AIRBAG SYSTEM (DIAGNOSTICS)

16. Diagnostic Chart with Trouble Code

A: DTC U0073 CONTROL MODULE COMMUNICATION BUS "A" OFF

This is detected when a CAN line malfunction occurs.

NOTE:

Perform the diagnosis for LAN system. <Ref. to LAN(diag)-2, PROCEDURE, Basic Diagnostic Procedure.>

B: DTC B1000 AIRBAG ECU MALFUNCTION

DTC DETECTING CONDITION:

Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

	Step	Check	Yes	No
1	CHECK DTC.	Is any of B1000, B1003, B1105,	Replace the airbag	Perform the Clear
	Read the DTC. (Current malfunction) <ref. th="" to<=""><th>B1106, B1115, B1116, B1120,</th><th>control module.</th><th>Memory Mode.</th></ref.>	B1106, B1115, B1116, B1120,	control module.	Memory Mode.
	AB(diag)-27, Read Diagnostic Trouble Code	B1121, B1125, B1126, B1135,	<ref. ab-77,<="" th="" to=""><th><ref. ab(diag)-<="" th="" to=""></ref.></th></ref.>	<ref. ab(diag)-<="" th="" to=""></ref.>
	(DTC).>	B1136, B1145, B1146, B1170,	Airbag Control	29, Clear Memory
		B1185, B1195, B1196 or	Module.>	Mode.>
		B1199 displayed?		

C: DTC B1003 AIRBAG ECU MALFUNCTION

NOTE:

Refer to DTC B1103 for details on DTC B1000. <Ref. to AB(diag)-45, DTC B1000 AIRBAG ECU MALFUNC-TION, Diagnostic Chart with Trouble Code.>

D: DTC B1105 AIRBAG ECU MALFUNCTION

NOTE:

Refer to DTC B1105 for details on DTC B1000. <Ref. to AB(diag)-45, DTC B1000 AIRBAG ECU MALFUNC-TION, Diagnostic Chart with Trouble Code.>

E: DTC B1106 AIRBAG ECU MALFUNCTION

NOTE:

Refer to DTC B1106 for details on DTC B1000. <Ref. to AB(diag)-45, DTC B1000 AIRBAG ECU MALFUNCTION, Diagnostic Chart with Trouble Code.>

F: DTC B1115 AIRBAG ECU MALFUNCTION

NOTE:

Refer to DTC B1115 for details on DTC B1000. <Ref. to AB(diag)-45, DTC B1000 AIRBAG ECU MALFUNCTION, Diagnostic Chart with Trouble Code.>

G: DTC B1116 AIRBAG ECU MALFUNCTION

NOTE:

Refer to DTC B1116 for details on DTC B1000. <Ref. to AB(diag)-45, DTC B1000 AIRBAG ECU MALFUNC-TION, Diagnostic Chart with Trouble Code.>

H: DTC B1120 AIRBAG ECU MALFUNCTION

NOTE

Refer to DTC B1120 for details on DTC B1000. <Ref. to AB(diag)-45, DTC B1000 AIRBAG ECU MALFUNCTION, Diagnostic Chart with Trouble Code.>

I: DTC B1121 AIRBAG ECU MALFUNCTION

NOTE:

Refer to DTC B1121 for details on DTC B1000. <Ref. to AB(diag)-45, DTC B1000 AIRBAG ECU MALFUNCTION, Diagnostic Chart with Trouble Code.>

J: DTC B1125 AIRBAG ECU MALFUNCTION

NOTE:

Refer to DTC B1125 for details on DTC B1000. <Ref. to AB(diag)-45, DTC B1000 AIRBAG ECU MALFUNCTION, Diagnostic Chart with Trouble Code.>

K: DTC B1126 AIRBAG ECU MALFUNCTION

NOTE:

Refer to DTC B1126 for details on DTC B1000. <Ref. to AB(diag)-45, DTC B1000 AIRBAG ECU MALFUNCTION, Diagnostic Chart with Trouble Code.>

L: DTC B1135 AIRBAG ECU MALFUNCTION

NOTE:

Refer to DTC B1135 for details on DTC B1000. <Ref. to AB(diag)-45, DTC B1000 AIRBAG ECU MALFUNCTION, Diagnostic Chart with Trouble Code.>

M: DTC B1136 AIRBAG ECU MALFUNCTION

NOTE:

Refer to DTC B1136 for details on DTC B1000. <Ref. to AB(diag)-45, DTC B1000 AIRBAG ECU MALFUNC-TION, Diagnostic Chart with Trouble Code.>

N: DTC B1145 AIRBAG ECU MALFUNCTION

NOTE:

Refer to DTC B1145 for details on DTC B1000. <Ref. to AB(diag)-45, DTC B1000 AIRBAG ECU MALFUNCTION, Diagnostic Chart with Trouble Code.>

O: DTC B1146 AIRBAG ECU MALFUNCTION

NOTE:

Refer to DTC B1146 for details on DTC B1000. <Ref. to AB(diag)-45, DTC B1000 AIRBAG ECU MALFUNC-TION, Diagnostic Chart with Trouble Code.>

P: DTC B1170 AIRBAG ECU MALFUNCTION

NOTE:

Refer to DTC B1170 for details on DTC B1000. <Ref. to AB(diag)-45, DTC B1000 AIRBAG ECU MALFUNC-TION, Diagnostic Chart with Trouble Code.>

Q: DTC B1185 AIRBAG ECU MALFUNCTION

NOTE:

Refer to DTC B1185 for details on DTC B1000. <Ref. to AB(diag)-45, DTC B1000 AIRBAG ECU MALFUNC-TION, Diagnostic Chart with Trouble Code.>

R: DTC B1195 AIRBAG ECU MALFUNCTION

NOTE

Refer to DTC B1195 for details on DTC B1000. <Ref. to AB(diag)-45, DTC B1000 AIRBAG ECU MALFUNCTION, Diagnostic Chart with Trouble Code.>

S: DTC B1196 AIRBAG ECU MALFUNCTION

NOTE:

Refer to DTC B1196 for details on DTC B1000. <Ref. to AB(diag)-45, DTC B1000 AIRBAG ECU MALFUNCTION, Diagnostic Chart with Trouble Code.>

T: DTC B1199 AIRBAG ECU MALFUNCTION

NOTE:

Refer to DTC B1199 for details on DTC B1000. <Ref. to AB(diag)-45, DTC B1000 AIRBAG ECU MALFUNCTION, Diagnostic Chart with Trouble Code.>

U: DTC B11E0 ROLLOVER IGNITION

This DTC is indicated when the curtain airbag module and the seat belt pretensioner are deployed. Once this DTC is displayed, the memory cannot be cleared. Replace the following parts.

- Airbag control module <Ref. to AB-77, Airbag Control Module.>
- Curtain airbag module <Ref. to AB-74, Curtain Airbag Module.>
- Front outer seat belt with pretensioner <Ref. to SB-16, Front Seat Belt.>

V: DTC B11F2 FRONT IMPACT IGNITION

DTC DETECTING CONDITION:

This DTC is indicated when the front airbag module and the pretensioner are deployed.

Once this DTC is displayed, the memory cannot be cleared. Therefore replace the following parts.

- Airbag control module <Ref. to AB-77, Airbag Control Module.>
- Driver's airbag module <Ref. to AB-42, Driver's Airbag Module.>
- Passenger's airbag module <Ref. to AB-47, Passenger's Airbag Module.>
- Front sub sensor of both sides. <Ref. to AB-81, Front Sub Sensor.>
- Front outer seat belt with pretensioner of both sides. <Ref. to SB-16, Front Seat Belt.>
- Steering roll connector <Ref. to AB-104, Roll Connector.>
- Occupant detection system (passenger's seat cushion & frame assembly) <Ref. to SE-7, Front Seat.>

W: DTC B11F3 FRONT IMPACT IGNITION

NOTE:

For details on DTC B11F3, refer to DTC B11F2. <Ref. to AB(diag)-47, DTC B11F2 FRONT IMPACT IGNITION, Diagnostic Chart with Trouble Code.>

X: DTC B11F4 FRONT IMPACT IGNITION

NOTE:

For details on DTC B11F4, refer to DTC B11F2. <Ref. to AB(diag)-47, DTC B11F2 FRONT IMPACT IGNITION, Diagnostic Chart with Trouble Code.>

Y: DTC B11F5 FRONT IMPACT IGNITION

NOTE:

For details on DTC B11F5, refer to DTC B11F2. <Ref. to AB(diag)-47, DTC B11F2 FRONT IMPACT IGNITION, Diagnostic Chart with Trouble Code.>

AIRBAG SYSTEM (DIAGNOSTICS)

Z: DTC B11F7 SIDE IMPACT IGNITION

This DTC is displayed when the side airbag module and curtain airbag module are deployed.

Once this DTC is displayed, the memory cannot be cleared. Replace the following parts.

- Airbag control module <Ref. to AB-77, Airbag Control Module.>
- Side airbag module (operating side) < Ref. to AB-66, Side Airbag Module.>
- Side airbag sensor (operating side) <Ref. to AB-88, Side Airbag Sensor.>
- Curtain airbag module (operating side) <Ref. to AB-74, Curtain Airbag Module.>
- Curtain airbag sensor (operating side) < Ref. to AB-93, Curtain Airbag Sensor.>
- Satellite safing sensor < Ref. to AB-101, Satellite Safing Sensor. >
- Front door impact sensor (operating side) < Ref. to AB-85, Front Door Impact Sensor.>

AA:DTC B11F8 SIDE IMPACT IGNITION

NOTE:

For details on DTC B11F8. refer to DTC B11F7. <Ref. to AB(diag)-48, DTC B11F7 SIDE IMPACT IGNITION, Diagnostic Chart with Trouble Code.>

AB:DTC B11F9 SIDE IMPACT IGNITION

NOTE:

For details on DTC B11F9, refer to DTC B11F7. <Ref. to AB(diag)-48, DTC B11F7 SIDE IMPACT IGNITION, Diagnostic Chart with Trouble Code.>

AC:DTC B11FA SIDE IMPACT IGNITION

NOTE:

For details on DTC B11FA, refer to DTC B11F7. <Ref. to AB(diag)-48, DTC B11F7 SIDE IMPACT IGNITION, Diagnostic Chart with Trouble Code.>

AD:DTC B11FB SIDE IMPACT IGNITION

NOTE:

For details on DTC B11FB, refer to DTC B11F7. <Ref. to AB(diag)-48, DTC B11F7 SIDE IMPACT IGNITION, Diagnostic Chart with Trouble Code.>

AE:DTC B11FC SIDE IMPACT IGNITION

NOTE:

For details on DTC B11FC, refer to DTC B11F7. <Ref. to AB(diag)-48, DTC B11F7 SIDE IMPACT IGNITION, Diagnostic Chart with Trouble Code.>

AF:DTC B1610 FRONT SUB SENSOR RH FAILURE

DTC DETECTING CONDITION:

Front sub sensor (RH) is faulty.

If DTC B1610 is displayed, the circuit within the front sub sensor (RH) is faulty.

Replace the front sub sensor (RH). <Ref. to AB-81, Front Sub Sensor.>

AG:DTC B1612 FRONT SUB SENSOR RH LOST COMMUNICATION

NOTE:

For details on DTC B1612, refer to DTC B1613. <Ref. to AB(diag)-49, DTC B1613 FRONT SUB SENSOR RH INITIALIZATION ERROR, Diagnostic Chart with Trouble Code.>

AH: DTC B1613 FRONT SUB SENSOR RH INITIALIZATION ERROR

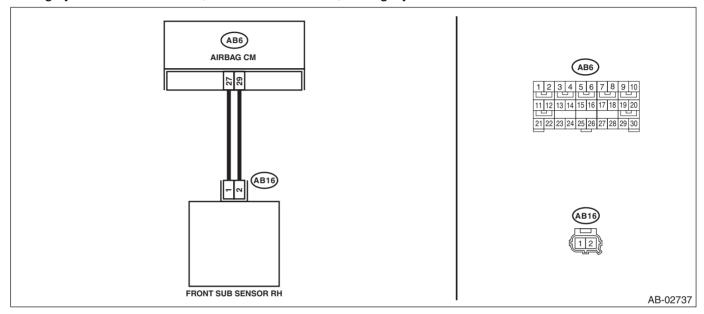
DTC DETECTING CONDITION:

- Open or short circuit in harness of front sensor bus (RH).
- · Front sub sensor (RH) is faulty.
- Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS.	·	Replace the airbag main harness	Go to step 2.
	Check for poor contact of the connectors (AB6, AB16) between the airbag control module and the front sub sensor (RH).		along with body harness.	

	Step	Check	Yes	No
2	CHECK AIRBAG MAIN HARNESS (FRONT	Is the resistance less than 10	Go to step 3.	Replace the airbag
	SENSOR BUS RH).	Ω?		main harness
	 Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 sec- 			along with body harness.
	onds or more.			namess.
	Remove the instrument panel lower cover			
	and column cover, and disconnect the connec-			
	tors (AB7) and (AB2).			
	3) Remove the console front panel and discon-			
	nect the connector (AB9).			
	4) Disconnect the connectors (AB6, AB17,			
	AB18) from airbag control module. 5) Connect the connector (1AG) in the test har-			
	ness AG to the connectors (AB6, AB17, AB18).			
	NOTE:			
	Except for XV models, connect test harness AH			
	between the connectors (AB6, AB17, AB18)			
	and (1AG).			
	6) Disconnect the connector (AB16) from the			
	front sub sensor (RH), and then connect the			
	connector (1H) in the test harness H to connec-			
	tor (AB16).			
	 Measure the resistance between connector (4AG) in the test harness AG and connector 			
	(3H) in the test harness H.			
	Connector & terminal			
	(4AG) No. 14 — (3H) No. 5:			
	(4AG) No. 12 — (3H) No. 6:			
3	CHECK AIRBAG MAIN HARNESS (FRONT	Is the resistance 1 $M\Omega$ or	Go to step 4.	Replace the airbag
	SENSOR BUS RH).	more?		main harness
	Measure the resistance between connector			along with body
	(4AG) in the test harness AG and chassis ground, and the resistance between connector			harness.
	(4AG) terminals in the test harness AG.			
	Connector & terminal			
	(4AG) No. 12 — Chassis ground:			
	(4AG) No. 14 — Chassis ground:			
	(4AG) No. 12 — (4AG) No. 14:			
4	CHECK AIRBAG CONTROL MODULE.	Is the same DTC displayed?	Replace the front	Go to step 5 .
	Connect all connectors.		sub sensor (RH).	
	2) Clear the memory.3) Perform the Inspection Mode.		<ref. ab-81,<br="" to="">REMOVAL, Front</ref.>	
	4) Read the DTC. (Current malfunction)		Sub Sensor.>	
	i) Hoad the Bro. (Garrent manufactori)		Replace the airbag	
			control module if	
			not operating nor-	
			mally even after	
			replacing the sen-	
			sor. <ref. ab-<="" td="" to=""><td></td></ref.>	
			77, REMOVAL, Airbag Control Mod-	
			ule.>	
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using	Finish the diagno-
			"List of Diagnostic	sis.
			Trouble Code".	
			<ref. ab(diag)-<="" td="" to=""><td></td></ref.>	
			34, List of Diagnos-	
			tic Trouble Code	
			(DTC).>	

AIRBAG SYSTEM (DIAGNOSTICS)

AI: DTC B1615 FRONT SUB SENSOR LH FAILURE

DTC DETECTING CONDITION:

Front sub sensor (LH) is faulty.

If DTC B1615 is displayed, the circuit within the front sub sensor (LH) is faulty.

Replace the front sub sensor (LH). <Ref. to AB-81, Front Sub Sensor.>

AJ:DTC B1617 FRONT SUB SENSOR LH LOST COMMUNICATION

NOTE:

For details on DTC B1617, refer to DTC B1618. <Ref. to AB(diag)-52, DTC B1618 FRONT SUB SENSOR LH INITIALIZATION ERROR, Diagnostic Chart with Trouble Code.>

AK:DTC B1618 FRONT SUB SENSOR LH INITIALIZATION ERROR

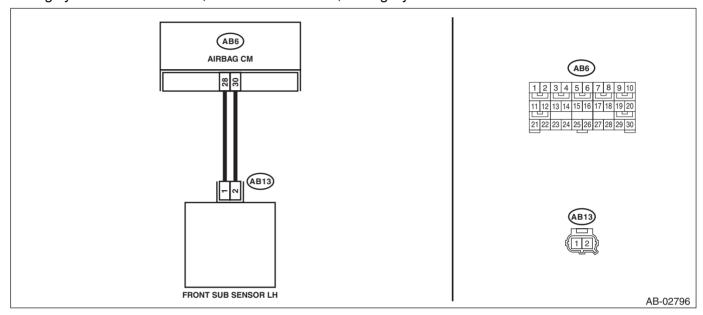
DTC DETECTING CONDITION:

- Open or short circuit in harness of front sensor bus (LH).
- · Front sub sensor (LH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



Step	Check	Yes	No
CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors (AB6, AB13) between the airbag control module and the front sub sensor (LH).	·	Replace the airbag main harness along with body harness.	Go to step 2.

	Step	Check	Yes	No
2	CHECK AIRBAG MAIN HARNESS (FRONT	Is the resistance less than 10	Go to step 3.	Replace the airbag
	SENSOR BUS LH).	Ω ?		main harness
	 Turn the ignition switch to OFF, disconnect 			along with body
	the battery ground cable, and wait for 60 sec-			harness.
	onds or more.			
	Remove the instrument panel lower cover			
	and column cover, and disconnect the connec-			
	tors (AB7) and (AB2).			
	3) Remove the console front panel and discon-			
	nect the connector (AB9).			
	4) Disconnect the connectors (AB6, AB17,			
	AB18) from airbag control module.			
	5) Connect the connector (1AG) in the test har-			
	ness AG to the connectors (AB6, AB17, AB18).			
	NOTE:			
	Except for XV models, connect test harness AH			
	between the connectors (AB6, AB17, AB18)			
	and (1AG).			
	6) Disconnect the connector (AB13) from the			
	front sub sensor (LH), and then connect the			
	connector (1H) in the test harness H to connec-			
	tor (AB13).			
	7) Measure the resistance between connector			
	(4AG) in the test harness AG and connector			
	(3H) in the test harness H.			
	Connector & terminal			
	(4AG) No. 7 — (3H) No. 5:			
_	(4AG) No. 9 — (3H) No. 6:			
3	CHECK AIRBAG MAIN HARNESS (FRONT	Is the resistance 1 M Ω or	Go to step 4.	Replace the airbag
	SENSOR BUS LH).	more?		main harness
	Measure the resistance between connector			along with body
	(4AG) in the test harness AG and chassis			harness.
	ground, and the resistance between connector			
	(4AG) terminals in the test harness AG. Connector & terminal			
	(4AG) No. 7 — Chassis ground:			
	(4AG) No. 7 — Chassis ground: (4AG) No. 9 — Chassis ground:			
	(4AG) No. 7 — Chassis ground. (4AG) No. 7 — (4AG) No. 9:			
1	CHECK AIRBAG CONTROL MODULE.	Is the same DTC displayed?	Replace the front	Go to stop 5
4	Connect all connectors.	lis the same DTC displayed:	sub sensor (LH).	Go to step 5.
	2) Clear the memory.		<ref. ab-81,<="" td="" to=""><td></td></ref.>	
	3) Perform the Inspection Mode.		REMOVAL, Front	
	4) Read the DTC. (Current malfunction)		Sub Sensor.>	
	., House the Bro. (Guitont maillanotton)		Replace the airbag	
			control module if	
			not operating nor-	
			mally even after	
			replacing the sen-	
			sor. <ref. ab-<="" td="" to=""><td></td></ref.>	
			77, REMOVAL, Air-	
			bag Control Mod-	
			ule.>	
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using	Finish the diagno-
1			"List of Diagnostic	sis.
			Trouble Code".	-:
			<ref. ab(diag)-<="" td="" to=""><td></td></ref.>	
			34, List of Diagnos-	
			tic Trouble Code	
			(DTC).>	
		l .	ı` '	l

AL:DTC B16F2 FRONT SUB SENSOR RH RECOGNITION ERROR

DTC DETECTING CONDITION:

Front sub sensor (RH) is misinstalled.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

	Step	Check	Yes	No
1	REPLACE FRONT SUB SENSOR.	Does the warning light go off?	Finish the diagno-	Replace the airbag
	1) Turn the ignition switch to OFF, disconnect		sis.	control module.
	the battery ground cable, and wait for 60 sec-			<ref. ab-77,<="" th="" to=""></ref.>
	onds or more.			REMOVAL, Airbag
	2) Replace the front sub sensor (RH) with a			Control Module.>
	genuine sensor. <ref. ab-81,="" removal,<="" th="" to=""><th></th><th></th><th></th></ref.>			
	Front Sub Sensor.>			

AM:DTC B16F3 FRONT SUB SENSOR LH RECOGNITION ERROR

DTC DETECTING CONDITION:

Front sub sensor (LH) is misinstalled.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

	Step	Check	Yes	No
1	REPLACE FRONT SUB SENSOR. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Replace the front sub sensor (LH) with a genuine sensor. <ref. ab-81,="" front="" removal,="" sensor.="" sub="" to=""></ref.>	Does the warning light go off?	sis.	Replace the airbag control module. <ref. ab-77,<br="" to="">REMOVAL, Airbag Control Module.></ref.>

AN:DTC B1620 SIDE AIRBAG SENSOR RH FAILURE

DTC DETECTING CONDITION:

Side airbag sensor (RH) is faulty.

When DTC B1620 is displayed, the circuit within the side airbag sensor (RH) is faulty.

Replace the side airbag sensor (RH). <Ref. to AB-88, Side Airbag Sensor.>

AO: DTC B1622 SIDE AIRBAG SENSOR RH LOST COMMUNICATION

NOTE:

For details on DTC B1622, refer to DTC B1623. <Ref. to AB(diag)-55, DTC B1623 SIDE AIRBAG SENSOR RH INITIALIZATION ERROR, Diagnostic Chart with Trouble Code.>

AP:DTC B1623 SIDE AIRBAG SENSOR RH INITIALIZATION ERROR

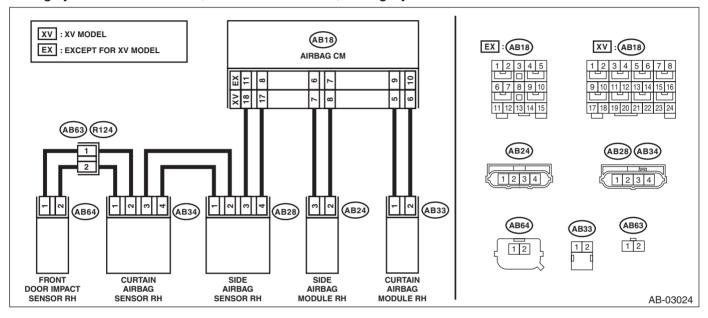
DTC DETECTING CONDITION:

- · Open or short circuit in harness of side sensor bus (RH).
- Side airbag sensor (RH) and curtain airbag sensor (RH) are faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNEC-	Is there poor contact?	Replace the airbag	Go to step 2.
	TORS.	·	rear harness along	·
	Check for poor contact of the connectors		with body harness.	
	between the airbag control module and the side			
	airbag sensor (RH).			
2	CHECK AIRBAG REAR HARNESS (BE-	Is the resistance less than 10	Go to step 3.	Replace the airbag
	TWEEN AIRBAG CONTROL MODULE AND	Ω?		rear harness along
	SIDE AIRBAG SENSOR RH).			with body harness.
	Turn the ignition switch to OFF, disconnect			
	the battery ground cable, and wait for 60 sec-			
	onds or more.			
	2) Disconnect the connector (AB26) from seat			
	belt pretensioner (RH).			
	3) Disconnect the connector (AB33) from curtain sirbag modulo (BH)			
	tain airbag module (RH). 4) Disconnect connector (AB24) of the side			
	airbag module (RH).			
	5) Disconnect the connectors (AB6, AB17,			
	AB18) from airbag control module.			
	6) Connect the connector (1AG) in the test har-			
	ness AG to the connectors (AB6, AB17, AB18).			
	NOTE:			
	Except for XV models, connect test harness AH			
	between the connectors (AB6, AB17, AB18)			
	and (1AG).			
	7) Disconnect the connector (AB28) from side			
	airbag sensor (RH), and connect the connector			
	(2V) in test harness V to connector (AB28).			
	8) Measure the resistance between connector			
	(5AG) in the test harness AG and connector			
	(3V) in the test harness V.			
	Connector & terminal			
	XV model			
	(5AG) No. 14 — (3V) No. 1:			
	(5AG) No. 16 — (3V) No. 2:			
	Except for XV model (5AG) No. 14 — (3V) No. 1:			
	(5AG) No. 14 — (3V) No. 1: (5AG) No. 15 — (3V) No. 2:			
3	CHECK AIRBAG REAR HARNESS (BE-	Is the resistance 1 M Ω or	Go to step 4.	Replace the airbag
ľ	TWEEN AIRBAG CONTROL MODULE AND	more?	GO 10 310p 4.	rear harness along
	SIDE AIRBAG SENSOR RH).			with body harness.
	Measure the resistance between test harness			,
	AG connectors (5AG) and chassis ground, and			
	the resistance between connectors (5AG) of the			
	test harness AG.			
	Connector & terminal			
	(3V) No. 1 — Chassis ground:			
	(3V) No. 2 — Chassis ground:			
	(3V) No. 1 — (3V) No. 2:			_
4	CHECK AIRBAG CONTROL MODULE.	Is the same DTC displayed?	Go to step 5.	Go to step 6.
	Connect all connectors.			
	2) Clear the memory.			
	3) Perform the Inspection Mode.			
	Read the DTC. (Current malfunction)		I	l

AIRBAG SYSTEM (DIAGNOSTICS)

	Step	Check	Yes	No
5	REPLACE SIDE AIRBAG SENSOR (RH) AND CHECK AIRBAG CONTROL MODULE AFTER REPLACEMENT. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Replace the side airbag sensor (RH). <ref. ab-88,="" airbag="" removal,="" sensor.="" side="" to=""> 3) Connect all connectors. 4) Clear the memory. 5) Perform the Inspection Mode. 6) Read the DTC. (Current malfunction)</ref.>	Is the system normal?	Go to step 6.	Replace the curtain airbag sensor (RH). <ref. ab-93,="" airbag="" curtain="" removal,="" sensor.="" to=""> Replace the airbag control module if not operating normally even after replacing the sensor. <ref. ab-77,="" airbag="" control="" module.="" removal,="" to=""></ref.></ref.>
6	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Finish the diagnosis.

AQ:DTC B1625 SIDE AIRBAG SENSOR LH FAILURE

DTC DETECTING CONDITION:

Side airbag sensor (LH) is faulty.

When DTC B1625 is displayed, the circuit within the side airbag sensor (LH) is faulty. Replace the side airbag sensor (LH). <Ref. to AB-88, Side Airbag Sensor.>

AR:DTC B1627 SIDE AIRBAG SENSOR LH LOST COMMUNICATION

NOTE:

For details on DTC B1627, refer to DTC B1628. <Ref. to AB(diag)-58, DTC B1628 SIDE AIRBAG SENSOR LH INITIALIZATION ERROR, Diagnostic Chart with Trouble Code.>

AS:DTC B1628 SIDE AIRBAG SENSOR LH INITIALIZATION ERROR

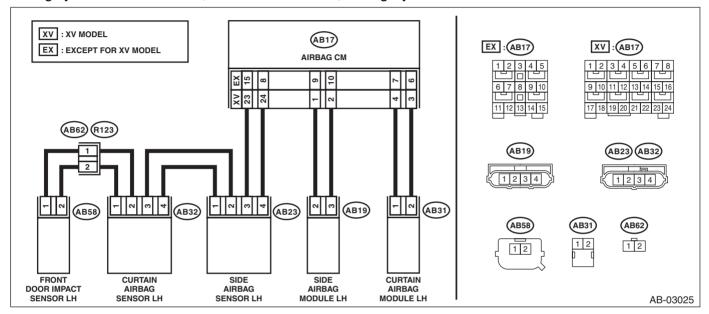
DTC DETECTING CONDITION:

- Open or short circuit in harness of side sensor bus (LH).
- Side airbag sensor (LH) and curtain airbag sensor (LH) are faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNEC-	Is there poor contact?	Replace the airbag	Go to step 2.
	TORS.	le more poor contact.	rear harness along	G0 10 010p 2 .
	Check for poor contact of the connectors		with body harness.	
	between the airbag control module and the side		Will body namood.	
	airbag sensor (RH).			
2	CHECK AIRBAG REAR HARNESS (BE-	Is the resistance less than 10	Go to step 3.	Replace the airbag
	TWEEN AIRBAG CONTROL MODULE AND	Ω ?		rear harness along
	SIDE AIRBAG SENSOR LH).			with body harness.
	1) Turn the ignition switch to OFF, disconnect			
	the battery ground cable, and wait for 60 sec-			
	onds or more.			
	2) Disconnect the connector (AB21) from seat			
	belt pretensioner (LH).			
	3) Disconnect the connector (AB31) from cur-			
	tain airbag module (LH).			
	4) Disconnect connector (AB19) of the side			
	airbag module (LH).			
	5) Disconnect the connectors (AB17, AB6,			
	AB18) from airbag control module.			
	6) Connect the connector (1AG) in the test har-			
	ness AG to the connectors (AB6, AB17, AB18).			
	NOTE:			
	Except for XV models, connect test harness AH			
	between the connectors (AB6, AB17, AB18)			
	and (1AG).			
	7) Disconnect the connector (AB23) from side			
	airbag sensor (LH), and connect the connector			
	(2V) in test harness V to connector (AB23).			
	8) Measure the resistance between connector			
	(5AG) in the test harness AG and connector			
	(3V) in the test harness V.			
	Connector & terminal			
	XV model			
	(5AG) No. 8 — (3V) No. 2:			
	(5AG) No. 10 — (3V) No. 1:			
	Except for XV model			
	(5AG) No. 9 — (3V) No. 2:			
	(5AG) No. 10 — (3V) No. 1:			
3	CHECK AIRBAG REAR HARNESS (BE-	Is the resistance 1 $M\Omega$ or	Go to step 4.	Replace the airbag
	TWEEN AIRBAG CONTROL MODULE AND	more?		rear harness along
	SIDE AIRBAG SENSOR LH).			with body harness.
	Measure the resistance between test harness			
	AG connectors (5AG) and chassis ground, and			
	the resistance between connectors (5AG) of the			
	test harness AG.			
	Connector & terminal			
	(3V) No. 1 — Chassis ground:			
	(3V) No. 2 — Chassis ground:			
4	(3V) No. 1 — (3V) No. 2:	le the come DTO disclass 12	Co to oto:- 5	Co to oto - C
4	CHECK AIRBAG CONTROL MODULE.	Is the same DTC displayed?	Go to step 5.	Go to step 6.
	Connect all connectors. Clear the memory.			
	Clear the memory. Perform the Inspection Mode.			
	Perform the Inspection Mode. Pead the DTC (Current malfunction)			
	Read the DTC. (Current malfunction)		ĺ	1

AIRBAG SYSTEM (DIAGNOSTICS)

	Step	Check	Yes	No
5	REPLACE SIDE AIRBAG SENSOR (LH) AND CHECK AIRBAG CONTROL MODULE AFTER REPLACEMENT. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Replace the side airbag sensor (LH). <ref. ab-88,="" airbag="" removal,="" sensor.="" side="" to=""> 3) Connect all connectors. 4) Clear the memory. 5) Perform the Inspection Mode. 6) Read the DTC. (Current malfunction)</ref.>	Is the system normal?	Go to step 6.	Replace the curtain airbag sensor (LH). <ref. ab-93,="" airbag="" curtain="" removal,="" sensor.="" to=""> Replace the airbag control module if not operating normally even after replacing the sensor. <ref. ab-77,="" airbag="" control="" module.="" removal,="" to=""></ref.></ref.>
6	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Finish the diagnosis.

AT:DTC B1630 CURTAIN AIRBAG SENSOR RH FAILURE

DTC DETECTING CONDITION:

Curtain airbag sensor (RH) is faulty.

If DTC B1630 is displayed, the circuit within the curtain airbag sensor (RH) is faulty. Replace the curtain airbag sensor (RH). <Ref. to AB-93, Curtain Airbag Sensor.>

AU: DTC B1632 CURTAIN AIRBAG SENSOR RH LOST COMMUNICATION

NOTE:

For details on DTC B1632, refer to DTC B1633. <Ref. to AB(diag)-61, DTC B1633 CURTAIN AIRBAG SENSOR RH INITIALIZATION ERROR, Diagnostic Chart with Trouble Code.>

AV:DTC B1633 CURTAIN AIRBAG SENSOR RH INITIALIZATION ERROR

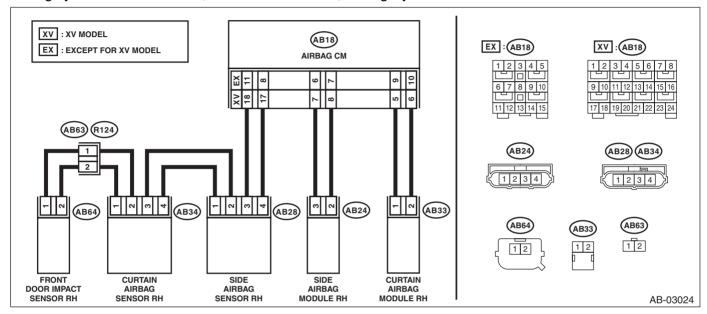
DTC DETECTING CONDITION:

- Open or short circuit in harness of side sensor bus (RH).
- Side airbag sensor (RH) and curtain airbag sensor (RH) are faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1		Is DTC B1622 or B1623 displayed?	Perform the diagnosis according to DTC.	Go to step 2.
2	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the door sensor (RH).	Is there poor contact?	Replace the airbag rear harness and the door harness.	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (BE- TWEEN SIDE AIRBAG SENSOR (RH) AND	Is the resistance less than 10 Ω ?	Go to step 4.	Replace the airbag rear harness along
	CURTAIN AIRBAG SENSOR (RH)).			with body harness.
	 Turn the ignition switch to OFF, disconnect 			
	the battery ground cable, and wait for 60 sec-			
	onds or more.			
	2) Disconnect the connector (AB26) from seat			
	belt pretensioner (RH).			
	3) Disconnect the connector (AB33) from cur-			
	tain airbag module (RH).			
	4) Disconnect connector (AB24) of the side			
	airbag module (RH).			
	5) Disconnect connector (AB28) from side air-			
	bag sensor (RH).			
	 Connect the connector (AB28) of side air- bag sensor (RH) and the connector (1AI) in the 			
	test harness AI.			
	7) Connect the connector (2AI) in the test har-			
	ness Al and the connector (1V) in the test har-			
	ness V.			
	8) Disconnect the connector (AB34) from cur-			
	tain airbag sensor (RH), and connect the con-			
	nector (2V) in test harness V to connector			
	(AB34).			
	9) Measure the resistance between connector			
	(3V) terminals in the test harness V.			
	Connector & terminal			
	(3V) No. 2 — (3V) No. 6:			
_	(3V) No. 1 — (3V) No. 7:			
4	CHECK AIRBAG REAR HARNESS (BE-	Is the resistance 1 M Ω or	Go to step 5.	Replace the airbag
	TWEEN SIDE AIRBAG SENSOR AND CUR-	more?		rear harness along
	TAIN AIRBAG SENSOR RH). Measure the resistance between connector			with body harness.
	(3V) in test harness V and chassis ground, and			
	the resistance between connector (3V) in test			
	harness V.			
	Connector & terminal			
	(3V) No. 2 — Chassis ground:			
	(3V) No. 1 — Chassis ground:			
	(3V) No. 2 — (3V) No. 1:			
5	CHECK AIRBAG CONTROL MODULE.	Is the same DTC displayed?	Go to step 6.	Go to step 7.
	1) Connect all connectors.		· ·	·
	2) Clear the memory.			
	Perform the Inspection Mode.			
	4) Read the DTC. (Current malfunction)			
6	REPLACE CURTAIN AIRBAG SENSOR (RH)	Is the same DTC displayed?	Go to step 7.	Go to step 8.
	AND CHECK AIRBAG CONTROL MODULE			
	AFTER REPLACEMENT.			
	 Turn the ignition switch to OFF, disconnect 			
	the battery ground cable, and wait for 60 sec-			
	onds or more.			
	2) Replace the curtain airbag sensor (RH).			
	<ref. ab-93,="" airbag<="" curtain="" removal,="" td="" to=""><td></td><td></td><td></td></ref.>			
	Sensor.>			
	3) Connect all connectors.			
	4) Clear the memory.			
	5) Perform the Inspection Mode.			
	Read the DTC. (Current malfunction)			

AIRBAG SYSTEM (DIAGNOSTICS)

	Step	Check	Yes	No
7	REPLACE SIDE AIRBAG SENSOR (RH) AND CHECK AIRBAG CONTROL MODULE AFTER REPLACEMENT. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Replace the side airbag sensor (RH). <ref. ab-88,="" airbag="" removal,="" sensor.="" side="" to=""> 3) Connect all connectors. 4) Clear the memory. 5) Perform the Inspection Mode. 6) Read the DTC. (Current malfunction)</ref.>	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">REMOVAL, Airbag Control Module.></ref.>	Go to step 8.
8	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

AW:DTC B1635 CURTAIN AIRBAG SENSOR LH FAILURE

DTC DETECTING CONDITION:

Curtain airbag sensor (LH) is faulty.

If DTC B1635 is displayed, the circuit within the curtain airbag sensor (LH) is faulty. Replace the curtain airbag sensor (LH). <Ref. to AB-93, Curtain Airbag Sensor.>

AX:DTC B1637 CURTAIN AIRBAG SENSOR LH LOST COMMUNICATION

NOTE:

Refer to DTC B1637 for details on DTC B1638. <Ref. to AB(diag)-64, DTC B1638 CURTAIN AIRBAG SENSOR LH INITIALIZATION ERROR, Diagnostic Chart with Trouble Code.>

AY: DTC B1638 CURTAIN AIRBAG SENSOR LH INITIALIZATION ERROR

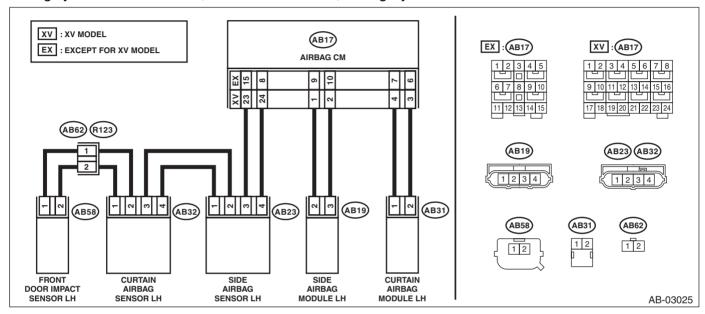
DTC DETECTING CONDITION:

- · Open or short circuit in harness of side sensor bus (LH).
- Side airbag sensor (LH) and curtain airbag sensor (LH) are faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1		Is DTC B1627 or B1628 displayed?	Perform the diagnosis according to DTC.	Go to step 2.
2	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the door sensor (LH).		Replace the airbag rear harness and the door harness.	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (BE-	Is the resistance less than 10	Go to step 4.	Replace the airbag
	TWEEN SIDE AIRBAG SENSOR LH AND	Ω ?		rear harness along
	CURTAIN AIRBAG SENSOR LH).			with body harness.
	1) Turn the ignition switch to OFF, disconnect			,
	the battery ground cable, and wait for 60 sec-			
	onds or more.			
	2) Disconnect the connector (AB21) from seat			
	belt pretensioner (LH).			
	3) Disconnect the connector (AB31) from cur-			
	tain airbag module (LH).			
	4) Disconnect connector (AB19) of the side			
	airbag module (LH).			
	5) Disconnect the connector (AB23) in the side			
	airbag sensor (LH).			
	Connect the connector (AB23) of side air-			
	bag sensor (LH) and the connector (1AI) in the			
	test harness AI.			
	7) Connect the connector (2AI) in the test har-			
	ness AI and the connector (1V) in the test har-			
	ness V.			
	8) Disconnect the connector (AB32) from cur-			
	tain airbag sensor (LH), and connect to the con-			
	nector (2V) in test harness V.			
	9) Measure the resistance between connector			
	(3V) terminals in the test harness V.			
	Connector & terminal			
	(3V) No. 2 — (3V) No. 6:			
	(3V) No. 1 — (3V) No. 7:			
4	CHECK AIRBAG REAR HARNESS (BE-	Is the resistance 1 M Ω or	Go to step 5.	Replace the airbag
	TWEEN SIDE AIRBAG SENSOR AND CUR-	more?		rear harness along
	TAIN AIRBAG SENSOR LH).			with body harness.
	Measure the resistance between connector			
	(3V) in test harness V and chassis ground, and			
	the resistance between connector (3V) in test			
	harness V. Connector & terminal			
	(3V) No. 1 — Chassis ground:			
	(3V) No. 2 — Chassis ground: (3V) No. 1 — (3V) No. 2:			
_		La than a sura DTO disculation do	0-446	0 - 44 0
5	CHECK AIRBAG CONTROL MODULE.	Is the same DTC displayed?	Go to step 6.	Go to step 8.
	Connect all connectors. Clear the memory.			
	2) Clear the memory.3) Perform the Inspection Mode.			
	Read the DTC. (Current malfunction)			
6		lo the come DTC diameters 10	Co to oto:: 7	Co to ota : 0
6	` ,	Is the same DTC displayed?	Go to step 7.	Go to step 8.
	AND CHECK AIRBAG CONTROL MODULE AFTER REPLACEMENT.			
	Turn the ignition switch to OFF, disconnect			
	the battery ground cable, and wait for 60 sec-			
	onds or more.			
	2) Replace the curtain airbag sensor (LH).			
	<ref. ab-93,="" airbag<="" curtain="" p="" removal,="" to=""></ref.>			
	Sensor.>			
	3) Connect all connectors.			
	4) Clear the memory.			
	5) Perform the Inspection Mode.			
	6) Read the DTC. (Current malfunction)			
1	o) nead the DTO. (Outletti Mallufiction)		I	I

AIRBAG SYSTEM (DIAGNOSTICS)

	Step	Check	Yes	No
7	REPLACE SIDE AIRBAG SENSOR (LH) AND CHECK AIRBAG CONTROL MODULE AFTER REPLACEMENT. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Replace the side airbag sensor (LH). <ref. ab-88,="" airbag="" removal,="" sensor.="" side="" to=""> 3) Connect all connectors. 4) Clear the memory. 5) Perform the Inspection Mode. 6) Read the DTC. (Current malfunction)</ref.>	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">REMOVAL, Airbag Control Module.></ref.>	Go to step 8.
8	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Finish the diagnosis.

AIRBAG SYSTEM (DIAGNOSTICS)

AZ:DTC B16F4 SIDE AIRBAG SENSOR RH RECOGNITION ERROR

DTC DETECTING CONDITION:

- Side airbag sensor RH is misinstalled.
- Airbag CM is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

	Step	Check	Yes	No
1	REPLACE SIDE AIRBAG SENSOR (RH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Replace the side A/B sensor (RH) with a genuine sensor. <ref. ab-88,="" airbag="" removal,="" sensor.="" side="" to=""></ref.>	Does the warning light go off?	sis.	Replace the airbag control module. <ref. ab-77,<br="" to="">REMOVAL, Airbag Control Module.></ref.>

BA:DTC B16F5 SIDE AIRBAG SENSOR LH RECOGNITION ERROR

DTC DETECTING CONDITION:

- Side airbag sensor LH is misinstalled.
- Airbag CM is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

	Step	Check	Yes	No
1	REPLACE SIDE AIRBAG SENSOR (LH).	Does the warning light go off?	Finish the diagno-	Replace the airbag
	1) Turn the ignition switch to OFF, disconnect		sis.	control module.
	the battery ground cable, and wait for 60 seconds or more.			<ref. ab-77,<br="" to="">REMOVAL, Airbag</ref.>
	 Replace the side A/B sensor (LH) with a genuine sensor. <ref. ab-88,="" removal,<br="" to="">Side Airbag Sensor.></ref.> 			Control Module.>

BB:DTC B16F6 CURTAIN AIRBAG SENSOR RH RECOGNITION ERROR

DTC DETECTING CONDITION:

- Curtain airbag sensor RH is misinstalled.
- Airbag CM is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

	Step	Check	Yes	No
1	REPLACE CURTAIN AIRBAG SENSOR (RH).	Does the warning light go off?	Finish the diagno-	Replace the airbag
	1) Turn the ignition switch to OFF, disconnect		sis.	control module.
	the battery ground cable, and wait for 60 sec-			<ref. ab-77,<="" th="" to=""></ref.>
	onds or more.			REMOVAL, Airbag
	2) Replace the curtain A/B sensor (RH) with a			Control Module.>
	genuine sensor. <ref. ab-93,="" removal,<="" th="" to=""><th></th><th></th><th></th></ref.>			
	Curtain Airbag Sensor.>			

BC:DTC B16F7 CURTAIN AIRBAG SENSOR LH RECOGNITION ERROR

DTC DETECTING CONDITION:

- Curtain airbag sensor LH is misinstalled.
- Airbag CM is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

	Step	Check	Yes	No
1	REPLACE CURTAIN AIRBAG SENSOR (LH).	Does the warning light go off?	Finish the diagno-	Replace the airbag
	 Turn the ignition switch to OFF, disconnect 		sis.	control module.
	the battery ground cable, and wait for 60 sec-			<ref. ab-77,<="" th="" to=""></ref.>
	onds or more.			REMOVAL, Airbag
	2) Replace the curtain A/B sensor (LH) with a			Control Module.>
	genuine sensor. <ref. ab-93,="" removal,<="" th="" to=""><th></th><th></th><th></th></ref.>			
	Curtain Airbag Sensor.>			

BD:DTC B1642 SIDE SATELLITE SENSOR BUS RH LOST COMMUNICATION

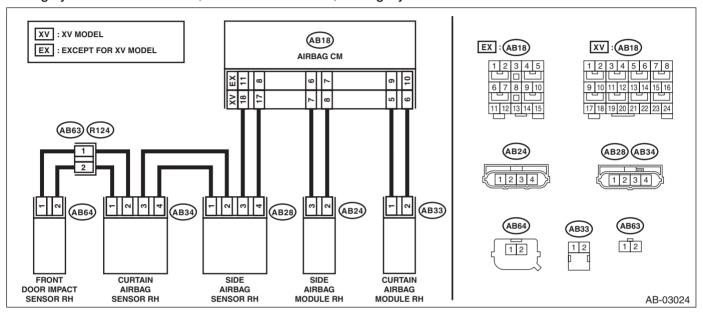
DTC DETECTING CONDITION:

- Open or short circuit in harness of side sensor bus (RH).
- Side airbag sensor (RH) is faulty.
- · Curtain airbag sensor (RH) is faulty.
- Front door impact sensor (RH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK DTC. Read the DTC. (Current malfunction)	Is DTC B1622 or B1623 displayed?	Perform the diagnosis according to DTC.	Go to step 2.
2	CHECK DTC. Read the DTC. (Current malfunction)	Is DTC B1632 or B1633 displayed?	Perform the diagnosis according to DTC.	Go to step 3.
3	CHECK DTC. Read the DTC. (Current malfunction)	Is DTC B1692 or B1693 displayed?	Perform the diagnosis according to DTC.	Go to step 4.
4	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the front door impact sensor (RH).	Is there poor contact?	Replace the airbag rear harness and the door harness.	Go to step 5.

	Step	Check	Yes	No
5	CHECK AIRBAG REAR HARNESS (BE-	Is the resistance less than 10	Go to step 6.	Replace the airbag
	TWEEN AIRBAG CONTROL MODULE AND	Ω ?	·	rear harness along
	SIDE AIRBAG SENSOR RH).			with body harness.
	1) Turn the ignition switch to OFF, disconnect			•
	the battery ground cable, and wait for 60 sec-			
	onds or more.			
	2) Disconnect the connector (AB26) from seat			
	belt pretensioner (RH).			
	3) Disconnect the connector (AB33) from cur-			
	tain airbag module (RH).			
	4) Disconnect connector (AB24) of the side			
	airbag module (RH).			
	5) Disconnect the connectors (AB6, AB17,			
	AB18) from airbag control module.			
	6) Connect the connector (1AG) in the test har-			
	ness AG to the connectors (AB6, AB17, AB18).			
	NOTE:			
	Except for XV models, connect test harness AH			
	between the connectors (AB6, AB17, AB18)			
	and (1AG).			
	7) Disconnect connector (AB28) from side air-			
	bag sensor (RH).			
	8) Connect the connector (2V) in the test har-			
	ness V to the connector (AB28).			
	9) Measure the resistance between connector			
	(5AG) in the test harness AG and connector			
	(3V) in the test harness V.			
	Connector & terminal			
	XV model			
	(5AG) No. 14 — (3V) No. 1:			
	(5AG) No. 16 — (3V) No. 2:			
	Except for XV model			
	(5AG) No. 14 — (3V) No. 1:			
	(5AG) No. 15 — (3V) No. 2:			
6	CHECK AIRBAG REAR HARNESS (BE-	Is the resistance 1 $M\Omega$ or	Go to step 7.	Replace the airbag
	TWEEN AIRBAG CONTROL MODULE AND	more?		rear harness along
	SIDE AIRBAG SENSOR RH).			with body harness.
	Measure the resistance between connector			
	(3V) in test harness V and chassis ground, and			
	the resistance between connector (3V) termi-			
	nals.			
	Connector & terminal			
	(3V) No. 1 — Chassis ground:			
	(3V) No. 2 — Chassis ground:			
	(3V) No. 1 — (3V) No. 2:			

	Step	Check	Yes	No
7	CHECK AIRBAG REAR HARNESS (BE-	Is the resistance less than 10	Go to step 8.	Replace the airbag
	TWEEN SIDE AIRBAG SENSOR AND CUR-	Ω ?	αο το στορ σ .	rear harness along
	TAIN AIRBAG SENSOR RH).			with body harness.
	Disconnect the connector (2V) in the test			With body namess.
	harness V from the connector (AB28) of side			
	airbag sensor (RH).			
	2) Connect the connector (AB28) of side air-			
	bag sensor (RH) and the connector (1AI) in the			
	test harness Al.			
	3) Connect the connector (2AI) in the test har-			
	ness AI and the connector (1V) in the test har-			
	ness V.			
	4) Disconnect the connector (AB34) from cur-			
	tain airbag sensor (RH), and connect the con-			
	nector (2V) in test harness V to connector			
	(AB34).			
	5) Measure the resistance between connector			
	(3V) terminals in the test harness V.			
	Connector & terminal			
	(3V) No. 2 — (3V) No. 6:			
	(3V) No. 1 — (3V) No. 7:			
8	CHECK AIRBAG REAR HARNESS (BE-	Is the resistance 1 M Ω or	Go to step 9.	Replace the airbag
	TWEEN SIDE AIRBAG SENSOR AND CUR-	more?	•	rear harness along
	TAIN AIRBAG SENSOR RH).			with body harness.
	Measure the resistance between connector			-
	(3V) in test harness V and chassis ground, and			
	the resistance between connector (3V) termi-			
	nals in test harness V.			
	Connector & terminal			
	(3V) No. 2 — Chassis ground:			
	(3V) No. 1 — Chassis ground:			
	(3V) No. 1 — (3V) No. 2:			
9	CHECK AIRBAG REAR HARNESS AND	Is the resistance less than 10	Go to step 10.	Check the door
	DOOR HARNESS (BETWEEN CURTAIN AIR-	Ω ?		harness, and if any
	BAG SENSOR RH AND DOOR SENSOR RH).			fault is found,
	1) Disconnect the connector (AB64) from the			replace the har-
	front door impact sensor (RH), and connect the			ness. If there is no
	connector (1H) in the test harness H to connec-			fault, replace the
	tor (AB64).			airbag rear har-
	2) Measure the resistance between connector			ness together with
	(3V) in the test harness V and connector (3H) in			body harness.
	the test harness H.			
	Connector & terminal			
	(3V) No. 4 — (3H) No. 5:			
	(3V) No. 5 — (3H) No. 6:			
10	CHECK AIRBAG REAR HARNESS AND	Is the resistance 1 M Ω or	Go to step 11.	Check the door
	DOOR HARNESS (BETWEEN CURTAIN AIR-	more?		harness, and if any
	BAG SENSOR RH AND FRONT DOOR IM-			fault is found,
	PACT SENSOR RH).			replace the har-
	Measure the resistance between connector			ness. If there is no
	(3V) in test harness V and chassis ground, and			fault, replace the
	the resistance between connector (3V) termi-			airbag rear har-
	nals in test harness V.			ness together with
	Connector & terminal			body harness.
	(3V) No. 4 — Chassis ground:			
	(3V) No. 5 — Chassis ground:			
	(3V) No. 4 — (3V) No. 5:			

AIRBAG SYSTEM (DIAGNOSTICS)

	Step	Check	Yes	No
11	 CHECK AIRBAG CONTROL MODULE. Connect all connectors. Clear the memory. Perform the Inspection Mode. Read the DTC. (Current malfunction) 	Is the same DTC displayed?	Go to step 12.	Go to step 15.
12		Is the same DTC displayed?	Go to step 13.	Go to step 15.
13	, , ,	Is the same DTC displayed?	Go to step 14.	Go to step 15.
14		Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">REMOVAL, Airbag Control Module.></ref.>	Go to step 15.
15	CHECK FOR ANY OTHER DTC ON DISPLAY. Read the DTC. (Current malfunction)	Is any other DTC displayed?	Perform the diagnosis according to DTC.	Finish the diagnosis.

BE:DTC B1647 SIDE SATELLITE SENSOR BUS LH LOST COMMUNICATION

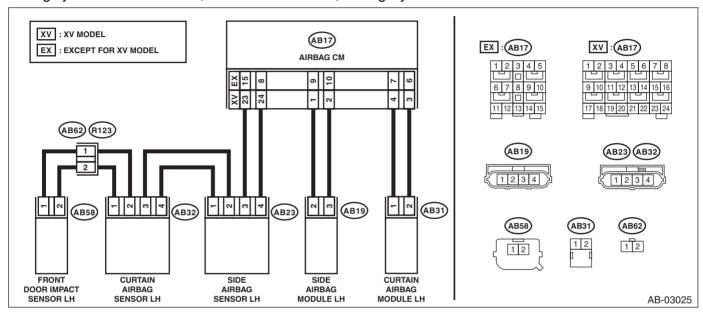
DTC DETECTING CONDITION:

- · Open or short circuit in harness of side sensor bus (LH).
- Side airbag sensor (LH) is faulty.
- · Curtain airbag sensor (LH) is faulty.
- Front door impact sensor (LH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK DTC. Read the DTC. (Current malfunction)	Is DTC B1627 or B1628 displayed?	Perform the diagnosis according to DTC.	Go to step 2.
2	CHECK DTC. Read the DTC. (Current malfunction)	Is DTC B1637 or B1638 displayed?	Perform the diagnosis according to DTC.	Go to step 3.
3	CHECK DTC. Read the DTC. (Current malfunction)	Is DTC B1697 or B1698 displayed?	Perform the diagnosis according to DTC.	Go to step 4.
4	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the front door impact sensor (LH).	Is there poor contact?	Replace the airbag rear harness and the door harness.	Go to step 5.

	Step	Check	Yes	No
5	CHECK AIRBAG REAR HARNESS (BE-	Is the resistance less than 10	Go to step 6.	Replace the airbag
	TWEEN AIRBAG CONTROL MODULE AND	Ω ?	'	rear harness along
	SIDE AIRBAG SENSOR LH).			with body harness.
	1) Turn the ignition switch to OFF, disconnect			,
	the battery ground cable, and wait for 60 sec-			
	onds or more.			
	2) Disconnect the connector (AB21) from seat			
	belt pretensioner (LH).			
	3) Disconnect the connector (AB31) from cur-			
	tain airbag module (LH).			
	4) Disconnect connector (AB19) of the side			
	airbag module (LH).			
	5) Disconnect the connectors (AB6, AB17,			
	AB18) from airbag control module.			
	6) Connect the connector (1AG) in the test har-			
	ness AG to the connectors (AB6, AB17, AB18).			
	NOTE:			
	Except for XV models, connect test harness AH			
	between the connectors (AB6, AB17, AB18)			
	and (1AG).			
	7) Disconnect the connector (AB23) from the			
	side airbag sensor (LH).			
	8) Connect the connector (2V) in the test har-			
	ness V to the connector (AB23).			
	9) Measure the resistance between connector			
	(5AG) in the test harness AG and connector			
	(3V) in the test harness V.			
	Connector & terminal			
	XV model			
	(5AG) No. 10 — (3V) No. 1:			
	(5AG) No. 8 — (3V) No. 2:			
	Except for XV model			
	(5AG) No. 10 — (3V) No. 1:			
	(5AG) No. 9 — (3V) No. 2:			
6	CHECK AIRBAG REAR HARNESS (BE-	Is the resistance 1 $M\Omega$ or	Go to step 7.	Replace the airbag
	TWEEN AIRBAG CONTROL MODULE AND	more?		rear harness along
	SIDE AIRBAG SENSOR LH).			with body harness.
	Measure the resistance between connector			
	(3V) in test harness V and chassis ground, and			
	the resistance between connector (3V) termi-			
	nals.			
	Connector & terminal			
	(3V) No. 1 — Chassis ground:			
	(3V) No. 2 — Chassis ground:			
	(3V) No. 1 — (3V) No. 2:			

	Step	Check	Yes	No
7	CHECK AIRBAG REAR HARNESS (BE-	Is the resistance less than 10	Go to step 8.	Replace the airbag
	TWEEN SIDE AIRBAG SENSOR AND CUR-	Ω ?	Go to stop c.	rear harness along
	TAIN AIRBAG SENSOR LH).			with body harness.
	Disconnect the connector (2V) in the test			I I I I I I I I I I I I I I I I I I I
	harness V from the connector (AB23) of side			
	airbag sensor (LH).			
	2) Connect the connector (AB23) of side air-			
	bag sensor (LH) and the connector (1AI) in the			
	test harness AI.			
	3) Connect the connector (2AI) in the test har-			
	ness AI and the connector (1V) in the test har-			
	ness V.			
	4) Disconnect the connector (AB32) from cur-			
	tain airbag sensor (LH), and connect the con-			
	nector (2V) in test harness V to connector			
	(AB32).			
	5) Measure the resistance between connector			
	(3V) terminals in the test harness V.			
	Connector & terminal			
	(3V) No. 2 — (3V) No. 6:			
	(3V) No. 1 — (3V) No. 7:			
8	CHECK AIRBAG REAR HARNESS (BE-	Is the resistance 1 $M\Omega$ or	Go to step 9.	Replace the airbag
	TWEEN SIDE AIRBAG SENSOR AND CUR-	more?		rear harness along
	TAIN AIRBAG SENSOR LH).			with body harness.
	Measure the resistance between connector			
	(3V) in test harness V and chassis ground, and			
	the resistance between connector (3V) termi-			
	nals in test harness V.			
	Connector & terminal			
	(3V) No. 2 — Chassis ground:			
	(3V) No. 1 — Chassis ground:			
	(3V) No. 1 — (3V) No. 2:			
9	CHECK AIRBAG REAR HARNESS AND	Is the resistance less than 10	Go to step 10.	Check the door
	DOOR HARNESS (BETWEEN CURTAIN AIR-	Ω ?		harness, and if any
	BAG SENSOR LH AND DOOR SENSOR LH).			fault is found,
	1) Disconnect the connector (AB58) from the			replace the har-
	front door impact sensor (LH), and connect the			ness. If there is no
	connector (1H) in the test harness H to connec-			fault, replace the
	tor (AB58). 2) Measure the resistance between connector			airbag rear har-
	(3V) in the test harness V and connector (3H) in			ness together with body harness.
	the test harness H.			body namess.
	Connector & terminal			
	(3V) No. 4 — (3H) No. 5:			
	(3V) No. 5 — (3H) No. 6:			
10	CHECK AIRBAG REAR HARNESS AND	Is the resistance 1 M Ω or	Go to step 11.	Check the door
'`	DOOR HARNESS (BETWEEN CURTAIN AIR-		GO TO STEP 11.	harness, and if any
	BAG SENSOR LH AND DOOR SENSOR LH).			fault is found,
	Measure the resistance between connector			replace the har-
	(3V) in test harness V and chassis ground, and			ness. If there is no
	the resistance between connector (3V) termi-			fault, replace the
	nals in test harness V.			airbag rear har-
	Connector & terminal			ness together with
	(3V) No. 4 — Chassis ground:			body harness.
	(3V) No. 5 — Chassis ground:			23ay 11a111000.
	(3V) No. 4 — (3V) No. 5:			

	Step	Check	Yes	No
11	 CHECK AIRBAG CONTROL MODULE. Connect all connectors. Clear the memory. Perform the Inspection Mode. Read the DTC. (Current malfunction) 	Is the same DTC displayed?	Go to step 12.	Go to step 15.
12	REPLACE SIDE AIRBAG SENSOR (LH) AND CHECK AIRBAG CONTROL MODULE AFTER REPLACEMENT. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Replace the side airbag sensor (LH). <ref. ab-88,="" airbag="" removal,="" sensor.="" side="" to=""> 3) Connect all connectors. 4) Clear the memory. 5) Perform the Inspection Mode. 6) Read the DTC. (Current malfunction)</ref.>	Is the same DTC displayed?	Go to step 13.	Go to step 15.
13		Is the same DTC displayed?	Go to step 14.	Go to step 15.
14	REPLACE FRONT DOOR IMPACT SENSOR (LH) AND CHECK AIRBAG CONTROL MOD- ULE AFTER REPLACEMENT. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 sec- onds or more. 2) Replace the front door impact sensor (LH). <ref. ab-85,="" door="" front="" impact="" removal,="" sensor.="" to=""> 3) Connect all connectors. 4) Clear the memory. 5) Perform the Inspection Mode. 6) Read the DTC. (Current malfunction)</ref.>	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">REMOVAL, Airbag Control Module.></ref.>	Go to step 15.
15	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Perform the diagnosis according to DTC.	Finish the diagnosis.

BF:DTC B1650 OCCUPANT CLASSIFICATION SYSTEM MALFUNCTION

NOTE:

Refer to "Occupant Detection System" for details on DTC B1650. <Ref. to OD(diag)-19, DTC B1650 OCCU-PANT CLASSIFICATION SYSTEM MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

BG:DTC B1655 FRONT BUCKLE SWITCH RH FAILURE

NOTE:

Refer to "Occupant Detection System" for details on DTC B1655. <Ref. to OD(diag)-21, DTC B1655 FRONT BUCKLE SWITCH RH FAILURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

BH:DTC B1660 PASSENGER'S AIRBAG ON INDICATOR FAILURE

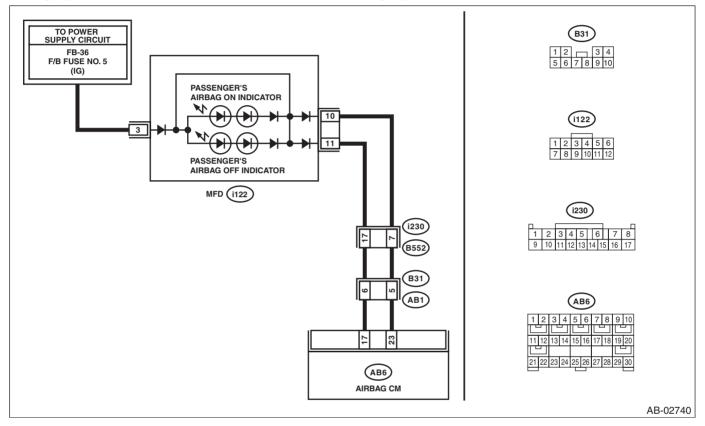
DTC DETECTING CONDITION:

- · Passenger's airbag indicator is faulty.
- · Airbag control module is faulty.
- · Airbag main harness circuit is open or shorted.
- · Body harness circuit is open.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1		Is there poor contact of any connector?	Repair the bulk- head harness. Or replace the airbag main harness along with body harness.	Go to step 2.
2		Does the passenger's airbag indicator illuminate?	Go to step 3.	Go to step 4.

	Cian	Chask	Vaa	No
	Step Step Step Step Step Step Step Step	Check	Yes	No Denois the bulls
3	CHECK AIRBAG MAIN HARNESS. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Remove the MFD and disconnect the connector (i122). 3) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 4) Measure the resistance between connector (2AG) in the test harness AG and chassis ground. Connector & terminal (2AG) No. 9 — (2AG) No. 8: (2AG) No. 9 — Chassis ground:		Replace the MFD. <ref. (mfd).="" display="" function="" idi-24,="" multi-="" removal,="" to=""></ref.>	Repair the bulk- head harness. Or replace the airbag main harness along with body harness.
4	 (2AG) No. 8 — Chassis ground: CHECK AIRBAG MAIN HARNESS. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connectors (AB6, AB17, AB18) from the airbag control module, and connect the connector (1AH) in the test harness AH. 3) Connect the connector (2AH) in the test harness AH and the connector (1AG) in the test harness AG. 4) Connect the connectors (7AG) and (8AG) in the test harness AG. 5) Connect the battery ground terminal and turn the ignition switch to ON. 	Does the passenger's airbag indicator illuminate?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK AIRBAG MAIN HARNESS. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Remove the MFD and disconnect the connector (i122). 3) Measure the resistance between connector (2AG) in the test harness AG and connector (i122). Connector & terminal (2AG) No. 9 — (i122) No. 11: (2AG) No. 8 — (i122) No. 10:	Is the resistance less than 10 Ω ?	Go to step 6.	Repair the bulk- head harness. Or replace the airbag main harness along with body harness.
6	CHECK BODY HARNESS. 1) Turn the ignition switch to ON. 2) Measure the voltage between connector (i122) and chassis ground. Connector & terminal (i122) No. 3 (+) — Chassis ground (-):	Is the voltage 10 V or more?	Replace the MFD. <ref. idi-24,<br="" to="">REMOVAL, Multi- function Display (MFD).></ref.>	Check the power supply circuit of MDF.

AIRBAG SYSTEM (DIAGNOSTICS)

BI: DTC B1675 SATELLITE SAFING SENSOR FAILURE

DTC DETECTING CONDITION:

- · Satellite safing sensor is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

	Step	Check	Yes	No
1	REPLACE SATELLITE SAFING SENSOR.	Does the warning light go off?	Finish the diagno-	Replace the airbag
	1) Turn the ignition switch to OFF, disconnect		sis.	control module.
	the battery ground cable, and wait for 60 seconds or more.			<ref. ab-77,<br="" to="">REMOVAL, Airbag</ref.>
	 Replace the satellite safing sensor with a genuine sensor. <ref. ab-101,="" removal,<br="" to="">Satellite Safing Sensor.></ref.> 			Control Module.>

BJ:DTC B1676 LOST COMMUNICATION WITH SATELLITE SAFING SENSOR

NOTE:

For details on DTC B1676, refer to DTC B1677. <Ref. to AB(diag)-80, DTC B1677 SATELLITE SAFING SENSOR INITIALIZATION INCOMPLETE, Diagnostic Chart with Trouble Code.>

BK:DTC B1677 SATELLITE SAFING SENSOR INITIALIZATION INCOMPLETE

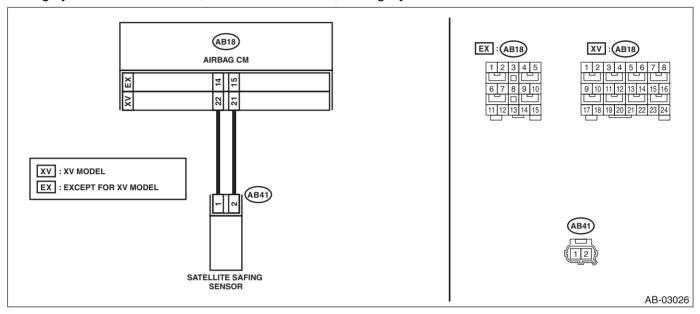
DTC DETECTING CONDITION:

- · Open or short circuit in harness of satellite safing sensor.
- Satellite safing sensor is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS.	Is there poor contact?	Replace the airbag rear harness along	Go to step 2.
	Check for poor contact of the connectors		with body harness.	
	(AB18, AB41) between the airbag control mod-			
	ule and the satellite safing sensor.			
2	CHECK AIRBAG REAR HARNESS (BE-	Is the resistance less than 10	Go to step 3.	Replace the airbag
	TWEEN AIRBAG CONTROL MODULE AND	Ω?		rear harness along
	SATELLITE SAFING SENSOR).			with body harness.
	1) Turn the ignition switch to OFF, disconnect			
	the battery ground cable, and wait for 60 seconds or more.			
	2) Disconnect the connectors (AB21, AB26)			
	from seat belt pretensioner.			
	3) Disconnect the connectors (AB31, AB33)			
	from curtain airbag module.			
	4) Disconnect connectors (AB19) and (AB24)			
	from the side airbag module.			
	5) Disconnect the connectors (AB17, AB6,			
	AB18) from airbag control module.			
	6) Connect the connector (1AG) in the test har-			
	ness AG to the connectors (AB6, AB17, AB18).			
	NOTE:			
	Except for XV models, connect test harness AH			
	between the connectors (AB6, AB17, AB18)			
	and (1AG).			
	7) Connect the connector (2AH) in the test har-			
	ness AH and the connector (1AG) in the test			
	harness AG. 8) Disconnect the connector (AB41) from the			
	satellite safing sensor and connect to the test			
	harness H connector (1H).			
	Measure the resistance between connector			
	in the test harness AG and connector in the test			
	harness H.			
	Connector & terminal			
	XV model			
	(5AG) No. 15 — (3H) No. 5:			
	(6AG) No. 14 — (3H) No. 6:			
	Except for XV model			
	(4AG) No. 5 — (3H) No. 5:			
2	(5AG) No. 13 — (3H) No. 6:	lo the registeres 1 MO or	Co to oton 4	Donland the simber
3	CHECK AIRBAG REAR HARNESS (BE- TWEEN AIRBAG CONTROL MODULE AND	Is the resistance 1 M Ω or more?	Go to step 4.	Replace the airbag rear harness along
	SATELLITE SAFING SENSOR).	linoie:		with body harness.
	Measure the resistance between connector in			with body namess.
	the test harness AG and chassis ground, and			
	the resistance between connector terminals in			
	the test harness AG.			
	Connector & terminal			
	XV model			
	(5AG) No. 15 — Chassis ground:			
	(6AG) No. 14 — Chassis ground:			
	(5AG) No. 15 — (6AG) No. 14:			
	Except for XV model			
	(4AG) No. 5 — Chassis ground:			
	(5AG) No. 13 — Chassis ground:			
	(4AG) No. 5 — (5AG) No. 13:			

	Step	Check	Yes	No
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the satel- lite safing sensor. <ref. ab-101,<br="" to="">REMOVAL, Satel- lite Safing Sen- sor.> Replace the airbag control module if not oper- ating normally even after replac- ing the sensor. <ref. ab-77,<br="" to="">REMOVAL, Airbag Control Module.></ref.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

BL:DTC B16F8 SATELLITE SAFING SENSOR RECOGNITION ERROR

DTC DETECTING CONDITION:

- · Satellite safing sensor is misinstalled.
- · Airbag control module is faulty.

Ī	Step	Check	Yes	No
ſ	1 REPLACE SATELLITE SAFING SENSOR.	Does the warning light go off?	Finish the diagno-	Replace the airbag
	1) Turn the ignition switch to OFF, disconnect		sis.	control module.
	the battery ground cable, and wait for 60 seconds or more.			<ref. ab-77,<br="" to="">REMOVAL, Airbag</ref.>
	 Replace the satellite safing sensor with a genuine sensor. <ref. ab-101,="" removal,<br="" to="">Satellite Safing Sensor.></ref.> 			Control Module.>

BM:DTC B16F9 DOOR SENSOR RH RECOGNITION ERROR

DTC DETECTING CONDITION:

- Front door impact sensor (RH) is misinstalled.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

	Step	Check	Yes	No
1	REPLACE FRONT DOOR IMPACT SENSOR (RH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Replace the front door impact sensor (RH) with a genuine sensor. <ref. ab-85,="" door="" front="" impact="" removal,="" sensor.="" to=""></ref.>	Does the warning light go off?	sis.	Replace the airbag control module. <ref. ab-77,<br="" to="">REMOVAL, Airbag Control Module.></ref.>

BN:DTC B1690 DOOR SENSOR RH FAILURE

DTC DETECTING CONDITION:

Front door impact sensor (RH) is faulty.

If DTC B1690 is displayed, the circuit within the front door impact sensor (RH) is faulty.

Replace the front door impact sensor (RH). <Ref. to AB-85, REMOVAL, Front Door Impact Sensor.>

BO:DTC B1692 LOST COMMUNICATION WITH DOOR SENSOR RH

NOTE:

For details on DTC B1692, refer to DTC B1693. <Ref. to AB(diag)-84, DTC B1693 DOOR SENSOR RH INITIALIZATION INCOMPLETE, Diagnostic Chart with Trouble Code.>

BP:DTC B1693 DOOR SENSOR RH INITIALIZATION INCOMPLETE

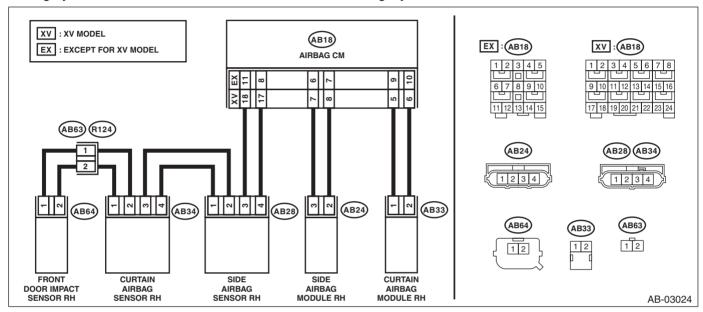
DTC DETECTING CONDITION:

- Open or short circuit in harness of side sensor bus (RH).
- Front door impact sensor (RH) is faulty.
- Curtain airbag sensor (RH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK DTC. Read the DTC. (Current malfunction)	Is DTC B1622 or B1623 displayed?	Perform the diagnosis according to DTC.	Go to step 2.
2	CHECK DTC. Read the DTC. (Current malfunction)	Is DTC B1632 or B1633 displayed?	Perform the diagnosis according to DTC.	Go to step 3.
3	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the front door impact sensor (RH).	Is there poor contact?	Replace the airbag rear harness and the door harness.	Go to step 4.

	Step	Check	Yes	No
4	CHECK AIRBAG REAR HARNESS AND	Is the resistance less than 10	Go to step 5.	Check the door
-	DOOR HARNESS (BETWEEN CURTAIN AIR-		or to stop or	harness, and if any
	BAG SENSOR RH AND DOOR SENSOR RH).			fault is found,
	Turn the ignition switch to OFF, disconnect			replace the har-
	the battery ground cable, and wait for 60 sec-			ness. If there is no
	onds or more.			fault, replace the
	2) Disconnect the connector (AB26) from seat			airbag rear har-
	belt pretensioner (RH).			ness together with
	3) Disconnect the connector (AB33) from cur-			body harness.
	tain airbag module (RH).			body Harriess.
	4) Disconnect connector (AB24) from side air-			
	bag module (RH).			
	5) Disconnect the connector (AB34) from cur-			
	tain airbag sensor (RH), and connect the con-			
	nector (2V) in test harness V to connector			
	(AB34).			
	6) Disconnect the connector (AB64) from the			
	front door impact sensor (RH), and connect the			
	connector (1H) in the test harness H to connec-			
	tor (AB64).			
	7) Measure the resistance between connector			
	(3V) in the test harness V and connector (3H) in			
	the test harness H.			
	Connector & terminal			
	(3V) No. 4 — (3H) No. 5:			
	(3V) No. 5 — (3H) No. 6:			
5	CHECK AIRBAG REAR HARNESS AND	Is the resistance 1 $M\Omega$ or	Go to step 6.	Check the door
	DOOR HARNESS (BETWEEN CURTAIN AIR-	more?		harness, and if any
	BAG SENSOR RH AND DOOR SENSOR RH).			fault is found,
	Measure the resistance between connector			replace the har-
	(3V) in test harness V and chassis ground, and			ness. If there is no
	the resistance between connector (3V) termi-			fault, replace the
	nals in test harness V.			airbag rear har-
	Connector & terminal			ness together with
	(3V) No. 4 — Chassis ground:			body harness.
	(3V) No. 5 — Chassis ground:			
	(3V) No. 4 — (3V) No. 5:			
6	CHECK AIRBAG CONTROL MODULE.	Is the same DTC displayed?	Go to step 7.	Go to step 9.
	1) Connect all connectors.			
	2) Clear the memory.			
	3) Perform the Inspection Mode.			
	4) Read the DTC. (Current malfunction)			
7	REPLACE FRONT DOOR IMPACT SENSOR	Is the same DTC displayed?	Go to step 8.	Go to step 9.
[(RH) AND CHECK AIRBAG CONTROL MOD-	lo the same bit o displayed!	30 to stop 0 .	GO 10 310p 3.
	ULE AFTER REPLACEMENT.			
	Turn the ignition switch to OFF, disconnect			
	the battery ground cable, and wait for 60 sec-			
	onds or more.			
	2) Replace the front door impact sensor (RH).			
	<ref. ab-85,="" door="" front="" impact<="" p="" removal,="" to=""></ref.>			
	•			
	Sensor.>			
	Connect all connectors. Clear the memory.			
	Clear the memory. Description Made Company C			
	5) Perform the Inspection Mode.			
	Read the DTC. (Current malfunction)			

	Step	Check	Yes	No
8	REPLACE CURTAIN AIRBAG SENSOR (RH) AND CHECK AIRBAG CONTROL MODULE AFTER REPLACEMENT. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Replace the curtain airbag sensor (RH). <ref. ab-93,="" airbag="" curtain="" removal,="" sensor.="" to=""> 3) Connect all connectors. 4) Clear the memory. 5) Perform the Inspection Mode. 6) Read the DTC. (Current malfunction)</ref.>	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">REMOVAL, Airbag Control Module.></ref.>	Go to step 9.
9	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code". <ref. (dtc).="" 34,="" ab(diag)-="" code="" diagnostic="" list="" list,="" of="" to="" trouble=""></ref.>	Finish the diagnosis.

AIRBAG SYSTEM (DIAGNOSTICS)

BQ:DTC B16FA LOST COMMUNICATION WITH DOOR SENSOR LH

DTC DETECTING CONDITION:

- Front door impact sensor (LH) is misinstalled.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

	Step	Check	Yes	No
1	REPLACE FRONT DOOR IMPACT SENSOR (LH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Replace the front door impact sensor (LH) with a genuine sensor. <ref. ab-85,="" door="" front="" impact="" removal,="" sensor.="" to=""></ref.>	Does the warning light go off?	sis.	Replace the airbag control module. <ref. ab-77,<br="" to="">REMOVAL, Airbag Control Module.></ref.>

BR:DTC B1695 DOOR SENSOR LH FAILURE

DTC DETECTING CONDITION:

Front door impact sensor (LH) is faulty.

If DTC AB is displayed, the circuit within the front door impact sensor (LH) is faulty.

Replace the front door impact sensor (LH). <Ref. to AB-85, REMOVAL, Front Door Impact Sensor.>

BS:DTC B1697 LOST COMMUNICATION WITH DOOR SENSOR LH

NOTE:

For details on DTC B1697, refer to DTC B1698. <Ref. to AB(diag)-88, DTC B1698 DOOR SENSOR LH INITIALIZATION INCOMPLETE, Diagnostic Chart with Trouble Code.>

BT:DTC B1698 DOOR SENSOR LH INITIALIZATION INCOMPLETE

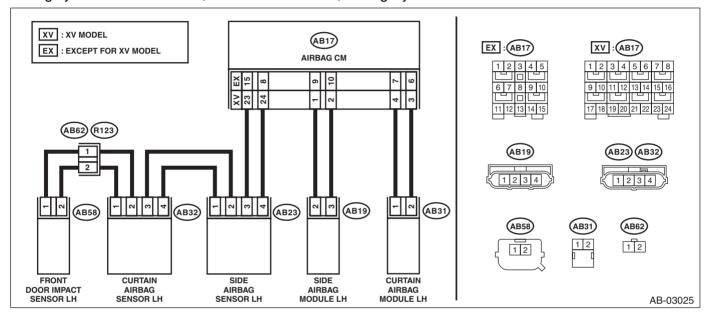
DTC DETECTING CONDITION:

- Open or short circuit in harness of side sensor bus (LH).
- Front door impact sensor (LH) is faulty.
- Curtain airbag sensor (LH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK DTC. Read the DTC. (Current malfunction)	Is DTC B1627 or B1628 displayed?	Perform the diagnosis according to DTC.	Go to step 2.
2		Is DTC B1637 or B1638 displayed?	Perform the diagnosis according to DTC.	Go to step 3.
3	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the front door impact sensor (LH).	Is there poor contact?	Replace the airbag rear harness and the door harness.	Go to step 4.

 CHECK AIRBAG REAR HARNESS AND DOOR HARNESS (BETWEEN CURTAIN AIRBAG SENSOR LH AND FRONT DOOR IMPACT SENSOR LH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB21) from seat belt pretensioner (LH). 	Go to step 5.	Check the door harness, and if any fault is found, replace the har- ness. If there is no fault, replace the
 DOOR HARNESS (BETWEEN CURTAIN AIR-BAG SENSOR LH AND FRONT DOOR IM-PACT SENSOR LH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB21) from seat belt pretensioner (LH). 	, i	harness, and if any fault is found, replace the har- ness. If there is no
BAG SENSOR LH AND FRONT DOOR IM- PACT SENSOR LH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 sec- onds or more. 2) Disconnect the connector (AB21) from seat belt pretensioner (LH).		fault is found, replace the har- ness. If there is no
PACT SENSOR LH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB21) from seat belt pretensioner (LH).		replace the har- ness. If there is no
 Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. Disconnect the connector (AB21) from seat belt pretensioner (LH). 		ness. If there is no
the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB21) from seat belt pretensioner (LH).		
onds or more. 2) Disconnect the connector (AB21) from seat belt pretensioner (LH).		
Disconnect the connector (AB21) from seat belt pretensioner (LH).		airbag rear har-
belt pretensioner (LH).		ness together with
		body harness.
3) Disconnect the connector (AB31) from cur-		body namoco.
tain airbag module (LH).		
4) Disconnect connector (AB19) from side air-		
bag module (LH).		
5) Disconnect the connector (AB32) from cur-		
tain airbag sensor (LH), and connect the con-		
nector (2V) in test harness V to connector		
(AB32).		
6) Disconnect the connector (AB58) from the		
front door impact sensor (LH), and connect the		
connector (1H) in the test harness H to connec-		
tor (AB58).		
7) Measure the resistance between connector		
(3V) in the test harness V and connector (3H) in		
the test harness H.		
Connector & terminal		
(3V) No. 4 — (3H) No. 5:		
(3V) No. 5 — (3H) No. 6:		
5 CHECK AIRBAG REAR HARNESS AND Is the resistance 1 MΩ or	Go to step 6.	Check the door
DOOR HARNESS (BETWEEN CURTAIN AIR-	do to stop o .	harness, and if any
BAG SENSOR LH AND FRONT DOOR IM-		fault is found,
PACT SENSOR LH).		replace the har-
Measure the resistance between connector		ness. If there is no
(3V) in test harness V and chassis ground, and		fault, replace the
the resistance between connector (3V) termi-		airbag rear har-
nals in test harness V.		ness together with
Connector & terminal		body harness.
(3V) No. 4 — Chassis ground:		body namooo.
(3V) No. 5 — Chassis ground:		
(3V) No. 4 — (3V) No. 5:		
6 CHECK AIRBAG CONTROL MODULE. Is the same DTC displayed?	Go to step 7.	Go to step 9.
1) Connect all connectors.	Gio to otop 1.	G.5 15 515 F 51
2) Clear the memory.		
3) Perform the Inspection Mode.		
4) Read the DTC. (Current malfunction)		
7 REPLACE FRONT DOOR IMPACT SENSOR Is the same DTC displayed?	Go to step 8.	Go to step 9.
(LH) AND CHECK AIRBAG CONTROL MOD-		
ULE AFTER REPLACEMENT.		
Turn the ignition switch to OFF, disconnect		
the battery ground cable, and wait for 60 sec-		
onds or more.		
Replace the front door impact sensor (LH).		
<ref. ab-85,="" door="" front="" impact<="" removal,="" th="" to=""><th></th><th></th></ref.>		
Sensor.>		
3) Connect all connectors.		
4) Clear the memory.		
5) Perform the Inspection Mode.		
6) Read the DTC. (Current malfunction)		

	Step	Check	Yes	No
8	REPLACE CURTAIN AIRBAG SENSOR (LH) AND CHECK AIRBAG CONTROL MODULE AFTER REPLACEMENT. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 sec- onds or more. 2) Replace the curtain airbag sensor (LH). <ref. ab-93,="" airbag="" curtain="" removal,="" sensor.="" to=""> 3) Connect all connectors. 4) Clear the memory. 5) Perform the Inspection Mode. 6) Read the DTC. (Current malfunction)</ref.>	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">REMOVAL, Airbag Control Module.></ref.>	Go to step 9.
9	CHECK FOR ANY OTHER DTC ON DISPLAY. Read the DTC. (Current malfunction)	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code". <ref. (dtc).="" 34,="" ab(diag)-="" code="" diagnostic="" list="" list,="" of="" to="" trouble=""></ref.>	Finish the diagnosis.

BU:DTC B161A LOST COMMUNICATION WITH FRONT SATELLITE SENSOR BUS

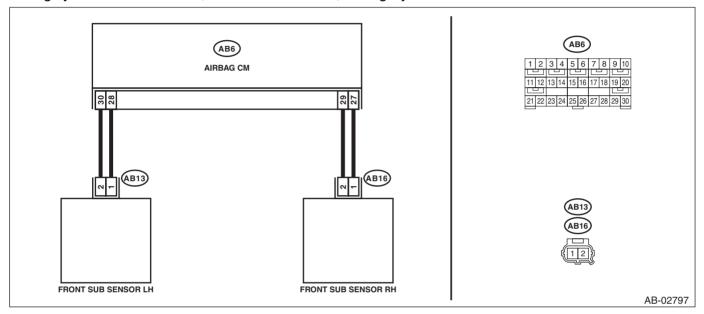
DTC DETECTING CONDITION:

- Harness between airbag control module and front sub sensor is open or shorted.
- Front sub sensor is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNEC-	Is there poor contact?	Replace the airbag	Go to step 2.
	TORS.	•	main harness	
	Check for poor contact of the connectors		along with body	
	between the airbag control module and the front		harness.	
	sub sensor.			
2	CHECK AIRBAG MAIN HARNESS (FRONT	Is the resistance less than 10	Go to step 3.	Replace the airbag
	SENSOR BUS LH).	Ω?		main harness
	 Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 sec- 			along with body harness.
	onds or more.			namess.
	Remove the instrument panel lower cover			
	and column cover, and disconnect the connec-			
	tors (AB7) and (AB2).			
	3) Remove the console front panel and discon-			
	nect the connector (AB9).			
	4) Disconnect the connectors (AB6, AB17,			
	AB18) from airbag control module.			
	5) Connect the connector (1AG) in the test har-			
	ness AG to the connectors (AB6, AB17, AB18). NOTE:			
	Except for XV models, connect test harness AH			
	between the connectors (AB6, AB17, AB18)			
	and (1AG).			
	6) Disconnect the connector (AB13) from the			
	front sub sensor (LH), and then connect the			
	connector (1H) in the test harness H to connec-			
	tor (AB13).			
	7) Measure the resistance between connector			
	(4AG) in the test harness AG and connector			
	(3H) in the test harness H. Connector & terminal			
	(4AG) No. 7 — (3H) No. 5:			
	(4AG) No. 9 — (3H) No. 6:			
3	CHECK AIRBAG MAIN HARNESS (FRONT	Is the resistance 1 M Ω or	Go to step 4.	Replace the airbag
	SENSOR BUS LH).	more?		rear harness along
	Measure the resistance between connector			with body harness.
	(4AG) in the test harness AG and chassis			
	ground, and the resistance between connector			
	(4AG) terminals in the test harness AG. Connector & terminal			
	(4AG) No. 7 — Chassis ground:			
	(4AG) No. 9 — Chassis ground:			
	(4AG) No. 7 — (4AG) No. 9:			
4	CHECK AIRBAG MAIN HARNESS (FRONT	Is the resistance less than 10	Go to step 5.	Replace the airbag
	SENSOR BUS RH).	Ω?		main harness
	1) Disconnect the connector (AB16) from the			along with body
	front sub sensor (RH), and then connect the			harness.
	connector (1H) in the test harness H to connec-			
	tor (AB16).			
	2) Measure the resistance between connector			
	(4AG) in the test harness AG and connector (3H) in the test harness H.			
	Connector & terminal			
	(4AG) No. 14 — (3H) No. 5:			
	(4AG) No. 12 — (3H) No. 6:			

	Step	Check	Yes	No
5	CHECK AIRBAG MAIN HARNESS (FRONT SENSOR BUS RH). Measure the resistance between connector (4AG) in the test harness AG and chassis ground, and the resistance between connector (4AG) terminals in the test harness AG. Connector & terminal (4AG) No. 12 — Chassis ground: (4AG) No. 14 — Chassis ground: (4AG) No. 12 — (4AG) No. 14:	Is the resistance 1 M Ω or more?	Go to step 6.	Replace the airbag rear harness along with body harness.
6	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the front sub sensor (LH) and front sub sensor (RH). <ref. ab-81,="" front="" removal,="" sensor.="" sub="" to=""> Replace the airbag control module if not operating normally even after replacing the sensor. <ref. ab-77,="" airbag="" control="" module.="" removal,="" to=""></ref.></ref.>	Go to step 7.
7	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code". <ref. (dtc).="" 34,="" ab(diag)-="" code="" diagnostic="" list="" of="" to="" trouble=""></ref.>	Finish the diagnosis.

BV:DTC B16F1 PASSENGER'S SEAT BELT WARNING FAILURE

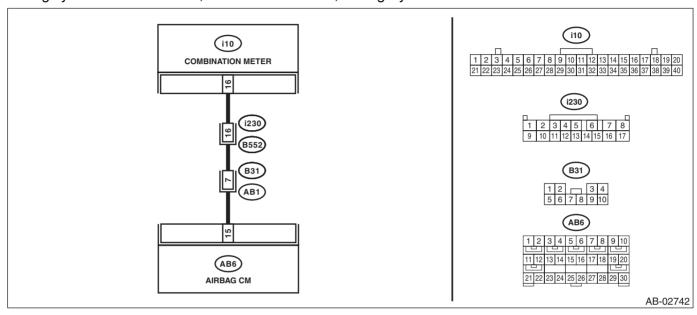
DTC DETECTING CONDITION:

- Airbag control module is faulty.
- Meter is faulty.
- Harness circuits between meter and airbag control module are open, shorted or shorted to ground.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



Step	Check	Yes	No
Turn the ignition switch to OFF, disconnect	Does the passenger's seat belt warning light blink for 6 sec- onds and go off?	Go to step 3.	Go to step 2.
2 CHECK AIRBAG HARNESS. 1) Turn the ignition switch to OFF. 2) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 3) Measure the resistance between connector (2AG) in the test harness AG and chassis ground. Connector & terminal (2AG) No. 10 — Chassis ground:		Replace the meter. <ref. idi-17,<br="" to="">REMOVAL, Com- bination Meter.></ref.>	Repair the bulk- head harness and instrument panel harness. Or replace the airbag main harness along with body harness.

	Step	Check	Yes	No
3	CHECK AIRBAG HARNESS. 1) Turn the ignition switch to OFF. 2) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 3) Connect the connectors (7AG) and (8AG) in the test harness AG. 4) Turn the ignition switch to ON.	go off?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 4.
4	CHECK AIRBAG HARNESS. 1) Turn the ignition switch to OFF. 2) Disconnect the connectors (7AG) and (8AG) in the test harness AG in the condition of step 3. 3) Disconnect the connector (i10) from meter. 4) Measure the resistance between connector (2AG) in the test harness AG and connector (i84). Connector & terminal (2AG) No. 10 — (i10) No. 16:	Is the resistance less than 10 Ω ?	Replace the meter. <ref. idi-17,<br="" to="">REMOVAL, Com- bination Meter.></ref.>	Repair the bulk- head harness and instrument panel harness. Or replace the airbag main harness along with body harness.

BW:DTC B16F0 PASSENGER'S AIRBAG OFF INDICATOR FAILURE

NOTE:

For details on DTC B16F0, refer to DTC B1660. <Ref. to AB(diag)-77, DTC B1660 PASSENGER'S AIRBAG ON INDICATOR FAILURE, Diagnostic Chart with Trouble Code.>

BX:DTC B1760 SENSOR MAT ABNORMAL

NOTE:

Refer to "Occupant Detection System" for details on DTC B1760. <Ref. to OD(diag)-22, DTC B1760 SEN-SOR MAT ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

BY:DTC B1761 SENSOR MAT LIQUID COATING ABNORMAL

NOTE

Refer to "Occupant Detection System" for details on DTC B1761. <Ref. to OD(diag)-22, DTC B1761 SEN-SOR MAT LIQUID COATING ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

BZ:DTC B1771 BUCKLE SWITCH ABNORMAL

NOTE:

Refer to "Occupant Detection System" for details on DTC B1771. <Ref. to OD(diag)-22, DTC B1771 BUCK-LE SWITCH ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

CA:DTC B1795 ECU INTERNAL CIRCUIT FAULT

NOTE:

Refer to "Occupant Detection System" for details on DTC B1795. <Ref. to OD(diag)-22, DTC B1795 ECU INTERNAL CIRCUIT FAULT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

CB:DTC B1800 SHORT IN DRIVER'S AIRBAG

DTC DETECTING CONDITION:

- Airbag main harness circuit is shorted.
- · Airbag module harness (driver's side) circuit is shorted.
- · Roll connector circuit is shorted.
- Driver's airbag module is faulty.
- · Airbag control module is faulty.

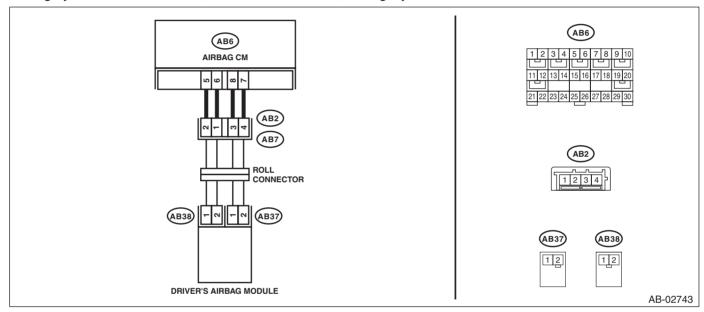
CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

NOTE:

Prior to starting work, prepare two AIRBAG RESISTORs (98299PA040).

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the driver's airbag module.	Is there poor contact?	Replace the airbag harness.	Go to step 2.
2	CHECK DRIVER'S AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Remove the driver's airbag module. 3) Connect the connector (1N) in the test harness N to the connector (AB38). 4) Connect the airbag resistor to the connector (2N) of test harness N. 5) Connect the connector (1Q) in the test harness Q to connector (AB37). 6) Connect the airbag resistor to the connector (2Q) in the test harness Q. 7) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for six seconds and go off?	Replace the driver's airbag module. <ref. to<br="">AB-42, Driver's Air- bag Module.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK ROLL CONNECTOR AND AIRBAG MAIN HARNESS (DRIVER'S AIRBAG HARNESS). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Remove the console front panel and disconnect the connector (AB9). 3) Disconnect the driver's knee airbag module connector (AB66). 4) Disconnect the airbag resistor from the connector (2N) in test harness N and from the connector (2Q) in test harness Q. 5) Disconnect the connectors (AB6, AB17, AB18) from the airbag control module, and connect the connector (1AG) in the test harness AG. NOTE:	Is the resistance 1 $M\Omega$ or more?	Yes Go to step 5.	No Go to step 4.
	Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 6) Measure the resistance between connector (2Q) terminals in test harness Q. Connector & terminal (2Q) No. 1 — (2Q) No. 2:			
4	CHECK AIRBAG MAIN HARNESS (DRIVER'S AIRBAG HARNESS). 1) Remove the instrument panel lower cover and column cover, and disconnect the connector (AB7) from (AB2). 2) Measure the resistance between connector (3AG) terminals in test harness AG. Connector & terminal (3AG) No. 1 — (3AG) No. 3:	Is the resistance 1 $M\Omega$ or more?	Replace the roll connector. <ref. to<br="">AB-104, Roll Con- nector.></ref.>	Replace the airbag main harness along with body harness.
5	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 6.
6	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Finish the diagnosis.

CC:DTC B1801 OPEN IN DRIVER'S AIRBAG

DTC DETECTING CONDITION:

- · Airbag main harness circuit is open.
- Airbag module harness (driver's side) circuit is open.
- Roll connector is open.
- Driver's airbag module is faulty.
- · Airbag control module is faulty.

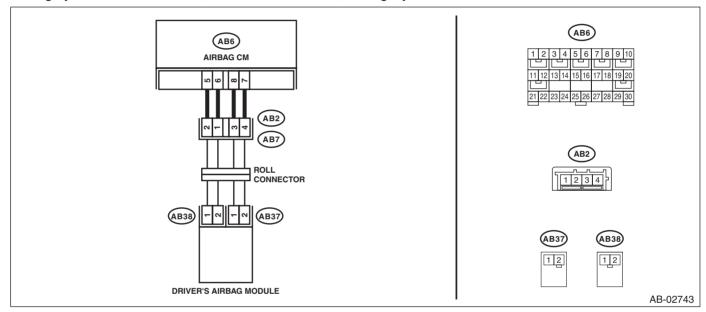
CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

NOTE:

Prior to starting work, prepare two AIRBAG RESISTORs (98299PA040).

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the driver's airbag module.	Is there poor contact?	Replace the airbag harness.	Go to step 2.
2	CHECK DRIVER'S AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Remove the driver's airbag module. 3) Connect the connector (1N) in the test harness N to the connector (AB38). 4) Connect the airbag resistor to the connector (2N) of test harness N. 5) Connect the connector (1Q) in the test harness Q to connector (AB37). 6) Connect the airbag resistor to the connector (2Q) in the test harness Q. 7) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for six seconds and go off?	Replace the driver's airbag module. <ref. to<br="">AB-42, Driver's Air- bag Module.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK ROLL CONNECTOR AND AIRBAG MAIN HARNESS (DRIVER'S AIRBAG HARNESS). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Remove the console front panel and disconnect the connector (AB9). 3) Disconnect the driver's knee airbag module connector (AB66). 4) Disconnect the airbag resistor from the connector (2N) in test harness N. 5) Disconnect the airbag resistor from the connector (2Q) of test harness Q. 6) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 7) Measure the resistance between connector (2Q) terminals in test harness Q. Connector & terminal (2Q) No. 1 — (2Q) No. 2: CHECK ROLL CONNECTOR. 1) Remove the instrument panel lower cover and column cover, and disconnect the connector (AB7) from (AB2).	Is the resistance less than 10 Ω ?	Go to step 5.	No Go to step 4. Replace the roll connector. <ref. ab-104,="" connector.="" roll="" to=""></ref.>
	 Measure the resistance between connector (2Q) terminals in test harness Q. Connector & terminal (2Q) No. 1 — (2Q) No. 2: 			
5	 CHECK AIRBAG CONTROL MODULE. Connect all connectors. Clear the memory. Perform the Inspection Mode. Read the DTC. (Current malfunction) 	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 6.
6	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

CD:DTC B1802 SHORT IN DRIVER'S AIRBAG (TO GROUND)

DTC DETECTING CONDITION:

- · Airbag main harness circuit is shorted to ground.
- Airbag module harness (driver's side) circuit is shorted to ground.
- Roll connector circuit is shorted to ground.
- Driver's airbag module is faulty.
- · Airbag control module is faulty.

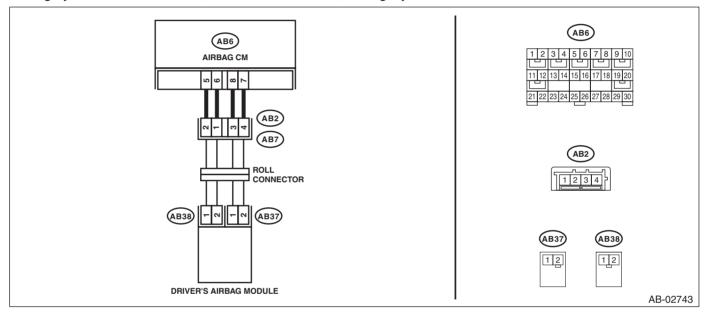
CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

NOTE:

Prior to starting work, prepare two AIRBAG RESISTORs (98299PA040).

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the driver's airbag module.	Is there poor contact?	Replace the airbag harness.	Go to step 2.
2	CHECK DRIVER'S AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Remove the driver's airbag module. 3) Connect the connector (1N) in the test harness N to the connector (AB38). 4) Connect the airbag resistor to the connector (2N) of test harness N. 5) Connect the connector (1Q) in the test harness Q to connector (AB37). 6) Connect the airbag resistor to the connector (2Q) in the test harness Q. 7) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for six seconds and go off?	Replace the driver's airbag module. <ref. to<br="">AB-42, Driver's Air- bag Module.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK ROLL CONNECTOR.	Is the resistance 1 M Ω or	Go to step 4.	Replace the roll
3	 CHECK ROLL CONNECTOR. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Remove the instrument panel lower cover and column cover, and disconnect the connector (AB7) from (AB2). 3) Disconnect the driver's knee airbag module connector (AB66). 4) Disconnect the airbag resistor from the connector (2N) in test harness N and from the connector (2Q) in test harness Q. 5) Measure the resistance between connector (2Q) in the test harness Q and chassis ground. 	Is the resistance 1 $M\Omega$ or more?	Go to step 4.	Replace the roll connector. <ref. to<br="">AB-104, Roll Con- nector.></ref.>
	Connector & terminal			
	(2Q) No. 1 — Chassis ground:			
_	(2Q) No. 2 — Chassis ground:	L II AMO		D 1 11 11
4	CHECK AIRBAG MAIN HARNESS (DRIV-ER'S AIRBAG HARNESS). 1) Disconnect the test harness N from connector (AB38). 2) Disconnect the test harness Q from connector (AB37). 3) Remove the console front panel and disconnect the connector (AB9). 4) Disconnect the connectors (AB6, AB17, AB18) from the airbag control module, and connect the connector (1AG) in the test harness AG. NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 5) Measure the resistance between connector (3AG) in the test harness AG and chassis ground. Connector & terminal (3AG) No. 1 — Chassis ground: (3AG) No. 3 — Chassis ground:	Is the resistance 1 $M\Omega$ or more?	Go to step 5.	Replace the airbag main harness along with body harness.
5	 CHECK AIRBAG CONTROL MODULE. Connect all connectors. Clear the memory. Perform the Inspection Mode. Read the DTC. (Current malfunction) 	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 6.
6	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Finish the diagnosis.

CE:DTC B1803 SHORT IN DRIVER'S AIRBAG (TO +B)

DTC DETECTING CONDITION:

- Airbag main harness circuit is shorted to power supply.
- Airbag module harness (driver's side) circuit is shorted to power supply.
- Roll connector circuit is shorted to power supply.
- Driver's airbag module is faulty.
- · Airbag control module is faulty.

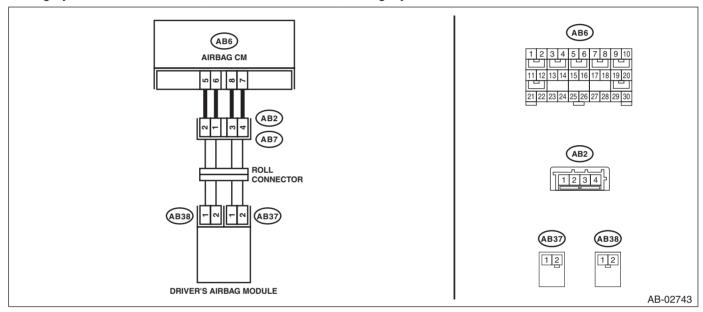
CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

NOTE:

Prior to starting work, prepare two AIRBAG RESISTORs (98299PA040).

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the driver's airbag module.	Is there poor contact?	Replace the airbag harness.	Go to step 2.
2	CHECK DRIVER'S AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Remove the driver's airbag module. 3) Connect the connector (1N) in the test harness N to the connector (AB38). 4) Connect the airbag resistor to the connector (2N) of test harness N. 5) Connect the connector (1Q) in the test harness Q to connector (AB37). 6) Connect the airbag resistor to the connector (2Q) in the test harness Q. 7) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for six seconds and go off?	Replace the driver's airbag module. <ref. to<br="">AB-42, Driver's Air- bag Module.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK ROLL CONNECTOR. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Remove the instrument panel lower cover and column cover, and disconnect the connector (AB7) from (AB2). 3) Disconnect the driver's knee airbag module connector (AB66). 4) Disconnect the airbag resistor from the connector (2N) in test harness N and from the connector (2Q) in test harness Q. 5) Measure the voltage between connector (2Q) in the test harness Q and chassis ground. Connector & terminal (2Q) No. 1 (+) — Chassis ground (-): (2Q) No. 2 (+) — Chassis ground (-):	Is the voltage less than 1 V?	Go to step 4.	Replace the roll connector. <ref. to<br="">AB-104, Roll Con- nector.></ref.>
4	CHECK AIRBAG MAIN HARNESS (DRIV-ER'S AIRBAG HARNESS). 1) Disconnect the test harness N from connector (AB38). 2) Disconnect the test harness Q from connector (AB37). 3) Remove the console front panel and disconnect the connector (AB9). 4) Disconnect the connectors (AB6, AB17, AB18) from the airbag control module, and connect the connector (1AG) in the test harness AG. NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 5) Connect the battery ground terminal and turn the ignition switch to ON. 6) Measure the voltage between connector (3AG) in the test harness AG and chassis ground. Connector & terminal (3AG) No. 1 (+) — Chassis ground (-): (3AG) No. 3 (+) — Chassis ground (-):		Go to step 5.	Replace the airbag main harness along with body harness.
5	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 6.
6	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

CF:DTC B1805 SHORT IN PASSENGER'S AIRBAG

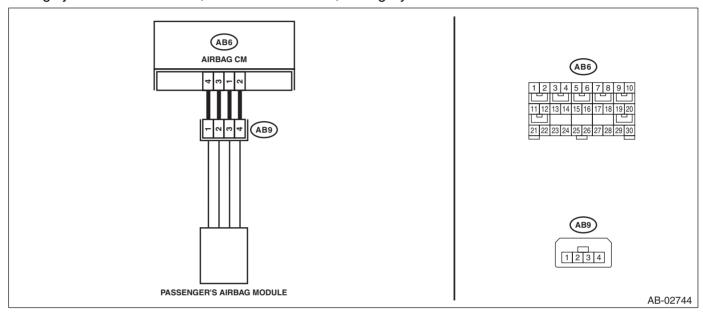
DTC DETECTING CONDITION:

- · Airbag main harness circuit is shorted.
- Airbag module harness circuit (passenger's side) is shorted.
- Passenger's airbag module is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNEC-	Is there poor contact?	Replace the airbag	Go to step 2.
	TORS.		harness.	
	Check for poor contact of the connectors			
	between the airbag control module and the pas-			
	senger's airbag module.			

	Step	Check	Yes	No
2	CHECK AIRBAG MAIN HARNESS (PASSEN-		Go to step 3.	Replace the airbag
	GER'S AIRBAG HARNESS). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connectors (AB7) and (AB2).	more?		main harness along with body harness.
	 3) Disconnect the connector (AB66) from the driver's knee airbag module. 4) Disconnect the connectors (AB6, AB17, AB18) from the airbag control module, connect the connector (1AG) in the test harness AG, and release the short mechanism of the connectors (AB6, AB17, AB18). 			
	NOTE: Except for XV models, connect the connectors (AB6, AB17, AB18) and the connector (1AH) in the test harness AH.			
	 5) Disconnect the passenger's airbag module connector (AB9). 6) Using a probe, measure the resistance between the terminals of connector (AB9). <ref. ab(diag)-16,="" description.="" general="" how="" preparation="" probe,="" to="" tool,="" use=""></ref.> 			
	CAUTION: When measuring the resistance, make sure that the probe is inserted from the back side (harness side) of the connector. Also, do not insert the probe forcibly.			
	Connector & terminal (AB9) No. 1 — (AB9) No. 2:			
3	CHECK AIRBAG CONTROL MODULE. 1) Disconnect the test harness AG or test harness AH from the connectors (AB6, AB17, AB18). 2) Connect the connectors (AB6, AB17, AB18) and the airbag control module. 3) Connect the connectors (AB7) and (AB2). 4) Connect the connector (AB66) to the driver's knee airbag module. 5) Connect the battery ground terminal and turn the ignition switch to ON. 6) Perform the Inspection Mode. 7) Read the DTC. (Current malfunction)	Is DTC B1805 displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">REMOVAL, Airbag Control Module.></ref.>	Go to step 4.
4	CHECK PASSENGER'S AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Connect the passenger's airbag module connector (AB9). 3) Connect the battery ground terminal and turn the ignition switch to ON. 4) Perform the Inspection Mode. 5) Read the DTC. (Current malfunction)	Is DTC B1805 displayed?	Replace the pas- senger's airbag module. <ref. to<br="">AB-47, REMOVAL, Passenger's Air- bag Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Finish the diagnosis.

CG:DTC B1806 OPEN IN PASSENGER'S AIRBAG

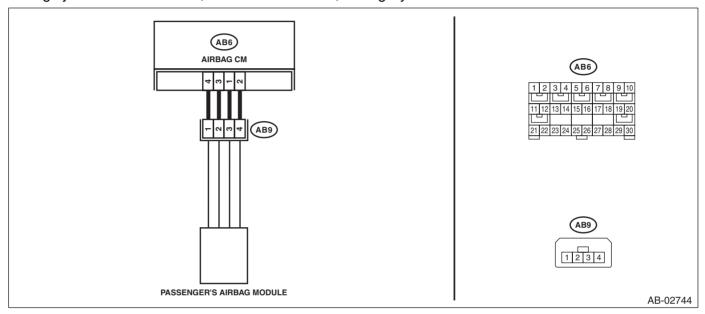
DTC DETECTING CONDITION:

- · Airbag main harness circuit is open.
- Airbag module harness (passenger's side) circuit is open.
- Passenger's airbag module is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNEC-	Is there poor contact?	Replace the airbag	Go to step 2.
	TORS. Check for poor contact of the connectors		harness.	
	between the airbag control module and the pas-			
	senger's airbag module.			
2	CHECK AIRBAG MAIN HARNESS (PASSEN-		Go to step 3.	Replace the airbag
	GER'S AIRBAG HARNESS).	Ω ?		main harness
	 Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 sec- 			along with body harness.
	onds or more.			marriess.
	2) Disconnect the connectors (AB7) and			
	(AB2).			
	3) Disconnect the connector (AB66) from the			
	driver's knee airbag module. 4) Disconnect the connectors (AB6, AB17,			
	AB18) from airbag control module.			
	5) Disconnect the passenger's airbag module			
	connector (AB9).			
	Using a probe, measure the resistance between the terminals of connector (AB9).			
	Ref. to AB(diag)-16, HOW TO USE PROBE,			
	PREPARATION TOOL, General Description.>			
	CAUTION:			
	When measuring the resistance, make sure			
	that the probe is inserted from the back side (harness side) of the connector. Also, do not			
	insert the probe forcibly.			
	Connector & terminal			
	(AB9) No. 1 — (AB9) No. 2:			
3	CHECK AIRBAG CONTROL MODULE.	Is DTC B1806 displayed?	Replace the airbag	Go to step 4.
	1) Connect the connectors (AB6, AB17, AB18) and the airbag control module.		control module. <ref. ab-77,<="" td="" to=""><td></td></ref.>	
	2) Connect the connectors (AB7) and (AB2).		REMOVAL, Airbag	
	3) Connect the connector (AB66) to the		Control Module.>	
	driver's knee airbag module.			
	4) Using a probe, short the terminals No. 1 and No. 2 of connector (AB9). <ref. ab(diag)-16,<="" td="" to=""><td></td><td></td><td></td></ref.>			
	HOW TO USE PROBE, PREPARATION TOOL,			
	General Description.>			
	CAUTION:			
	When shorting the terminals, make sure that			
	the probe is inserted from the back side (harness side) of the connector. Also, do not			
	insert the probe forcibly.			
	Connector & terminal			
	(AB9) No. 1 — (AB9) No. 2:			
	Connect the battery ground terminal and turn the ignition switch to ON.			
	6) Perform the Inspection Mode.			
	7) Read the DTC. (Current malfunction)			
4	CHECK PASSENGER'S AIRBAG MODULE.	Is DTC B1806 displayed?	Replace the pas-	Go to step 5.
	1) Turn the ignition switch to OFF, disconnect		senger's airbag	
	the battery ground cable, and wait for 60 seconds or more.		module. <ref. ab-47,="" removal,<="" td="" to=""><td></td></ref.>	
	2) Connect the passenger's airbag module		Passenger's Air-	
	connector (AB9).		bag Module.>	
	3) Connect the battery negative terminal, and			
	clear the memory.			
	4) Perform the Inspection Mode. 5) Read the DTC. (Current malfunction)			
	5) Read the DTC. (Current malfunction)			

	Step	Check	Yes	No
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	sis.

CH:DTC B1807 SHORT IN PASSENGER'S AIRBAG (TO GROUND)

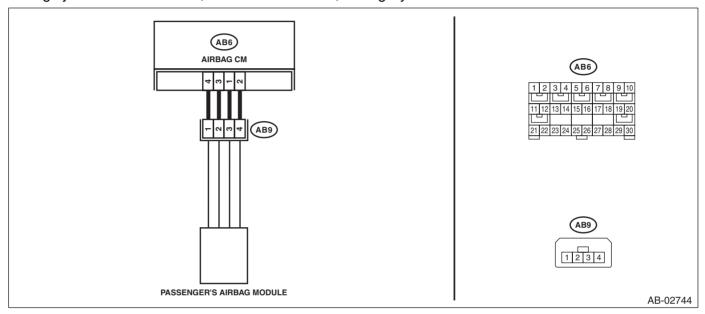
DTC DETECTING CONDITION:

- · Airbag main harness circuit is shorted to ground.
- Airbag module harness (passenger's side) circuit is shorted to ground.
- Passenger's airbag module is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the passenger's airbag module.	Is there poor contact?	Replace the airbag harness.	Go to step 2.
2		more?	Go to step 3.	Replace the airbag main harness along with body harness.
3			Replace the airbag control module. <ref. ab-77,="" airbag="" control="" module.="" removal,="" to=""></ref.>	Go to step 4.

	Step	Check	Yes	No
4	CHECK PASSENGER'S AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Release the short circuit of connector (AB9). 3) Connect the passenger's airbag module connector (AB9). 4) Connect the connectors (AB7) and (AB2). 5) Connect the connector (AB66) to the driver's knee airbag module. 6) Connect the battery ground terminal and turn the ignition switch to ON. 7) Perform the Inspection Mode. 8) Read the DTC. (Current malfunction)	Is DTC B1807 displayed?	Replace the pas- senger's airbag module. <ref. to<br="">AB-47, REMOVAL, Passenger's Air- bag Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

CI: DTC B1808 SHORT IN PASSENGER'S AIRBAG (TO +B)

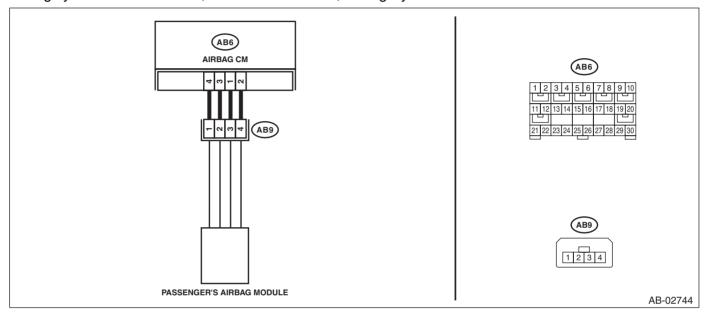
DTC DETECTING CONDITION:

- Airbag main harness circuit is shorted to power supply.
- · Airbag module harness (passenger's side) circuit is shorted to power supply.
- Passenger's airbag module is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the pas-	Is there poor contact?	Replace the airbag harness.	Go to step 2.
	senger's airbag module.			
2	CHECK AIRBAG MAIN HARNESS (PASSENGER'S AIRBAG HARNESS). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connectors (AB7) and (AB2). 3) Disconnect the connector (AB66) from the driver's knee airbag module. 4) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 5) Disconnect the passenger's airbag module connector (AB9). 6) Using a probe, measure the voltage between the connector (AB9) and chassis ground. <ref. ab(diag)-16,="" description.="" general="" how="" preparation="" probe,="" to="" tool,="" use=""> CAUTION: When measuring the voltage, make sure that the probe is inserted from the back side (harness side) of the connector. Also, do not insert the probe forcibly. Connector & terminal (AB9) No. 1 (+) — Chassis ground (-): (AB9) No. 2 (+) — Chassis ground (-):</ref.>		Go to step 3.	Replace the airbag main harness along with body harness.
3	CHECK AIRBAG CONTROL MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Connect the connectors (AB6, AB17, AB18) and the airbag control module. 3) Using a probe, short the terminals No. 1 and No. 2 of connector (AB9). <ref. ab(diag)-16,="" description.="" general="" how="" preparation="" probe,="" to="" tool,="" use=""> CAUTION: When shorting the terminals, make sure that the probe is inserted from the back side (harness side) of the connector. Also, do not insert the probe forcibly. Connector & terminal (AB9) No. 1 — (AB9) No. 2: 4) Connect the battery ground terminal and turn the ignition switch to ON. 5) Perform the Inspection Mode. 6) Read the DTC. (Current malfunction)</ref.>	Is DTC B1808 displayed?	Replace the airbag control module. <ref. ab-77,="" airbag="" control="" module.="" removal,="" to=""></ref.>	Go to step 4.

	Step	Check	Yes	No
4	CHECK PASSENGER'S AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Release the short circuit of connector (AB9). 3) Connect the passenger's airbag module connector (AB9). 4) Connect the connectors (AB7) and (AB2). 5) Connect the connector (AB66) to the driver's knee airbag module. 6) Connect the battery ground terminal and turn the ignition switch to ON. 7) Perform the Inspection Mode. 8) Read the DTC. (Current malfunction)	Is DTC B1808 displayed?	Replace the passenger's airbag module. <ref. ab-47,="" airbag="" module.="" passenger's="" removal,="" to=""></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-34,="" code="" diagnostic="" list="" of="" to="" trouble=""></ref.>	Finish the diagnosis.

CJ:DTC B1810 SHORT IN DRIVER'S AIRBAG DUAL STAGE - 2ND STEP

DTC DETECTING CONDITION:

- · Airbag main harness circuit is shorted.
- · Airbag module harness (driver's side) circuit is shorted.
- · Roll connector circuit is shorted.
- Driver's airbag module is faulty.
- · Airbag control module is faulty.

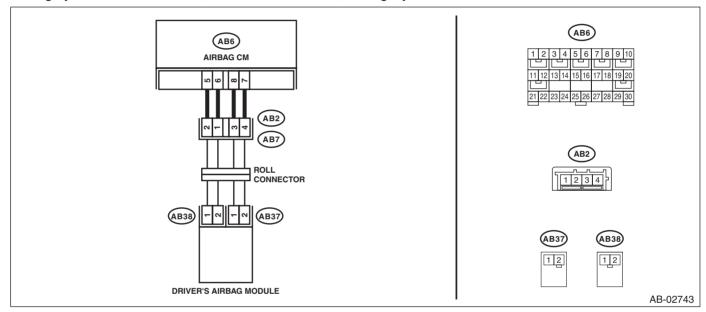
CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

NOTE:

Prior to starting work, prepare two AIRBAG RESISTORs (98299PA040).

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the driver's airbag module.	Is there poor contact?	Replace the airbag harness.	Go to step 2.
2	CHECK DRIVER'S AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Remove the driver's airbag module. 3) Connect the connector (1N) in the test harness N to the connector (AB38). 4) Connect the airbag resistor to the connector (2N) of test harness N. 5) Connect the connector (1Q) in the test harness Q to connector (AB37). 6) Connect the airbag resistor to the connector (2Q) in the test harness Q. 7) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for six seconds and go off?	Replace the driver's airbag module. <ref. to<br="">AB-42, Driver's Air- bag Module.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK ROLL CONNECTOR AND AIRBAG	Is the resistance 1 M Ω or	Go to step 5.	Go to step 4.
	MAIN HARNESS (DRIVER'S AIRBAG HAR-	more?		
	NESS).			
	1) Turn the ignition switch to OFF, disconnect			
	the battery ground cable, and wait for 60 sec-			
	onds or more.			
	2) Remove the console front panel and discon-			
	nect the connector (AB9).			
	3) Disconnect the connector (AB66) from the			
	driver's knee airbag module.			
	 Disconnect the airbag resistor from the con- nector (2N) in test harness N and from the con- 			
	nector (2Q) in test harness Q.			
	5) Disconnect the connectors (AB6, AB17,			
	AB18) from the airbag control module, and con-			
	nect the connector (1AG) in the test harness			
	AG.			
	NOTE:			
	Except for XV models, connect test harness AH			
	between the connectors (AB6, AB17, AB18)			
	and (1AG).			
	6) Measure the resistance between connector			
	(2N) terminals in test harness N.			
	Connector & terminal			
	(2N) No. 1 — (2N) No. 2:			
4	CHECK AIRBAG MAIN HARNESS (DRIV-	Is the resistance 1 M Ω or	Replace the roll	Replace the airbag
	ER'S AIRBAG HARNESS).	more?	connector. <ref. td="" to<=""><td></td></ref.>	
	 Remove the instrument panel lower cover and column cover, and disconnect the connec- 		AB-104, Roll Con- nector.>	along with body harness.
	tor (AB7) from (AB2).		necioi.>	namess.
	2) Disconnect the test harness Q from connec-			
	tor (AB37).			
	3) Measure the resistance between connector			
	(3AG) terminals in test harness AG.			
	Connector & terminal			
	(3AG) No. 2 — (3AG) No. 4:			
5	CHECK AIRBAG CONTROL MODULE.	Is the same DTC displayed?	Replace the airbag	Go to step 6.
	 Connect all connectors. 		control module.	
	2) Clear the memory.		<ref. ab-77,<="" td="" to=""><td></td></ref.>	
	3) Perform the Inspection Mode.		Airbag Control	
	4) Read the DTC. (Current malfunction)		Module.>	
6	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using	Finish the diagno-
			"List of Diagnostic	sis.
			Trouble Code	
			(DTC)". <ref. to<br="">AB(diag)-34, List</ref.>	
			of Diagnostic Trou-	
			ble Code (DTC).>	
			D.0 0000 (D10).>	

CK:DTC B1811 OPEN IN DRIVER'S AIRBAG DUAL STAGE - 2ND STEP

DTC DETECTING CONDITION:

- · Airbag main harness circuit is open.
- Airbag module harness (driver's side) circuit is open.
- Roll connector circuit is open.
- Driver's airbag module is faulty.
- · Airbag control module is faulty.

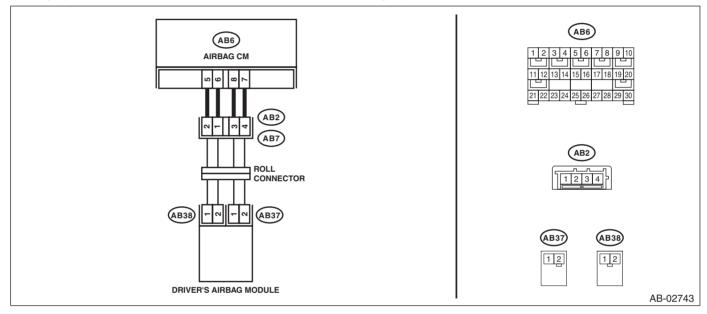
CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

NOTE:

Prior to starting work, prepare two AIRBAG RESISTORs (98299PA040).

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the driver's airbag module.	Is there poor contact?	Replace the airbag harness.	Go to step 2.
2	CHECK DRIVER'S AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Remove the driver's airbag module. 3) Connect the connector (1N) in the test harness N to the connector (AB38). 4) Connect the airbag resistor to the connector (2N) of test harness N. 5) Connect the connector (1Q) in the test harness Q to connector (AB37). 6) Connect the airbag resistor to the connector (2Q) in the test harness Q. 7) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for six seconds and go off?	Replace the driver's airbag module. <ref. to<br="">AB-42, Driver's Air- bag Module.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK ROLL CONNECTOR AND AIRBAG MAIN HARNESS (DRIVER'S AIRBAG HARNESS). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Remove the console front panel and disconnect the connector (AB9). 3) Disconnect the connector (AB66) from the driver's knee airbag module. 4) Disconnect the airbag resistor from the connector (2N) in test harness N. 5) Disconnect the airbag resistor from the connector (2Q) of test harness Q. 6) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 7) Measure the resistance between connector (2N) terminals in test harness N. Connector & terminal (2N) No. 1 — (2N) No. 2:	Is the resistance less than 10 Ω ?	Go to step 5.	Go to step 4.
4	 CHECK ROLL CONNECTOR. Remove the instrument panel lower cover and column cover, and disconnect the connector (AB7) from (AB2). Measure the resistance between connector (2N) terminals in test harness N. Connector & terminal (2N) No. 1 — (2N) No. 2: 	Is the resistance less than 10 Ω ?	Replace the airbag main harness along with body harness.	Replace the roll connector. <ref. to<br="">AB-104, Roll Con- nector.></ref.>
5	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 6.
6	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

CL:DTC B1812 SHORT IN DRIVER'S AIRBAG DUAL STAGE - 2ND STEP (TO GROUND)

DTC DETECTING CONDITION:

- · Airbag main harness circuit is shorted to ground.
- Airbag module harness (driver's side) circuit is shorted to ground.
- Roll connector circuit is shorted to ground.
- Driver's airbag module is faulty.
- · Airbag control module is faulty.

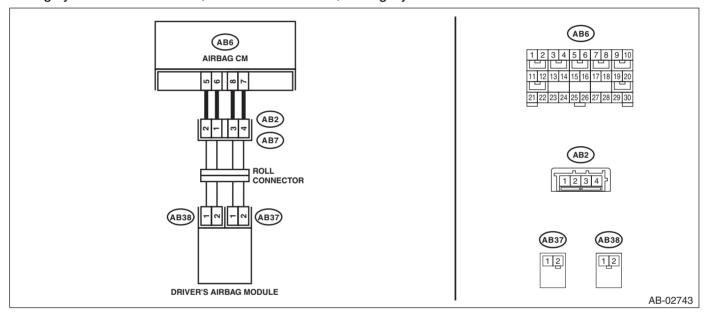
CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

NOTE:

Prior to starting work, prepare two AIRBAG RESISTORs (98299PA040).

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the driver's airbag module.	Is there poor contact?	Replace the airbag harness.	Go to step 2.
2	CHECK DRIVER'S AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Remove the driver's airbag module. 3) Connect the connector (1N) in the test harness N to the connector (AB38). 4) Connect the airbag resistor to the connector (2N) of test harness N. 5) Connect the connector (1Q) in the test harness Q to connector (AB37). 6) Connect the airbag resistor to the connector (2Q) in the test harness Q. 7) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for six seconds and go off?	Replace the driver's airbag module. <ref. to<br="">AB-42, Driver's Air- bag Module.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK ROLL CONNECTOR. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Remove the instrument panel lower cover and column cover, and disconnect the connector (AB7) from (AB2). 3) Disconnect the connector (AB66) from the driver's knee airbag module. 4) Disconnect the airbag resistor from the connector (2N) in test harness N and from the connector (2Q) in test harness Q. 5) Measure the resistance between connector (2N) in the test harness N and chassis ground. Connector & terminal (2N) No. 1 — Chassis ground: (2N) No. 2 — Chassis ground:	Is the resistance 1 MΩ or more?	Go to step 4.	Replace the roll connector. <ref. to<br="">AB-104, Roll Con- nector.></ref.>
4	CHECK AIRBAG MAIN HARNESS (DRIV-ER'S AIRBAG HARNESS). 1) Disconnect the test harness N from connector (AB38). 2) Disconnect the test harness Q from connector (AB37). 3) Remove the console front panel and disconnect the connector (AB9). 4) Disconnect the connectors (AB6, AB17, AB18) from the airbag control module, and connect the connector (1AG) in the test harness AG. NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 5) Measure the resistance between connector (3AG) in the test harness AG and chassis ground. Connector & terminal (3AG) No. 2 — Chassis ground: (3AG) No. 4 — Chassis ground:	Is the resistance 1 $M\Omega$ or more?	Go to step 5.	Replace the airbag main harness along with body harness.
5	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 6.
6	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Finish the diagnosis.

CM:DTC B1813 SHORT IN DRIVER'S AIRBAG DUAL STAGE - 2ND STEP CIR-CUIT (TO +B)

DTC DETECTING CONDITION:

- Airbag main harness circuit is shorted to power supply.
- Airbag module harness (driver's side) circuit is shorted to power supply.
- Roll connector is shorted to power supply.
- Driver's airbag module is faulty.
- · Airbag control module is faulty.

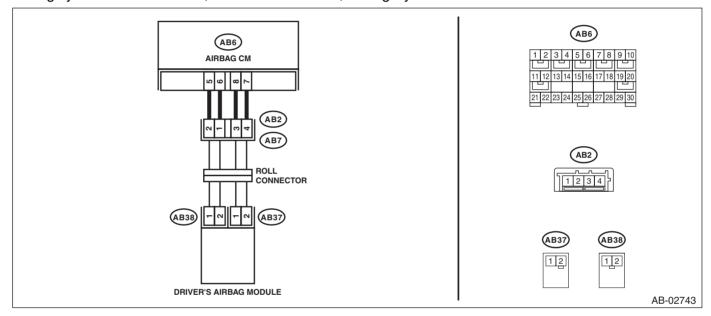
CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

NOTE:

Prior to starting work, prepare two AIRBAG RESISTORs (98299PA040).

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the driver's airbag module.	Is there poor contact?	Replace the airbag harness.	Go to step 2.
2	CHECK DRIVER'S AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Remove the driver's airbag module. 3) Connect the connector (1N) in the test harness N to the connector (AB38). 4) Connect the airbag resistor to the connector (2N) of test harness N. 5) Connect the connector (1Q) in the test harness Q to connector (AB37). 6) Connect the airbag resistor to the connector (2Q) in the test harness Q. 7) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for six seconds and go off?	Replace the driver's airbag module. <ref. to<br="">AB-42, Driver's Air- bag Module.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK ROLL CONNECTOR. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Remove the instrument panel lower cover and column cover, and disconnect the connector (AB7) from (AB2). 3) Disconnect the connector (AB66) from the driver's knee airbag module. 4) Disconnect the airbag resistor from the connector (2N) in test harness N and from the connector (2Q) in test harness Q. 5) Measure the voltage between connector (2N) in the test harness N and chassis ground. Connector & terminal (2N) No. 1 (+) — Chassis ground (-): (2N) No. 2 (+) — Chassis ground (-):	Is the voltage less than 1 V?	Go to step 4.	Replace the roll connector. <ref. to<br="">AB-104, Roll Con- nector.></ref.>
4	CHECK AIRBAG MAIN HARNESS (DRIV-ER'S AIRBAG HARNESS). 1) Disconnect the test harness N from connector (AB38). 2) Disconnect the test harness Q from connector (AB37). 3) Remove the console front panel and disconnect the connector (AB9). 4) Disconnect the connectors (AB6, AB17, AB18) from the airbag control module, and connect the connector (1AG) in the test harness AG. NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 5) Measure the voltage between connector (3AG) in the test harness AG and chassis ground. Connector & terminal (3AG) No. 2 (+) — Chassis ground (-): (3AG) No. 4 (+) — Chassis ground (-):	Is the voltage less than 1 V?	Go to step 5.	Replace the airbag main harness along with body harness.
5	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 6.
6	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Finish the diagnosis.

CN:DTC B1815 OPEN IN PASSENGER'S AIRBAG DUAL STAGE - 2ND STEP

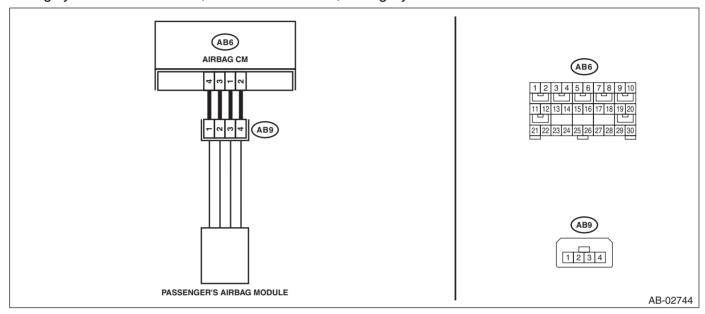
DTC DETECTING CONDITION:

- · Airbag main harness circuit is shorted.
- Airbag module harness circuit (passenger's side) is shorted.
- Passenger's airbag module is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNEC-	Is there poor contact?	Replace the airbag	Go to step 2.
	TORS.		harness.	
	Check for poor contact of the connectors			
	between the airbag control module and the pas-			
	senger's airbag module.			

	Step	Check	Yes	No
3	CHECK AIRBAG MAIN HARNESS (PASSENGER'S AIRBAG HARNESS). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connectors (AB7) and (AB2). 3) Disconnect the connector (AB66) from the driver's knee airbag module. 4) Disconnect the connectors (AB6, AB17, AB18) from the airbag control module, connect the connector (1AG) in the test harness AG, and release the short mechanism of the connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect the connectors (AB6, AB17, AB18) and the connector (1AH) in the test harness AH. 5) Disconnect the passenger's airbag module connector (AB9). 6) Using a probe, measure the resistance between the terminals of connector (AB9). Ref. to AB(diag)-16, HOW TO USE PROBE, PREPARATION TOOL, General Description.> CAUTION: When measuring the resistance, make sure that the probe is inserted from the back side (harness side) of the connector. Also, do not insert the probe forcibly. Connector & terminal (AB9) No. 3 — (AB9) No. 4: CHECK AIRBAG CONTROL MODULE.	Is the resistance 1 $M\Omega$ or more?	Go to step 3. Replace the airbag	Replace the airbag main harness along with body harness. Go to step 4.
	 Disconnect the test harness AG and test harness AH from the connectors (AB6, AB17, AB18). Connect the connectors (AB6, AB17, AB18) and the airbag control module. Connect the connectors (AB7) and (AB2). Connect the connector (AB66) to the driver's knee airbag module. Connect the battery ground terminal and turn the ignition switch to ON. Perform the Inspection Mode. Read the DTC. (Current malfunction) 		control module. <ref. ab-77,<br="" to="">REMOVAL, Airbag Control Module.></ref.>	
4	CHECK PASSENGER'S AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Connect the passenger's airbag module connector (AB9). 3) Connect the battery ground terminal and turn the ignition switch to ON. 4) Perform the Inspection Mode. 5) Read the DTC. (Current malfunction)	Is DTC B1815 displayed?	Replace the pas- senger's airbag module. <ref. to<br="">AB-47, REMOVAL, Passenger's Air- bag Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Finish the diagnosis.

CO:DTC B1816 OPEN IN PASSENGER'S AIRBAG DUAL STAGE - 2ND STEP

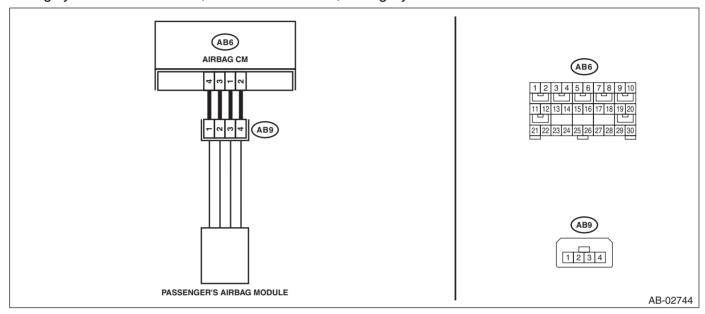
DTC DETECTING CONDITION:

- · Airbag main harness circuit is open.
- Airbag module harness (passenger's side) circuit is open.
- Passenger's airbag module is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNEC-	Is there poor contact?	Replace the airbag	Go to step 2.
	TORS. Check for poor contact of the connectors		harness.	
	between the airbag control module and the pas-			
	senger's airbag module.			
2	CHECK AIRBAG MAIN HARNESS (PASSEN-	Is the resistance less than 10	Go to step 3.	Replace the airbag
	GER'S AIRBAG HARNESS).	Ω?		main harness
	 Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 sec- 			along with body harness.
	onds or more.			marriess.
	Disconnect the connectors (AB7) and			
	(AB2).			
	3) Disconnect the connector (AB66) from the			
	driver's knee airbag module. 4) Disconnect the connectors (AB6, AB17,			
	AB18) from airbag control module.			
	5) Disconnect the passenger's airbag module			
	connector (AB9).			
	Using a probe, measure the resistance between the terminals of connector (AB9).			
	Ref. to AB(diag)-16, HOW TO USE PROBE,			
	PREPARATION TOOL, General Description.>			
	CAUTION:			
	When measuring the resistance, make sure			
	that the probe is inserted from the back side (harness side) of the connector. Also, do not			
	insert the probe forcibly.			
	Connector & terminal			
	(AB9) No. 3 — (AB9) No. 4:			
3	CHECK AIRBAG CONTROL MODULE.	Is DTC B1816 displayed?	Replace the airbag	Go to step 4.
	1) Connect the connectors (AB6, AB17, AB18) and the airbag control module.		control module. <ref. ab-77,<="" td="" to=""><td></td></ref.>	
	2) Connect the connectors (AB7) and (AB2).		REMOVAL, Airbag	
	3) Connect the connector (AB66) to the		Control Module.>	
	driver's knee airbag module.			
	4) Using a probe, short the terminals No. 3 and No. 4 of connector (AB9). <ref. ab(diag)-16,<="" td="" to=""><td></td><td></td><td></td></ref.>			
	HOW TO USE PROBE, PREPARATION TOOL,			
	General Description.>			
	CAUTION:			
	When shorting the terminals, make sure that			
	the probe is inserted from the back side (harness side) of the connector. Also, do not			
	insert the probe forcibly.			
	Connector & terminal			
	(AB9) No. 3 — (AB9) No. 4:			
	Connect the battery ground terminal and turn the ignition switch to ON.			
	6) Perform the Inspection Mode.			
	7) Read the DTC. (Current malfunction)			
4	CHECK PASSENGER'S AIRBAG MODULE.	Is DTC B1816 displayed?	Replace the pas-	Go to step 5.
	1) Turn the ignition switch to OFF, disconnect		senger's airbag	
	the battery ground cable, and wait for 60 seconds or more.		module. <ref. ab-47,="" removal,<="" td="" to=""><td></td></ref.>	
	2) Connect the passenger's airbag module		Passenger's Air-	
	connector (AB9).		bag Module.>	
	3) Connect the battery ground terminal and			
	turn the ignition switch to ON.			
	4) Perform the Inspection Mode.5) Read the DTC. (Current malfunction)			
	o, rioda ino Dro. (Odiforit mandifolion)		I	

Step	Check	Yes	No
5 CHECK FOR ANY OTHER DTC ON DISPLAY.		Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

CP:DTC B1817 SHORT IN PASSENGER'S AIRBAG DUAL STAGE - 2ND STEP (TO GROUND)

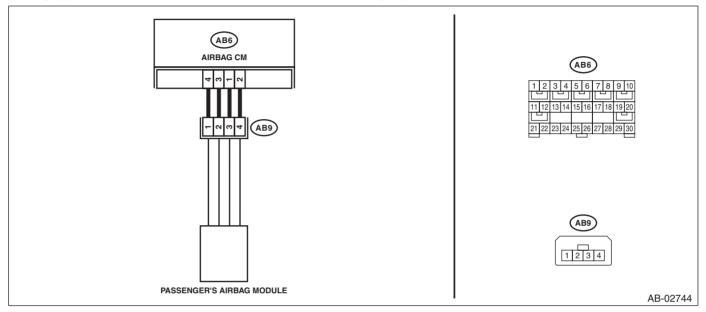
DTC DETECTING CONDITION:

- · Airbag main harness circuit is shorted to ground.
- Airbag module harness (passenger's side) circuit is shorted to ground.
- · Passenger's airbag module is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the passenger's airbag module.	Is there poor contact?	Replace the airbag harness.	Go to step 2.
2	CHECK AIRBAG MAIN HARNESS (PASSEN-GER'S AIRBAG HARNESS). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connectors (AB7) and (AB2). 3) Disconnect the connector (AB66) from the driver's knee airbag module. 4) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 5) Disconnect the passenger's airbag module connector (AB9). 6) Using a probe, measure the resistance between the connector (AB9) and chassis ground. <ref. ab(diag)-16,="" description.="" general="" how="" preparation="" probe,="" to="" tool,="" use=""> CAUTION: When measuring the resistance, make sure that the probe is inserted from the back side (harness side) of the connector. Also, do not insert the probe forcibly. Connector & terminal (AB9) No. 3 — Chassis ground: (AB9) No. 4 — Chassis ground:</ref.>	more?	Go to step 3.	Replace the airbag main harness along with body harness.
3	CHECK AIRBAG CONTROL MODULE. 1) Connect the connectors (AB6, AB17, AB18) and the airbag control module. 2) Using a probe, short the terminals No. 3 and No. 4 of connector (AB9). <ref. ab(diag)-16,="" description.="" general="" how="" preparation="" probe,="" to="" tool,="" use=""> CAUTION: When shorting the terminals, make sure that the probe is inserted from the back side (harness side) of the connector. Also, do not insert the probe forcibly. Connector & terminal (AB9) No. 3 — (AB9) No. 4: 3) Connect the battery ground terminal and turn the ignition switch to ON. 4) Perform the Inspection Mode. 5) Read the DTC. (Current malfunction)</ref.>		Replace the airbag control module. <ref. ab-77,<br="" to="">REMOVAL, Airbag Control Module.></ref.>	Go to step 4.

	Step	Check	Yes	No
4	CHECK PASSENGER'S AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Release the short circuit of connector (AB9). 3) Connect the passenger's airbag module connector (AB9). 4) Connect the connectors (AB7) and (AB2). 5) Connect the connector (AB66) to the driver's knee airbag module. 6) Connect the battery ground terminal and turn the ignition switch to ON. 7) Perform the Inspection Mode. 8) Read the DTC. (Current malfunction)	Is DTC B1817 displayed?	Replace the pas- senger's airbag module. <ref. to<br="">AB-47, REMOVAL, Passenger's Air- bag Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

CQ:DTC B1818 SHORT IN PASSENGER'S AIRBAG DUAL STAGE - 2ND STEP CIRCUIT (TO +B)

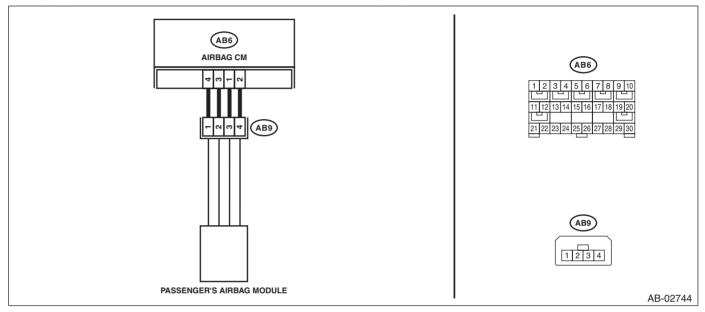
DTC DETECTING CONDITION:

- Airbag main harness circuit is shorted to power supply.
- Airbag module harness (passenger's side) circuit is shorted to power supply.
- · Passenger's airbag module is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the passenger's airbag module.	Is there poor contact?	Replace the airbag harness.	Go to step 2.
2	CHECK AIRBAG MAIN HARNESS (PASSENGER'S AIRBAG HARNESS). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connectors (AB7) and (AB2). 3) Disconnect the connector (AB66) from the driver's knee airbag module. 4) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 5) Disconnect the passenger's airbag module connector (AB9). 6) Using a probe, measure the voltage between the connector (AB9) and chassis ground. <ref. ab(diag)-16,="" description.="" general="" how="" preparation="" probe,="" to="" tool,="" use=""> CAUTION: When measuring the voltage, make sure that the probe is inserted from the back side (harness side) of the connector. Also, do not insert the probe forcibly. Connector & terminal (AB9) No. 3 (+) — Chassis ground (-): (AB9) No. 4 (+) — Chassis ground (-):</ref.>		Go to step 3.	Replace the airbag main harness along with body harness.
3	CHECK AIRBAG CONTROL MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Connect the connectors (AB6, AB17, AB18) and the airbag control module. 3) Using a probe, short the terminals No. 3 and No. 4 of connector (AB9). <ref. ab(diag)-16,="" description.="" general="" how="" preparation="" probe,="" to="" tool,="" use=""> CAUTION: When shorting the terminals, make sure that the probe is inserted from the back side (harness side) of the connector. Also, do not insert the probe forcibly. Connector & terminal (AB9) No. 3 — (AB9) No. 4: 4) Connect the battery ground terminal and turn the ignition switch to ON. 5) Perform the Inspection Mode. 6) Read the DTC. (Current malfunction)</ref.>	Is DTC B1818 displayed?	Replace the airbag control module. <ref. ab-77,="" airbag="" control="" module.="" removal,="" to=""></ref.>	Go to step 4.

	Step	Check	Yes	No
4	CHECK PASSENGER'S AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Release the short circuit of connector (AB9). 3) Connect the passenger's airbag module connector (AB9). 4) Connect the connectors (AB7) and (AB2). 5) Connect the connector (AB66) to the driver's knee airbag module. 6) Connect the battery ground terminal and turn the ignition switch to ON. 7) Perform the Inspection Mode. 8) Read the DTC. (Current malfunction)	Is DTC B1818 displayed?	Replace the pas- senger's airbag module. <ref. to<br="">AB-47, REMOVAL, Passenger's Air- bag Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

CR:DTC B1820 SHORT IN SIDE AIRBAG RH

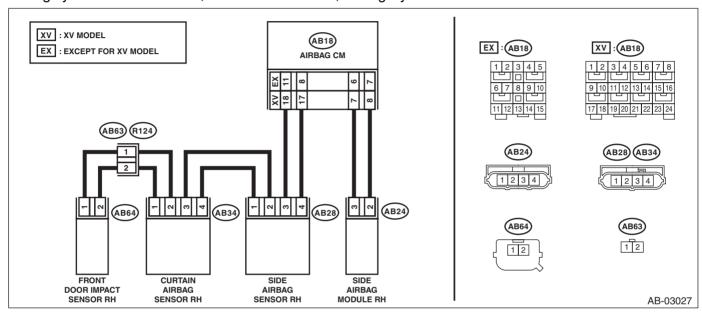
DTC DETECTING CONDITION:

- Side airbag harness (RH) circuit is shorted.
- · Side airbag module (RH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module, side airbag module RH and the side airbag sensor RH.	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
2	CHECK SIDE AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB24) from the side airbag module (RH), and connect the connector (1AJ) in the test harness AJ to connector (AB24). 3) Connect the airbag resistor to the test harness AJ connector (3AJ). 4) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for 6 seconds and go off?	Replace the side airbag module (RH). <ref. ab-<br="" to="">66, REMOVAL, Side Airbag Mod- ule.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (SIDE AIRBAG MODULE HARNESS RH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB26) from seat belt pretensioner (RH). 3) Disconnect the connector (AB33) from curtain airbag module (RH). 4) Disconnect the airbag resistor from test harness AJ. 5) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 6) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 7) Measure the resistance between connector (3AJ) in the test harness AJ and chassis ground. Connector & terminal (3AJ) No. 1 — (3AJ) No. 2:	Is the resistance 1 $M\Omega$ or more?	Go to step 4.	Replace the airbag rear harness along with body harness.
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

CS:DTC B1821 OPEN IN SIDE AIRBAG RH

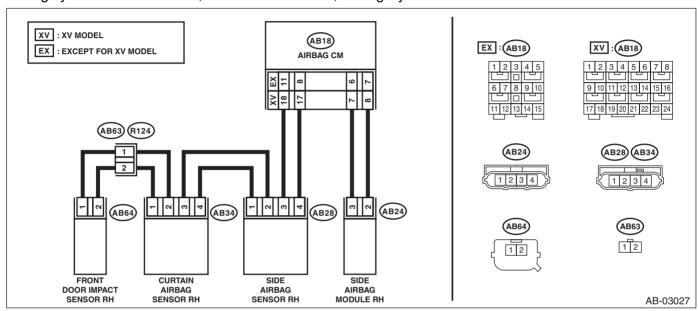
DTC DETECTING CONDITION:

- Side airbag harness (RH) circuit is open.
- · Side airbag module (RH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module, side airbag module RH and the side airbag sensor RH.	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
2	CHECK SIDE AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB24) from the side airbag module (RH), and connect the connector (1AJ) in the test harness AJ to connector (AB24). 3) Connect the airbag resistor to the test harness AJ connector (3AJ). 4) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for 6 seconds and go off?	Replace the side airbag module (RH). <ref. ab-<br="" to="">66, REMOVAL, Side Airbag Mod- ule.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (SIDE AIRBAG MODULE HARNESS RH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB26) from seat belt pretensioner (RH). 3) Disconnect the connector (AB33) from curtain airbag module (RH). 4) Disconnect the airbag resistor from test harness AJ. 5) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 6) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 7) Measure the resistance between connector in the test harness AJ. Connector & terminal XV model (5AG) No. 5 — (3AJ) No. 1: (5AG) No. 7 — (3AJ) No. 2: Except for XV model (4AG) No. 11 — (3AJ) No. 1: (4AG) No. 13 — (3AJ) No. 2:	Is the resistance less than 10 Ω ?	Go to step 4.	Replace the airbag rear harness along with body harness.
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Finish the diagnosis.

CT:DTC B1822 SHORT IN SIDE AIRBAG RH (TO GROUND)

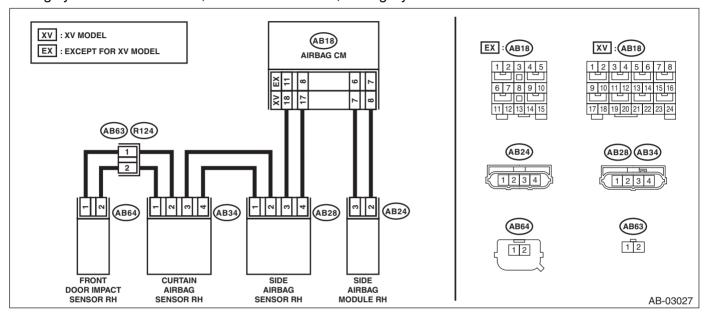
DTC DETECTING CONDITION:

- Side airbag harness (RH) circuit is shorted to ground.
- Side airbag module (RH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module, side airbag module RH and the side airbag sensor RH.	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
2	CHECK SIDE AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB24), and connect the connector (1AJ) in test harness AJ to connector (AB24). 3) Connect the airbag resistor to the test harness AJ connector (3AJ). 4) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for six seconds and go off?	Replace the side airbag module (RH). <ref. ab-<br="" to="">66, REMOVAL, Side Airbag Mod- ule.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (SIDE AIRBAG MODULE HARNESS RH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB26) from seat belt pretensioner (RH). 3) Disconnect the connector (AB33) from curtain airbag module (RH). 4) Disconnect the airbag resistor from test harness AJ. 5) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 6) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 7) Measure the resistance between connector (3AJ) in the test harness AJ and chassis ground. Connector & terminal (3AJ) No. 1 — Chassis ground:		Go to step 4.	Replace the airbag rear harness along with body harness.
4	 CHECK AIRBAG CONTROL MODULE. Connect all connectors. Clear the memory. Perform the Inspection Mode. Read the DTC. (Current malfunction) 	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Finish the diagnosis.

CU:DTC B1823 SHORT IN SIDE AIRBAG RH (TO +B)

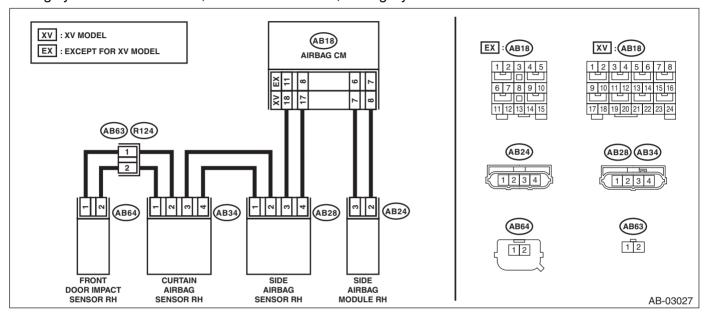
DTC DETECTING CONDITION:

- Side airbag harness (RH) is shorted to power supply.
- · Side airbag module (RH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module, side airbag module RH and the side airbag sensor RH.	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
2	CHECK SIDE AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB24), and connect the connector (1AJ) in test harness AJ to connector (AB24). 3) Connect the airbag resistor to the test harness AJ connector (3AJ). 4) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for six seconds and go off?	Replace the side airbag module (RH). <ref. ab-<br="" to="">66, REMOVAL, Side Airbag Mod- ule.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (SIDE AIRBAG MODULE HARNESS RH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB26) from seat belt pretensioner (RH). 3) Disconnect the connector (AB33) from curtain airbag module (RH). 4) Disconnect the airbag resistor from test harness. 5) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 6) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 7) Connect the battery ground terminal and turn the ignition switch to ON. 8) Measure the voltage between connector (3AJ) in the test harness AJ and chassis ground. Connector & terminal (3AJ) No. 1 (+) — Chassis ground (-):	Is the voltage less than 1 V?	Go to step 4.	Replace the airbag rear harness along with body harness.
4	(3AJ) No. 2 (+) — Chassis ground (-): CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

CV:DTC B1825 SHORT IN SIDE AIRBAG LH

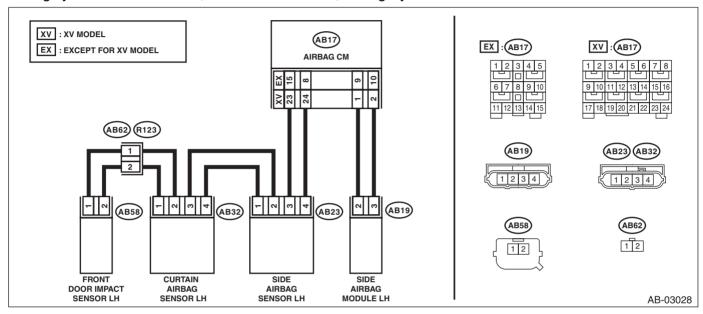
DTC DETECTING CONDITION:

- Side airbag harness (LH) circuit is shorted.
- Side airbag module (LH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module, side airbag module LH and the side airbag sensor LH.	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
2	CHECK SIDE AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB19) from the side airbag module (LH), and connect the connector (1AJ) in test harness AJ to the connector (AB19). 3) Connect the airbag resistor to the test harness AJ connector (3AJ). 4) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for 6 seconds and go off?	Replace the side airbag module (LH). <ref. ab-<br="" to="">66, REMOVAL, Side Airbag Mod- ule.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (SIDE AIRBAG MODULE HARNESS LH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB21) from seat belt pretensioner (LH). 3) Disconnect the connector (AB31) from curtain airbag module (LH). 4) Disconnect the airbag resistor from test harness AJ. 5) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 6) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 7) Measure the resistance between connector (3AJ) terminals in test harness AJ. Connector & terminal (3AJ) No. 1 — (3AJ) No. 2:		Go to step 4.	Replace the airbag rear harness along with body harness.
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Finish the diagnosis.

CW:DTC B1826 OPEN IN SIDE AIRBAG LH

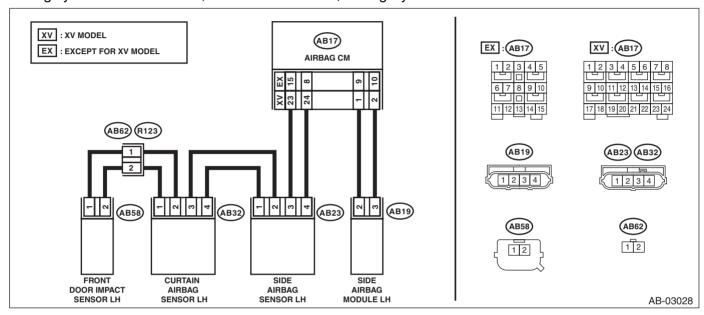
DTC DETECTING CONDITION:

- Side airbag harness (LH) circuit is open.
- · Side airbag module (LH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module, side airbag module LH and the side airbag sensor LH.	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
2	CHECK SIDE AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB19) from the side airbag module (LH), and connect the connector (1AJ) in test harness AJ to the connector (AB19). 3) Connect the airbag resistor to the test harness AJ connector (3AJ). 4) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for 6 seconds and go off?	Replace the side airbag module (LH). <ref. ab-<br="" to="">66, REMOVAL, Side Airbag Mod- ule.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (SIDE AIRBAG MODULE HARNESS LH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB21) from seat belt pretensioner (LH). 3) Disconnect the connector (AB31) from curtain airbag module (LH). 4) Disconnect the airbag resistor from test harness AJ. 5) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 6) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 7) Measure the resistance between connector (4AG) or (5AG) in the test harness AJ. Connector & terminal XV model (5AG) No. 1 — (3AJ) No. 2: (5AG) No. 3 — (3AJ) No. 1: Except for XV model (4AG) No. 8 — (3AJ) No. 2: (4AG) No. 8 — (3AJ) No. 2:	Is the resistance less than 10 Ω ?	Go to step 4.	Replace the airbag rear harness along with body harness.
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Finish the diagnosis.

CX:DTC B1827 SHORT IN SIDE AIRBAG LH (TO GROUND)

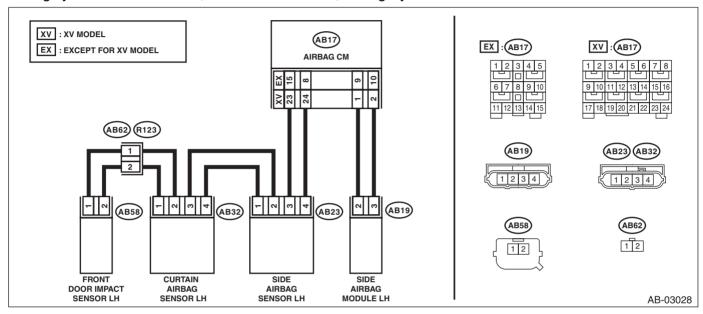
DTC DETECTING CONDITION:

- Side airbag harness (LH) circuit is shorted to ground.
- Side airbag module (LH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module, side airbag module LH and the side airbag sensor LH.	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
2	CHECK SIDE AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB19), and connect the connector (1AJ) in test harness AJ to connector (AB19). 3) Connect the airbag resistor to the test harness AJ connector (3AJ). 4) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for six seconds and go off?	Replace the side airbag module (LH). <ref. ab-<br="" to="">66, REMOVAL, Side Airbag Mod- ule.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (SIDE AIRBAG MODULE HARNESS LH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB21) from seat belt pretensioner (LH). 3) Disconnect the connector (AB31) from curtain airbag module (LH). 4) Disconnect the airbag resistor from test harness. 5) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 6) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 7) Measure the resistance between connector (3AJ) in the test harness AJ and chassis ground. Connector & terminal (3AJ) No. 1 — Chassis ground:		Go to step 4.	Replace the airbag rear harness along with body harness.
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Finish the diagnosis.

CY:DTC B1828 SHORT IN SIDE AIRBAG LH (TO +B)

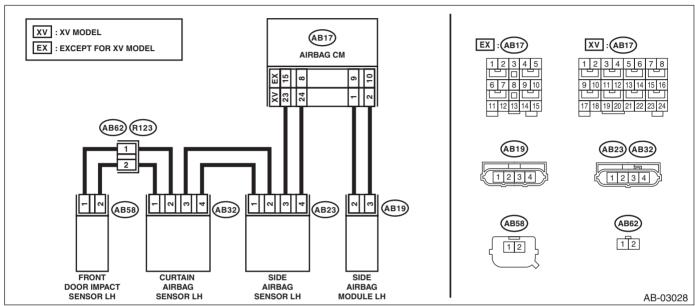
DTC DETECTING CONDITION:

- Side airbag harness (LH) is shorted to power supply.
- Side airbag module (LH) is faulty.
- Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module, side airbag module LH and the side airbag sensor LH.	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
2	CHECK SIDE AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB19), and connect the connector (1AJ) in test harness AJ to connector (AB19). 3) Connect the airbag resistor to the test harness AJ connector (3AJ). 4) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for six seconds and go off?	Replace the side airbag module (LH). <ref. ab-<br="" to="">66, REMOVAL, Side Airbag Mod- ule.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (SIDE AIRBAG MODULE HARNESS LH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB21) from seat belt pretensioner (LH). 3) Disconnect the connector (AB31) from curtain airbag module (LH). 4) Disconnect the airbag resistor from test harness. 5) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 6) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 7) Connect the battery ground terminal and turn the ignition switch to ON. 8) Measure the voltage between connector (3AJ) in the test harness AJ and chassis ground. Connector & terminal (3AJ) No. 1 (+) — Chassis ground (-): (3AJ) No. 2 (+) — Chassis ground (-):		Go to step 4.	Replace the airbag rear harness along with body harness.
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

CZ:DTC B1830 SHORT IN CURTAIN AIRBAG RH SQUIB CIRCUIT

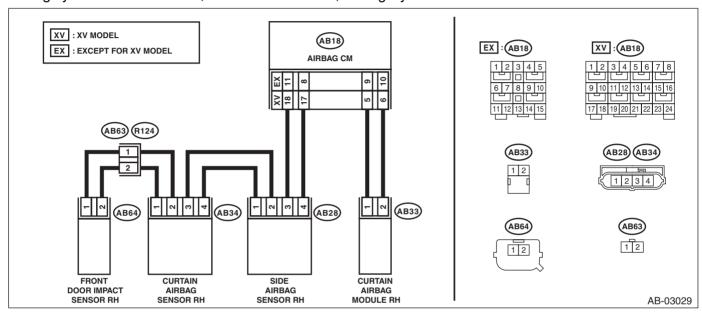
DTC DETECTING CONDITION:

- Curtain airbag harness (RH) circuit is shorted.
- Curtain airbag module (RH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module, curtain airbag module RH and the curtain airbag sensor RH.	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
2	CHECK CURTAIN AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB33) from curtain airbag module (RH). 3) Connect the connector (1N) in the test harness N to the connector (AB33). 4) Connect the airbag resistor to the connector (2N) of test harness N. 5) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for 6 seconds and go off?	Replace the curtain airbag module (RH). <ref. ab-74,="" airbag="" curtain="" module.="" to=""></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (CURTAIN AIRBAG MODULE HARNESS RH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB26) from seat belt pretensioner (RH). 3) Disconnect connector (AB24) from side airbag module (RH). 4) Disconnect the airbag resistor from test harness N. 5) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 6) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 7) Measure the resistance between connector (2N) terminals in test harness N. Connector & terminal (2N) No. 2:	Is the resistance 1 $M\Omega$ or more?	Go to step 4.	Replace the airbag rear harness along with body harness.
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	·
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Finish the diagnosis.

DA:DTC B1831 OPEN IN CURTAIN AIRBAG RH SQUIB CIRCUIT

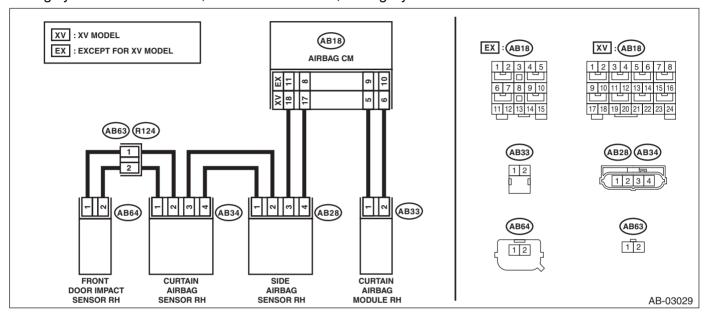
DTC DETECTING CONDITION:

- Curtain airbag harness (RH) circuit is open.
- · Curtain airbag module (RH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module, curtain airbag module RH and the curtain airbag sensor RH.	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
2	CHECK CURTAIN AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB33) from curtain airbag module (RH). 3) Connect the connector (1N) in the test harness N to the connector (AB33). 4) Connect the airbag resistor to the connector (2N) of test harness N. 5) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for 6 seconds and go off?	Replace the curtain airbag module (RH). <ref. ab-74,="" airbag="" curtain="" module.="" to=""></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (CURTAIN AIRBAG MODULE HARNESS RH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB26) from seat belt pretensioner (RH). 3) Disconnect connector (AB24) from side airbag module (RH). 4) Disconnect the airbag resistor from test harness N. 5) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 6) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 7) Measure the resistance between connector (5AG) or (6AG) in the test harness AG and connector (2N) in the test harness N. Connector & terminal XV model (6AG) No. 8 — (2N) No. 1: (6AG) No. 6 — (2N) No. 2: Except for XV model (5AG) No. 6 — (2N) No. 2:	Is the resistance less than 10 Ω ?	Go to step 4.	Replace the airbag rear harness along with body harness.
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5 .
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Finish the diagnosis.

DB:DTC B1832 SHORT IN CURTAIN AIRBAG RH SQUIB CIRCUIT (TO GROUND)

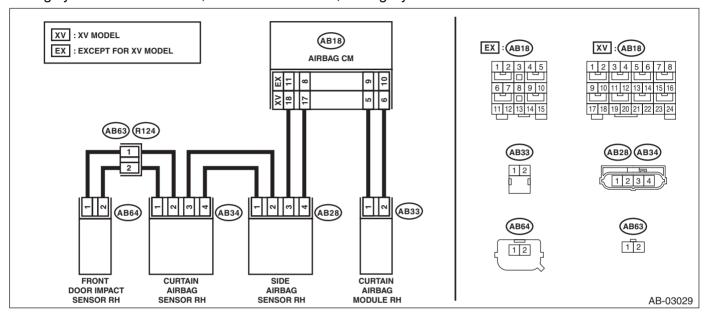
DTC DETECTING CONDITION:

- Curtain airbag harness (RH) circuit is shorted to ground.
- Curtain airbag module (RH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module, curtain airbag module RH and the curtain airbag sensor RH.	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
2	CHECK CURTAIN AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB33), and connect the connector (1N) in test harness N to connector (AB33). 3) Connect the airbag resistor to the connector (2N) of test harness N. 4) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for six seconds and go off?	Replace the curtain airbag module (RH). <ref. ab-74,="" airbag="" curtain="" module.="" to=""></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (CURTAIN AIRBAG MODULE HARNESS RH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB26) from seat belt pretensioner (RH). 3) Disconnect connector (AB24) from side airbag module (RH). 4) Disconnect the airbag resistor from test harness N. 5) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 6) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). NOTE: For XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 7) Measure the resistance between connector (2N) in the test harness N and chassis ground. Connector & terminal (2N) No. 1 — Chassis ground: (2N) No. 2 — Chassis ground:		Go to step 4.	Replace the airbag rear harness along with body harness.
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

DC:DTC B1833 SHORT IN CURTAIN SHIELD AIRBAG RH SQUIB CIRCUIT (TO +B)

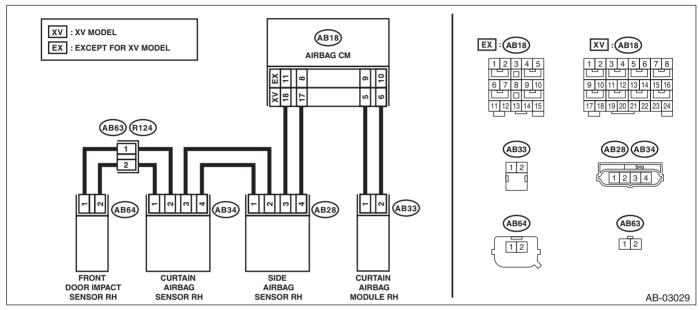
DTC DETECTING CONDITION:

- Curtain airbag harness (RH) is shorted to power supply.
- Curtain airbag module (RH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module, curtain airbag module RH and the curtain airbag sensor RH.	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
2	CHECK CURTAIN AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB33), and connect the connector (1N) in test harness N to connector (AB33). 3) Connect the airbag resistor to the connector (2N) of test harness N. 4) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for six seconds and go off?	Replace the curtain airbag module (RH). <ref. ab-74,="" airbag="" curtain="" module.="" to=""></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (CURTAIN AIRBAG MODULE HARNESS RH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB26) from seat belt pretensioner (RH). 3) Disconnect connector (AB24) from side airbag module (RH). 4) Disconnect the airbag resistor from test harness N. 5) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 6) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 7) Connect the battery ground terminal and turn the ignition switch to ON. 8) Measure the voltage between connector (2N) in the test harness N and chassis ground. Connector & terminal (2N) No. 1 (+) — Chassis ground (-): (2N) No. 2 (+) — Chassis ground (-):		Go to step 4.	Replace the airbag rear harness along with body harness.
4	 CHECK AIRBAG CONTROL MODULE. Connect all connectors. Clear the memory. Perform the Inspection Mode. Read the DTC. (Current malfunction) 	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

DD:DTC B1835 SHORT IN CURTAIN AIRBAG LH SQUIB CIRCUIT

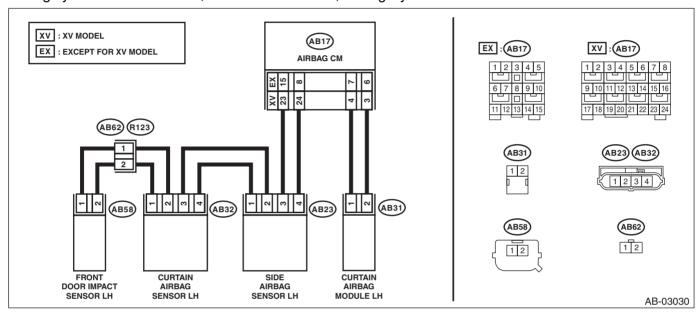
DTC DETECTING CONDITION:

- Curtain airbag harness (LH) circuit is shorted.
- Curtain airbag module (LH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
TORS. Check for p between th	poor contact of the connectors are airbag control module, curtain aire LH and the curtain airbag sensor	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
1) Turn th the battery onds or mo 2) Discon tain airbag 3) Conner ness N to t 4) Conner (2N) of tes 5) Conner	e ignition switch to OFF, disconnect ground cable, and wait for 60 sec-	Does the airbag warning light illuminate for 6 seconds and go off?	Replace the curtain airbag module (LH). <ref. ab-74,="" airbag="" curtain="" module.="" to=""></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (CURTAIN AIRBAG MODULE HARNESS LH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB21) from seat belt pretensioner (LH). 3) Disconnect connector (AB19) from side airbag module (LH). 4) Disconnect the airbag resistor from test harness N. 5) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 6) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 7) Measure the resistance between connector (2N) terminals in test harness N. Connector & terminal (2N) No. 2:	Is the resistance 1 $M\Omega$ or more?	Go to step 4.	Replace the airbag rear harness along with body harness.
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

DE:DTC B1836 OPEN IN CURTAIN AIRBAG LH SQUIB CIRCUIT

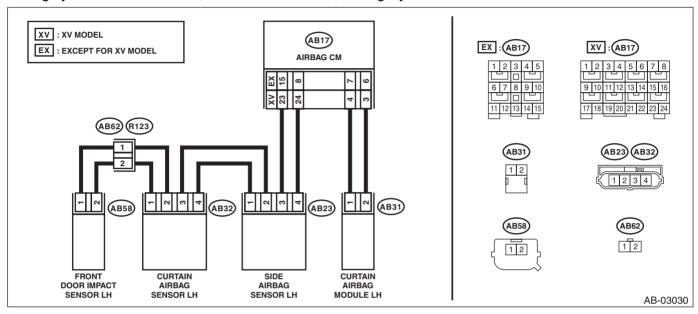
DTC DETECTING CONDITION:

- Curtain airbag harness (LH) circuit is open.
- · Curtain airbag module (LH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module, curtain airbag module LH and the curtain airbag sensor LH.	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
2	CHECK CURTAIN AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB31) from curtain airbag module (LH). 3) Connect the connector (1N) in the test harness N to the connector (AB31). 4) Connect the airbag resistor to the connector (2N) of test harness N. 5) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for 6 seconds and go off?	Replace the curtain airbag module (LH). <ref. ab-74,="" airbag="" curtain="" module.="" to=""></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (CURTAIN AIRBAG MODULE HARNESS LH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB21) from seat belt pretensioner (LH). 3) Disconnect connector (AB19) from side airbag module (LH). 4) Disconnect the airbag resistor from test harness N. 5) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 6) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 7) Measure the resistance between connector (5AG) or (6AG) in the test harness AG and connector (2N) in the test harness N. Connector & terminal XV model (6AG) No. 1 — (2N) No. 2: (6AG) No. 3 — (2N) No. 1: Except for XV model (5AG) No. 2 — (2N) No. 2: (5AG) No. 2 — (2N) No. 2:	Is the resistance less than 10 Ω ?	Go to step 4.	Replace the airbag rear harness along with body harness.
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

DF:DTC B1837 SHORT IN CURTAIN AIRBAG LH SQUIB CIRCUIT (TO GROUND)

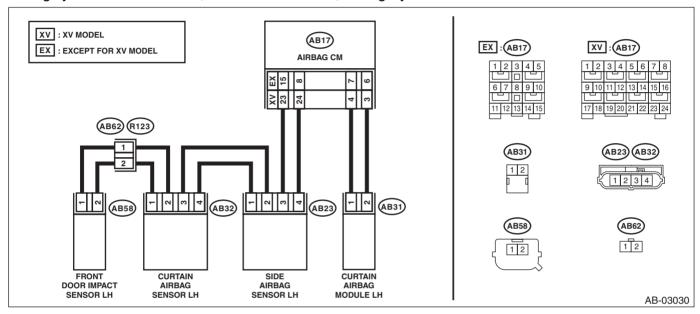
DTC DETECTING CONDITION:

- Curtain airbag harness (LH) circuit is shorted to ground.
- Curtain airbag module (LH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module, curtain airbag module LH and the curtain airbag sensor LH.	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
2	CHECK CURTAIN AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB31), and connect the connector (1N) in test harness N to connector (AB31). 3) Connect the airbag resistor to the connector (2N) of test harness N. 4) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for six seconds and go off?	Replace the curtain airbag module (LH). <ref. ab-74,="" airbag="" curtain="" module.="" to=""></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (CURTAIN AIRBAG MODULE HARNESS LH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB21) from seat belt pretensioner (LH). 3) Disconnect connector (AB19) from side airbag module (LH). 4) Disconnect the airbag resistor from test harness N. 5) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 6) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 7) Measure the resistance between connector (2N) in the test harness N and chassis ground. Connector & terminal (2N) No. 1 — Chassis ground: (2N) No. 2 — Chassis ground:		Go to step 4.	Replace the airbag rear harness along with body harness.
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

DG:DTC B1838 SHORT IN CURTAIN SHIELD AIRBAG LH SQUIB CIRCUIT (TO +B)

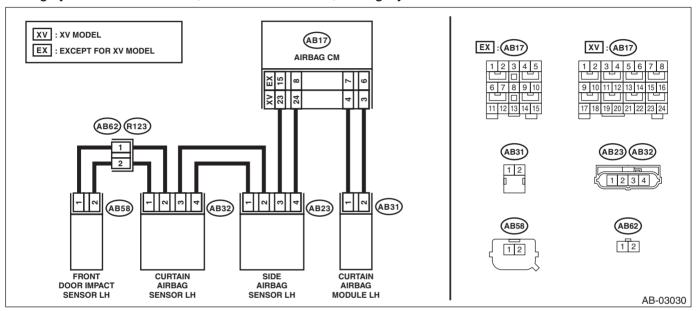
DTC DETECTING CONDITION:

- Curtain airbag harness (LH) is shorted to power supply.
- Curtain airbag module (LH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module, curtain airbag module LH and the curtain airbag sensor LH.	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
2	CHECK CURTAIN AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB31), and connect the connector (1N) in test harness N to connector (AB31). 3) Connect the airbag resistor to the connector (2N) of test harness N. 4) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for six seconds and go off?	Replace the curtain airbag module (LH). <ref. ab-74,="" airbag="" curtain="" module.="" to=""></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (CURTAIN AIRBAG MODULE HARNESS LH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB21) from seat belt pretensioner (LH). 3) Disconnect connector (AB19) from side airbag module (LH). 4) Disconnect the airbag resistor from test harness N. 5) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 6) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 7) Connect the battery ground terminal and turn the ignition switch to ON. 8) Measure the voltage between connector (2N) in the test harness N and chassis ground. Connector & terminal (2N) No. 1 (+) — Chassis ground (-): (2N) No. 2 (+) — Chassis ground (-):	Is the voltage less than 1 V?	Go to step 4.	Replace the airbag rear harness along with body harness.
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Finish the diagnosis.

DH:DTC B1860 SHORT IN DRIVER'S KNEE AIRBAG

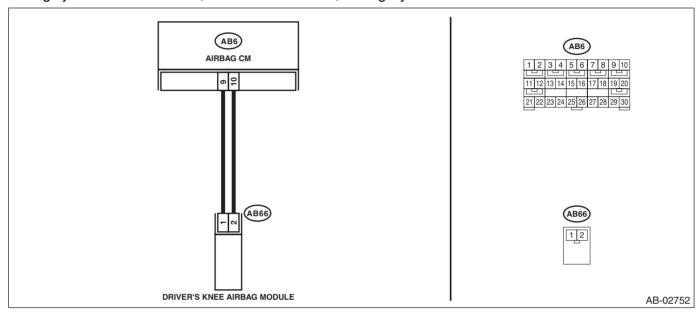
DTC DETECTING CONDITION:

- · Airbag main harness circuit is shorted.
- Knee airbag module harness circuit is shorted.
- Knee airbag module is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the knee airbag module.	Is there poor contact?	Replace the airbag harness.	Go to step 2.
2	CHECK KNEE AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB66) from knee airbag module. 3) Connect the connector (1N) in the test harness N to the connector (AB66). 4) Connect the airbag resistor to the connector (2N) of test harness N. 5) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for six seconds and go off?	Replace the knee airbag module. <ref. ab-44,<br="" to="">REMOVAL, Knee Airbag Module.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG MAIN HARNESS (KNEE AIRBAG HARNESS). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the airbag resistor from test harness N. 3) Remove the instrument panel lower cover and column cover, and disconnect the connector (AB7) from (AB2). 4) Remove the console front panel and disconnect the connector (AB9). 5) Disconnect the connectors (AB6, AB17, AB18) from the airbag control module, and connect the connector (1AG) in the test harness AG to connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 6) Measure the resistance between connector (3AG) terminals in test harness AG. Connector & terminal (3AG) No. 14— (3AG) No. 16:		Go to step 4.	Replace the airbag main harness along with body harness.
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

DI: DTC B1861 OPEN IN DRIVER'S KNEE AIRBAG

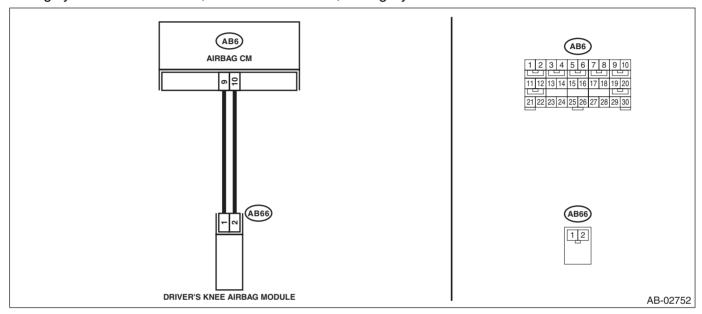
DTC DETECTING CONDITION:

- Airbag main harness circuit is open.
- Knee airbag module harness circuit is open.
- Knee airbag module is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the knee airbag module.	Is there poor contact?	Replace the airbag harness.	Go to step 2.
2	CHECK KNEE AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB66) from knee airbag module. 3) Connect the connector (1N) in the test harness N to the connector (AB66). 4) Connect the airbag resistor to the connector (2N) of test harness N. 5) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for six seconds and go off?	Replace the knee airbag module. <ref. ab-44,<br="" to="">REMOVAL, Knee Airbag Module.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG MAIN HARNESS (KNEE AIRBAG HARNESS). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the airbag resistor from test harness N. 3) Remove the instrument panel lower cover and column cover, and disconnect the connector (AB7) from (AB2). 4) Remove the console front panel and disconnect the connector (AB9). 5) Disconnect the connectors (AB6, AB17, AB18) from the airbag control module, and connect the connector (1AG) in the test harness AG to connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 6) Measure the resistance between connector (3AG) in the test harness AG and connector (2N) in the test harness N. Connector & terminal (3AG) No. 14 — (2N) No. 2: (3AG) No. 16 — (2N) No. 1:		Go to step 4.	Replace the airbag main harness along with body harness.
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Finish the diagnosis.

DJ:DTC B1862 SHORT IN DRIVER'S KNEE AIRBAG (TO GROUND)

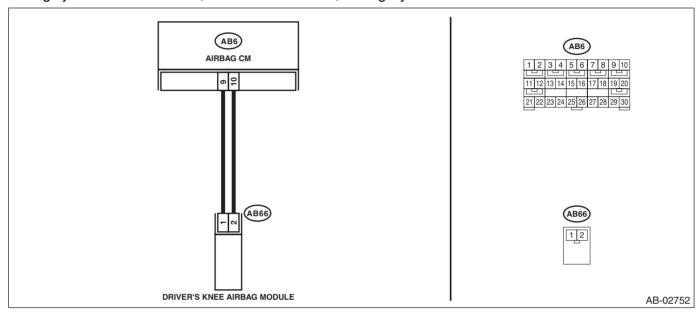
DTC DETECTING CONDITION:

- · Airbag main harness circuit is shorted to ground.
- Knee airbag module harness circuit is shorted to ground.
- Knee airbag module is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the knee airbag module.	Is there poor contact?	Replace the airbag harness.	Go to step 2.
2	CHECK KNEE AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB66) from knee airbag module. 3) Connect the connector (1N) in the test harness N to the connector (AB66). 4) Connect the airbag resistor to the connector (2N) of test harness N. 5) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for six seconds and go off?	Replace the knee airbag module. <ref. ab-44,<br="" to="">REMOVAL, Knee Airbag Module.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG MAIN HARNESS (KNEE AIRBAG HARNESS). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the airbag resistor from test harness N. 3) Remove the instrument panel lower cover and column cover, and disconnect the connector (AB7) from (AB2). 4) Remove the console front panel and disconnect the connector (AB9). 5) Disconnect the connectors (AB6, AB17, AB18) from the airbag control module, and connect the connector (1AG) in the test harness AG to connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 6) Measure the resistance between connector (3AG) in the test harness AG and chassis ground. Connector & terminal (3AG) No. 14 — Chassis ground: (3AG) No. 16 — Chassis ground:		Go to step 4.	Replace the airbag main harness along with body harness.
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Finish the diagnosis.

DK:DTC B1863 SHORT IN DRIVER'S KNEE AIRBAG (TO +B)

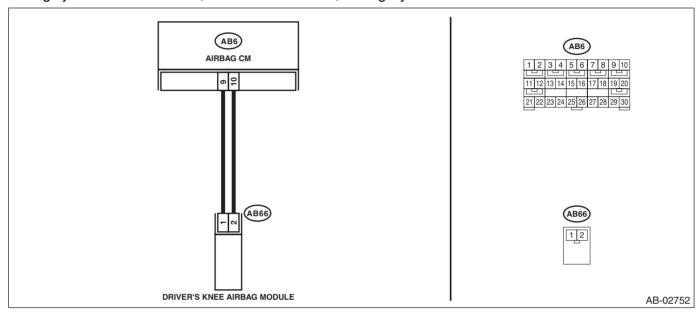
DTC DETECTING CONDITION:

- Airbag main harness circuit is shorted to power supply.
- Knee airbag module harness circuit is shorted to power supply.
- Knee airbag module is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the knee airbag module.	Is there poor contact?	Replace the airbag harness.	Go to step 2.
2	CHECK KNEE AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB66) from knee airbag module. 3) Connect the connector (1N) in the test harness N to the connector (AB66). 4) Connect the airbag resistor to the connector (2N) of test harness N. 5) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for six seconds and go off?	Replace the knee airbag module. <ref. ab-44,<br="" to="">REMOVAL, Knee Airbag Module.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG MAIN HARNESS (KNEE AIRBAG HARNESS). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the airbag resistor from test harness N. 3) Remove the instrument panel lower cover and column cover, and disconnect the connector (AB7) from (AB2). 4) Remove the console front panel and disconnect the connector (AB9). 5) Disconnect the connectors (AB6, AB17, AB18) from the airbag control module, and connect the connector (1AG) in the test harness AG. NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 6) Connect the battery ground terminal and turn the ignition switch to ON. 7) Measure the voltage between connector (3AG) in the test harness AG and chassis ground. Connector & terminal (3AG) No. 14 (+) — Chassis ground (-):	Is the voltage less than 1 V?	Go to step 4.	Replace the airbag main harness along with body harness.
4	(3AG) No. 16 (+) — Chassis ground (-): CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Finish the diagnosis.

DL:DTC B1900 SHORT IN FRONT P/T RH

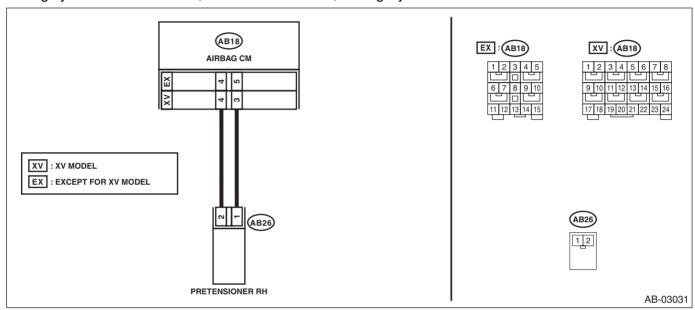
DTC DETECTING CONDITION:

- Seat belt pretensioner (RH) circuit is shorted.
- · Pretensioner (RH) is faulty.
- · Pretensioner harness (RH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the seat belt pretensioner RH.	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
2	CHECK SEAT BELT PRETENSIONER. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB26) from seat belt pretensioner (RH). 3) Connect the connector (1N) in the test harness N to the connector (AB26). 4) Connect the airbag resistor to the connector (2N) of test harness N. 5) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for 6 seconds and go off?	Replace the seat belt pretensioner (RH). <ref. sb-<br="" to="">16, Front Seat Belt.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (PRETENSIONER HARNESS RH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the airbag resistor from test harness N. 3) Disconnect connector (AB24) from side airbag module (RH). 4) Disconnect the connector (AB33) from curtain airbag module (RH). 5) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 6) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 7) Measure the resistance between connector (3AG) terminals in test harness AG. Connector & terminal (3AG) No. 18 — (3AG) No. 20:	Is the resistance 1 $M\Omega$ or more?	Go to step 4.	Replace the airbag rear harness along with body harness.
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

DM:DTC B1901 OPEN IN FRONT P/T RH

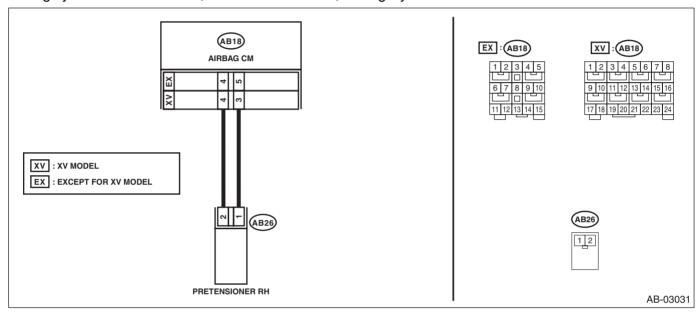
DTC DETECTING CONDITION:

- Seat belt pretensioner (RH) circuit is open.
- Pretensioner (RH) is faulty.
- Pretensioner harness (RH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the seat belt pretensioner RH.	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
2	CHECK SEAT BELT PRETENSIONER. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB26) from seat belt pretensioner (RH). 3) Connect the connector (1N) in the test harness N to the connector (AB26). 4) Connect the airbag resistor to the connector (2N) of test harness N. 5) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for 6 seconds and go off?	Replace the seat belt pretensioner (RH). <ref. sb-<br="" to="">16, Front Seat Belt.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (PRETENSIONER HARNESS RH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the airbag resistor from the connector (2N) of test harness N. 3) Disconnect connector (AB24) from side airbag module (RH). 4) Disconnect the connector (AB33) from curtain airbag module (RH). 5) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 6) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 7) Measure the resistance between connector (3AG) in the test harness AG and connector (2N) in the test harness N. Connector & terminal (3AG) No. 18 — (2N) No. 2: (3AG) No. 20 — (2N) No. 1:		Go to step 4.	Replace the airbag rear harness along with body harness.
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Finish the diagnosis.

DN:DTC B1902 SHORT IN FRONT P/T RH (TO GROUND)

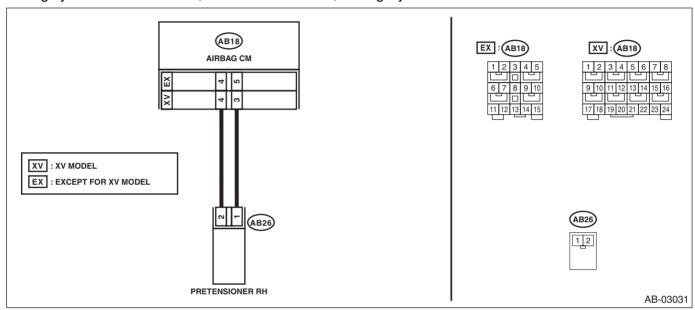
DTC DETECTING CONDITION:

- Seat belt pretensioner (RH) circuit is shorted to ground.
- Pretensioner (RH) is faulty.
- Pretensioner harness (RH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the seat belt pretensioner RH.	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
2	CHECK SEAT BELT PRETENSIONER. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB26) from seat belt pretensioner (RH). 3) Connect the connector (1N) in the test harness N to the connector (AB26). 4) Connect the airbag resistor to the connector (2N) of test harness N. 5) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for six seconds and go off?	Replace the seat belt pretensioner (RH). <ref. sb-<br="" to="">16, Front Seat Belt.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (PRETENSIONER HARNESS RH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the airbag resistor from the connector (2N) of test harness N. 3) Disconnect connector (AB24) from side airbag module (RH). 4) Disconnect the connector (AB33) from curtain airbag module (RH). 5) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 6) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 7) Measure the resistance between connector (3AG) in the test harness AG and chassis ground. Connector & terminal (3AG) No. 18 — Chassis ground: (3AG) No. 20 — Chassis ground:		Go to step 4.	Replace the airbag rear harness along with body harness.
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

DO:DTC B1903 SHORT IN FRONT P/T RH (TO +B)

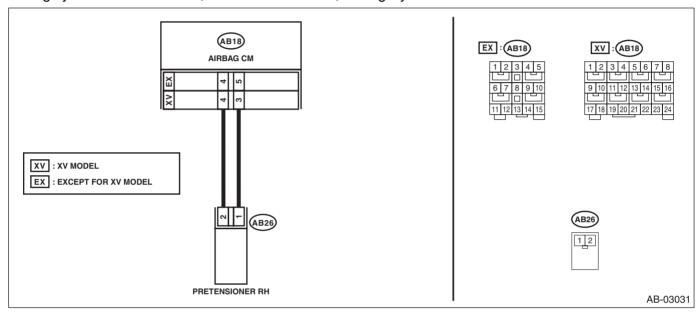
DTC DETECTING CONDITION:

- Seat belt pretensioner (RH) circuit is shorted to power supply.
- Pretensioner (RH) is faulty.
- Pretensioner harness (RH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the seat belt pretensioner RH.	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
2	CHECK SEAT BELT PRETENSIONER. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB26) from seat belt pretensioner (RH). 3) Connect the connector (1N) in the test harness N to the connector (AB26). 4) Connect the airbag resistor to the connector (2N) of test harness N. 5) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for six seconds and go off?	Replace the seat belt pretensioner (RH). <ref. sb-<br="" to="">16, Front Seat Belt.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (PRETENSIONER HARNESS RH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the airbag resistor from the connector (2N) of test harness N. 3) Disconnect connector (AB24) from side airbag module (RH). 4) Disconnect the connector (AB33) from curtain airbag module (RH). 5) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 6) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 7) Connect the battery ground terminal and turn the ignition switch to ON. 8) Measure the voltage between connector (3AG) in the test harness AG and chassis ground. Connector & terminal (3AG) No. 20 (+) — Chassis ground (-): (3AG) No. 18 (+) — Chassis ground (-):		Go to step 4.	Replace the airbag rear harness along with body harness.
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Finish the diagnosis.

DP:DTC B1905 SHORT IN FRONT P/T LH

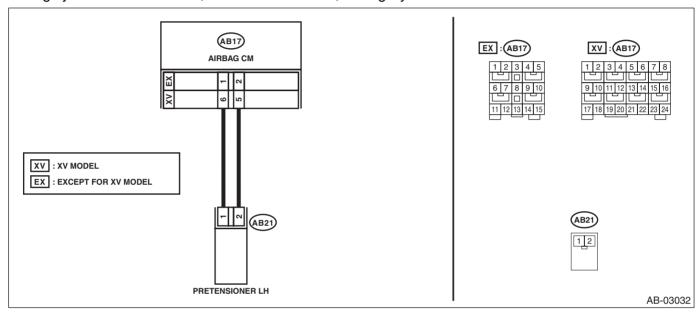
DTC DETECTING CONDITION:

- Seat belt pretensioner (LH) circuit is shorted.
- · Pretensioner (LH) is faulty.
- Pretensioner harness (LH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the seat belt pretensioner LH.	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
2	CHECK SEAT BELT PRETENSIONER. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB21) from seat belt pretensioner (LH). 3) Connect the connector (1N) in the test harness N to the connector (AB21). 4) Connect the airbag resistor to the connector (2N) of test harness N. 5) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for 6 seconds and go off?	Replace the seat belt pretensioner (LH). <ref. sb-<br="" to="">16, Front Seat Belt.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (PRETENSIONER HARNESS LH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the airbag resistor from the connector (2N) of test harness N. 3) Disconnect connector (AB19) from side airbag module (LH). 4) Disconnect the connector (AB31) from curtain airbag module (LH). 5) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 6) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 7) Measure the resistance between connector (3AG) terminals in test harness AG. Connector & terminal (3AG) No. 10 — (3AG) No. 12:	Is the resistance 1 $M\Omega$ or more?	Go to step 4.	Replace the airbag rear harness along with body harness.
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

DQ:DTC B1906 OPEN IN FRONT P/T LH

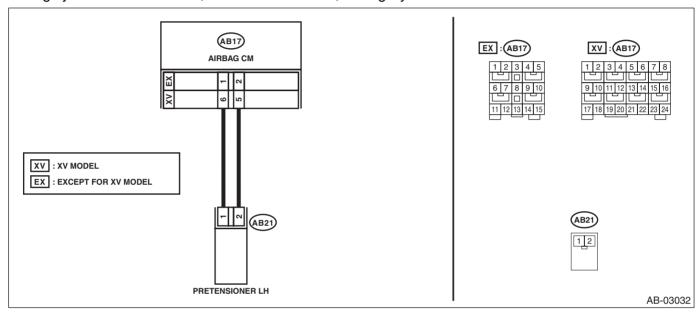
DTC DETECTING CONDITION:

- Seat belt pretensioner (LH) circuit is open.
- · Pretensioner (LH) is faulty.
- Pretensioner harness (LH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the seat belt pretensioner LH.	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
2	CHECK SEAT BELT PRETENSIONER. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB21) from seat belt pretensioner (LH). 3) Connect the connector (1N) in the test harness N to the connector (AB21). 4) Connect the airbag resistor to the connector (2N) of test harness N. 5) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for 6 seconds and go off?	Replace the seat belt pretensioner (LH). <ref. sb-<br="" to="">16, Front Seat Belt.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (PRETENSIONER HARNESS LH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the airbag resistor from the connector (2N) of test harness N. 3) Disconnect connector (AB19) from side airbag module (LH). 4) Disconnect the connector (AB31) from curtain airbag module (LH). 5) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 6) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 7) Measure the resistance between connector (3AG) in the test harness AG and connector (2N) in the test harness N. Connector & terminal (3AG) No. 10 — (2N) No. 1: (3AG) No. 10 — (2N) No. 2:		Go to step 4.	Replace the airbag rear harness along with body harness.
4	 CHECK AIRBAG CONTROL MODULE. Connect all connectors. Clear the memory. Perform the Inspection Mode. Read the DTC. (Current malfunction) 	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Finish the diagnosis.

DR:DTC B1907 SHORT IN FRONT P/T LH (TO GROUND)

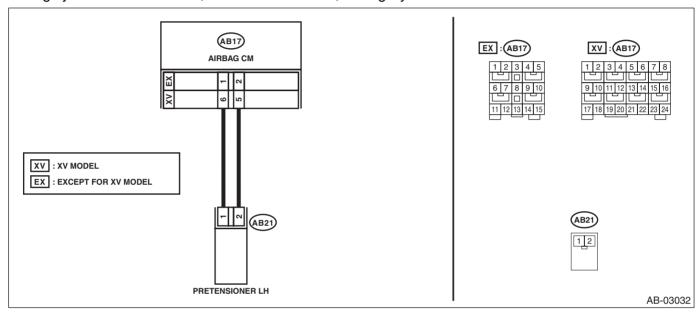
DTC DETECTING CONDITION:

- Seat belt pretensioner (LH) circuit is shorted to ground.
- Pretensioner (LH) is faulty.
- Pretensioner harness (LH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the seat belt pretensioner LH.	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
2	CHECK SEAT BELT PRETENSIONER. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB21) from seat belt pretensioner (LH). 3) Connect the connector (1N) in the test harness N to the connector (AB21). 4) Connect the airbag resistor to the connector (2N) of test harness N. 5) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for six seconds and go off?	Replace the seat belt pretensioner (LH). <ref. sb-<br="" to="">16, Front Seat Belt.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (PRETENSIONER HARNESS LH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the airbag resistor from the connector (2N) of test harness N. 3) Disconnect connector (AB19) from side airbag module (LH). 4) Disconnect the connector (AB31) from curtain airbag module (LH). 5) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 6) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 7) Measure the resistance between connector (3AG) in the test harness AG and chassis ground. Connector & terminal (3AG) No. 10 — Chassis ground: (3AG) No. 12 — Chassis ground:		Go to step 4.	Replace the airbag rear harness along with body harness.
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

DS:DTC B1908 SHORT IN FRONT P/T LH (TO +B)

DTC DETECTING CONDITION:

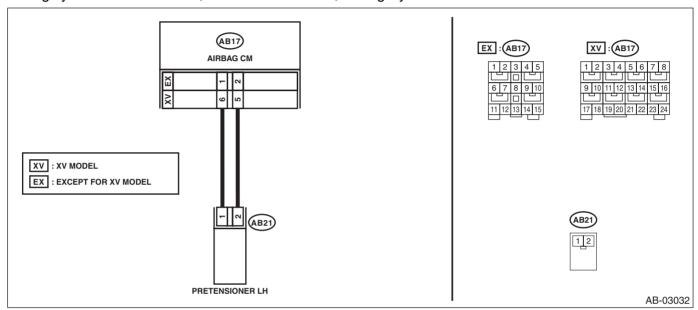
- Seat belt pretensioner (LH) circuit is shorted to power supply.
- · Pretensioner (LH) is faulty.
- Pretensioner harness (LH) is faulty.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:

Airbag system <Ref. to WI-30, WIRING DIAGRAM, Airbag System.>



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the seat belt pretensioner LH.	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
2	CHECK SEAT BELT PRETENSIONER. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB21) from seat belt pretensioner (LH). 3) Connect the connector (1N) in the test harness N to the connector (AB21). 4) Connect the airbag resistor to the connector (2N) of test harness N. 5) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for six seconds and go off?	Replace the seat belt pretensioner (LH). <ref. sb-<br="" to="">16, Front Seat Belt.></ref.>	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (PRETENSIONER HARNESS LH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the airbag resistor from the connector (2N) of test harness N. 3) Disconnect connector (AB19) from side airbag module (LH). 4) Disconnect the connector (AB31) from curtain airbag module (LH). 5) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 6) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). NOTE: Except for XV models, connect test harness AH between the connectors (AB6, AB17, AB18) and (1AG). 7) Connect the battery ground terminal and turn the ignition switch to ON. 8) Measure the voltage between connector (3AG) in the test harness AG and chassis ground. Connector & terminal (3AG) No. 10 (+) — Chassis ground (-): (3AG) No. 12 (+) — Chassis ground (-):		Go to step 4.	Replace the airbag rear harness along with body harness.
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

DT:DTC B19F0 SHORT IN FRONT P/T 2 RH

DTC DETECTING CONDITION:

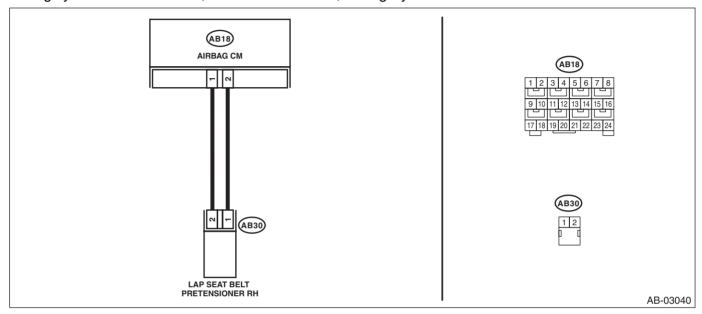
- Lap seat belt pretensioner (RH) circuit is shorted.
- Lap seat belt pretensioner (RH) is faulty.
- Lap seat belt pretensioner harness (RH) is shorted.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:

Airbag system <Ref. to WI-30, WIRING DIAGRAM, Airbag System.>



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the lap seat belt pretensioner (RH).	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
2		Does the airbag warning light illuminate for 6 seconds and go off?	Replace the lap seat belt preten- sioner (RH). <ref. to SB-20, SEAT BELT INNER - FRONT, REMOVAL, Front Seat Belt.></ref. 	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (LAP SEAT BELT PRETENSIONER HARNESS RH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the airbag resistor from test harness N. 3) Disconnect the connector (AB33) from curtain airbag module (RH). 4) Disconnect connector (AB24) from side airbag module (RH). 5) Disconnect the connector (AB26) from seat belt pretensioner. 6) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 7) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). 8) Measure the resistance between connector (3AG) terminals in test harness AG. Connector & terminal (3AG) No. 17 — (3AG) No. 19:		Go to step 4.	Replace the airbag rear harness along with body harness.
4	 CHECK AIRBAG CONTROL MODULE. Connect all connectors. Clear the memory. Perform the Inspection Mode. Read the DTC. (Current malfunction) 	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Finish the diagnosis.

DU:DTC B19F1 OPEN IN FRONT P/T 2 RH

DTC DETECTING CONDITION:

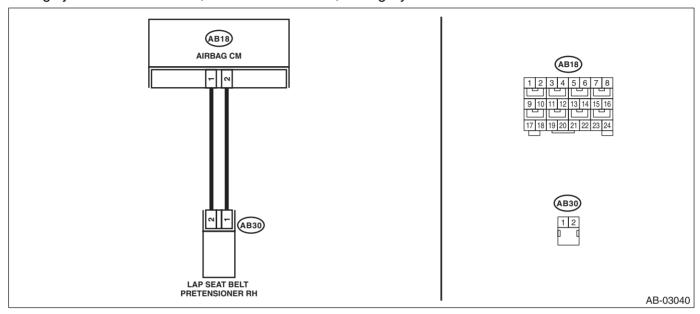
- Lap seat belt pretensioner (RH) circuit is open.
- Lap seat belt pretensioner (RH) is faulty.
- Lap seat belt pretensioner harness (RH) is open.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:

Airbag system <Ref. to WI-30, WIRING DIAGRAM, Airbag System.>



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the lap seat belt pretensioner (RH).	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
2	CHECK LAP SEAT BELT PRETENSIONER. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the connector (AB30) from lap seat belt pretensioner (RH). 3) Connect the connector (1N) in the test harness N to the connector (AB30). 4) Connect the airbag resistor to the connector (2N) of test harness N. 5) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for 6 seconds and go off?	Replace the lap seat belt preten- sioner (RH). <ref. to SB-20, SEAT BELT INNER - FRONT, REMOVAL, Front Seat Belt.></ref. 	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (SIDE AIRBAG HARNESS RH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the airbag resistor from test harness N. 3) Disconnect the connector (AB33) from curtain airbag module (RH). 4) Disconnect connector (AB24) from side airbag module (RH). 5) Disconnect the connector (AB26) from seat belt pretensioner. 6) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 7) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). 8) Measure the resistance between connector (3AG) in the test harness AG and connector (2N) in the test harness N. Connector & terminal (3AG) No. 17 — (2N) No. 2: (3AG) No. 19 — (2N) No. 1:	Is the resistance less than 10 Ω ?	Go to step 4.	Replace the airbag rear harness along with body harness.
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Finish the diagnosis.

DV:DTC B19F2 SHORT IN FRONT P/T 2 RH (TO GROUND)

DTC DETECTING CONDITION:

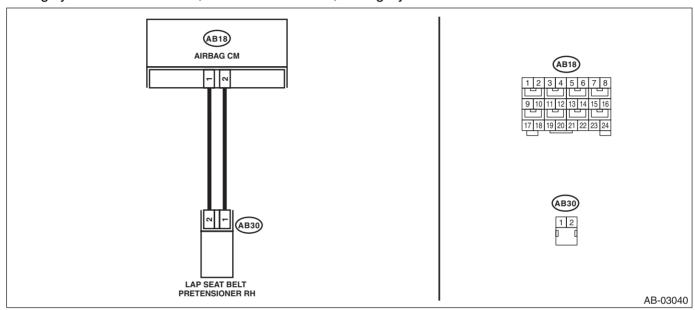
- Lap seat belt pretensioner (RH) circuit is shorted to ground.
- Lap seat belt pretensioner (RH) is faulty.
- Lap seat belt pretensioner harness (RH) is shorted to ground.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:

Airbag system < Ref. to WI-30, WIRING DIAGRAM, Airbag System.>



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the lap seat belt pretensioner (RH).	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
2		Does the airbag warning light illuminate for 6 seconds and go off?	Replace the lap seat belt preten- sioner (RH). <ref. to SB-20, SEAT BELT INNER - FRONT, REMOVAL, Front Seat Belt.></ref. 	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (LAP SEAT BELT PRETENSIONER HARNESS RH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the airbag resistor from test harness N. 3) Disconnect the connector (AB33) from curtain airbag module (RH). 4) Disconnect connector (AB24) from side airbag module (RH). 5) Disconnect the connector (AB26) from seat belt pretensioner. 6) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 7) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). 8) Measure the resistance between connector (3AG) in the test harness AG and chassis ground. Connector & terminal (3AG) No. 17 — Chassis ground: (3AG) No. 19 — Chassis ground:	Is the resistance 1 $M\Omega$ or more?	Go to step 4.	Replace the airbag rear harness along with body harness.
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

DW:DTC B19F3 SHORT IN FRONT P/T 2 RH (TO +B)

DTC DETECTING CONDITION:

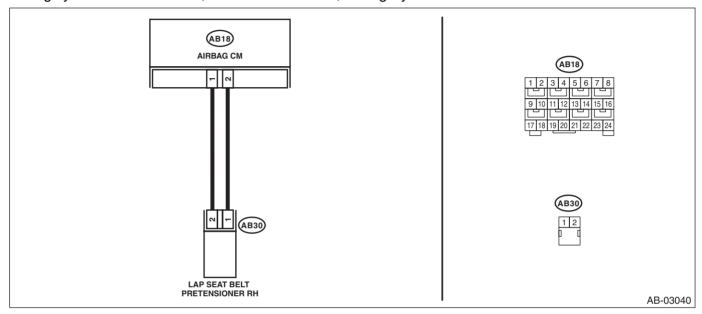
- Lap seat belt pretensioner (RH) circuit is shorted to power supply.
- Lap seat belt pretensioner (RH) is faulty.
- Lap seat belt pretensioner harness (RH) is shorted to power supply.
- · Airbag control module is faulty.

CAUTION:

Before performing diagnosis, refer to "CAUTION" in "General Description". <Ref. to AB(diag)-4, CAUTION, General Description.>

WIRING DIAGRAM:

Airbag system < Ref. to WI-30, WIRING DIAGRAM, Airbag System.>



	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS. Check for poor contact of the connectors between the airbag control module and the lap seat belt pretensioner (RH).	Is there poor contact?	Replace the airbag rear harness along with body harness.	Go to step 2.
2		Does the airbag warning light illuminate for 6 seconds and go off?	Replace the lap seat belt preten- sioner (RH). <ref. to SB-20, SEAT BELT INNER - FRONT, REMOVAL, Front Seat Belt.></ref. 	Go to step 3.

	Step	Check	Yes	No
3	CHECK AIRBAG REAR HARNESS (LAP SEAT BELT PRETENSIONER HARNESS RH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait for 60 seconds or more. 2) Disconnect the airbag resistor from test harness N. 3) Disconnect the connector (AB33) from curtain airbag module (RH). 4) Disconnect connector (AB24) from side airbag module (RH). 5) Disconnect the connector (AB26) from seat belt pretensioner. 6) Disconnect the connectors (AB6, AB17, AB18) from airbag control module. 7) Connect the connector (1AG) in the test harness AG to the connectors (AB6, AB17, AB18). 8) Connect the battery ground terminal and turn the ignition switch to ON. 9) Measure the voltage between connector (3AG) in the test harness AG and chassis ground. Connector & terminal (3AG) No. 17 (+) — Chassis ground (-): (3AG) No. 19 (+) — Chassis ground (-):	Is the voltage less than 1 V?	Go to step 4.	Replace the airbag rear harness along with body harness.
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all connectors. 2) Clear the memory. 3) Perform the Inspection Mode. 4) Read the DTC. (Current malfunction)	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-77,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK FOR ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

OCCUPANT DETECTION SYSTEM (DIAGNOSTICS)

OD(diag)

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