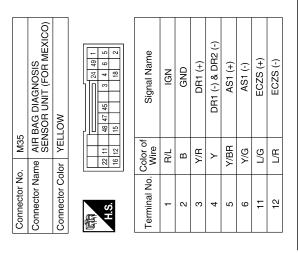
ABHIA0531GB

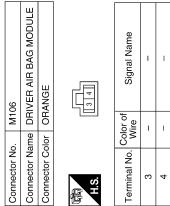
		А
ame ame	аше	В
M22 WHITE WHITE 9 10 11 12 13 14 15 16 7 8 I 2 3 4 5 6 7 8 Or of Signal Name Or of Signal Name	M29 COMBINATION SWITCH (SPIRAL CABLE) YELLOW I Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	С
		D
Connector No. Connector Col	Connector No. Connector Color H.S. H.S. Terminal No. Color 28 Y 28 Y 30 Y	Е
		F
Signal Name	Signal Name GND (POWER) AIR BAG GND (CIRCUIT) DR BELT AS BELT	G
		SR
Connector No. M10 Connector Name WIRE T Connector Color WHITE Terminal No. Wire 1 R/L 2 L/B 2 L/B	No. Color of Wire BR/W BR/W L/W	I
Connector Nan Connector Cold H.S. Terminal No. C	Terminal No. 3 3 15 23 23 35 35 36 36	J
	38 19 40 38 40 38 40	K
O WIRE Si 41 31 121 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131 131	ne n	L
TE TE TE TE TE TE TE TE	I	M
		N
Connector No. Connector Col. H.S. H.S. Terminal No. Z4J	Connector No. Connector Cold Connector Cold H.S. Terminal No. Terminal	0
	ABHIA0723GB	Р

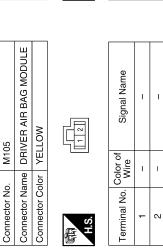
Connector Name FRONT PASSENGER AIR BAG OFF INDICATOR Connector Color WHITE	Connector No.	M36
Connector Color WHITE	Connector Name	FRONT PASSENGER AIR BAG OFF INDICATOR
	Connector Color	WHITE



Signal Name	AIRBAG W/L	GND	CUTOFF TELLTALE	K-LINE	SEAT BELT REMINDER	DR2 (+)	AS2 (+)	AS2 (-)	ODS INPUT
Color of Wire	BR/W	SHIELD	^	0	L/W	٨٨	Υ	Y/B	L/B
Terminal No.	15	16	18	22	24	45	47	48	49







Connector No.		M77
Connector Name		FRONT PASSENGER AIR BAG MODULE
Connector Color		YELLOW
H.S.	4	(1)
Terminal No. Wire	Color o Wire	f Signal Name
-	Y/BR	1
2	Y/G	1
3	\	ı
4	Y/B	1
	<u>.</u>	

ABHIA0719GB

		А
kame I I I		В
Signal Name		С
Color of Wire WILL SHIELD LO		D
72G 79G 80G		Е
		F
E30 WINE TO WIRE	CRASH ZONE SENSOR YELLOW Irof Signal Name G	G
MINE TO WIRE MINE TO MINE MINE TO MINE TO MINE MINE TO MINE		SRC
Connector No. Connector Color Connector Color 1186 19	Connector No. Connector Name Connector Color H.S. Terminal No. Color 1 L 2 L	J
		K
Signal Name	Signal Name	L
		M
	No. Color of Wire SHIELD LA	N
Connector No. Connector Name Connector Color Terminal No. W 3 M	Connector No. Connector Name Connector Color Terminal No. W W 1 1 1 Color 3 1 L	0
	AAHIA0005GB	Р

Revision: August 2013 SRC-65 2014 Maxima NAM

Connector No. B9 Connector No. B9 Connector Name SENSOR UNIT (FOR MEXICO) Connector Color YELLOW	Connector No. B14 Connector Name FRONT LH SEAT BELT Connector Color YELLOW Terminal No. Color of Signal Name 1	
Terminal No. Color of Wire Signal Name 24J GR –	Connector No. B12 Connector Name WIRE TO WIRE Connector Color WHITE	
Connector No. B1 Connector Name WIRE TO WIRE Connector Color WHITE State State	Connector No. B11 Connector Name FRONT LH SIDE AIR BAG MODULE Connector Color YELLOW H.S. Terminal No. Color of Signal Name 1 Y/R - 2 Y/B -	_

ABHIA0725GB

< WIRING DIAGRAM >

Connector No.	o. B26	9;	Connector No.	B71
Connector Na	ame JC	Connector Name JOINT CONNECTOR-B04	Connector Nar	Connector Name LH SIDE CURTAIN
Connector Color WHITE	Nor W	HTE		AIR BAG MODULE
			Connector Color YELLOW	or YELLOW
E		4 3 2 1 0	匠	ĘĘ.
Ċ			H.S.	
Torming! No Color of	Color of	J Compiler	Torming! NIA Color of	Color of Signal Manage
G	Wire		יים וווים ואס.	
F	GR	1	1	
2	GR	1	2	BR -
8	GR	ı		

LH SIDE AIR BAG (SATELLITE) SENSOR	YELLOW		Signal Name	_	-
			Color of Wire	Ж	g
Connector Name	Connector Color	「京 H.S.	Terminal No. Wire	1	2

B15

Connector No.

S	AIR BAG DIAGNOSIS SENSOR UNIT (FOR MEXICO)	YELLOW	28 27 25 31 2 40	Signal Name	PRH1 (+)	PRH1 (-)	RH BUCKLE SW INPUT	CRH1 (+)	CRH1 (-)	SRH (+)	SRH (-)	SATELLITE RH (+)	SATELLITE RH (-)	GND
F	e	ļ.,	8 33	Color of Wire	Y/G	λ	_	\	0	Y/R	Y/B	ш	В	SHIELD
	Connector Name	Connector Color	H.S.	Terminal No.	7	80	25	22	28	31	32	35	98	40

N	FRONT RH SIDE AIR E MODUL	YELLOW		Signal Name	I	
2 2				Color of Wire	Y/R	a/V
Cormector No.	Connector Name	Connector Color	H.S.	Terminal No.	-	c

Connector No.	b. B104	4
Connector Name WIRE TO WIRE	ame WIF	E TO WIRE
Connector Color WHITE	olor WH	ТЕ
H.S.	- 8 2 6	3 1 2 3 4 5 6 7
Terminal No.	Color of Wire	Signal Name
-	۸	-
2	BR	1

ABHIA0720GB

SRC-67 2014 Maxima NAM Revision: August 2013

Α

В

С

 D

Е

F

G

SRC

K

L

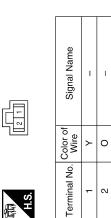
 \mathbb{N}

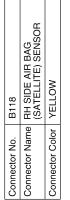
Ν

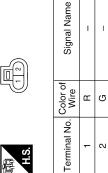
0

Р

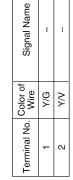
Connector No.	B141
Connector Name	RH SIDE CURTAIN AIR BAG MODULE
Connector Color YELLOW	YELLOW





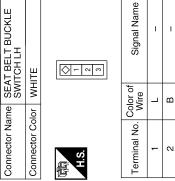








B202	Connector Name SEAT BELT BUCKLE SWITCH LH	WHITE	
Connector No.	Connector Name	Connector Color WHITE	

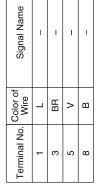


Connector No.	B201
Connector Name WIRE TO WIRE	WIRE TO WIRE
Connector Color	WHITE
E E	1 2

Signal Name	-	-
Color of Wire	٦	В
Terminal No. Wire	1	8

B148	WIRE TO WIRE	WHITE	
Connector No.	Connector Name WIRE TO WIRE	Connector Color	





ABHIA0726GB

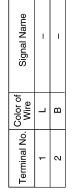
80	WIRE TO WIRE	WHITE	8 2 8	Signal Name	ı	ı	I	-
B308			1 4 5	Color of Wire	_	L/B	R/L	В
Connector No.	Sonnector Name	Connector Color	H.S.	Ferminal No.	-	ဗ	5	8

Connector No.	B303
Connector Name	Connector Name OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT
Connector Color WHITE	WHITE



9

B302	Connector Name SEAT BELT BUCKLE SWITCH RH	WHITE	
Connector No.	Connector Name	Connector Color WHITE	



Q-00

Α

В

С

D

Е

F

G

SRC

J

Κ

L

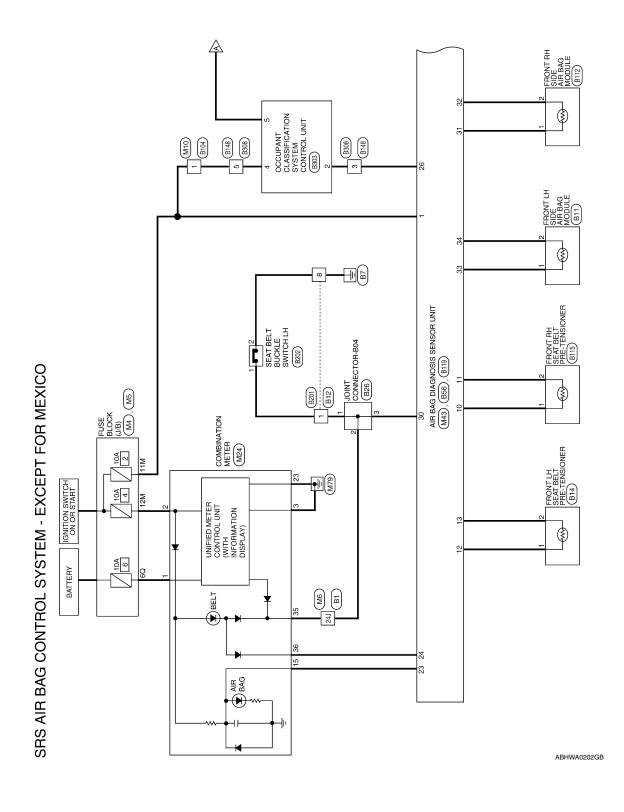
M

Ν

0

ABHIA0721GB

Р



Α

В

C

 D

Е

F

G

SRC

J

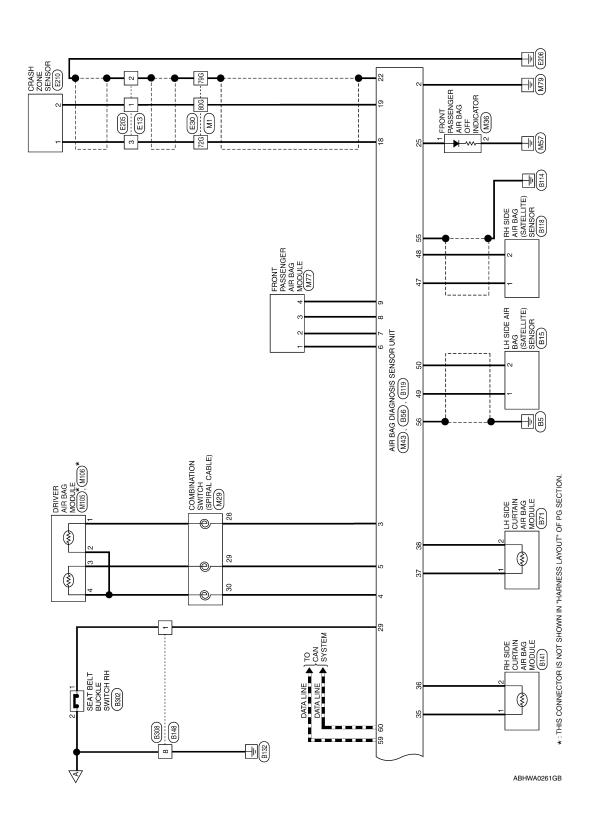
K

M

Ν

0

Ρ



Revision: August 2013 SRC-71 2014 Maxima NAM

SRS AIR BAG CONTROL SYSTEM CONNECTORS - EXCEPT FOR MEXICO

	FUSE BLOCK (J/B)	WHITE		5M 4M			Signal Name	1	ı									
. W2				5M 4M C			Color of Wire	R/L	0									
Connector No.	Connector Name	Connector Color	4				Terminal No. Wire	11M	12M									
Connector No. M4	Connector Name FUSE BLOCK (J/B)	Connector Color WHITE		40 30 <u>20 10</u> 100 90 80 70 60 50			Terminal No. Wire Signal Name	- A//R –										
	Connector Name WIRE TO WIRE	WHITE		86 76 66 56 46 36	176 166 156 146 136 126 116 106 26 16 16 26 25 25 25 25 25 25 2	346 336 326 316 306 296 286 276 196 186	416 406 396 376 366 356	50G 49G 48G 47G 46G 45G 44G 43G 42G	58G 57G 56G 55G	63G 62G 61G 60G 59G 54G 53G 52G 51G	726 716 706 696 686 676 666	80G 79G 78G 77G 76G 75G 74G 73G 65G 64G	836 826 816	}	of Signal Name	1		ı
o. M1	ame WI			98	176 166 1	346 336 32	416	50G 49G	58G 57	63G 62G 61	726 71	80G 79G 78	L	<u>'</u>]	Color of Wire	D/O	SHIELD	5
Connector No.	Connector Na	Connector Color	Į į											//	Terminal No.	72G	79G	80G

ABHIA0524GB

	M29
	Connector No. Connector Name Connector Color H.S. Terminal No. W 28 Y 28 Y 30 Y
TO WIRE E Signal Name	Signal Name GND (POWER) AIR BAG GND (CIRCUIT) DR BELT AS BELT
Connector No. M10 Connector Name WIRE TO WIRE Connector Color WHITE To 6 5 4 Color 1 18 12 11 10 9 8 19 11 11 10 10 10 10 10 10 10 10 10 10 10	Terminal No. Wire 3 B B BRW 23 B B 35 W/B 36 L/W
WIRE 51 41 33 12 11 12 11 12 11 12 11 12 11 12 11 12 11 12 11 12 11 12 11 12 11 12 11 12 11 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12	M24 COMBINATION METER WHITE 8 10 11 12 13 14 15 16 17 18 19 20 28 29 30 31 22 33 34 40 6 Signal Name R BAT IGN IGN
Nector No. No.	Dector No. Dector No. Dector No. Dector Color Dector Col
	\$\\\ \bar{\bar{\bar{\bar{\bar{\bar{\bar{

Revision: August 2013 SRC-73 2014 Maxima NAM

DR1 (-)&DR2 (-)

DR2 (+) AS1 (+) AS1 (-)

⋛

>

Y/BR Y/G

9

DR1 (+)

Υ/R

က 4 2

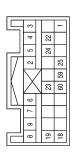
В

 α

GND IGN

Signal Name	AS2 (+)	AS2 (-)	ECZS (+)	ECZS (-)	GND	AIRBAG W/L	SEAT BELT REMINDER	CUTOFF TELLTALE	CAN-H	CAN-L
Color of Wire	\	Y/B	L/G	L/R	SHIELD	BR/W	L/W	^	٦	Ь
Terminal No. Wire	8	6	18	19	22	23	24	25	59	09





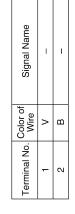
Signal Name

Color of Wire

Terminal No.

R/L

M36	ne FRONT PASSENGER AIR BAG OFF INDICATOR	or WHITE	2
Connector No.	Connector Name	Connector Color	in H.S.



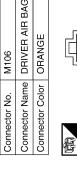
Connector No.	M106
Connector Name	Connector Name DRIVER AIR BAG MODULE
Connector Color ORANGE	ORANGE
	3 4

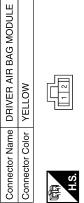
Signal Name

Color of Wire

Terminal No. က 4

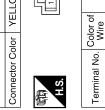
Signal Name





M105

Connector No.





	FRONT PASSENGER AIR BAG MODULE	YELLOW	3 2 1	Signal Name	1
. M77			4	Color of Wire	Y/BR
Connector No.	Connector Name	Connector Color	赋为 H.S.	Terminal No.	-

Signal	-	_	_	I
Color of Wire	Y/BR	Y/G	Y	Y/B
Terminal No.	-	2	3	4

0

ABHIA0714GB

Р

		А
Aame		В
Signal Name		С
Color of Wire SHIELD L/O		D
72G 79G 80G		Е
		F
MHITE MHIT	ZONE SENSOR V Signal Name	G
MHRE TO WIRE WHITE 36 46 56 66 76 86 96 16 16 16 16 16 16 16 16 16 16 16 16 16		SRC
Connector No. E. Connector Name W Connector Color W 16 26 11 16 26 12 16 26 438 8	I	I
Connector No. Connector Color Connector Color 166 166 666	Connector No. Connector Color Connector Color H.S. Terminal No. W	J
		K
Name	Name	L
E13 WIRE TO WIRE BLACK or of Signal Name CO	E205 WIRE TO WIRE BLACK a 2 1 r of Signal Name FELD G G	M
		N
Connector No. Connector Color H.S. Terminal No. W. 3 WH	Connector No. Connector Name Connector Color H.S. Terminal No. Will 2 SHII	0
	ABHIA0539GB	Р

SRC-75 Revision: August 2013 2014 Maxima NAM

Connector No. B11 Connector Name FRONT LH SIDE AIR BAG MODULE Connector Color YELLOW Terminal No. Wire 1 Y/R - 2 Y/B - 2 Y/B -	tor No. B15 tor Name LH SIDE AIR BA (SATELLITE) SI tor Color YELLOW Tor Color of Signa R	2 2
Terminal No. Color of Wire 24J GR –	tor No. B14 tor Color PRE-TENSION tor Color YELLOW	2 //V
Connector No. B1 Connector Name WIRE TO WIRE Connector Color WHITE Connector Color WHITE 13	Connector No. B12 Connector Name WIRE TO WIRE Connector Color WHITE A.S. Terminal No. Color of Signa Terminal No. Wire Signa	MM

< WIRING DIAGRAM >

Signal Name	PLH1 (-)	LH BUCKLE SW INPUT	(+) HTS	SLH (-)	CLH1 (+)	CLH1 (-)	SATELLITE LH (+)	SATELLITE LH (-)	GND
Color of Wire	۸/٨	GR	Y/R	Y/B	>	BR	В	G	SHIELD
Terminal No.	13	30	33	34	37	38	49	50	56

Connector No.	B56
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT (EXCEPT FOR MEXICO)
Connector Color YELLOW	YELLOW



B26

Connector No.



Signal Nam	I	-	I	
Color of Wire	GR	GR	GR	
Terminal No.	-	2	3	

Signal Name

Color of Wire

Terminal No.

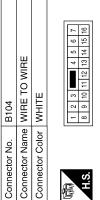
PLH1 (+)

Y/G

42





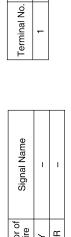






OLE ULE		
-H SIDE CORTAIN AIR BAG MODULE	YELLOW	

Connector No.	B71
Connector Name	LH SIDE CL AIR BAG M
Connector Color	YELLOW
	[



Signal Name

Color of Wire Y/R Y/B

Terminal No.

Signal Name

Color of Wire

0

S			
Color of Wire	>	BR	
Ferminal No.	-	2	

В

Α

C

 D

Е

F

G

SRC

J

K

L

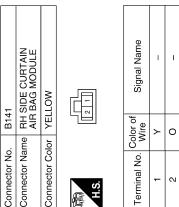
M

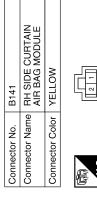
Ν

0

ABHIA0716GB

Ρ





Signal Name	CRH1 (+)	CRH1 (-)	SATELLITE RH (+)	SATELLITE RH (-)	GND
Color of Wire	>	0	В	В	SHIELD
9					

Signal Name	CRH1 (+)	CRH1 (-)	SATELLITE RH (+)	SATELLITE RH (-)	GND
Color of Wire	>	0	В	G	SHIELD
Terminal No. Wire	35	36	47	48	22

B118	RH SIDE AIR BAG (SATELLITE) SENSOR	YELLOW	
Connector No.	Connector Name	Connector Color YELLOW	



Color of Wire	В	G
Terminal No.	1	2
ame		

Signal Name

Signal Name	ı	-	
Color of Wire	A/G	٨/٨	
Terminal No.	-	2	

B119	AIR BAG DIAGNOSIS SENSOR UNIT (EXCEPT FOR MEXICO)	YELLOW	
Connector No.	Connector Name	Connector Color YELLOW	

			9]
			=	
H	31 32		48 29	
\parallel		十	47 4	
	\triangle	56	22	
	98			
	93			

Signal Name	PRH1 (+)	PRH1 (-)	ODS INPUT	RH BUCKLE SW INPI	SRH (+)	SRH (-)
Color of Wire	A/G	٨٨	BR	Г	Y/R	Y/B
Terminal No.	10	11	56	59	31	32

ABHIA0717GB





< WIRING DIAGRAM >

Connector Name WHEE TO WHEE Connector Name WHEE	Connector Name SEAT BELT BUCKLE SWITCH LH Connector Color WHITE		al No. V	1 L – – 2 B – –		Connector No. B308	Connector Name WIRE TO WIRE Connector Color WHITE	1 2 6 6 6 6 6 6 6 6 6	Terminal No. Color of Signal Name Wire		3 L/B –	5 R/L –	8 B					
Signal Name	WHITE	5 6 7 8	Color of Signal Name	1 1		B303	ANT CLASSIFICATION A CONTROL UNIT	4 8 2 2 8 2 2 8 2	Color of Signal Name	1	L/B SIGNAL	-	R/L POWER SUPPLY (+)	В		ı	1	
	WIRE TO WIRE	7 6 5 1	Color of Signal Name	1 1		B302	ELT BUCKLE		Color of Signal Name		1	8	4	5	9	2	8	

Revision: August 2013 SRC-79 2014 Maxima NAM

SYMPTOM DIAGNOSIS

SRS AIR BAG SYSTEM

"AIR BAG" Warning Lamp Does Not Turn Off

INFOID:0000000009466541

DIAGNOSTIC PROCEDURE

1. CHECK CONDITION OF AIR BAG MODULE

Inspect for any deployed air bag modules or seat belt pre-tensioners.

Are any air bag modules or seat belt pre-tensioners deployed?

YES >> Refer to <u>SR-5</u>, "<u>FOR USA AND CANADA</u>: <u>For Frontal Collision</u>" or <u>SR-7</u>, "<u>FOR USA AND CANADA</u>: <u>FOR Side and Rollover Collision</u>".

NO >> GO TO 2

2. CHECK THE AIR BAG FUSE

Check 10A fuse [No. 2, located in the fuse block (J/B)].

Is the fuse blown?

YES >> GO TO 3 NO >> GO TO 4

3.CHECK AIR BAG FUSE AGAIN

Replace 10A fuse [No. 2, located in the fuse block (J/B)] and turn ignition switch ON.

Does the fuse blow again?

YES >> Replace harness.

NO >> Inspection End.

4. CHECK AIR BAG DIAGNOSIS SENSOR UNIT

Connect CONSULT.

Is "AIR BAG" displayed on CONSULT?

YES >> GO TO 5

NO >> Visually inspect the air bag diagnosis sensor unit harness connections. If the connections are OK, replace the air bag diagnosis sensor unit. Refer to SR-31. "Removal and Installation".

5. CHECK HARNESS CONNECTION

Check for loose connections between the combination meter and the air bag diagnosis sensor unit.

Are there any loose connections?

YES >> Properly connect the combination meter and air bag diagnosis sensor unit harness connectors. If "AIR BAG" warning lamp still does not turn off, replace the wiring harness.

NO >> Replace air bag diagnosis sensor unit. Refer to SR-31, "Removal and Installation".

"AIR BAG" Warning Lamp Does Not Turn On

INFOID:0000000009466542

DIAGNOSTIC PROCEDURE

1. CHECK METER FUSE

Check the 10A fuse [No. 4, located in the fuse block (J/B)].

Is the fuse blown?

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

2.REPLACE METER FUSE AND CHECK AGAIN

Replace 10A fuse [No. 4, located in the fuse block (J/B)] and turn ignition switch ON.

Does the fuse blow again?

YES >> Replace harness.

NO >> Inspection End.

SRS AIR BAG SYSTEM

< SYMPTOM DIAGNOSIS >

3. CHECK HARNESS CONNECTIONS BETWEEN AIR BAG DIAGNOSIS SENSOR UNIT AND COMBINATION METER

Inspect the harness and connectors between the air bag diagnosis sensor unit and the combination meter.

Do the harness or connectors have any visible damage?

YES >> Replace harness.

NO >> GO TO 4

4. CHECK COMBINATION METER

Disconnect the air bag diagnosis sensor unit harness connectors and turn ignition switch ON. Does "AIR BAG" warning lamp turn on?

YES >> Replace the air bag diagnosis sensor unit. Refer to <u>SR-31</u>, "Removal and Installation".

NO >> Replace the combination meter. Refer to MWI-122, "Removal and Installation".

SRC

Α

В

C

D

Е

F

K

L

M

Ν

0

Р

PASSENGER SEAT BELT WARNING SYSTEM

< SYMPTOM DIAGNOSIS >

PASSENGER SEAT BELT WARNING SYSTEM

Seat Belt Warning System Does Not Function

INFOID:0000000009466543

1.SEAT BELT WARNING LIGHT

Turn ignition switch ON.

Does the seat belt warning lamp come ON?

YES >> GO TO 2

NO >>

- >> Check 10A fuse [No. 4, located in the fuse block (J/B)].
 - · Check seat belt buckle switch LH.
 - · Check harness between combination meter and seat belt buckle switch LH.
 - · Check combination meter. Refer to MWI-50, "Fail Safe".

2. SEAT BELT BUCKLE LH

Fasten the seat belt buckle LH.

Does the seat belt warning lamp go OFF?

YES >> GO TO 3

NO >> • Ch

>> • Check seat belt buckle switch LH.

Check harness between combination meter and seat belt buckle switch LH.

3. OCCUPANT CLASSIFICATION SYSTEM

Have a helper sit in the passenger seat.

Does the seat belt warning lamp go ON?

YES >> GO TO 4

NO

- >> Check occupant classification system. Refer to SRC-10, "Occupant Classification System (OCS)".
 - · Check harness between occupant classification control unit and air bag diagnosis sensor unit.

4. SEAT BELT BUCKLE RH

Fasten the seat belt buckle RH.

Does the seat belt warning lamp go OFF?

YES >> System OK.

NO

- >> Check seat belt buckle switch RH.
 - · Check harness between seat belt buckle switch RH and air bag diagnosis sensor unit.
 - Replace air bag diagnosis sensor unit. Refer to SR-31, "Removal and Installation".

PRECAUTION

PRECAUTIONS

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

The Supplemental Restraint System such as "AIR BAG" and "SEAT BELT PRE-TENSIONER", used along with a front seat belt, helps to reduce the risk or severity of injury to the driver and front passenger for certain types of collision. This system includes seat belt switch inputs and dual stage front air bag modules. The SRS system uses the seat belt switches to determine the front air bag deployment, and may only deploy one front air bag, depending on the severity of a collision and whether the front occupants are belted or unbelted. Information necessary to service the system safely is included in the SR and SB section of this Service Manual.

WARNING:

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

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

WARNING:

- When working near the Airbag Diagnosis Sensor Unit or other Airbag System sensors with the Ignition ON or engine running, DO NOT use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.
- When using air or electric power tools or hammers, always switch the Ignition OFF, disconnect the battery and wait at least 3 minutes before performing any service.

Precaution for SRS "AIR BAG" and "SEAT BELT PRE-TENSIONER" Service

INFOID:0000000009466545

- Do not use electrical test equipment to check SRS circuits unless instructed to in this Service Manual.
- Before servicing the SRS, turn ignition switch OFF, disconnect both battery cables and wait at least 3 minutes.
 - For approximately 3 minutes after the cables are removed, it is still possible for the air bag and seat belt pretensioner to deploy. Therefore, do not work on any SRS connectors or wires until at least 3 minutes have passed.
- The air bag diagnosis sensor unit must always be installed with the arrow mark "

 " pointing toward the front of the vehicle for proper operation. Also check air bag diagnosis sensor unit for cracks, deformities or rust before installation and replace as required.
- The spiral cable must be aligned with the neutral position since its rotations are limited. Do not attempt to turn steering wheel or column after removal of steering gear.
- Handle air bag module carefully. Always place driver and front passenger air bag modules with the pad side facing upward and seat mounted front side air bag module standing with the stud bolt side facing down.
- Conduct self-diagnosis to check entire SRS for proper function after replacing any components.
- After air bag inflates, the front instrument panel assembly should be replaced if damaged.

Occupant Classification System Precaution

Replace occupant classification system control unit and passenger front seat cushion as an assembly.

SRC

Α

В

D

Е

0

INFOID:0000000009466546