A: DTC 11 DRIVER'S AIRBAG FAILURE

DTC DETECTING CONDITION:

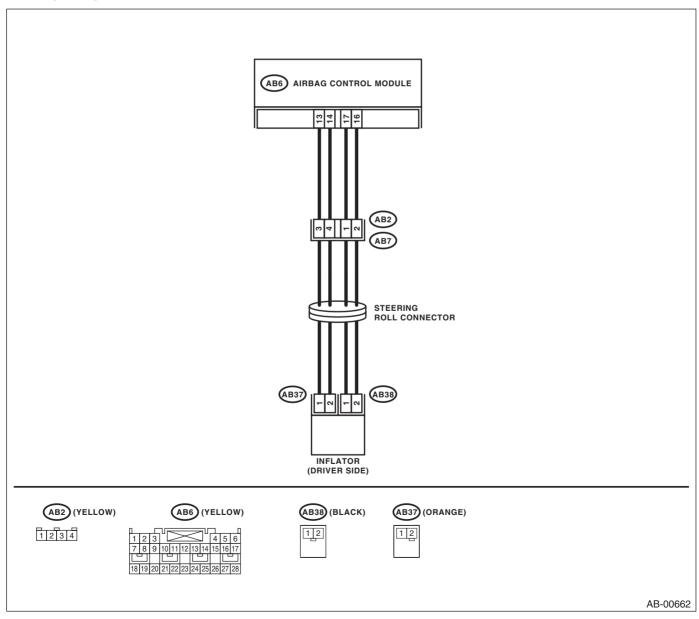
- Airbag main harness circuit is open, shorted or shorted to ground.
- Airbag module harness (driver's side) circuit is open, shorted or shorted to ground.
- Roll connector circuit is open, shorted or shorted to ground.
- Driver's airbag module is faulty.
- Airbag control module is faulty.

CAUTION:

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag main harness, disconnect the airbag module connectors and seat belt pretensioners of the driver's and passenger's seats for safety reasons.

NOTE:

Prior to starting work, prepare two airbag resistors (98299PA040).



	Step	Check	Yes	No
1	CHECK POOR CONTACT IN CONNECTORS.	Is there poor contact?	Replace the airbag	Go to step 2.
	Check for poor contact of the connectors	·	harness.	
	between the airbag control module and the			
	driver's airbag module.			
2	CHECK DRIVER'S AIRBAG MODULE.	Does the airbag warning light	Replace the	Go to step 3.
	1) Turn the ignition switch to OFF, disconnect	illuminate for six seconds and	driver's airbag	,
	the battery ground cable, and wait more than	go off?	module. <ref. td="" to<=""><td></td></ref.>	
	20 seconds.		AB-17, Driver's	
	2) Remove the driver's airbag module.		Airbag Module.>	
	3) Connect the connector (1N) in the test har-			
	ness N to the connector (AB38).			
	4) Connect the airbag resistor to the connec-			
	tor (2N) in the test harness N.			
	5) Connect the connector (1Q) in the test har-			
	ness Q to connector (AB37).			
	6) Connect the airbag resistor to the connec-			
	tor (2Q) in the test harness Q.			
	7) Connect the battery ground terminal and			
	turn the ignition switch to ON.			
3	CHECK ROLL CONNECTOR.	Does the airbag warning light	Replace the roll	Go to step 4.
	1) Turn the ignition switch to OFF, disconnect	illuminate for six seconds and	connector. <ref. td="" to<=""><td></td></ref.>	
	the battery ground cable, and wait more than	go off?	AB-26, Roll Con-	
	20 seconds.		nector.>	
	Disconnect the test harness N from con-			
	nector (AB38).			
	3) Disconnect the test harness Q from con-			
	nector (AB37).			
	4) Remove the instrument panel lower cover			
	and disconnect the connector (AB7) from			
	(AB2).			
	5) Connect the connector (1P) in the test har-			
	ness P to connector (AB2).			
	6) Connect the airbag resistor to the connection (OR) and (OR) in the test because R			
	tors (2P) and (3P) in the test harness P.			
	7) Connect the battery ground terminal and			
	turn the ignition switch to ON.		0-1	Dania - Haraida -
4	CHECK AIRBAG MAIN HARNESS (DRIV-	Is the resistance less than 10	Go to step 5.	Replace the airbag
	ER'S AIRBAG HARNESS).	Ω ?		main harness
	1) Turn the ignition switch to OFF, disconnect			along with body
	the battery ground cable, and wait more than 20 seconds.			harness.
	2) Disconnect the airbag resistor from the			
	connectors (2P) and (3P) in the test harness P.			
	3) Remove the passenger's side instrument			
	panel side cover, and disconnect the connec-			
	tors (AB10) and (AB9).			
	4) Disconnect the connector (AB6) from air-			
	bag control module, and connect the connector			
	(1U) in the test harness U.			
	5) Measure the resistance between connector			
	(2U) in the test harness U and connectors (2P)			
	and (3P) in the test harness P.			
	Connector & terminal			
	(2U) No. 2 — (2P) No. 1:			
	(2U) No. 4 — (2P) No. 2:			
	(2U) No. 8 — (3P) No. 3:			
ĺ	(2U) No. 12 — (3P) No. 4:			

	Step	Check	Yes	No
5	CHECK AIRBAG MAIN HARNESS (DRIVER'S AIRBAG HARNESS). Measure the resistance between connector (2U) terminals in the test harness U. Connector & terminal (2U) No. 2 — (2U) No. 4: (2U) No. 4 — Chassis ground: (2U) No. 2 — Chassis ground: (2U) No. 8 — (2U) No. 12: (2U) No. 8 — Chassis ground: (2U) No. 12 — Chassis ground:	Is the resistance more than 1 M Ω ?	Go to step 6.	Replace the airbag main harness along with body harness.
6	CHECK AIRBAG CONTROL MODULE. 1) Connect all the connectors. 2) Erase the memory. 3) Perform the Inspection Mode. 4) Read the DTC.	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-23,<br="" to="">Airbag Control Module.></ref.>	Go to step 7.
7	CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-43,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

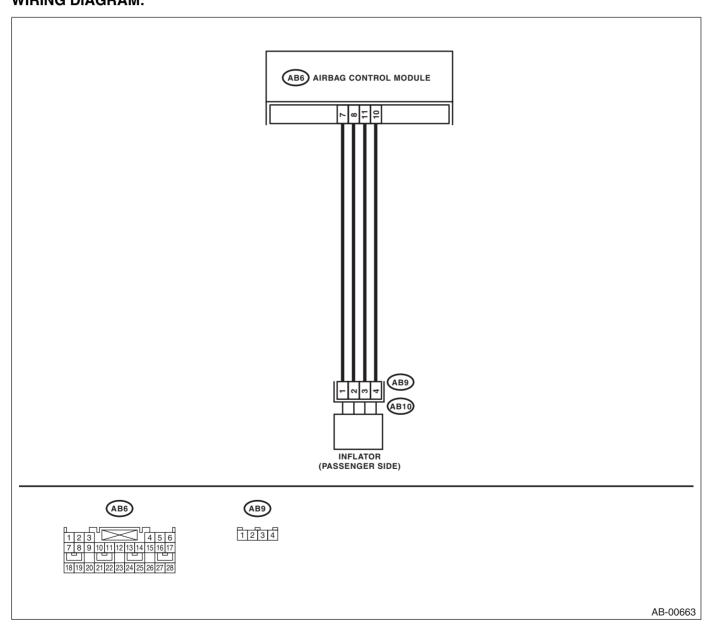
B: DTC 12 PASSENGER'S AIRBAG FAILURE

DTC DETECTING CONDITION:

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

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag main harness, disconnect the airbag module connectors and seat belt pretensioners of the driver's and passenger's seats for safety reasons.

 WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT IN CONNECTORS.		Replace the airbag	
'	Check for poor contact of the connectors	is there poor contact:	harness.	do to step 2.
	between the airbag control module and the		namess.	
	passenger's airbag module.			
2	CHECK PASSENGER'S AIRBAG MODULE.	Does the airbag warning light	Replace the pas-	Go to step 3.
-	Turn the ignition switch to OFF, disconnect	illuminate for six seconds and	senger's airbag	do to stop o .
	the battery ground cable, and wait more than	go off?	module. <ref. th="" to<=""><th></th></ref.>	
	20 seconds.	9	AB-18, Passen-	
	 Remove the instrument panel side cover on 		ger's Airbag Mod-	
	the passenger's side.		ule.>	
	3) Disconnect the connector (AB10) from			
	(AB9).			
	4) Connect the connector (1P) in the test har-			
	ness P to connector (AB9).			
	5) Connect the airbag resistor to the connec-			
	tors (2P) and (3P) in the test harness P.			
	6) Connect the battery ground terminal and			
	turn the ignition switch to ON.			
3	CHECK AIRBAG MAIN HARNESS (PASSEN-		Go to step 4.	Replace the airbag
	GER'S AIRBAG HARNESS).	Ω?		main harness
	1) Turn the ignition switch to OFF, disconnect			along with body
	the battery ground cable, and wait more than			harness.
	20 seconds.			
	2) Disconnect the airbag resistor from the			
	connectors (2P) and (3P) in the test harness P. 3) Remove the instrument panel lower cover			
	and disconnect the connector (AB7) from			
	(AB2).			
	4) Disconnect the connector (AB6) from air-			
	bag control module, and connect the connector			
	(1U) in the test harness U.			
	5) Measure the resistance between connector			
	(2U) in the test harness U and connectors (2P)			
	and (3P) in the test harness P.			
	Connector & terminal			
	(2U) No. 3 — (2P) No. 1:			
	(2U) No. 5 — (2P) No. 2:			
	(2U) No. 9 — (3P) No. 3:			
4	(2U) No. 13 — (3P) No. 4:	lo the registeres were their d	Co to oto - F	Donlood the adult
4	CHECK AIRBAG MAIN HARNESS (PASSEN- GER'S AIRBAG HARNESS).	Is the resistance more than 1 $M\Omega$?	Go to step 5.	Replace the airbag main harness
	Measure the resistance between connectors	14177:		along with body
	(2U) in the test harness U, and between con-			harness.
	nector (2U) and chassis ground.			11000.
	Connector & terminal			
	(2U) No. 3 — (2U) No. 5:			
	(2U) No. 3 — Chassis ground:			
	(2Ú) No. 5 — Chassis ground:			
	(2U) No. 9 — (2U) No. 13:			
	(2U) No. 9 — Chassis ground:			
	(2U) No. 13 — Chassis ground:			
5	CHECK AIRBAG CONTROL MODULE.	Is the same DTC displayed?	Replace the airbag	Go to step 6.
	1) Connect all the connectors.		control module.	
	2) Erase the memory.		<ref. ab-23,<="" th="" to=""><th></th></ref.>	
	3) Perform the Inspection Mode.		Airbag Control	
1	Read the DTC.		Module.>	

	Step	Check	Yes	No
6	CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using	Finish the diagno-
			"List of Diagnostic	sis.
			Trouble Code	
			(DTC)". <ref. th="" to<=""><th></th></ref.>	
			AB(diag)-43, List	
			of Diagnostic Trou-	
			ble Code (DTC).>	

C: DTC 15 DRIVER'S AIRBAG FAILURE

DTC DETECTING CONDITION:

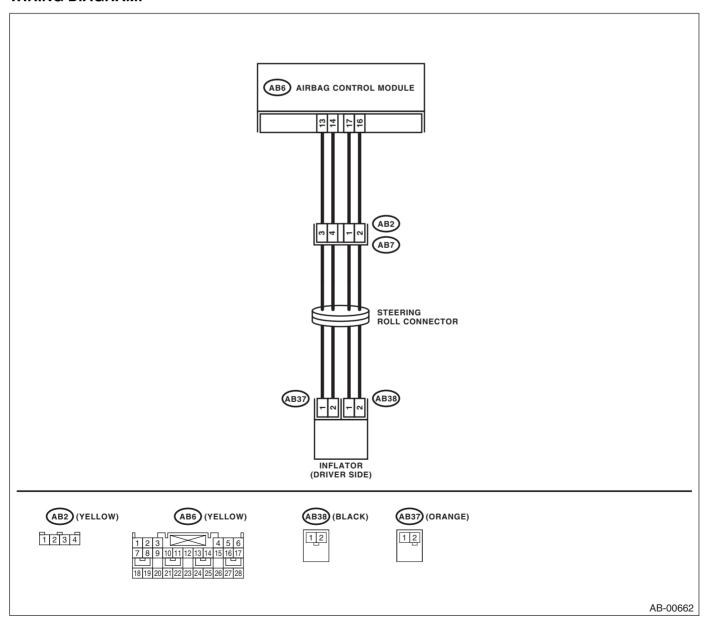
- Airbag main harness circuit (Driver's side) is shorted to power supply.
- Airbag module harness circuit (Driver's side) is shorted to power supply.
- Roll connector is shorted to power supply.
- Driver's airbag module is faulty.
- · Airbag control module is faulty.

CAUTION:

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag main harness, disconnect the airbag module connectors and seat belt pretensioners of the driver's and passenger's seats for safety reasons.

NOTE:

Prior to starting work, prepare two airbag resistors (98299PA040).



	Step	Check	Yes	No
1	CHECK POOR CONTACT IN CONNECTORS.	Is there poor contact?	Replace the airbag	
-	Check for poor contact of the connectors	le trore peer contact.	harness.	GG 10 010P 2 .
	between the airbag control module and the			
	driver's airbag module.			
2	CHECK DRIVER'S AIRBAG MODULE.	Does the airbag warning light	Replace the	Go to step 3.
I ⁻		illuminate for six seconds and	driver's airbag	Go to stop G.
	the battery ground cable, and wait more than	go off?	module. <ref. th="" to<=""><th></th></ref.>	
	20 seconds.	95 5	AB-17, Driver's	
	Remove the driver's airbag module.		Airbag Module.>	
	3) Connect the connector (AB38) to the con-		i mang menanan	
	nector (1N) in the test harness N.			
	Connect the airbag resistor to the connec-			
	tor (2N) in the test harness N.			
	5) Connect the connector (1Q) in the test har-			
	ness Q to connector (AB37).			
	6) Connect the airbag resistor to the connec-			
	tor (2Q) in the test harness Q.			
	7) Connect the battery ground terminal and			
	turn the ignition switch to ON.			
3	CHECK ROLL CONNECTOR.	Does the airbag warning light	Replace the roll	Go to step 4.
	1) Turn the ignition switch to OFF, disconnect	illuminate for six seconds and	connector. <ref. th="" to<=""><th></th></ref.>	
	the battery ground cable, and wait more than	go off?	AB-26, Roll Con-	
	20 seconds.		nector.>	
	2) Disconnect the test harness N from con-			
	nector (AB38).			
	3) Disconnect the test harness Q from con-			
	nector (AB37).			
	4) Remove the instrument panel lower cover			
	and disconnect the connector (AB7) from			
	(AB2).			
	5) Connect the connector (1P) in the test har-			
	ness P to connector (AB2).			
	6) Connect the airbag resistor to the connec-			
	tors (2P) and (3P) in the test harness P.			
	7) Connect the battery ground terminal and			
	turn the ignition switch to ON.			
4	CHECK AIRBAG MAIN HARNESS (DRIV-	Is the voltage less than 1 V?	Go to step 5.	Replace the airbag
	ER'S AIRBAG HARNESS).			main harness
	1) Turn the ignition switch to OFF, disconnect			along with body
	the battery ground cable, and wait more than			harness.
	20 seconds.			
	2) Disconnect the airbag resistor from the			
	connectors (2P) and (3P) in the test harness P.			
	3) Remove the passenger's side instrument			
	panel side cover, and disconnect the connectors (AR10) and (AR0)			
	tors (AB10) and (AB9). 4) Disconnect the connector (AB6) from air-			
	bag control module, and connect the connector			
	(1U) in the test harness U.			
	5) Connect the battery ground terminal and			
	turn the ignition switch to ON. (engine OFF)			
	6) Measure the voltage between connector			
	(2U) in the test harness U and chassis ground.			
	Connector & terminal			
	(2U) No. 4 (+) — Chassis ground (–):			
	(2U) No. 2 (+) — Chassis ground (-):			
	(2U) No. 8 (+) — Chassis ground (-):			
	(2U) No. 12 (+) — Chassis ground (-):			

	Step	Check	Yes	No
5	 CHECK AIRBAG CONTROL MODULE. Connect all the connectors. Erase the memory. Perform the Inspection Mode. Read the DTC. 	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-23,<br="" to="">Airbag Control Module.></ref.>	Go to step 6.
6	CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-43, List of Diagnostic Trou- ble Code (DTC).></ref.>	

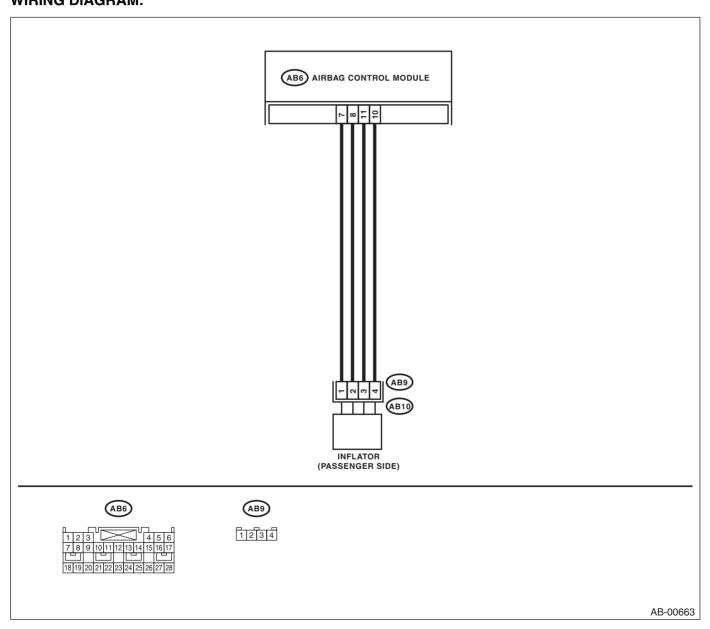
D: DTC 16 PASSENGER'S AIRBAG FAILURE

DTC DETECTING CONDITION:

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

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag main harness, disconnect the airbag module connectors and seat belt pretensioners of the driver's and passenger's seats for safety reasons.

 WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT IN 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 along with chassis harness.	Go to step 2.
2	CHECK PASSENGER'S AIRBAG MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait more than 20 seconds. 2) Remove the instrument panel side cover on the passenger's side. 3) Disconnect the connector (AB10) from (AB9). 4) Connect the connector (1P) in the test harness P to connector (AB9). 5) Connect the airbag resistor to the connectors (2P) and (3P) in the test harness P. 6) 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 pas- senger's airbag module. <ref. to<br="">AB-18, Passen- ger's Airbag Mod- ule.></ref.>	Go to step 3.
3	CHECK AIRBAG MAIN HARNESS (PASSENGER'S AIRBAG HARNESS). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait more than 20 seconds. 2) Disconnect the airbag resistor from the connectors (2P) and (3P) in the test harness P. 3) Remove the instrument panel lower cover and disconnect the connector (AB7) from (AB2). 4) Disconnect the connector (AB6) from airbag control module, and connect the connector (1U) in the test harness U. 5) Measure the voltage between connector (2U) in the test harness U and chassis ground. Connector & terminal (2U) No. 3 (+) — Chassis ground (-): (2U) No. 9 (+) — Chassis ground (-): (2U) No. 13 (+) — Chassis ground (-):		Go to step 4.	Replace the airbag main harness along with body harness.
4	CHECK AIRBAG CONTROL MODULE. 1) Connect all the connectors. 2) Erase the memory. 3) Perform the Inspection Mode. 4) Read the DTC.	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-23,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-43,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

AIRBAG SYSTEM (DIAGNOSTICS)

E: DTC 21 AIRBAG ECM FAILURE

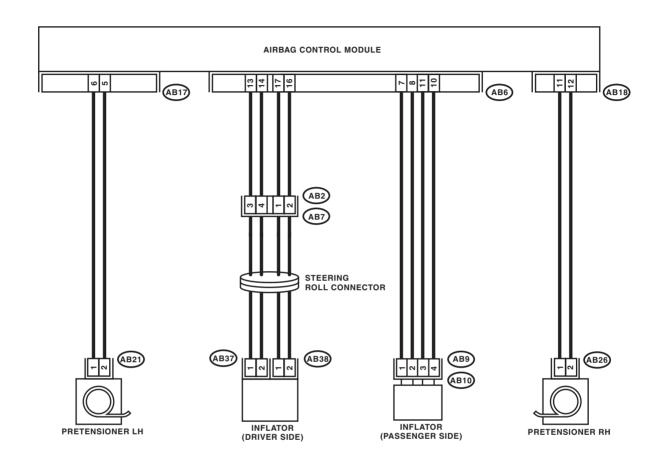
DTC DETECTING CONDITION:

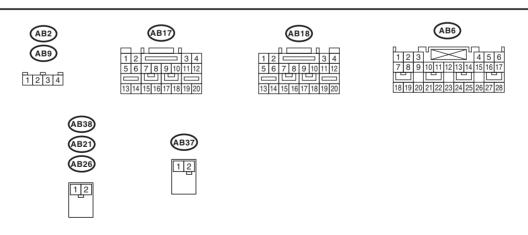
Airbag control module is faulty.

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.

	Step	Check	Yes	No
1	CHECK IF DTC 21 IS INDICATED.	Is DTC 21 indicated for airbag	Replace the airbag	Perform the Clear
	Read the DTC. <ref. ab(diag)-29,="" read<="" th="" to=""><th>warning light?</th><th>control module.</th><th>Memory Mode.</th></ref.>	warning light?	control module.	Memory Mode.
	DIAGNOSTIC TROUBLE CODE (DTC),		<ref. ab-23,<="" th="" to=""><th><ref. ab(diag)-<="" th="" to=""></ref.></th></ref.>	<ref. ab(diag)-<="" th="" to=""></ref.>
	OPERATION, Subaru Select Monitor.>		Airbag Control	30, CLEAR MEM-
			Module.>	ORY MODE,
				OPERATION,
				Subaru Select
				Monitor.>

F: DTC 22 FRONT AIRBAG FIRING OUTPUT WIRING DIAGRAM:





AB-00922

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-23, Airbag Control Module.>

• Driver's airbag module <Ref. to AB-17, Driver's Airbag Module.>

• Passenger's airbag module <Ref. to AB-18, Passenger's Airbag Module.>

• Front sub sensor of both sides <Ref. to AB-27, Front Sub Sensor.>

• Front sub the pretensioner of both sides <Ref. to AB-27, Front Sub Sensor.>

- Front seat belt outer with pretensioner of both sides. <Ref. to SB-10, Front Seat Belt.>
 Steering roll connector <Ref. to AB-26, Roll Connector.>
 Occupant detection system (passenger's seat cushion & frame assembly) <Ref. to SE-9, Front Seat.>

G: DTC 23 CONNECTOR TO AIRBAG ECM

DTC DETECTING CONDITION:

Connection of (AB6), (AB17) and (AB18) to airbag control module is improper.

CAUTION:

Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.

	Step	Check	Yes	No
1	CHECK POOR CONTACT OF CONNECTORS (AB6), (AB17) AND (AB18). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait more than 20 seconds. 2) Disconnect the connectors (AB6), (AB17) and (AB18) from airbag control module.	Is there rust or damage on the harness connector and the control module connector?	Replace the airbag control module. <ref. ab-23,="" airbag="" control="" module.="" to=""> Replace the body harness with the airbag main harness or replace the body harness along with the side airbag harness.</ref.>	Go to step 2.
2	CHECK POOR CONTACT OF CONNECTORS (AB6), (AB17) AND (AB18). 1) Reconnect the connector securely. 2) Connect the battery ground terminal and turn the ignition switch to ON.	Does the airbag warning light illuminate for six seconds and go off?	Go to step 3.	Replace the airbag control module. <ref. ab-23,<br="" to="">Airbag Control Module.></ref.>
3	CHECK AIRBAG CONTROL MODULE. 1) Connect all the connectors. 2) Erase the memory. 3) Perform the Inspection Mode. 4) Read the DTC.	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-23,<br="" to="">Airbag Control Module.></ref.>	Go to step 4.
4	CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-43, List of Diagnostic Trou- ble Code (DTC).></ref.>	Finish the diagnosis.

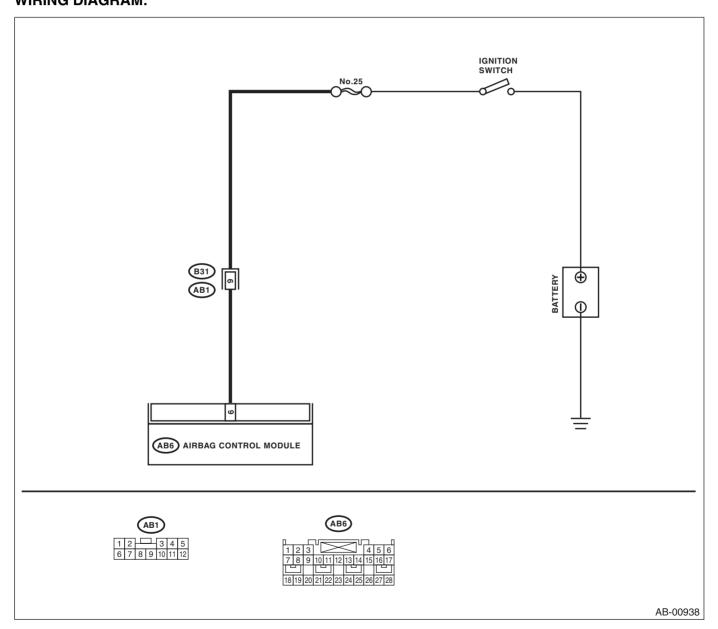
H: DTC 24 IG1 OPEN

DTC DETECTING CONDITION:

- Airbag control module is faulty.
- Airbag main harness circuit is open.
- Fuse No. 25 (in joint box) is blown.
- Body harness circuit is open.

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag main harness, disconnect the airbag module connectors and seat belt pretensioners of the driver's and passenger's seats for safety reasons.

 WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK AIRBAG CONTROL MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait more than 20 seconds. 2) Disconnect the connector (AB6) from airbag control module. 3) Connect the connector (1U) in the test harness U to connector (AB6). 4) Connect the battery ground terminal and turn the ignition switch to ON. 5) Measure the voltage between connector (2U) in the test harness U and chassis ground. Connector & terminal (2U) No. 1 (+) — Chassis ground (-):	Is the voltage more than 10 V?	Replace the airbag control module. <ref. ab-23,<br="" to="">Airbag Control Module.></ref.>	Go to step 2.
2	CHECK FUSE NO. 25 (IN JOINT BOX). 1) Confirm that the ignition switch is turned to OFF. 2) Remove the fuse No. 25 (in joint box) and perform visual inspection.	Is the fuse No. 25 blown out?	Replace the fuse No. 25. If fuse No. 25 is blown out again, repair the body harness. Or replace the airbag main harness along with body harness.	Go to step 3.
3	 CHECK AIRBAG CONTROL MODULE. 1) Connect all the connectors. 2) Erase the memory. 3) Perform the Inspection Mode. 4) Read the DTC. 	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-23,<br="" to="">Airbag Control Module.></ref.>	Go to step 4.
4	CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-43,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

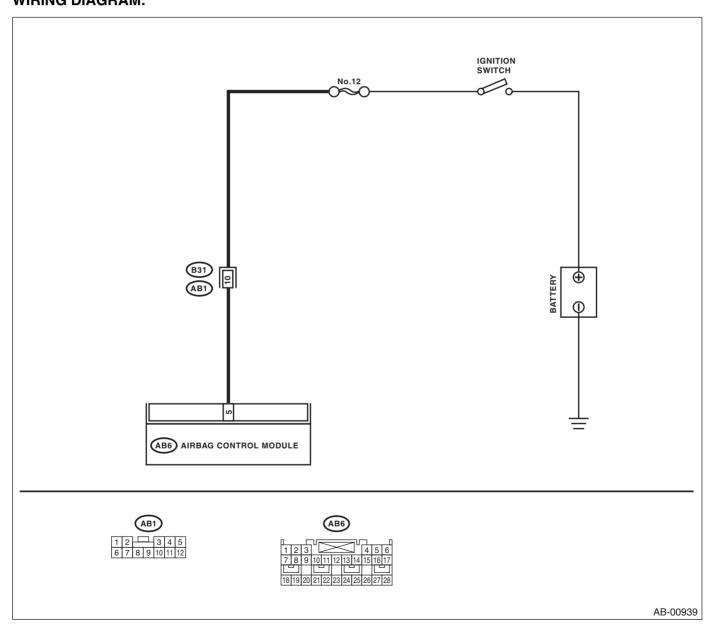
I: DTC 25 IG2 OPEN

DTC DETECTING CONDITION:

- Airbag control module is faulty.
- Airbag main harness circuit is open.
- Fuse No. 12 (in joint box) is blown.
- Body harness circuit is open.

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag main harness, disconnect the airbag module connectors and seat belt pretensioners of the driver's and passenger's seats for safety reasons.

 WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK AIRBAG CONTROL MODULE. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait more than 20 seconds. 2) Disconnect the connector (AB6) from airbag control module. 3) Connect the connector (1U) in the test harness U to connector (AB6). 4) Connect the battery ground terminal and turn the ignition switch to ON. 5) Measure the voltage between connector (2U) in the test harness U and chassis ground. Connector & terminal (2U) No. 6 (+) — Chassis ground (-):	Is the voltage more than 10 V?	Replace the airbag control module. <ref. ab-23,<br="" to="">Airbag Control Module.></ref.>	Go to step 2.
2	CHECK FUSE NO. 12 (IN JOINT BOX). 1) Confirm that the ignition switch is turned to OFF. 2) Remove the fuse No. 12 (in joint box) and perform visual inspection.	Is the fuse No. 12 blown out?	Replace the fuse No. 12. If fuse No. 12 is blown out again, repair the body harness. Or replace the airbag main harness along with body harness.	Go to step 3.
3	 CHECK AIRBAG CONTROL MODULE. 1) Connect all the connectors. 2) Erase the memory. 3) Perform the Inspection Mode. 4) Read the DTC. 	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-23,<br="" to="">Airbag Control Module.></ref.>	Go to step 4.
4	CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-43,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

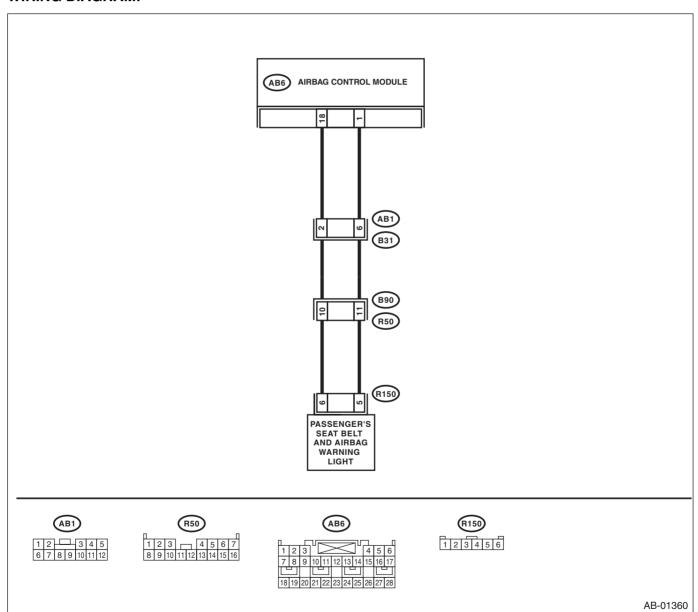
J: DTC 26 PASSENGER'S AIRBAG INDICATOR FAILURE

DTC DETECTING CONDITION:

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

CAUTION:

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag harness, disconnect the airbag module connector and seat belt pretensioner for safety.



	Step	Check	Yes	No
1	CHECK POOR CONTACT. 1) Turn the ignition switch to OFF, disconnect	Is there poor contact in any connector?	Replace the airbag harness connec-	Go to step 2.
	the battery ground cable, and wait more than	Connectors	tor.	
	20 seconds.		101.	
	2) Confirm that firm contact is secured for the			
	connector between the airbag control module			
	and map light.			
2	CHECK AIRBAG MAIN HARNESS.	Is the passenger's airbag indi-	Go to step 3.	Go to step 4.
	Disconnect the connector (AB6) from air-	cator turned on?	See 11 212	Sid 10 010
	bag control module.			
	2) Connect the battery ground terminal and			
	turn the ignition switch to ON.			
	NOTE:			
	Neither of ON/OFF illuminates when it is nor-			
	mal.			
3	CHECK AIRBAG MAIN HARNESS.	Is the resistance more than 1	Replace the map	Repair the bulk-
	1) Turn the ignition switch to OFF.	ΜΩ?	light. <ref. idi-<="" td="" to=""><td>head harness. Or</td></ref.>	head harness. Or
	2) Remove the map light and disconnect the		20, Clock.>	replace the airbag
	connector (R150).			main harness
	3) Connect the connector (1U) in the test har-			along with body
	ness U to connector (AB6).			harness.
	4) Measure the resistance between connec-			
	tors (2U) and (4U) in the test harness U and			
	chassis ground.			
	Connector & terminal			
	(2U) No. 14 — (4U) No. 17:			
	(2U) No. 14 — Chassis ground:			
	(4U) No. 17 — Chassis ground:			
4	CHECK AIRBAG HARNESS.	Is the passenger's airbag indi-	Replace the airbag	Go to step 5.
	1) Connect the connectors (7U) and (8U) in	cator turned on?	control module.	
	the test harness U.		<ref. ab-23,<="" td="" to=""><td></td></ref.>	
	2) Connect the battery ground terminal and		Airbag Control	
_	turn the ignition switch to ON.	1- 46	Module.>	Danain tha hadla
5	CHECK AIRBAG HARNESS.	Is the resistance less than 10	Go to step 6.	Repair the bulk-
	1) Turn the ignition switch to OFF.	Ω?		head harness. Or
	2) Connect the connector (1U) in the test har-			replace the airbag main harness
	ness U to connector (AB6).			
	 Measure the resistance between connectors (2U) and (4U) in the test harness U and 			along with body
	the connector (R150).			harness.
	Connector & terminal			
	(2U) No. 14 — (R150) No. 5:			
	(4U) No. 17 — (R150) No. 6:			
6	CHECK BODY HARNESS.	Is the voltage more than 10 V?	Replace the map	Repair the map
ľ	Turn the ignition switch to ON.	is the voltage more than 10 v?	light. <ref. idi-<="" td="" to=""><td>light power supply</td></ref.>	light power supply
	Measure the voltage between connector		20, Clock.>	line.
	(R150) and chassis ground.		20, 0100K.	
	Connector & terminal			
	(R150) No. 1 — Chassis ground:			
	(m 190) No. 1 — Uliassis givuliu.		1	1

K: DTC 27 ODS COMMUNICATION ERROR

DTC DETECTING CONDITION:

- Communication to the occupant detection control module is faulty.
- Airbag rear harness circuit is open, shorted, shorted to ground or shorted to power supply.
- Occupant detection harness (seat harness) is faulty.
- Occupant detection system is faulty.
- · Airbag control module is faulty.

	Step	Check	Yes	No
1	CHECK POOR CONTACT IN CONNECTORS. Check for poor contact of the connectors between the airbag control module and the occupant detection control module.	Is there poor contact?	Reconnect the connector. If defective is not improved, replace the airbag rear harness RH or the occupant detection harness (seat harness).	Go to step 2.
2	CHECK AIRBAG HARNESS. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait more than 20 seconds. 2) Disconnect the connector (AB18) from airbag control module. 3) Disconnect the connectors (AB59) and (AB61) under the passenger's seat. 4) Connect the connector (1U) in the test harness U to connector (AB18). 5) Connect the connector (1AB) in the test harness AB to the connector (AB61). 6) Measure the resistance between connector (3U) in the test harness U and connector (2AB) in the test harness AB. Connector & terminal (3U) No. 2 — (2AB) No. 1: (3U) No. 4 — (2AB) No. 2:	Is the resistance less than 10 Ω ?	Go to step 3.	Replace the airbag rear harness RH along with body harness.
3	CHECK AIRBAG HARNESS. Measure the resistance between connector (3U) in the test harness U and chassis ground. Connector & terminal (3U) No. 2 — Chassis ground: (3U) No. 2 — (3U) No.4:	Is the resistance less than 10 Ω ?	Go to step 4.	Replace the airbag rear harness RH along with the body harness.
4	CHECK AIRBAG HARNESS. 1) Turn the ignition switch to ON. 2) Measure the voltage between connector (2AB) in the test harness AB and chassis ground. Connector & terminal (2AB) No. 3 — chassis ground:	Is the voltage more than 9 V?	Go to step 5.	Check the battery voltage and fuse. If there is no faulty, replace the airbag rear harness RH along with body harness.

AIRBAG SYSTEM (DIAGNOSTICS)

Step	Check	Yes	No
5 CHECK AIRBAG HARNESS. Measure the voltage between connector (2AB) in the test harness AB and chassis ground. Connector & terminal (2AB) No. 1 — chassis ground:	Is the voltage more than 9 V?	along with body harness.	Replace the occupant detection harness (seat harness). If defective is not improved, replace the occupant detection system (seat cushion & frame assembly), and then the airbag control module in this order.

L: DTC 29 ODS FAILURE

NOTE:

Refer to "Occupant Detection System" for DTC 29. <Ref. to OD(diag)-28, DTC 29 ODS FAILURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

M: DTC 2A ODS CALIBRATION ERROR

NOTE:

Refer to "Occupant Detection System" for DTC 2A. <Ref. to OD(diag)-25, DTC 2A ODS CALIBRATION ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

N: DTC 2B ODS SYSTEM WRONG PARTS

NOTE:

Refer to "Occupant Detection System" for DTC 2B. <Ref. to OD(diag)-25, DTC 2B ODS SYSTEM WRONG PARTS, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

O: DTC 2C BELT TENSION SENSOR FAILURE

NOTE:

Refer to "Occupant Detection System" for DTC 2C. <Ref. to OD(diag)-26, DTC 2C BELT TENSION SENSOR FAILURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

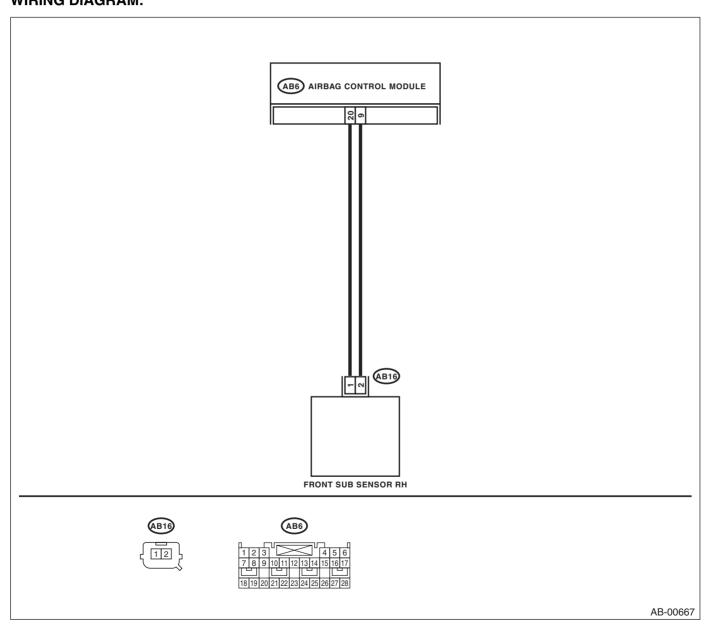
P: DTC 31 FRONT SUB SENSOR RH FAILURE

DTC DETECTING CONDITION:

- Front sub sensor harness (RH) circuit is shorted.
- Front sub sensor harness (RH) circuit is open.
- Front sub sensor (RH) is faulty.
- Airbag control module is faulty.

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag main harness, disconnect the airbag module connectors and seat belt pretensioners of the driver's and passenger's seats for safety reasons.

 WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT IN CONNECTORS.		Repair the con-	Go to step 2.
	Check for poor contact of the connectors	·	nector.	·
	between the airbag control module and the			
	front sub sensor RH.			
2	CHECK AIRBAG MAIN HARNESS (FRONT	Is the resistance less than 10	Go to step 3.	Replace the airbag
	SUB SENSOR HARNESS RH).	Ω?		main harness
	 Turn the ignition switch to OFF, disconnect the battery ground cable, and wait more than 			along with body harness.
	20 seconds.			namess.
	Remove the instrument panel lower cover			
	and disconnect the connectors (AB7) and			
	(AB2).			
	3) Remove the passenger's side instrument			
	panel side cover, and disconnect the connec-			
	tors (AB10) and (AB9).			
	 Disconnect the connector (AB6) from air- bag control module. 			
	5) Connect the connector (1U) in the test har-			
	ness U to connector (AB6).			
	6) Disconnect the front sub sensor (RH), and			
	then connect the connector (1H) in the test			
	harness H to connector (AB16).			
	7) Measure the resistance between connector			
	(3U) in the test harness U and connector (3H)			
	in the test harness H.			
	Connector & terminal (3U) No. 7 — (3H) No. 5:			
	(3U) No. 9 — (3H) No. 6:			
3	CHECK AIRBAG MAIN HARNESS (FRONT	Is the resistance more than 1	Replace the front	Go to step 4.
	SUB SENSOR HARNESS RH).	ΜΩ?	sub sensor (RH).	
	Measure the resistance between connector		<ref. ab-27,<="" th="" to=""><th></th></ref.>	
	(3U) in the test harness U and chassis ground.		Front Sub Sen-	
	Connector & terminal		sor.> Replace the	
	(3U) No. 7 — Chassis ground:		airbag control	
	(3U) No. 9 — Chassis ground:		module if not operating normally	
			even after replac-	
			ing the sensor.	
			<ref. ab-23,<="" th="" to=""><th></th></ref.>	
			Airbag Control	
			Module.>	
4	CHECK AIRBAG CONTROL MODULE.	Is the same DTC displayed?	Replace the airbag	Go to step 5.
	Connect all the connectors.		control module.	
	Erase the memory. Porform the Inspection Mode.		<ref. ab-23,<="" th="" to=""><th></th></ref.>	
	3) Perform the Inspection Mode.4) Read the DTC.		Airbag Control Module.>	
5	CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using	Finish the diagno-
	C.L.C.C. SINENSIO ON DIOI ENT.	is any other bits displayed:	"List of Diagnostic	sis.
			Trouble Code	
			(DTC)". <ref. th="" to<=""><th></th></ref.>	
			AB(diag)-43, List	
			of Diagnostic Trou-	
			ble Code (DTC).>	

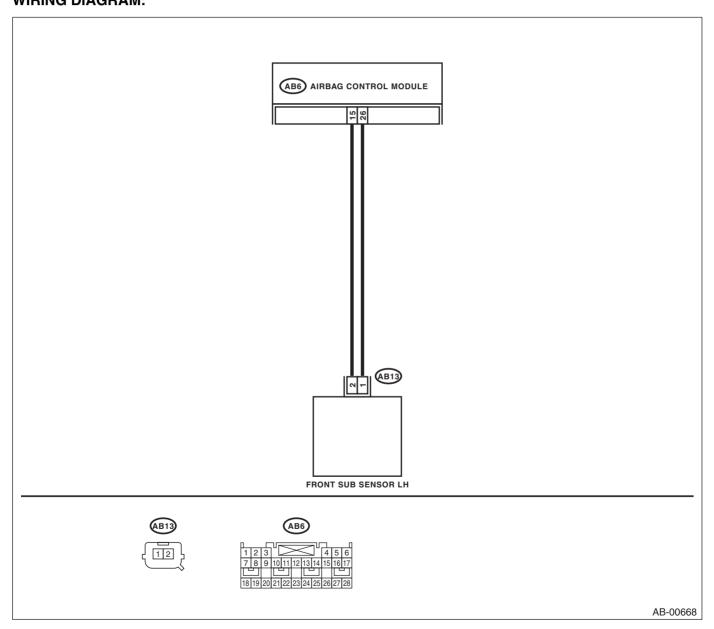
Q: DTC 32 FRONT SUB SENSOR LH FAILURE

DTC DETECTING CONDITION:

- Front sub sensor harness (LH) circuit is shorted.
- Front sub sensor harness (LH) circuit is open.
- Front sub sensor (LH) is faulty.
- Airbag control module is faulty.

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag main harness, disconnect the airbag module connectors and seat belt pretensioners of the driver's and passenger's seats for safety reasons.

 WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT IN CONNECTORS.	Is there poor contact?	Replace the airbag	Go to step 2.
	Check for poor contact of the connectors		main harness	-
	between the airbag control module and the		along with body	
	front sub sensor LH.		harness.	
2	CHECK AIRBAG MAIN HARNESS (FRONT	Is the resistance less than 10	Go to step 3.	Replace the airbag
	SUB SENSOR HARNESS LH).	Ω?		main harness
	 Turn the ignition switch to OFF, disconnect the battery ground cable, and wait more than 			along with body
	20 seconds.			harness.
	Remove the instrument panel lower cover			
	and disconnect the connectors (AB7) and			
	(AB2).			
	3) Remove the passenger's side instrument			
	panel side cover, and disconnect the connec-			
	tors (AB10) and (AB9).			
	4) Disconnect the connector (AB6) from air-			
	bag control module. 5) Connect the connector (1U) in the test har-			
	ness U to connector (AB6).			
	6) Disconnect the front sub sensor (LH), and			
	then connect the connector (1H) in the test			
	harness H to connector (AB13).			
	7) Measure the resistance between connector			
	(3U) in the test harness U and connector (3H)			
	in the test harness H.			
	Connector & terminal			
	(3U) No. 6 — (3H) No. 5: (3U) No. 8 — (3H) No. 6:			
3	CHECK AIRBAG MAIN HARNESS (FRONT	Is the resistance more than 1	Replace the front	Go to step 4.
	SUB SENSOR HARNESS LH).	$M\Omega$?	sub sensor (LH).	Go to stop 1.
	Measure the resistance between connector		<ref. ab-27,<="" th="" to=""><th></th></ref.>	
	(3U) in the test harness U and chassis ground.		Front Sub Sen-	
	Connector & terminal		sor.> Replace the	
	(3U) No. 6 — Chassis ground:		airbag control	
	(3U) No. 8 — Chassis ground:		module if not oper-	
			ating normally even after replac-	
			ing the sensor.	
			<ref. ab-23,<="" th="" to=""><th></th></ref.>	
			Airbag Control	
			Module.>	
4	CHECK AIRBAG CONTROL MODULE.	Is the same DTC displayed?	Replace the airbag	Go to step 5.
	Connect all the connectors.		control module.	
	2) Erase the memory.		<ref. ab-23,<="" th="" to=""><th></th></ref.>	
	Perform the Inspection Mode. Pend the DTC.		Airbag Control	
5	4) Read the DTC. CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Module.> Check DTC using	Finish the diagno-
3	OHEOR ANT OTHER DIC ON DISPLAT.	is any other DTO displayed?	"List of Diagnostic	sis.
			Trouble Code	
			(DTC)". <ref. th="" to<=""><th></th></ref.>	
			AB(diag)-43, List	
			of Diagnostic Trou-	
			ble Code (DTC).>	

AIRBAG SYSTEM (DIAGNOSTICS)

R: DTC 33 FRONT SUB SENSOR RH FAILURE

DTC DETECTING CONDITION:

Front sub sensor (RH) is faulty.

If DTC 33 is displayed, the circuit within the front sub sensor (RH) is faulty. Replace the front sub sensor (RH). <Ref. to AB-27, Front Sub Sensor.>

S: DTC 34 FRONT SUB SENSOR LH FAILURE

DTC DETECTING CONDITION:

Front sub sensor (LH) is faulty.

If DTC 34 is displayed, the circuit within the front sub sensor (LH) is faulty. Replace the front sub sensor (LH). <Ref. to AB-27, Front Sub Sensor.>

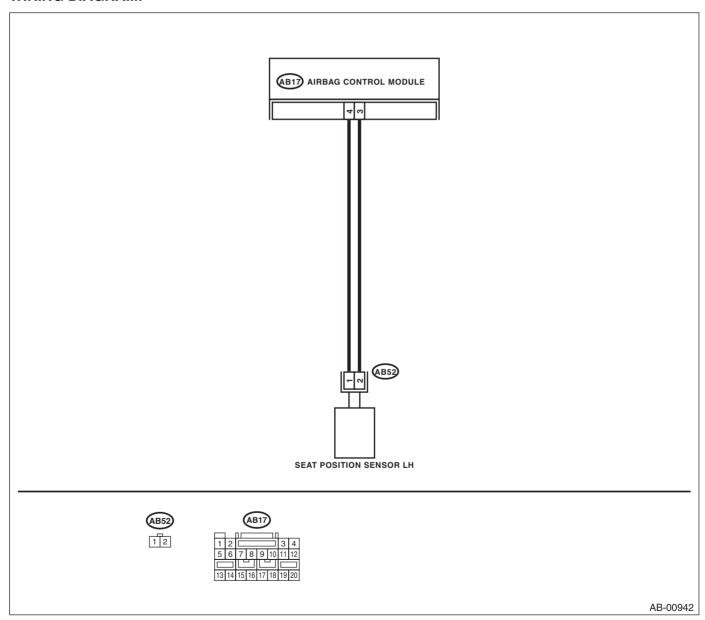
T: DTC 36 SEAT POSITION SENSOR LH FAILURE

DTC DETECTING CONDITION:

- Driver's seat position sensor is faulty.
- Airbag control module is faulty.
- Airbag rear harness circuit is open, shorted or shorted to ground.

CAUTION:

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag harness, disconnect the airbag module connector and seat belt pretensioner for safety.



	Step	Check	Yes	No
1	CHECK SEAT POSITION SENSOR (LH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait more than 20 seconds. 2) Disconnect the connector (AB52) from the seat position sensor (LH). 3) Connect the connector (2Y) in the test harness Y to connector (AB52). 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 seat position sensor (LH) along with the driver's seat slide rail assembly. <ref. se-9,<br="" to="">Front Seat.></ref.>	Go to step 2.
2	CHECK AIRBAG REAR HARNESS (SEAT POSITION SENSOR HARNESS (LH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait more than 20 seconds. 2) Disconnect the connector (AB23) from side airbag module (LH). 3) Disconnect the connector (AB31) from curtain airbag module (LH). 4) Disconnect the connector (AB21) from seat belt pretensioner (LH). 5) Disconnect the connector (AB17) from airbag control module. 6) Connect the connector (1U) in the test harness U to connector (AB17). 7) Disconnect the seat position sensor (LH), and then connect the connector (1H) in the test harness H to connector (AB52). 8) Measure the resistance between connector (3U) in the test harness U and connector (3H) in the test harness H. Connector & terminal (3U) No. 1 — (3H) No. 6: (3U) No. 3 — (3H) No. 5:	Is the resistance less than 10 Ω ?	Go to step 3.	Replace the airbag rear harness along with body harness.
3	CHECK AIRBAG REAR HARNESS. Measure the resistance between connector (3U) in the test harness U and chassis ground. Connector & terminal (3U) No. 1 — Chassis ground:	Is the resistance less than 10 Ω ?	Replace the airbag rear harness along with body harness.	Replace the airbag control module.

U: DTC 37 BUCKLE SWITCH RH FAILURE

NOTE:

Refer to "Occupant Detection System" for DTC 37. <Ref. to OD(diag)-29, DTC 37 BUCKLE SWITCH RH FAILURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

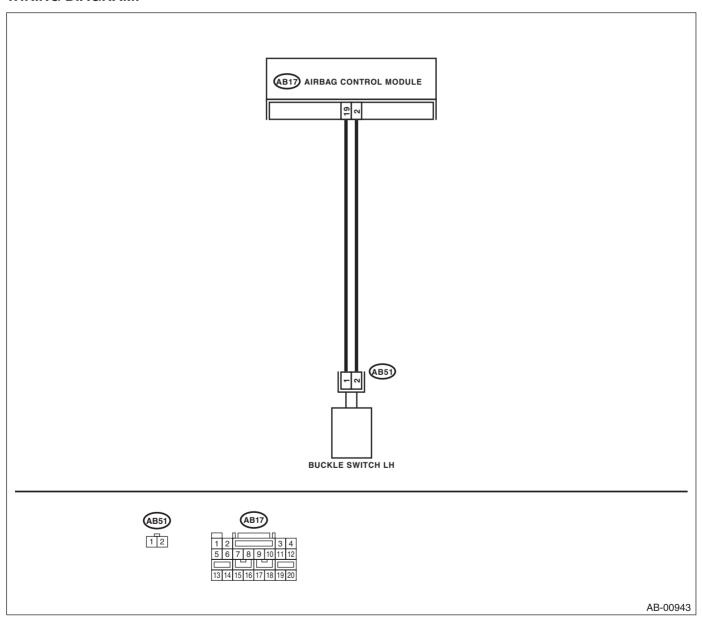
V: DTC 38 BUCKLE SWITCH LH FAILURE

DTC DETECTING CONDITION:

- Driver's buckle switch circuit is open, shorted or shorted to ground.
- Airbag rear harness circuit is open, shorted or shorted to ground.
- Airbag control module is faulty.

CAUTION:

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag harness, disconnect the airbag module connector and seat belt pretensioner for safety.



	Step	Check	Yes	No
1		Does the airbag warning light illuminate for six seconds and go off?	Replace the seat belt buckle switch (LH). <ref. sb-<br="" to="">10, Front Seat Belt.></ref.>	Go to step 2.
2	CHECK AIRBAG REAR HARNESS (BUCKLE SWITCH HARNESS (LH)). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait more than 20 seconds. 2) Disconnect the connector (AB23) from side airbag module (LH). 3) Disconnect the connector (AB31) from curtain airbag module (LH). 4) Disconnect the connector (AB21) from seat belt pretensioner (LH). 5) Disconnect the connector (AB17) from airbag control module. 6) Connect the connector (1U) in the test harness U to connector (AB17). 7) Disconnect the seat belt buckle switch (LH), and then connect the connector (1D) in the test harness D to connector (AB51). 8) Measure the resistance between connectors (4U) and (5U) in the test harness D. Connector & terminal (4U) No. 11 — (3D) No. 3: (4U) No. 9 — (3D) No. 4:	Is the resistance less than 10 Ω ?	Go to step 3.	Replace the airbag rear harness along with body harness.
3	CHECK AIRBAG REAR HARNESS.	Is the resistance less than 10 Ω ?	Replace the airbag rear harness along with body harness.	Replace the airbag control module.

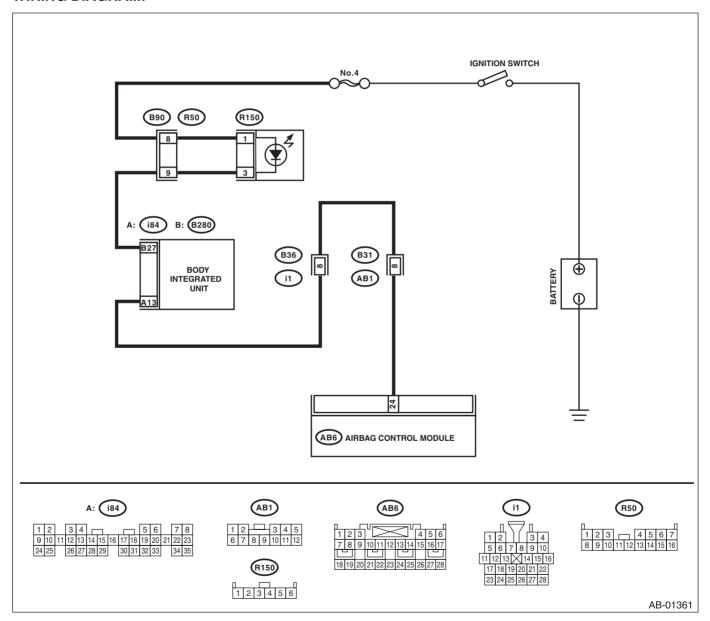
W: DTC 39 SEAT BELT WARNING FAILURE

DTC DETECTING CONDITION:

- Airbag control module is faulty.
- Body integrated unit is faulty.
- Harness circuits between body integrated unit and airbag control module are open, shorted or shorted to ground.

CAUTION:

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag harness, disconnect the airbag module connector and seat belt pretensioner for safety.



	Step	Check	Yes	No
1	CHECK AIRBAG HARNESS. 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait more than 20 seconds. 2) Disconnect the connector (AB6) from airbag control module. 3) Connect the battery ground terminal and turn the ignition switch to ON.	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 (1U) in the test harness U to connector (AB6). 3) Measure the resistance between connector (4U) in the test harness U and chassis ground. Connector & terminal (4U) No. 16 — Chassis ground:	Is the resistance more than 1 $\mbox{M}\Omega ?$	Replace the body integrated unit.	Repair the bulk- head harness. Or replace the airbag main harness along with body harness.
3	CHECK AIRBAG HARNESS. 1) With the condition of step 2, connect the connectors (7U) and (8U) in the test harness U. 2) Turn the ignition switch to ON.	Does the passenger's seat belt warning light blink for 6 sec- onds, then repeatedly light and go off?	Replace the airbag control module. <ref. ab-23,<br="" to="">Airbag Control Module.></ref.>	Go to step 4.
4	CHECK AIRBAG HARNESS. 1) With the condition of step 3, disconnect the connectors (7U) and (8U) in the test harness U. 2) Measure the resistance between connector (4U) in the test harness U and the connector (i84). Connector & terminal (4U) No. 16 — (i84) No. 13:	Is the resistance less than 10 Ω ?	Replace the body integrated unit.	Repair the bulk- head harness. Or replace the airbag main harness along with body harness.

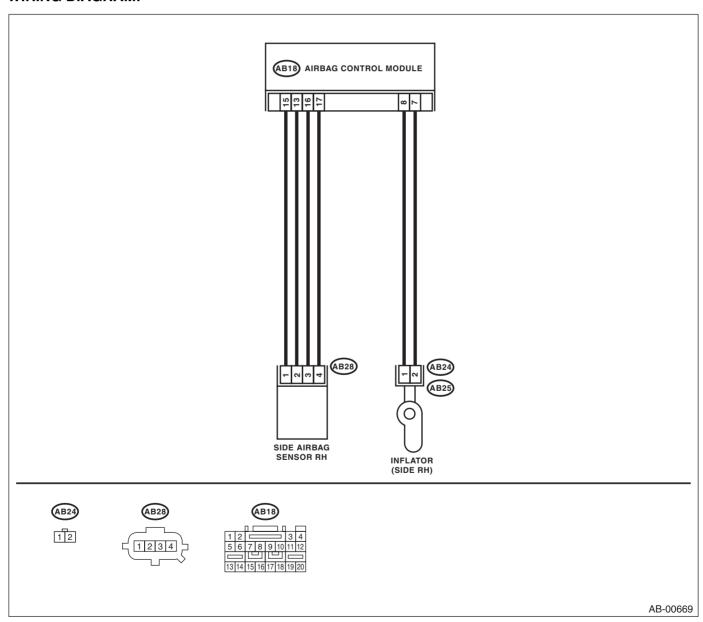
X: DTC 41 SIDE AIRBAG RH FAILURE

DTC DETECTING CONDITION:

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

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag main harness, disconnect the airbag module connectors of the driver's and passenger's seats for safety.
- When inspecting the airbag rear harness, disconnect the side airbag module connector, curtain airbag module connector and seat belt pretensioner connector for safety reasons.

 WIRING DIAGRAM:



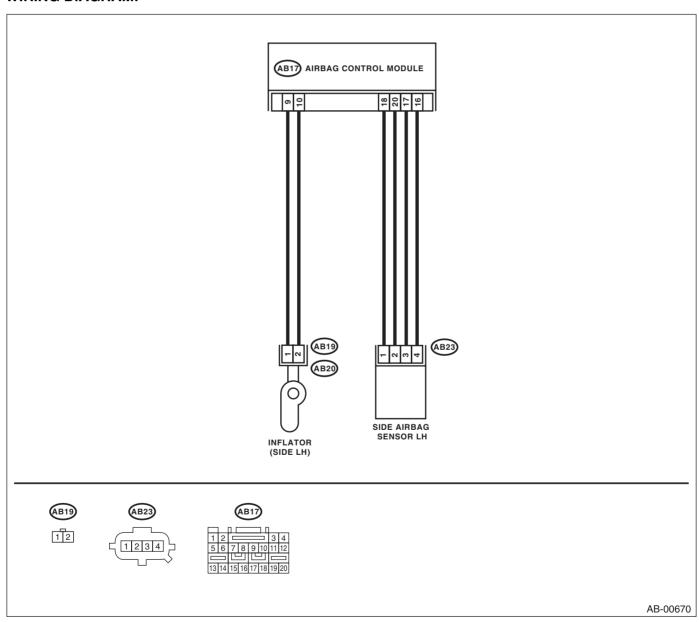
	Step	Check	Yes	No
1	CHECK POOR CONTACT IN CONNECTORS.	Is there poor contact?	Replace the airbag	Go to step 2.
	Check for poor contact of the connectors		rear harness along	
	between the airbag control module, side airbag		with body harness.	
	module RH and the side airbag sensor RH.			
2	CHECK SIDE AIRBAG MODULE.	Does the airbag warning light	Replace the side	Go to step 3.
	1) Turn the ignition switch to OFF, disconnect	illuminate for six seconds and	airbag module	
	the battery ground cable, and wait more than	go off?	(RH). <ref. ab-<="" th="" to=""><th></th></ref.>	
	20 seconds.		19, REMOVAL,	
	Disconnect the connector (AB25) from		Side Airbag Mod-	
	(AB24), and connect the connector (1F) in test		ule.>	
	harness F to connector (AB24).			
	3) Connect the airbag resistor to the connec-			
	tor (3F) of test harness F.			
	4) Connect the battery ground terminal and			
_	turn the ignition switch to ON.			
3	CHECK AIRBAG REAR HARNESS (SIDE	Is the resistance less than 10	Go to step 4.	Replace the airbag
	AIRBAG MODULE HARNESS RH).	Ω?		rear harness along
	1) Turn the ignition switch to OFF, disconnect			with body harness.
	the battery ground cable, and wait more than			
	20 seconds.			
	2) Disconnect the connector (AB26) from seat			
	belt pretensioner (RH). 3) Disconnect the connector (AB33) from cur-			
	tain airbag module (RH).			
	Disconnect the airbag resistor from test			
	harness F.			
	5) Disconnect the connector (AB18) from air-			
	bag control module.			
	6) Connect the connector (1U) in the test har-			
	ness U to connector (AB18).			
	7) Measure the resistance between connector			
	(3U) in the test harness U and connector (3F)			
	in the test harness F.			
	Connector & terminal			
	(3U) No. 20 — (3F) No. 4:			
	(3U) No. 18 — (3F) No. 3:			
4	CHECK AIRBAG REAR HARNESS (SIDE	Is the resistance more than 1	Go to step 5.	Replace the airbag
	AIRBAG MODULE HARNESS RH).	ΜΩ?		rear harness along
	Measure the resistance between connector			with body harness.
	(3U) terminals in the test harness U.			
	Connector & terminal			
F	(3U) No. 20 — (3U) No. 18:	lo the registeres was at the said	Co to ctor C	Donloos the state -
5	CHECK AIRBAG REAR HARNESS (SIDE	Is the resistance more than 1 $M\Omega$?	Go to step 6.	Replace the airbag
1	AIRBAG MODULE HARNESS RH). Measure the resistance between connector	IVIS 2 !		rear harness along with body harness.
	(3U) in the test harness U and chassis ground.			willi bouy namess.
	Connector & terminal			
	(3U) No. 20 — Chassis ground:			
	(3U) No. 18 — Chassis ground:			
6	CHECK AIRBAG CONTROL MODULE.	Is the same DTC displayed?	Replace the airbag	Go to step 7 .
3	Connect all the connectors.	ns the same DTO displayed?	control module.	ao io siep 1.
	2) Erase the memory.		<ref. ab-23,<="" th="" to=""><th></th></ref.>	
	2) Erase the memory.3) Perform the Inspection Mode.		Airbag Control	
	4) Read the DTC.		Module.>	
7	CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using	Finish the diagno-
l <i>'</i>	CHESK ART CHIER DIC OR DISPEAT.	lis any other DTO displayed!	"List of Diagnostic	sis.
			Trouble Code	5.5.
			(DTC)". <ref. th="" to<=""><th></th></ref.>	
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			of Diagnostic Trou-	
			ble Code (DTC).>	
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Y: DTC 42 SIDE AIRBAG LH FAILURE

DTC DETECTING CONDITION:

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

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag main harness, disconnect the airbag module connectors of the driver's and passenger's seats for safety.
- When inspecting the airbag rear harness, disconnect the side airbag module connector, curtain airbag module connector and seat belt pretensioner connector for safety reasons.
 WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT IN CONNECTORS.			Go to step 2.
	Check for poor contact of the connectors	·	rear harness along	'
	between the airbag control module, side airbag		with body harness.	
	module LH and the side airbag sensor LH.		,	
2	CHECK SIDE AIRBAG MODULE.	Does the airbag warning light	Replace the side	Go to step 3.
	1) Turn the ignition switch to OFF, disconnect	illuminate for six seconds and	airbag module	'
	the battery ground cable, and wait more than	go off?	(LH). <ref. ab-<="" th="" to=""><th></th></ref.>	
	20 seconds.		19, REMOVAL,	
	2) Disconnect the connector (AB20) from		Side Airbag Mod-	
	(AB19), and connect the connector (1F) in test		ule.>	
	harness F to connector (AB19).			
	3) Connect the airbag resistor to the connec-			
	tor (3F) of test harness F.			
	4) Connect the battery ground terminal and			
	turn the ignition switch to ON.			
3	CHECK AIRBAG REAR HARNESS (SIDE	Is the resistance less than 10	Go to step 4.	Replace the airbag
	AIRBAG MODULE HARNESS LH).	Ω ?		rear harness along
	1) Turn the ignition switch to OFF, disconnect			with body harness.
	the battery ground cable, and wait more than			-
	20 seconds.			
	2) Disconnect the connector (AB21) from seat			
	belt pretensioner (LH).			
	3) Disconnect the connector (AB31) from cur-			
	tain airbag module (LH).			
	 Disconnect the airbag resistor from test 			
	harness.			
	5) Disconnect the connector (AB17) from air-			
	bag control module.			
	6) Connect the connector (1U) in the test har-			
	ness U to connector (AB17).			
	7) Measure the resistance between connector			
	(3U) in the test harness U and connector (3F)			
	in the test harness F.			
	Connector & terminal			
	(3U) No. 12 — (3F) No. 4:			
4	(3U) No. 10 — (3F) No. 3: CHECK AIRBAG REAR HARNESS (SIDE	le the recietance more than 1	Go to stop 5	Doplace the airbag
4	AIRBAG MODULE HARNESS LH).	Is the resistance more than 1 $M\Omega$?	Go to step 5.	Replace the airbag
	Measure the resistance between connector	IVIS 2 ?		rear harness along
	(3U) terminals in the test harness U.			with body harness.
	Connector & terminal			
	(3U) No. 12 — (3U) No. 10:			
5	CHECK AIRBAG REAR HARNESS (SIDE	Is the resistance more than 1	Go to step 6.	Replace the airbag
	AIRBAG MODULE HARNESS LH).	$M\Omega$?	33 to stop 6 .	rear harness along
	Measure the resistance between connector	- -		with body harness.
	(3U) in the test harness U and chassis ground.			223,
	Connector & terminal			
	(3U) No. 12 — Chassis ground:			
	(3U) No. 10 — Chassis ground:			
6	CHECK AIRBAG CONTROL MODULE.	Is the same DTC displayed?	Replace the airbag	Go to step 7.
1	Connect all the connectors.	and common and commo	control module.	· ·
	Erase the memory.		<ref. ab-23,<="" th="" to=""><th></th></ref.>	
	Perform the Inspection Mode.		Airbag Control	
	4) Read the DTC.		Module.>	
7	CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using	Finish the diagno-
ا آ	and the second s		"List of Diagnostic	sis.
			Trouble Code	- =-
			(DTC)". <ref. th="" to<=""><th></th></ref.>	
			AB(diag)-43, List	
			of Diagnostic Trou-	
			ble Code (DTC).>	
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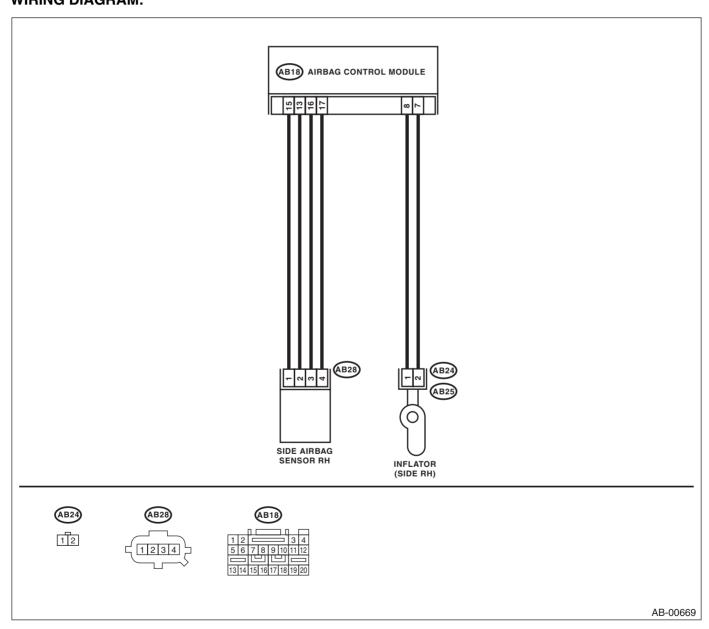
Z: DTC 45 SIDE AIRBAG RH FAILURE

DTC DETECTING CONDITION:

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

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag main harness, disconnect the airbag module connectors of the driver's and passenger's seats for safety.
- When inspecting the airbag rear harness, disconnect the side airbag module connector, curtain airbag module connector and seat belt pretensioner connector for safety reasons.

 WIRING DIAGRAM:



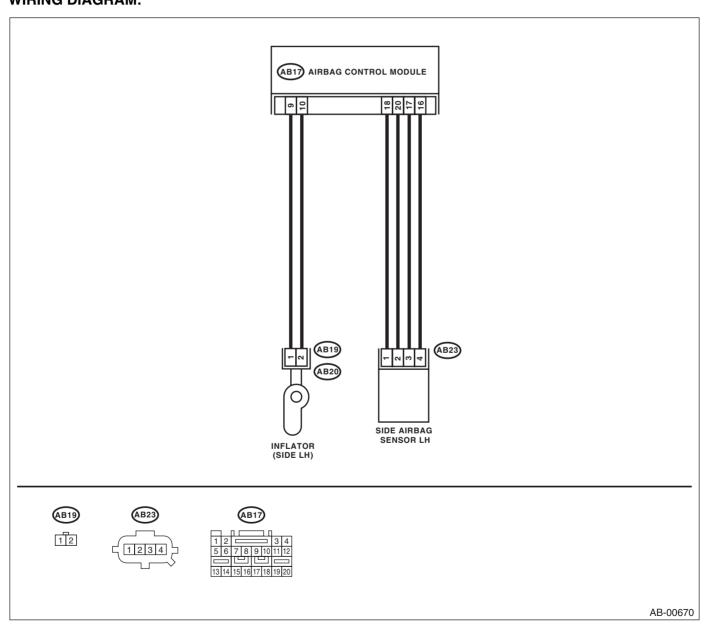
	Step	Check	Yes	No
1	CHECK POOR CONTACT IN CONNECTORS.	Is there poor contact?	Replace the airbag	Go to step 2.
	Check for poor contact of the connectors		rear harness along	
	between the airbag control module, side airbag		with body harness.	
	module RH and the side airbag sensor RH.			
2	CHECK SIDE AIRBAG MODULE.	Does the airbag warning light	Replace the side	Go to step 3.
	 Turn the ignition switch to OFF, disconnect 	illuminate for six seconds and	airbag module	
	the battery ground cable, and wait more than	go off?	(RH). <ref. ab-<="" td="" to=""><td></td></ref.>	
	20 seconds.		19, REMOVAL,	
	2) Disconnect the connector (AB25) from		Side Airbag Mod-	
	(AB24), and connect the connector (1F) in test		ule.>	
	harness F to connector (AB24).			
	3) Connect the airbag resistor to the connector (25) of test have see			
	tor (3F) of test harness F.			
	4) Connect the battery ground terminal and			
2	turn the ignition switch to ON.	lo the veltage less than 1 1/2	Co to stop 4	Danlage the cirks of
3	CHECK AIRBAG REAR HARNESS (SIDE AIRBAG MODULE HARNESS RH).	Is the voltage less than 1 V?	Go to step 4.	Replace the airbag rear harness along
	Turn the ignition switch to OFF, disconnect			with body harness.
	the battery ground cable, and wait more than			with body namess.
	20 seconds.			
	2) Disconnect the connector (AB26) from seat			
	belt pretensioner (RH).			
	3) Disconnect the connector (AB33) from cur-			
	tain airbag module (RH).			
	Disconnect the airbag resistor from test			
	harness.			
	5) Disconnect the connector (AB18) from air-			
	bag control module.			
	6) Connect the connector (1U) in the test har-			
	ness U to connector (AB18).			
	Connect the battery ground terminal and			
	turn the ignition switch to ON.			
	8) Measure the voltage between connector			
	(3U) in the test harness U and chassis ground.			
	Connector & terminal			
	(3U) No. 20 (+) — Chassis ground (-):			
4	(3U) No. 18 (+) — Chassis ground (-):	la tha ages DTC diambayada	Dania aa tha aiwh aa	Co to oton F
4	CHECK AIRBAG CONTROL MODULE.	Is the same DTC displayed?	Replace the airbag control module.	GO 10 Step 5 .
	 Connect all the connectors. Erase the memory. 		<ref. ab-23,<="" td="" to=""><td></td></ref.>	
	2) Erase the memory.3) Perform the Inspection Mode.		Airbag Control	
	4) Read the DTC.		Module.>	
5	CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using	Finish the diagno-
	C.LORANI CINENDIO ON DIOI EAT.	le any other bit o displayed:	"List of Diagnostic	sis.
			Trouble Code	0.0.
			(DTC)". <ref. td="" to<=""><td></td></ref.>	
			AB(diag)-43, List	
			of Diagnostic Trou-	
			ble Code (DTC).>	

AA:DTC 46 SIDE AIRBAG LH FAILURE

DTC DETECTING CONDITION:

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

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag main harness, disconnect the airbag module connectors of the driver's and passenger's seats for safety.
- When inspecting the airbag rear harness, disconnect the side airbag module connector, curtain airbag module connector and seat belt pretensioner connector for safety reasons.
 WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT IN CONNECTORS.	Is there poor contact?	Replace the airbag	Go to step 2.
	Check for poor contact of the connectors		rear harness along	
	between the airbag control module, side airbag		with body harness.	
	module LH and the side airbag sensor LH.			
2	CHECK SIDE AIRBAG MODULE.	Does the airbag warning light	Replace the side	Go to step 3.
	 Turn the ignition switch to OFF, disconnect 	illuminate for six seconds and	airbag module	
	the battery ground cable, and wait more than	go off?	(LH). <ref. ab-<="" td="" to=""><td></td></ref.>	
	20 seconds.		19, REMOVAL,	
	2) Disconnect the connector (AB20) from		Side Airbag Mod-	
	(AB19), and connect the connector (1F) in test		ule.>	
	harness F to connector (AB19).			
	3) Connect the airbag resistor to the connec-			
	tor (3F) of test harness F.			
	4) Connect the battery ground terminal and			
	turn the ignition switch to ON.			D
3	CHECK AIRBAG REAR HARNESS (SIDE	Is the voltage less than 1 V?	Go to step 4.	Replace the airbag
	AIRBAG MODULE HARNESS LH).			rear harness along
	Turn the ignition switch to OFF, disconnect			with body harness.
	the battery ground cable, and wait more than			
	20 seconds.2) Disconnect the connector (AB21) from seat			
	belt pretensioner (LH).			
	3) Disconnect the connector (AB31) from cur-			
	tain airbag module (LH).			
	Disconnect the airbag resistor from test			
	harness.			
	5) Disconnect the connector (AB17) from air-			
	bag control module.			
	6) Connect the connector (1U) in the test har-			
	ness U to connector (AB17).			
	7) Connect the battery ground terminal and			
	turn the ignition switch to ON.			
	8) Measure the voltage between connector			
	(3U) in the test harness U and chassis ground.			
	Connector & terminal			
	(3U) No. 12 (+) — Chassis ground (–):			
	(3U) No. 10 (+) — Chassis ground (−):			
4	CHECK AIRBAG CONTROL MODULE.	Is the same DTC displayed?	Replace the airbag	Go to step 5.
	1) Connect all the connectors.		control module.	
	2) Erase the memory.		<ref. ab-23,<="" td="" to=""><td></td></ref.>	
	3) Perform the Inspection Mode.		Airbag Control	
	4) Read the DTC.		Module.>	E
5	CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using	Finish the diagno-
			"List of Diagnostic	sis.
			Trouble Code	
			(DTC)". <ref. td="" to<=""><td></td></ref.>	
			AB(diag)-43, List	
			of Diagnostic Trou-	
			ble Code (DTC).>	

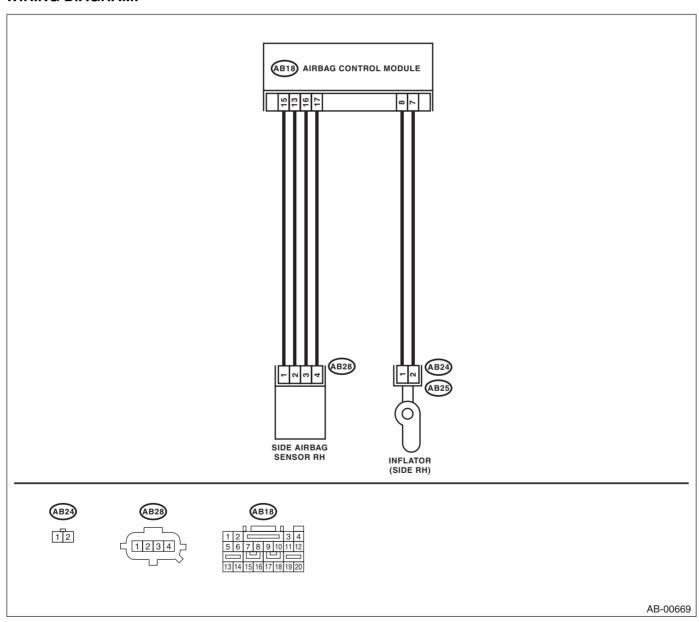
AB:DTC 51 SIDE AIRBAG SENSOR RH FAILURE

DTC DETECTING CONDITION:

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

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag main harness, disconnect the airbag module connectors of the driver's and passenger's seats for safety.
- When inspecting the airbag rear harness, disconnect the side airbag module connector, curtain airbag module connector and seat belt pretensioner connector for safety reasons.

 WIRING DIAGRAM:



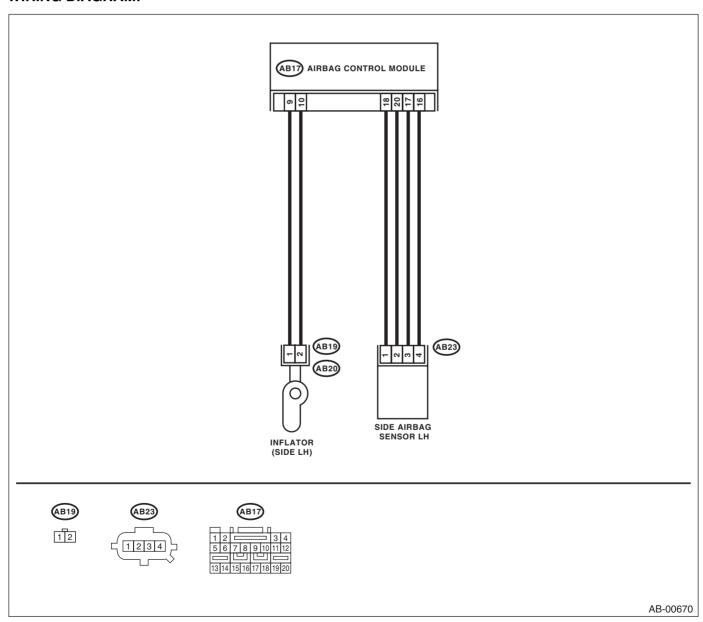
	Step	Check	Yes	No
1	CHECK POOR CONTACT IN CONNECTORS.	Is there poor contact?	Replace the airbag	Go to step 2.
	Check for poor contact of the connectors	•	rear harness along	-
	between the airbag control module, side airbag		with body harness.	
	module RH and the side airbag sensor RH.			
2	CHECK AIRBAG REAR HARNESS (SIDE	Is the resistance less than 10	Go to step 3.	Replace the airbag
	AIRBAG SENSOR HARNESS RH).	Ω?		rear harness along
	1) Turn the ignition switch to OFF, disconnect			with body harness.
	the battery ground cable, and wait more than			
	20 seconds.			
	2) Disconnect the connector (AB26) from seat			
	belt pretensioner (RH).			
	3) Disconnect the connector (AB33) from cur-			
	tain airbag module (RH). 4) Disconnect the connector (AB25) from			
	(AB24).			
	5) Disconnect the connector (AB18) from air-			
	bag control module.			
	6) Connect the connector (1U) in the test har-			
	ness U to connector (AB18).			
	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			
	(4U) in the test harness U and connector (3V)			
	in the test harness V.			
	Connector & terminal			
	(4U) No. 5 — (3V) No. 2:			
	(4U) No. 7 — (3V) No. 1:			
	(4U) No. 8 — (3V) No. 5:			
	(4U) No. 6 — (3V) No. 4:			
3	CHECK AIRBAG REAR HARNESS (SIDE	Is the resistance more than 1	Go to step 4.	Replace the airbag
	AIRBAG SENSOR HARNESS RH). Measure the resistance between connector	$M\Omega$?		rear harness along
	(4U) in the test harness U and chassis ground.			with body harness.
	Connector & terminal			
	(4U) No. 5 — Chassis ground:			
	(4U) No. 7 — Chassis ground:			
	(4U) No. 8 — Chassis ground:			
	(4U) No. 6 — Chassis ground:			
4	CHECK AIRBAG CONTROL MODULE.	Is the same DTC displayed?	Replace the side	Go to step 5.
	Connect all the connectors.		airbag sensor	
	2) Erase the memory.		(RH). <ref. ab-<="" td="" to=""><td></td></ref.>	
	Perform the Inspection Mode.		24, Side Airbag	
	4) Read the DTC.		Sensor.> Replace	
			the airbag control	
			module if not oper-	
			ating normally	
			even after replac-	
			ing the sensor.	
			<ref. ab-23,<="" td="" to=""><td></td></ref.>	
			Airbag Control	
E	CHECK AND OTHER RECONDINGS AV	le any other DTC dissilated	Module.>	Finish the adie
5	CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using	Finish the diagno-
			"List of Diagnostic Trouble Code	sis.
			(DTC)". <ref. td="" to<=""><td></td></ref.>	
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			of Diagnostic Trou-	
			ble Code (DTC).>	
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AC:DTC 52 SIDE AIRBAG SENSOR LH FAILURE

DTC DETECTING CONDITION:

- Side airbag sensor (LH) is faulty.
- Side airbag harness (LH) is faulty.
- Airbag control module is faulty.

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag main harness, disconnect the airbag module connectors of the driver's and passenger's seats for safety.
- When inspecting the airbag rear harness, disconnect the side airbag module connector, curtain airbag module connector and seat belt pretensioner connector for safety reasons.
 WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT IN CONNECTORS.	Is there poor contact?	Replace the airbag	Go to step 2.
	Check for poor contact of the connectors	•	rear harness along	-
	between the airbag control module, side airbag		with body harness.	
	module LH and the side airbag sensor LH.			
2	CHECK AIRBAG REAR HARNESS (SIDE	Is the resistance less than 10	Go to step 3.	Replace the airbag
	AIRBAG SENSOR HARNESS LH).	Ω ?		rear harness along
	1) Turn the ignition switch to OFF, disconnect			with body harness.
	the battery ground cable, and wait more than			
	20 seconds.			
	2) Disconnect the connector (AB21) from seat			
	belt pretensioner (LH).			
	3) Disconnect the connector (AB31) from cur-			
	tain airbag module (LH).			
	4) Disconnect the connector (AB20) from			
	(AB19).			
	5) Disconnect the connector (AB17) from air-			
	bag control module.			
	6) Connect the connector (1U) in the test har-			
	ness U to connector (AB17).			
	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			
	(4U) in the test harness U and connector (3V) in the test harness V.			
	Connector & terminal			
	(4U) No. 3 — (3V) No. 4:			
	(4U) No. 1 — (3V) No. 5:			
	(4U) No. 2 — (3V) No. 1:			
	(4U) No. 4 — (3V) No. 2:			
3	CHECK AIRBAG REAR HARNESS (SIDE	Is the resistance more than 1	Go to step 4.	Replace the airbag
	AIRBAG SENSOR HARNESS LH).	$M\Omega$?		rear harness along
	Measure the resistance between connector			with body harness.
	(4U) in the test harness U and chassis ground.			,
	Connector & terminal			
	(4U) No. 3 — Chassis ground:			
	(4U) No. 1 — Chassis ground:			
	(4U) No. 2 — Chassis ground:			
	(4U) No. 4 — Chassis ground:			
4	CHECK AIRBAG CONTROL MODULE.	Is the same DTC displayed?	Replace the side	Go to step 5.
	 Connect all the connectors. 	·	airbag sensor	
	2) Erase the memory.		(LH). <ref. ab-<="" td="" to=""><td></td></ref.>	
	Perform the Inspection Mode.		24, Side Airbag	
	4) Read the DTC.		Sensor.> Replace	
			the airbag control	
			module if not oper-	
			ating normally	
			even after replac-	
			ing the sensor.	
			<ref. ab-23,<="" td="" to=""><td></td></ref.>	
			Airbag Control	
			Module.>	
5	CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using	Finish the diagno-
			"List of Diagnostic	sis.
			Trouble Code	
			(DTC)". <ref. td="" to<=""><td></td></ref.>	
			AB(diag)-43, List	
			of Diagnostic Trou-	
			ble Code (DTC).>	

AIRBAG SYSTEM (DIAGNOSTICS)

AD:DTC 53 SIDE AIRBAG SENSOR RH FAILURE

DTC DETECTING CONDITION:

Side airbag sensor (RH) is faulty.

When DTC 53 is displayed, the circuit within the side airbag sensor (RH) is faulty. Replace the side airbag sensor (RH). <Ref. to AB-24, Side Airbag Sensor.>

AE:DTC 54 SIDE AIRBAG SENSOR LH FAILURE

DTC DETECTING CONDITION:

Side airbag sensor (LH) is faulty.

When DTC 54 is displayed, the circuit within the side airbag sensor (LH) is faulty. Replace the side airbag sensor (LH). <Ref. to AB-24, Side Airbag Sensor.>

AF:DTC 55 SIDE CURTAIN AIRBAG FIRING OUTPUT

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-23, Airbag Control Module.>
- Front seat with side airbag module (Operating side) <Ref. to SE-9, Front Seat.>
- Side airbag sensor (Operating side) <Ref. to AB-24, Side Airbag Sensor.>
- Curtain airbag module (Operating side) <Ref. to AB-21, Curtain Airbag Module.>
- Curtain airbag sensor (Operating side) <Ref. to AB-25, Curtain Airbag Sensor.>

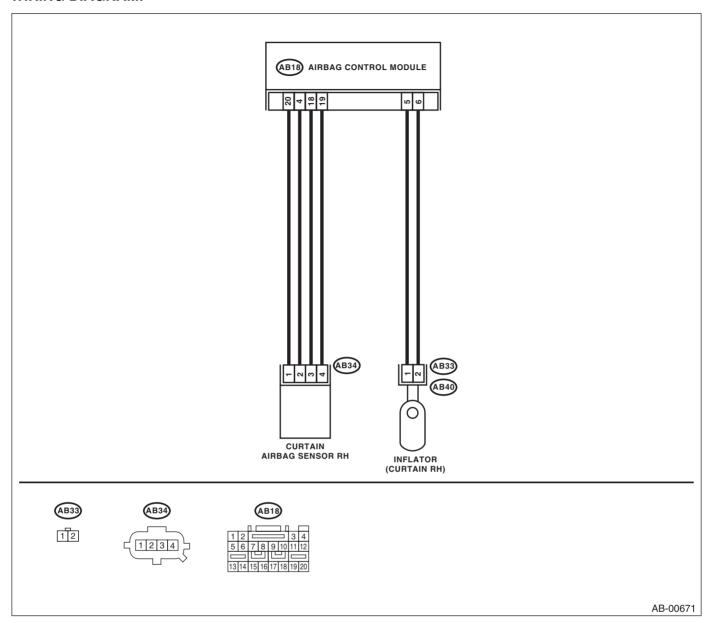
AG:DTC 56 CURTAIN AIRBAG SENSOR RH FAILURE

DTC DETECTING CONDITION:

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

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag main harness, disconnect the airbag module connectors of the driver's and passenger's seats for safety.
- When inspecting the airbag rear harness, disconnect the side airbag module connector, curtain airbag module connector and seat belt pretensioner connector for safety reasons.

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT IN CONNECTORS. Check for poor contact of the connectors between the airbag control module, curtain airbage control module.	·	Replace the airbag rear harness along with body harness.	
	bag module RH and the curtain airbag sensor RH.			

	Step	Check	Yes	No
2	CHECK AIRBAG REAR HARNESS (CUR-	Is the resistance less than 10	Go to step 3.	Replace the airbag
	TAIN AIRBAG SENSOR HARNESS RH).	Ω ?	·	rear harness along
	1) Turn the ignition switch to OFF, disconnect			with body harness.
	the battery ground cable, and wait more than			
	20 seconds.			
	2) Disconnect the connector (AB26) from seat			
	belt pretensioner (RH).			
	3) Disconnect the connector (AB24) from side			
	airbag module (RH).			
	Disconnect the connector (AB33) from			
	(AB40).			
	5) Disconnect the connector (AB18) from air-			
	bag control module.			
	6) Connect the connector (1U) in the test har-			
	ness U to connector (AB18).			
	7) Disconnect the connector (AB34) from cur-			
	tain airbag sensor (RH), and connect the con-			
	nector (2V) in test harness V to connector			
	(AB34).			
	8) Measure the resistance between connector			
	(5U) in the test harness U and connector (3V)			
	in the test harness V.			
	Connector & terminal			
	(5U) No. 14 — (3V) No. 4:			
	(5U) No. 16 — (3V) No. 5:			
	(5U) No. 15 — (3V) No. 1:			
	(5U) No. 13 — (3V) No. 2:			
3	CHECK AIRBAG REAR HARNESS (CUR-	Is the resistance more than 1	Go to step 4.	Replace the airbag
١	TAIN AIRBAG SENSOR HARNESS RH).	$M\Omega$?	do to step 4.	rear harness along
	Measure the resistance between connector	17122:		with body harness.
	(5U) in the test harness U and chassis ground.			With body harricos.
	Connector & terminal			
	(5U) No. 14 — Chassis ground:			
	(5U) No. 16 — Chassis ground:			
	(5U) No. 15 — Chassis ground:			
	(5U) No. 13 — Chassis ground:			
4	CHECK AIRBAG CONTROL MODULE.	Is the same DTC displayed?	Replace the cur-	Go to step 5.
•	Connect all the connectors.	lis the same bito displayed:	tain airbag sensor	αο το στορ σ .
	2) Erase the memory.		(RH). <ref. ab-<="" th="" to=""><th></th></ref.>	
	2) Lease the memory.3) Perform the Inspection Mode.		25, Curtain Airbag	
	4) Read the DTC.		Sensor.> Replace	
	4) Head the DTC.		the airbag control	
			module if not oper-	
			ating normally	
			even after replac-	
			ing the sensor.	
			<ref. ab-23,<="" th="" to=""><th></th></ref.>	
			Airbag Control	
_	OUTON ANY OTHER RES ON BIODI AN	II. and the DTO II. I	Module.>	Ethica la ala a P
5	CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using	Finish the diagno-
			"List of Diagnostic	sis.
			Trouble Code	
			(DTC)". <ref. th="" to<=""><th></th></ref.>	
			AB(diag)-43, List	
			of Diagnostic Trou-	
			ble Code (DTC).>	

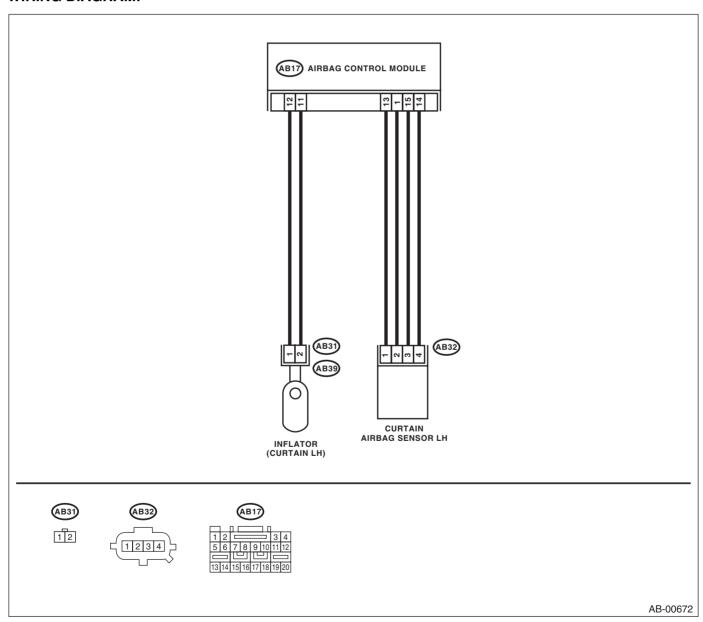
AH:DTC 57 CURTAIN AIRBAG SENSOR LH FAILURE

DTC DETECTING CONDITION:

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

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag main harness, disconnect the airbag module connectors of the driver's and passenger's seats for safety.
- When inspecting the airbag rear harness, disconnect the side airbag module connector, curtain airbag module connector and seat belt pretensioner connector for safety reasons.

 WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT IN CONNECTORS.	1	Replace the airbag	
	Check for poor contact of the connectors	,	rear harness along	
	between the airbag control module, curtain air-		with body harness.	
	bag module LH and the curtain airbag sensor		,	
	LH.			
2	CHECK AIRBAG REAR HARNESS (CUR-	Is the resistance less than 10	Go to step 3.	Replace the airbag
	TAIN AIRBAG SENSOR HARNESS LH).	Ω?		rear harness along
	1) Turn the ignition switch to OFF, disconnect			with body harness.
	the battery ground cable, and wait more than			
	20 seconds.			
	2) Disconnect the connector (AB21) from seat			
	belt pretensioner (LH).			
	 Disconnect the connector (AB19) from side airbag module (LH). 			
	4) Disconnect the connector (AB31) from			
	(AB39).			
	5) Disconnect the connector (AB17) from air-			
	bag control module.			
	6) Connect the connector (1U) in the test har-			
	ness U to connector (AB17).			
	7) Disconnect the connector (AB32) from cur-			
	tain airbag sensor (LH), and connect the con-			
	nector (2V) in test harness V to connector			
	(AB32).			
	8) Measure the resistance between connector			
	(5U) in the test harness U and connector (3V) in the test harness V.			
	Connector & terminal			
	(5U) No. 11 — (3V) No. 4:			
	(5U) No. 9 — (3V) No. 5:			
	(5U) No. 10 — (3V) No. 1:			
	(5U) No. 12 — (3V) No. 2:			
3	CHECK AIRBAG REAR HARNESS (CUR-	Is the resistance more than 1	Go to step 4.	Replace the airbag
	TAIN AIRBAG SENSOR HARNESS LH).	ΜΩ?		rear harness along
	Measure the resistance between connector			with body harness.
	(5U) in the test harness U and chassis ground.			
	Connector & terminal			
	(5U) No. 11 — Chassis ground:			
	(5U) No. 9 — Chassis ground:			
	(5U) No. 10 — Chassis ground:			
4	(5U) No. 12 — Chassis ground: CHECK AIRBAG CONTROL MODULE.	lo the same DTC displayed?	Donland the cur	Co to oton F
4	Connect all the connectors.	Is the same DTC displayed?	Replace the curtain airbag sensor	Go to step 5.
	2) Erase the memory.		(LH). <ref. ab-<="" td="" to=""><td></td></ref.>	
	2) Erase the memory.3) Perform the Inspection Mode.		25, Curtain Airbag	
	4) Read the DTC.		Sensor.> Replace	
	,		the airbag control	
			module if not oper-	
			ating normally	
			even after replac-	
			ing the sensor.	
			<ref. ab-23,<="" td="" to=""><td></td></ref.>	
			Airbag Control	
			Module.>	

AIRBAG SYSTEM (DIAGNOSTICS)

	Step	Check	Yes	No
5	CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using	Finish the diagno-
			"List of Diagnostic	sis.
			Trouble Code	
			(DTC)". <ref. th="" to<=""><th></th></ref.>	
			AB(diag)-43, List	
			of Diagnostic Trou-	
			ble Code (DTC).>	

AI: DTC 58 CURTAIN AIRBAG SENSOR RH FAILURE

DTC DETECTING CONDITION:

Curtain airbag sensor (RH) is faulty.

If DTC 58 is displayed, the circuit within the curtain airbag sensor (RH) is faulty. Replace the curtain airbag sensor (RH). <Ref. to AB-25, Curtain Airbag Sensor.>

AJ:DTC 59 CURTAIN AIRBAG SENSOR LH FAILURE

DTC DETECTING CONDITION:

Curtain airbag sensor (LH) is faulty.

If DTC 59 is displayed, the circuit within the curtain airbag sensor (LH) is faulty. Replace the curtain airbag sensor (LH). <Ref. to AB-25, Curtain Airbag Sensor.>

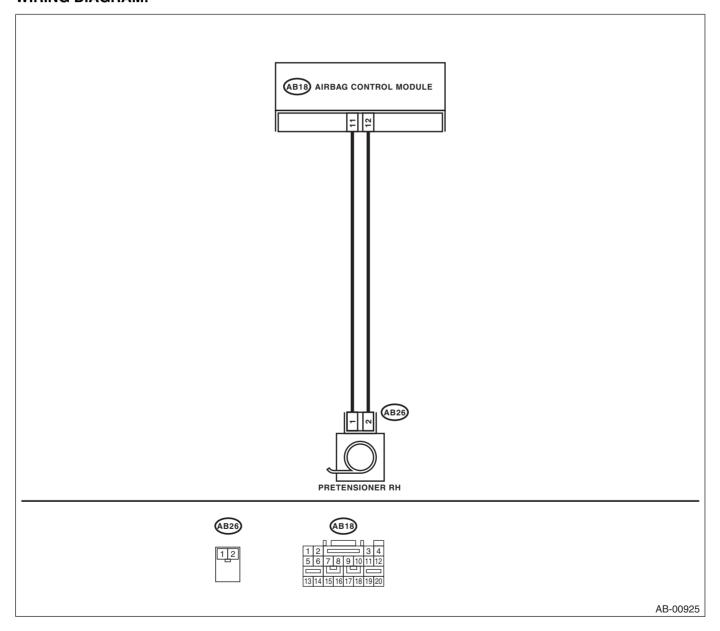
AK:DTC 61 BELT PRETENSIONER RH FAILURE

DTC DETECTING CONDITION:

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

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag rear harness, disconnect the side airbag module connector, curtain airbag module connector and seat belt pretensioner connector for safety reasons.

 WIRING DIAGRAM:



	Step	Check	Yes	No
1 C	HECK POOR CONTACT IN CONNECTORS.		Replace the airbag	
	check for poor contact of the connectors	is there poor contact:	rear harness along	do to step 2.
	etween the airbag control module and the		with body harness.	
	eat belt pretensioner RH.			
	HECK SEAT BELT PRETENSIONER.	Does the airbag warning light	Replace the seat	Go to step 3.
_	Turn the ignition switch to OFF, disconnect	illuminate for six seconds and	belt pretensioner	Sec 12 232
	ne battery ground cable, and wait more than	go off?	(RH). <ref. sb-<="" th="" to=""><th></th></ref.>	
20	0 seconds.		10, Front Seat	
2)) Disconnect the connector (AB26) from seat		Belt.>	
	elt pretensioner (RH).			
) Connect the connector (1N) in the test har-			
	ess N to the connector (AB26).			
) Connect the airbag resistor to the connec-			
	or (2N) in the test harness N.			
) Connect the battery ground terminal and			
	urn the ignition switch to ON.		0 1 1	D 1 11 11
	HECK AIRBAG REAR HARNESS (PRE-	Is the resistance less than 10	Go to step 4.	Replace the airbag rear harness along
	ENSIONER HARNESS RH).) Turn the ignition switch to OFF, disconnect	Ω?		with body harness.
	ne battery ground cable, and wait more than			with body namess.
	0 seconds.			
) Disconnect the airbag resistor from test			
	arness.			
3)) Disconnect the connector (AB24) from side			
	irbag module (RH).			
) Disconnect the connector (AB33) from cur-			
	ain airbag module (RH).			
	Disconnect the connectors (AB17) and			
	AB18) from airbag control module.			
	Connect the connector (1U) in the test har-			
	ess U to connector (AB18).) Measure the resistance between connector			
	BU) in the test harness U and connector (2N)			
1	the test harness N.			
	Connector & terminal			
	(3U) No. 17 — (2N) No. 2:			
	(3Ú) No. 19 — (2Ń) No. 1:			
	HECK AIRBAG REAR HARNESS (PRE-	Is the resistance more than 1	Go to step 5.	Replace the airbag
	ENSIONER HARNESS RH).	ΜΩ?		rear harness along
	leasure the resistance between connector			with body harness.
,	BU) terminals in the test harness U.			
1	Connector & terminal			
	(3U) No. 19 — (3U) No. 17:	la the projetore	0-112	Danis and 11
	HECK AIRBAG REAR HARNESS (PRE-	Is the resistance more than 1 $M\Omega$?	Go to step 6.	Replace the airbag
	ENSIONER HARNESS RH). Ieasure the resistance between connector	IVI2 2 :		rear harness along with body harness.
	BU) in the test harness U and chassis ground.			with body namess.
	Connector & terminal			
	(3U) No. 17 — Chassis ground:			
	(3U) No. 19 — Chassis ground:			
6 C	HECK AIRBAG CONTROL MODULE.	Is the same DTC displayed?	Replace the airbag	Go to step 7.
) Connect all the connectors.		control module.	,
	Erase the memory.		<ref. ab-23,<="" th="" to=""><th></th></ref.>	
	Perform the Inspection Mode.		Airbag Control	
4)) Read the DTC.		Module.>	

	Step	Check	Yes	No
7	CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using	Finish the diagno-
			"List of Diagnostic	sis.
			Trouble Code	
			(DTC)". <ref. th="" to<=""><th></th></ref.>	
			AB(diag)-43, List	
			of Diagnostic Trou-	
			ble Code (DTC).>	

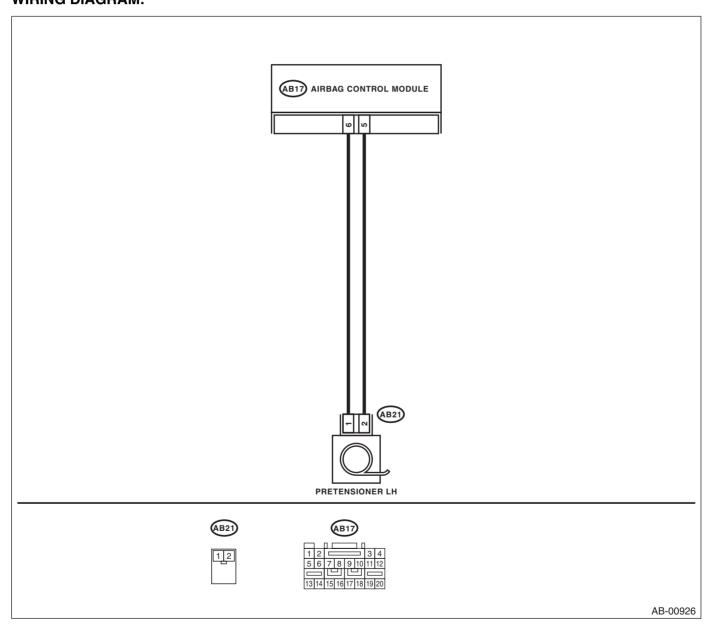
AL:DTC 62 BELT PRETENSIONER LH FAILURE

DTC DETECTING CONDITION:

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

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag rear harness, disconnect the side airbag module connector, curtain airbag module connector and seat belt pretensioner connector for safety reasons.

 WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT IN CONNECTORS.		Replace the airbag	-
'	Check for poor contact of the connectors	is there poor contact:	rear harness along	do to step 2.
	between the airbag control module and the		with body harness.	
	seat belt pretensioner LH.			
2	CHECK SEAT BELT PRETENSIONER.	Does the airbag warning light	Replace the seat	Go to step 3.
	Turn the ignition switch to OFF, disconnect	illuminate for six seconds and	belt pretensioner	G. 3. 3. 3. 3. 4
	the battery ground cable, and wait more than	go off?	(LH). <ref. sb-<="" th="" to=""><th></th></ref.>	
	20 seconds.		10, Front Seat	
	2) Disconnect the connector (AB21) from seat		Belt.>	
	belt pretensioner (LH).			
	3) Connect the connector (1N) in the test har-			
	ness N to the connector (AB21).			
	4) Connect the airbag resistor to the connec-			
	tor (2N) in the test harness N.			
	5) Connect the battery ground terminal and			
_	turn the ignition switch to ON.		0 1 1	5 1 11 11
3	CHECK AIRBAG REAR HARNESS (PRE- TENSIONER HARNESS LH).	Is the resistance less than 10	Go to step 4.	Replace the airbag rear harness along
	Turn the ignition switch to OFF, disconnect	Ω?		with body harness.
	the battery ground cable, and wait more than			with body namess.
	20 seconds.			
	Disconnect the airbag resistor from test			
	harness.			
	3) Disconnect the connector (AB19) from side			
	airbag module (LH).			
	4) Disconnect the connector (AB31) from cur-			
	tain airbag module (LH).			
	5) Disconnect the connectors (AB17) and			
	(AB18) from airbag control module.			
	6) Connect the connector (1U) in the test harness U to connector (AB17).			
	7) Measure the resistance between connector			
	(3U) in the test harness U and connector (2N)			
	in the test harness N.			
	Connector & terminal			
	(3U) No. 13 — (2N) No. 1:			
	(3U) No. 11 — (2N) No. 2:			
4	CHECK AIRBAG REAR HARNESS (PRE-	Is the resistance more than 1	Go to step 5.	Replace the airbag
	TENSIONER HARNESS LH).	ΜΩ?		rear harness along
	Measure the resistance between connector			with body harness.
	(3U) terminals in the test harness U.			
	Connector & terminal			
5	(3U) No. 11 — (3U) No. 13: CHECK AIRBAG REAR HARNESS (PRE-	Is the resistance more than 1	Go to step 6.	Replace the airbag
	TENSIONER HARNESS LH).	$M\Omega$?	αο το στ ο ρ ο .	rear harness along
	Measure the resistance between connector			with body harness.
	(3U) in the test harness U and chassis ground.			
	Connector & terminal			
	(3U) No. 11 — Chassis ground:			
	(3Ú) No. 13 — Chassis ground:			
6	CHECK AIRBAG CONTROL MODULE.	Is the same DTC displayed?	Replace the airbag	Go to step 7.
	Connect all the connectors.		control module.	
	2) Erase the memory.		<ref. ab-23,<="" td="" to=""><td></td></ref.>	
	3) Perform the Inspection Mode.		Airbag Control	
	4) Read the DTC.		Module.>	

	Step	Check	Yes	No
7	CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using	Finish the diagno-
			"List of Diagnostic	sis.
			Trouble Code	
			(DTC)". <ref. th="" to<=""><th></th></ref.>	
			AB(diag)-43, List	
			of Diagnostic Trou-	
			ble Code (DTC).>	

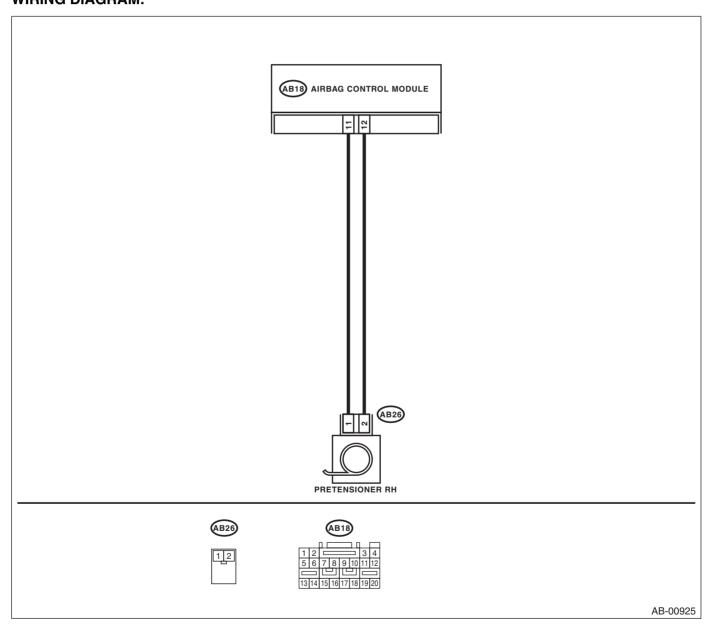
AM:DTC 65 BELT PRETENSIONER RH FAILURE

DTC DETECTING CONDITION:

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

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag rear harness, disconnect the side airbag module connector, curtain airbag module connector and seat belt pretensioner connector for safety reasons.

 WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT IN 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	the battery ground cable, and wait more than 20 seconds. 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) in the 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="">10, Front Seat Belt.></ref.>	Go to step 3.
3	CHECK AIRBAG REAR HARNESS (PRETENSIONER HARNESS RH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait more than 20 seconds. 2) Disconnect the airbag resistor from test harness. 3) Disconnect the connector (AB24) from side airbag module (RH). 4) Disconnect the connector (AB33) from curtain airbag module (RH). 5) Disconnect the connectors (AB17) and (AB18) from airbag control module. 6) Connect the connector (1U) in the test harness U to connector (AB18). 7) Connect the battery ground terminal and turn the ignition switch to ON. 8) Measure the voltage between connector (3U) in the test harness U and chassis ground. Connector & terminal (3U) No. 17 (+) — Chassis ground (-): (3U) 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 the connectors. 2) Erase the memory. 3) Perform the Inspection Mode. 4) Read the DTC.	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-23,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-43,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

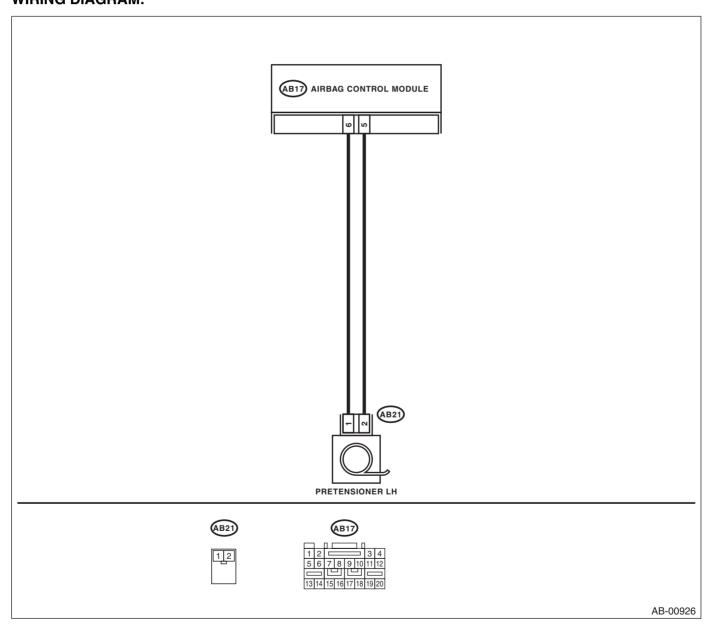
AN:DTC 66 BELT PRETENSIONER LH FAILURE

DTC DETECTING CONDITION:

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

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag rear harness, disconnect the side airbag module connector, curtain airbag module connector and seat belt pretensioner connector for safety reasons.

 WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT IN CONNECTORS.	Is there poor contact?	Replace the airbag	Go to step 2.
	Check for poor contact of the connectors		rear harness along	
	between the airbag control module and the		with body harness.	
	seat belt pretensioner LH.			
2	CHECK SEAT BELT PRETENSIONER.	Does the airbag warning light	Replace the seat	Go to step 3.
	1) Turn the ignition switch to OFF, disconnect	illuminate for six seconds and	belt pretensioner	
	the battery ground cable, and wait more than	go off?	(LH). <ref. sb-<="" td="" to=""><td></td></ref.>	
	20 seconds.		10, Front Seat	
	2) Disconnect the connector (AB21) from seat		Belt.>	
	belt pretensioner (LH).			
	3) Connect the connector (1N) in the test har-			
	ness N to the connector (AB21). 4) Connect the airbag resistor to the connec-			
	tor (2N) in the test harness N.			
	5) Connect the battery ground terminal and			
	turn the ignition switch to ON.			
3	CHECK AIRBAG REAR HARNESS (PRE-	Is the voltage less than 1 V?	Go to step 4.	Replace the airbag
	TENSIONER HARNESS LH).			rear harness along
	1) Turn the ignition switch to OFF, disconnect			with body harness.
	the battery ground cable, and wait more than			
	20 seconds.			
	Disconnect the airbag resistor from test			
	harness.			
	3) Disconnect the connector (AB19) from side			
	airbag module (LH).			
	4) Disconnect the connector (AB31) from cur-			
	tain airbag module (LH).			
	5) Disconnect the connectors (AB17) and			
	(AB18) from airbag control module.6) Connect the connector (1U) in the test har-			
	ness U to connector (AB17).			
	7) Connect the battery ground terminal and			
	turn the ignition switch to ON.			
	8) Measure the voltage between connector			
	(3U) in the test harness U and chassis ground.			
	Connector & terminal			
	(3U) No. 11 (+) — Chassis ground (–):			
	(3U) No. 13 (+) — Chassis ground (−):			
4	CHECK AIRBAG CONTROL MODULE.	Is the same DTC displayed?	Replace the airbag	Go to step 5.
	Connect all the connectors.		control module.	
	Erase the memory. Parform the Improstion Made		<ref. ab-23,<="" td="" to=""><td></td></ref.>	
	Perform the Inspection Mode. Pend the DTC.		Airbag Control	
_	4) Read the DTC. CHECK ANY OTHER DTC ON DISPLAY.	lo any other DTC displayed?	Module.>	Einigh the diagra
5	CHECK ANT OTHER DIC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic	Finish the diagnosis.
			Trouble Code	313.
			(DTC)". <ref. td="" to<=""><td></td></ref.>	
			AB(diag)-43, List	
			of Diagnostic Trou-	
			ble Code (DTC).>	

AO:DTC 71 DRIVER'S AIRBAG FAILURE

DTC DETECTING CONDITION:

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

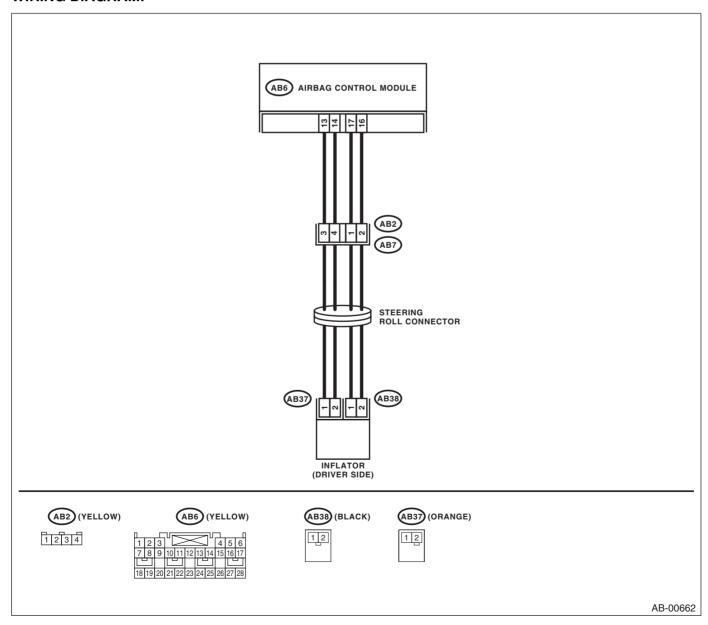
CAUTION:

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag main harness, disconnect the airbag module connectors and seat belt pretensioners of the driver's and passenger's seats for safety reasons.

NOTE

Prior to starting work, prepare two airbag resistors (98299PA040).

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT IN CONNECTORS.		Replace the airbag	
	Check for poor contact of the connectors	le triere peer contact.	main harness	G0 10 010P 2 .
	between the airbag control module and the		along with body	
	driver's airbag module.		harness.	
2	CHECK DRIVER'S AIRBAG MODULE.	Does the airbag warning light	Replace the	Go to step 3.
-	Turn the ignition switch to OFF, disconnect	illuminate for six seconds and	driver's airbag	Go to stop o .
	the battery ground cable, and wait more than	go off?	module. <ref. th="" to<=""><th></th></ref.>	
	20 seconds.	90 0	AB-17, Driver's	
	Remove the driver's airbag module.		Airbag Module.>	
	3) Connect the connector (1N) in the test har-		/ lirbag Modalo.>	
	ness N to the connector (AB38).			
	4) Connect the airbag resistor to the connec-			
	tor (2N) in the test harness N.			
	5) Connect the connector (1Q) in the test har-			
	ness Q to connector (AB37).			
	6) Connect the airbag resistor to the connec-			
	tor (2Q) in the test harness Q.			
	7) Connect the battery ground terminal and			
	turn the ignition switch to ON.			
3	CHECK ROLL CONNECTOR.	Does the airbag warning light	Replace the roll	Go to step 4.
	Turn the ignition switch to OFF, disconnect	illuminate for six seconds and	connector. <ref. th="" to<=""><th>33 to 5top 4.</th></ref.>	33 to 5top 4.
	the battery ground cable, and wait more than	go off?	AB-26, Roll Con-	
	20 seconds.	3- 5	nector.>	
	Disconnect the test harness N from con-		illottoi.>	
	nector (AB38).			
	Disconnect the test harness Q from con-			
	nector (AB37).			
	Remove the instrument panel lower cover			
	and disconnect the connector (AB7) from			
	(AB2).			
	5) Connect the connector (1P) in the test har-			
	ness P to connector (AB2).			
	6) Connect the airbag resistor to the connec-			
	tors (2P) and (3P) in the test harness P.			
	7) Connect the battery ground terminal and			
	turn the ignition switch to ON.			
4	CHECK AIRBAG MAIN HARNESS (DRIV-	Is the resistance less than 10	Go to step 5.	Replace the airbag
	ER'S AIRBAG HARNESS).	Ω ?	r -	main harness
	1) Turn the ignition switch to OFF, disconnect			along with body
	the battery ground cable, and wait more than			harness.
	20 seconds.			
	2) Disconnect the airbag resistor from the			
	connectors (2P) and (3P) in the test harness P.			
	3) Remove the passenger's side instrument			
	panel side cover, and disconnect the connec-			
	tors (AB10) and (AB9).			
	4) Disconnect the connector (AB6) from air-			
	bag control module, and connect the connector			
	(1U) in the test harness U.			
	5) Measure the resistance between connector			
	(2U) in the test harness U and connectors (2P)			
	and (3P) in the test harness P.			
	Connector & terminal			
	(2U) No. 2 — (2P) No. 1:			
	(2U) No. 4 — (2P) No. 2:			
	(2U) No. 8 — (3P) No. 3:			
	(2U) No. 12 — (3P) No. 4:			

	Step	Check	Yes	No
5	CHECK AIRBAG MAIN HARNESS (DRIVER'S AIRBAG HARNESS). Measure the resistance between connectors (2U) in the test harness U, and between connector (2U) and chassis ground. Connector & terminal (2U) No. 2 — (2U) No. 4: (2U) No. 4 — Chassis ground: (2U) No. 2 — Chassis ground: (2U) No. 8 — (2U) No. 12: (2U) No. 8 — Chassis ground: (2U) No. 12 — Chassis ground:	Is the resistance more than 1 M Ω ?	Go to step 6.	Replace the airbag main harness along with body harness.
6	CHECK AIRBAG CONTROL MODULE.1) Connect all the connectors.2) Erase the memory.3) Perform the Inspection Mode.4) Read the DTC.	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-23,<br="" to="">Airbag Control Module.></ref.>	Go to step 7.
7	CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-43,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

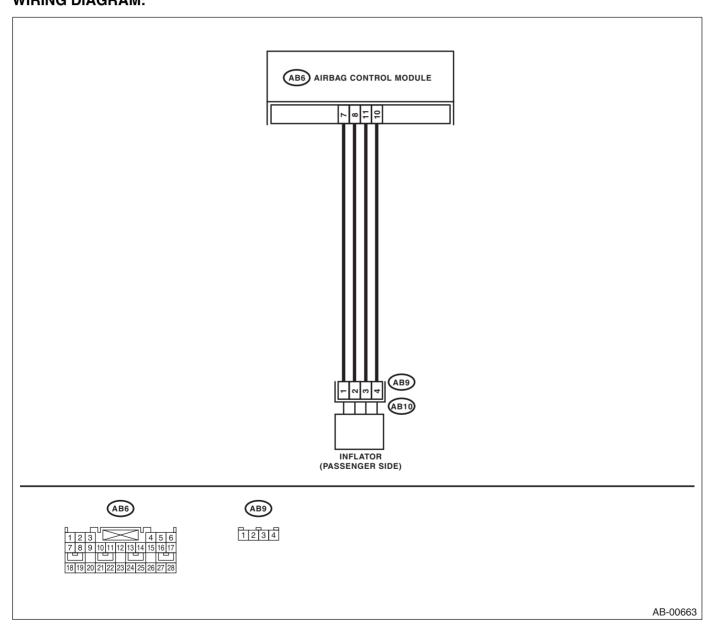
AP:DTC 72 PASSENGER'S AIRBAG FAILURE

DTC DETECTING CONDITION:

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

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag main harness, disconnect the airbag module connectors and seat belt pretensioners of the driver's and passenger's seats for safety reasons.

 WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT IN CONNECTORS.		Replace the airbag	Go to step 2.
	Check for poor contact of the connectors	·	main harness	'
	between the airbag control module and the		along with body	
	passenger's airbag module.		harness.	
2	CHECK PASSENGER'S AIRBAG MODULE.	Does the airbag warning light	Replace the pas-	Go to step 3.
	 Turn the ignition switch to OFF, disconnect 	illuminate for six seconds and	senger's airbag	
	the battery ground cable, and wait more than	go off?	module. <ref. td="" to<=""><td></td></ref.>	
	20 seconds.		AB-18, Passen-	
	2) Remove the instrument panel side cover on		ger's Airbag Mod-	
	the passenger's side.		ule.>	
	 Disconnect the connector (AB10) from (AB9). 			
	4) Connect the connector (1P) in the test har-			
	ness P to connector (AB9).			
	5) Connect the airbag resistor to the connec-			
	tors (2P) and (3P) in the test harness P.			
	6) Connect the battery ground terminal and			
	turn the ignition switch to ON.			
3	CHECK AIRBAG MAIN HARNESS (PASSEN-		Go to step 4.	Replace the airbag
	GER'S AIRBAG HARNESS).	Ω?		main harness
	1) Turn the ignition switch to OFF, disconnect			along with body
	the battery ground cable, and wait more than			harness.
	20 seconds.			
	Disconnect the airbag resistor from the connectors (2P) and (3P) in the test harness P.			
	3) Remove the instrument panel lower cover			
	and disconnect the connector (AB7) from			
	(AB2).			
	4) Disconnect the connector (AB6) from air-			
	bag control module, and connect the connector			
	(1U) in the test harness U.			
	5) Measure the resistance between connector			
	(2U) in the test harness U and connectors (2P)			
	and (3P) in the test harness P.			
	Connector & terminal (2U) No. 3 — (2P) No. 1:			
	(2U) No. 5 — (2P) No. 2:			
	(2U) No. 9 — (3P) No. 3:			
	(2U) No. 13 — (3P) No. 4:			
4	CHECK AIRBAG MAIN HARNESS (PASSEN-	Is the resistance more than 1	Go to step 5.	Replace the airbag
	GER'S AIRBAG HARNESS).	ΜΩ?		main harness
	Measure the resistance between connectors			along with body
	(2U) in the test harness U, and between con-			harness.
	nector (2U) and chassis ground.			
	Connector & terminal			
	(2U) No. 3 — (2U) No. 5:			
	(2U) No. 3 — Chassis ground: (2U) No. 5 — Chassis ground:			
	(2U) No. 9 — Chassis ground: (2U) No. 9 — (2U) No. 13:			
	(2U) No. 9 — (20) No. 13. (2U) No. 9 — Chassis ground:			
	(2U) No. 13 — Chassis ground:			
5	CHECK AIRBAG CONTROL MODULE.	Is the same DTC displayed?	Replace the airbag	Go to step 6.
_	Connect all the connectors.		control module.	
	2) Erase the memory.		<ref. ab-23,<="" td="" to=""><td></td></ref.>	
	3) Perform the Inspection Mode.		Airbag Control	
	4) Read the DTC.		Module.>	

	Step	Check	Yes	No
6	CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using	Finish the diagno-
			"List of Diagnostic	sis.
			Trouble Code	
			(DTC)". <ref. th="" to<=""><th></th></ref.>	
			AB(diag)-43, List	
			of Diagnostic Trou-	
			ble Code (DTC).>	

AQ:DTC 75 DRIVER'S AIRBAG FAILURE

DTC DETECTING CONDITION:

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

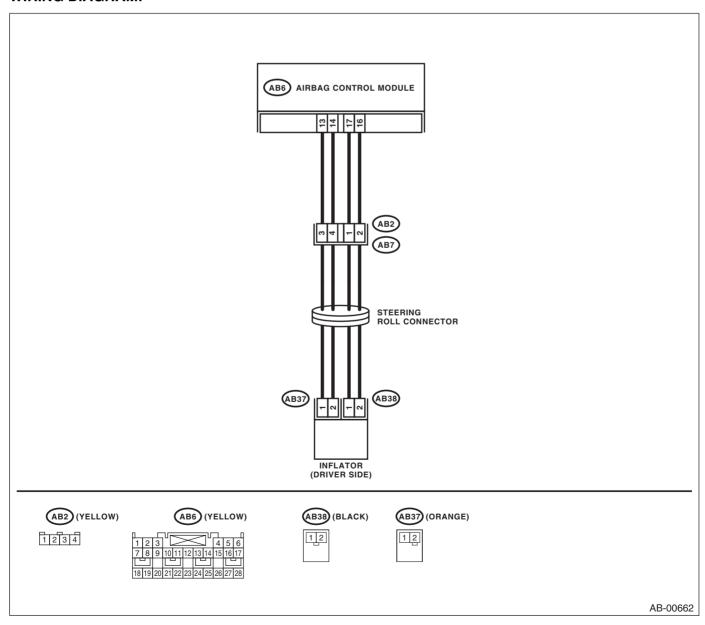
CAUTION:

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag main harness, disconnect the airbag module connectors and seat belt pretensioners of the driver's and passenger's seats for safety reasons.

NOTE:

Prior to starting work, prepare two airbag resistors (98299PA040).

WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT IN CONNECTORS.		Replace the airbag	-
	Check for poor contact of the connectors	le alere peer comact.	main harness	Go to otop =:
	between the airbag control module and the		along with body	
	driver's airbag module.		harness.	
2	CHECK DRIVER'S AIRBAG MODULE.	Does the airbag warning light	Replace the	Go to step 3.
<u> </u>		illuminate for six seconds and	driver's airbag	Go to otop G.
	the battery ground cable, and wait more than	go off?	module. <ref. th="" to<=""><th></th></ref.>	
	20 seconds.	3	AB-17, Driver's	
	2) Remove the driver's airbag module.		Airbag Module.>	
	3) Connect the connector (AB38) to the con-		J	
	nector (1N) in the test harness N.			
	4) Connect the airbag resistor to the connec-			
	tor (2N) in the test harness N.			
	5) Connect the connector (1Q) in the test har-			
	ness Q to connector (AB37).			
	6) Connect the airbag resistor to the connec-			
	tor (2Q) in the test harness Q.			
	7) Connect the battery ground terminal and			
	turn the ignition switch to ON.			
3	CHECK ROLL CONNECTOR.	Does the airbag warning light	Replace the roll	Go to step 4.
	1) Turn the ignition switch to OFF, disconnect	illuminate for six seconds and	connector. <ref. th="" to<=""><th></th></ref.>	
	the battery ground cable, and wait more than	go off?	AB-26, Roll Con-	
	20 seconds.		nector.>	
	2) Disconnect the test harness N from con-			
	nector (AB38).			
	3) Disconnect the test harness Q from con-			
	nector (AB37).			
	4) Remove the instrument panel lower cover			
	and disconnect the connector (AB7) from			
	(AB2).			
	5) Connect the connector (1P) in the test har-			
	ness P to connector (AB2).			
	6) Connect the airbag resistor to the connectors (2P) and (3P) in the test harness P.			
	7) Connect the battery ground terminal and			
	turn the ignition switch to ON.			
4	CHECK AIRBAG MAIN HARNESS (DRIV-	Is the voltage less than 1 V?	Go to step 5.	Replace the airbag
	ER'S AIRBAG HARNESS).	lis the voltage less than 1 v :	00 to step 3 .	main harness
	Turn the ignition switch to OFF, disconnect			along with body
	the battery ground cable, and wait more than			harness.
	20 seconds.			
	Disconnect the airbag resistor from the			
	connectors (2P) and (3P) in the test harness P.			
	3) Remove the passenger's side instrument			
	panel side cover, and disconnect the connec-			
	tors (AB10) and (AB9).			
	4) Disconnect the connector (AB6) from air-			
	bag control module, and connect the connector			
	(1U) in the test harness U.			
	5) Connect the battery ground terminal and			
	turn the ignition switch to ON. (engine OFF)			
	6) Measure the voltage between connector			
	(2U) in the test harness U and chassis ground.			
	Connector & terminal			
	(2U) No. 4 (+) — Chassis ground (−):			
	(2U) No. 2 (+) — Chassis ground (–):			
	(2U) No. 8 (+) — Chassis ground (–):			
	(2U) No. 12 (+) — Chassis ground (−):			

	Step	Check	Yes	No
5	 CHECK AIRBAG CONTROL MODULE. Connect all the connectors. Erase the memory. Perform the Inspection Mode. Read the DTC. 	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-23,<br="" to="">Airbag Control Module.></ref.>	Go to step 6.
6	CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">AB(diag)-43, List of Diagnostic Trou- ble Code (DTC).></ref.>	

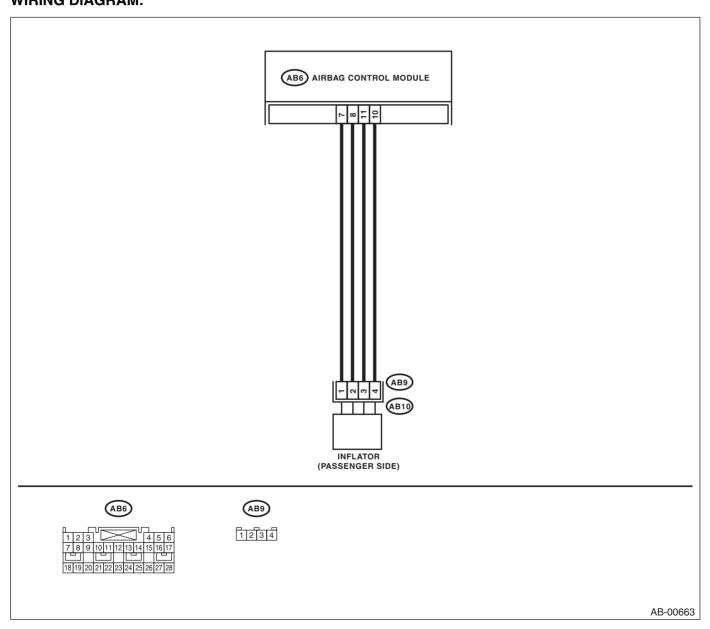
AR:DTC 76 PASSENGER'S AIRBAG FAILURE

DTC DETECTING CONDITION:

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

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag main harness, disconnect the airbag module connectors and seat belt pretensioners of the driver's and passenger's seats for safety reasons.

 WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT IN CONNECTORS.	Is there poor contact?	Replace the airbag	Go to step 2.
	Check for poor contact of the connectors		main harness	
	between the airbag control module and the		along with body	
	passenger's airbag module.		harness.	
2		Does the airbag warning light	Replace the pas-	Go to step 3.
	,	illuminate for six seconds and	senger's airbag	
	the battery ground cable, and wait more than	go off?	module. <ref. td="" to<=""><td></td></ref.>	
	20 seconds.		AB-18, Passen-	
	2) Remove the instrument panel side cover on		ger's Airbag Mod- ule.>	
	the passenger's side. 3) Disconnect the connector (AB10) from		ule.>	
	(AB9).			
	4) Connect the connector (1P) in the test har-			
	ness P to connector (AB9).			
	5) Connect the airbag resistor to the connec-			
	tors (2P) and (3P) in the test harness P.			
	6) Connect the battery ground terminal and			
	turn the ignition switch to ON.			
3	CHECK AIRBAG MAIN HARNESS (PASSEN-	Is the voltage less than 1 V?	Go to step 4.	Replace the airbag
	GER'S AIRBAG HARNESS).			main harness
	 Turn the ignition switch to OFF, disconnect 			along with body
	the battery ground cable, and wait more than			harness.
	20 seconds.			
	2) Disconnect the airbag resistor from the			
	connectors (2P) and (3P) in the test harness P.			
	 Remove the instrument panel lower cover and disconnect the connector (AB7) from 			
	(AB2).			
	4) Disconnect the connector (AB6) from air-			
	bag control module, and connect the connector			
	(1U) in the test harness U.			
	5) Measure the voltage between connector			
	(2U) in the test harness U and chassis ground.			
	Connector & terminal			
	(2U) No. 3 (+) — Chassis ground (–):			
	(2U) No. 5 (+) — Chassis ground (–):			
	(2U) No. 9 (+) — Chassis ground (-):			
	(2U) No. 13 (+) — Chassis ground (-):	DT0 ::	D	0
4	CHECK AIRBAG CONTROL MODULE.	Is the same DTC displayed?	Replace the airbag	Go to step 5.
	 Connect all the connectors. Erase the memory. 		control module. <ref. ab-23,<="" td="" to=""><td></td></ref.>	
	2) Erase the memory.3) Perform the Inspection Mode.		Airbag Control	
	4) Read the DTC.		Module.>	
5	CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?		Finish the diagno-
ا	CHECK ART OTHER DIO OR DIOI EAT.	lo arry out of DTO displayed!		sis.
			Trouble Code	
			(DTC)". <ref. td="" to<=""><td></td></ref.>	
			AB(diag)-43, List	
			of Diagnostic Trou-	
			ble Code (DTC).>	

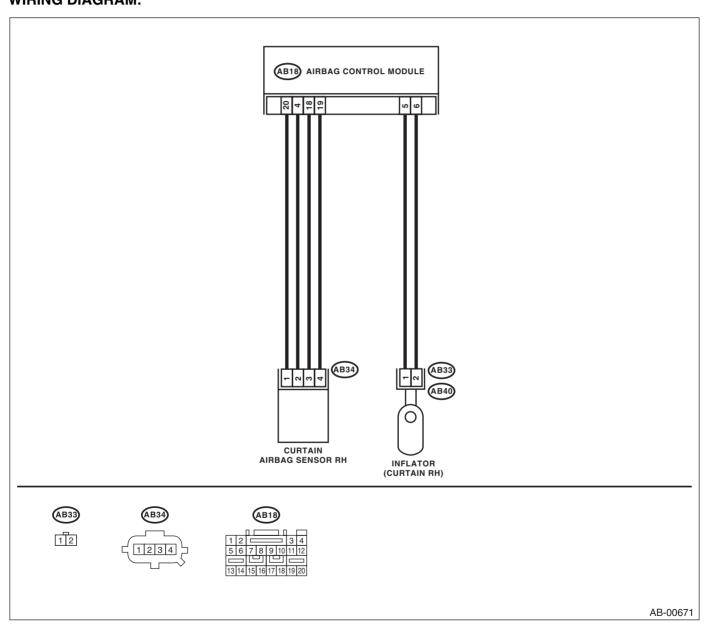
AS:DTC 91 CURTAIN AIRBAG MODULE RH FAILURE

DTC DETECTING CONDITION:

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

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag rear harness, disconnect the side airbag module connector, curtain airbag module connector and seat belt pretensioner connector for safety reasons.

 WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT IN CONNECTORS.		Replace the airbag	
'	Check for poor contact of the connectors	le more poor contact.	rear harness along	do to stop 2.
	between the airbag control module, curtain air-		with body harness.	
	bag module RH and the curtain airbag sensor			
	RH.			
2	CHECK CURTAIN AIRBAG MODULE.	Does the airbag warning light	Replace the cur-	Go to step 3.
	1) Turn the ignition switch to OFF, disconnect	illuminate for six seconds and	tain airbag mod-	
	the battery ground cable, and wait more than	go off?	ule (RH). <ref. th="" to<=""><th></th></ref.>	
	20 seconds.		AB-21, Curtain Air-	
	2) Disconnect the connector (AB33) from		bag Module.>	
	(AB40), and connect the connector (1F) in test			
	harness F to connector (AB33).			
	3) Connect the airbag resistor to the connec-			
	tor (3F) of test harness F.			
	4) Connect the battery ground terminal and			
2	turn the ignition switch to ON.	le the registeres less than 10	Co to stop 4	Replace the airbag
3	CHECK AIRBAG REAR HARNESS (CURTAIN AIRBAG MODULE HARNESS RH).	Is the resistance less than 10 Ω ?	Go to step 4.	rear harness along
	Turn the ignition switch to OFF, disconnect			with body harness.
	the battery ground cable, and wait more than			23aj marmood.
	20 seconds.			
	2) Disconnect the connector (AB26) from seat			
	belt pretensioner (RH).			
	3) Disconnect the connector (AB24) from side			
	airbag module (RH).			
	4) Disconnect the airbag resistor from test			
	harness F.			
	5) Disconnect the connector (AB18) from air-			
	bag control module.			
	6) Connect the connector (1U) in the test har-			
	ness U to connector (AB18). 7) Measure the resistance between connector			
	(5U) in the test harness U and connector (3F)			
	in the test harness F.			
	Connector & terminal			
	(5U) No. 6 — (3F) No. 4:			
	(5U) No. 8 — (3F) No. 3:			
4	CHECK AIRBAG REAR HARNESS (CUR-	Is the resistance more than 1	Go to step 5.	Replace the airbag
	TAIN AIRBAG MODULE HARNESS RH).	ΜΩ?		rear harness along
	Measure the resistance between connector			with body harness.
	(5U) terminals in the test harness U.			
	Connector & terminal			
_	(5U) No. 6 — (5U) No. 8:	lo the registeres was at the set	Co to ctor C	Donlogo the and the
5	CHECK AIRBAG REAR HARNESS (CURTAIN AIRBAG MODULE HARNESS RH).	Is the resistance more than 1 $M\Omega$?	Go to step 6.	Replace the airbag
	Measure the resistance between connector	IVI2 2 :		rear harness along with body harness.
	(5U) in the test harness U and chassis ground.			with body halfless.
	Connector & terminal			
	(5U) No. 6 — Chassis ground:			
	(5U) No. 8 — Chassis ground:			
6	CHECK AIRBAG CONTROL MODULE.	Is the same DTC displayed?	Replace the airbag	Go to step 7.
	1) Connect all the connectors.		control module.	•
	2) Erase the memory.		<ref. ab-23,<="" th="" to=""><th></th></ref.>	
	3) Perform the Inspection Mode.		Airbag Control	
	4) Read the DTC.		Module.>	

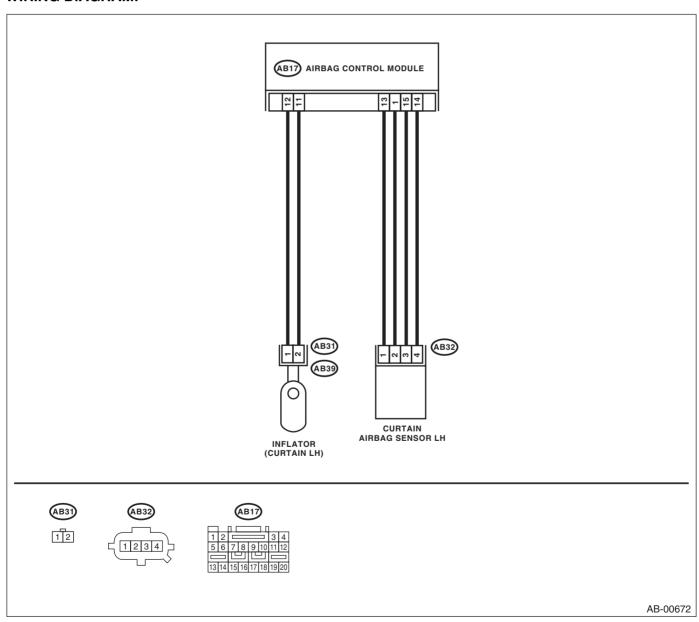
	Step	Check	Yes	No
7	CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using	Finish the diagno-
			"List of Diagnostic	sis.
			Trouble Code	
			(DTC)". <ref. th="" to<=""><th></th></ref.>	
			AB(diag)-43, List	
			of Diagnostic Trou-	
			ble Code (DTC).>	

AT:DTC 92 CURTAIN AIRBAG MODULE LH FAILURE

DTC DETECTING CONDITION:

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

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag main harness, disconnect the airbag module connectors of the driver's and passenger's seats for safety.
- When inspecting the airbag rear harness, disconnect the side airbag module connector, curtain airbag module connector and seat belt pretensioner connector for safety reasons.
 WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT IN CONNECTORS.		Replace the airbag	-
'	Check for poor contact of the connectors	le trore poor contact.	rear harness along	do to stop 2.
	between the airbag control module, curtain air-		with body harness.	
	bag module LH and the curtain airbag sensor		I I I I I I I I I I I I I I I I I I I	
	LH.			
2	CHECK CURTAIN AIRBAG MODULE.	Does the airbag warning light	Replace the cur-	Go to step 3.
	1) Turn the ignition switch to OFF, disconnect	illuminate for six seconds and	tain airbag mod-	
	the battery ground cable, and wait more than	go off?	ule (LH). <ref. th="" to<=""><th></th></ref.>	
	20 seconds.		AB-21, Curtain Air-	
	2) Disconnect the connector (AB31) from		bag Module.>	
	(AB39), and connect the connector (1F) in test			
	harness F to connector (AB31).			
	3) Connect the airbag resistor to the connec-			
	tor (3F) of test harness F.			
	4) Connect the battery ground terminal and			
2	turn the ignition switch to ON.	le the registeres less than 10	Co to stop 4	Danlaga the sirbag
3	CHECK AIRBAG REAR HARNESS (CURTAIN AIRBAG MODULE HARNESS LH).	Is the resistance less than 10 Ω ?	Go to step 4.	Replace the airbag rear harness along
	Turn the ignition switch to OFF, disconnect	22 :		with body harness.
	the battery ground cable, and wait more than			body namics.
	20 seconds.			
	Disconnect the connector (AB21) from seat			
	belt pretensioner (LH).			
	3) Disconnect the connector (AB19) from side			
	airbag module (LH).			
	4) Disconnect the airbag resistor from test			
	harness F.			
	5) Disconnect the connector (AB17) from air-			
	bag control module.			
	6) Connect the connector (1U) in the test har-			
	ness U to connector (AB17).			
	7) Measure the resistance between connector (5U) in the test harness U and connector (3F)			
	in the test harness F.			
	Connector & terminal			
	(5U) No. 1 — (3F) No. 3:			
	(5U) No. 3 — (3F) No. 4:			
4	CHECK AIRBAG REAR HARNESS (CUR-	Is the resistance more than 1	Go to step 5.	Replace the airbag
	TAIN AIRBAG MODULE HARNESS LH).	ΜΩ?		rear harness along
	Measure the resistance between connector			with body harness.
	(5U) terminals in the test harness U.			
	Connector & terminal			
	(5U) No. 1 — (5U) No. 3:			
5	CHECK AIRBAG REAR HARNESS (CUR-	Is the resistance more than 1	Go to step 6.	Replace the airbag
	TAIN AIRBAG MODULE HARNESS LH).	$M\Omega$?		rear harness along
	Measure the resistance between connector (5U) in the test harness U and chassis ground.			with body harness.
	Connector & terminal			
	(5U) No. 1 — Chassis ground:			
	(50) No. 3 — Chassis ground:			
6	CHECK AIRBAG CONTROL MODULE.	Is the same DTC displayed?	Replace the airbag	Go to step 7.
_	Connect all the connectors.		control module.	
	2) Erase the memory.		<ref. ab-23,<="" th="" to=""><th></th></ref.>	
	3) Perform the Inspection Mode.		Airbag Control	
	4) Read the DTC.		Module.>	
	,		1 ***	l

	Step	Check	Yes	No
7	CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using	Finish the diagno-
			"List of Diagnostic	sis.
			Trouble Code	
			(DTC)". <ref. th="" to<=""><th></th></ref.>	
			AB(diag)-43, List	
			of Diagnostic Trou-	
			ble Code (DTC).>	

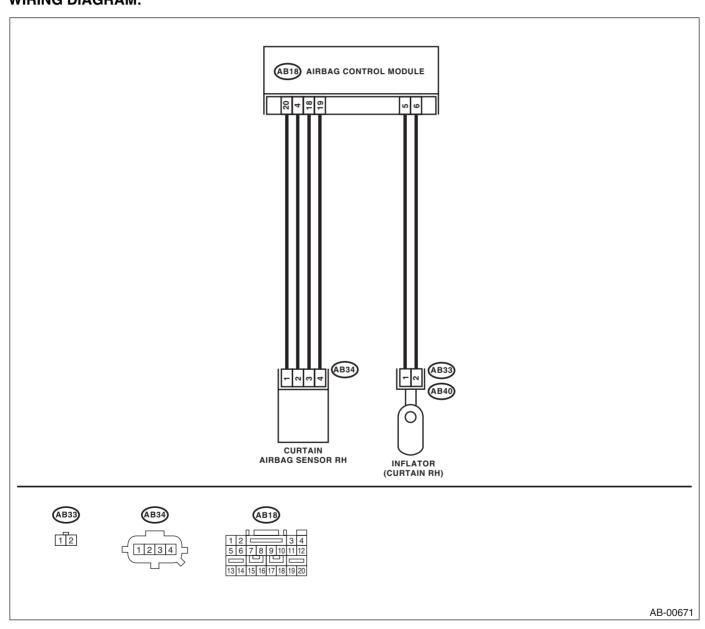
AU:DTC 95 CURTAIN AIRBAG MODULE RH FAILURE

DTC DETECTING CONDITION:

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

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag main harness, disconnect the airbag module connectors of the driver's and passenger's seats for safety.
- When inspecting the airbag rear harness, disconnect the side airbag module connector, curtain airbag module connector and seat belt pretensioner connector for safety reasons.

 WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT IN 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?	rear harness along with body harness.	Go to step 2.
2	the battery ground cable, and wait more than 20 seconds. 2) Disconnect the connector (AB33) from (AB40), and connect the connector (1F) in test harness F to connector (AB33). 3) Connect the airbag resistor to the connector (3F) of test harness F. 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-21,="" airbag="" curtain="" module.="" to=""></ref.>	Go to step 3.
3	CHECK AIRBAG REAR HARNESS (CURTAIN AIRBAG MODULE HARNESS RH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait more than 20 seconds. 2) Disconnect the connector (AB26) from seat belt pretensioner (RH). 3) Disconnect the connector (AB24) from side airbag module (RH). 4) Disconnect the airbag resistor from test harness F. 5) Disconnect the connector (AB18) from airbag control module. 6) Connect the connector (1U) in the test harness U to connector (AB18). 7) Connect the battery ground terminal and turn the ignition switch to ON. 8) Measure the voltage between connector (5U) in the test harness U and chassis ground. Connector & terminal (5U) No. 6 (+) — Chassis ground (-): (5U) No. 8 (+) — 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 the connectors. 2) Erase the memory. 3) Perform the Inspection Mode. 4) Read the DTC.	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-23,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?		Finish the diagnosis.

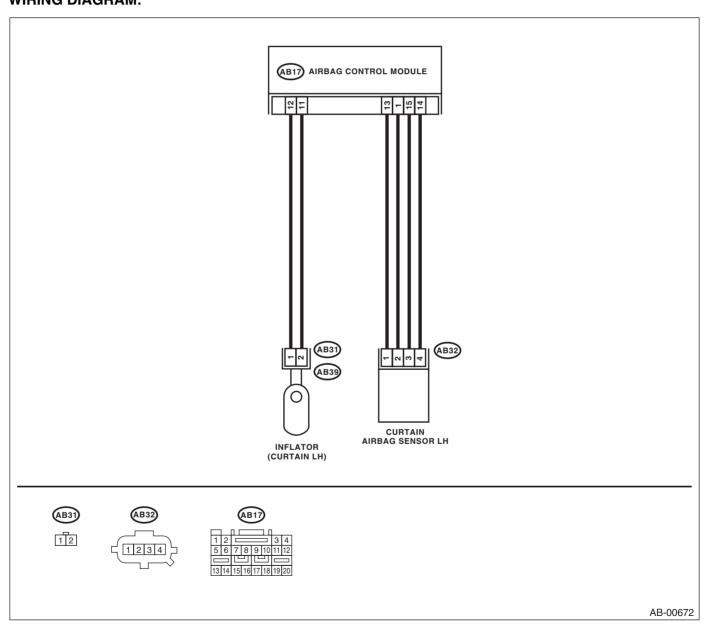
AV:DTC 96 CURTAIN AIRBAG MODULE LH FAILURE

DTC DETECTING CONDITION:

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

- Before diagnosing the airbag system, be sure to turn the ignition switch to OFF, disconnect the ground terminal from battery, and wait more than 20 seconds before starting to work.
- When replacing the airbag module, seat belt pretensioner, roll connector, control module and sensor, reconnect each part and check that the warning light operates properly.
- When inspecting the airbag main harness, disconnect the airbag module connectors of the driver's and passenger's seats for safety.
- When inspecting the airbag rear harness, disconnect the side airbag module connector, curtain airbag module connector and seat belt pretensioner connector for safety reasons.

 WIRING DIAGRAM:



	Step	Check	Yes	No
1	CHECK POOR CONTACT IN 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	the battery ground cable, and wait more than 20 seconds. 2) Disconnect the connector (AB31) from (AB39), and connect the connector (1F) in test harness F to connector (AB31). 3) Connect the airbag resistor to the connector (3F) of test harness F. 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-21,="" airbag="" curtain="" module.="" to=""></ref.>	Go to step 3.
3	CHECK AIRBAG REAR HARNESS (CURTAIN AIRBAG MODULE HARNESS LH). 1) Turn the ignition switch to OFF, disconnect the battery ground cable, and wait more than 20 seconds. 2) Disconnect the connector (AB21) from seat belt pretensioner (LH). 3) Disconnect the connector (AB19) from side airbag module (LH). 4) Disconnect the airbag resistor from test harness F. 5) Disconnect the connector (AB17) from airbag control module. 6) Connect the connector (1U) in the test harness U to connector (AB17). 7) Connect the battery ground terminal and turn the ignition switch to ON. 8) Measure the voltage between connector (5U) in the test harness U and chassis ground. Connector & terminal (5U) No. 1 (+) — Chassis ground (-): (5U) No. 3 (+) — 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 the connectors. 2) Erase the memory. 3) Perform the Inspection Mode. 4) Read the DTC.	Is the same DTC displayed?	Replace the airbag control module. <ref. ab-23,<br="" to="">Airbag Control Module.></ref.>	Go to step 5.
5	CHECK ANY OTHER DTC ON DISPLAY.	Is any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" ab(diag)-43,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Finish the diagnosis.

OCCUPANT DETECTION SYSTEM (DIAGNOSTICS)

OD(diag)

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