ABS (DIAGNOSTICS)

12. Diagnostic Procedure with Diagnostic Trouble Code (DTC)

A: DTC C0101 ABS WHEEL SPEED SENSOR MALFUNCTION RR SENSOR (BROKEN WIRE, INPUT VOLTAGE TOO HIGH)

NOTF:

Refer to DTC C0104 for diagnostic procedure. <Ref. to ABS(diag)-37, DTC C0104 ABS WHEEL SPEED SENSOR MALFUNCTION FL SENSOR (BROKEN WIRE, INPUT VOLTAGE TOO HIGH), Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

B: DTC C0102 ABS WHEEL SPEED SENSOR MALFUNCTION RL SENSOR (BROKEN WIRE, INPUT VOLTAGE TOO HIGH)

NOTE:

Refer to DTC C0104 for diagnostic procedure. <Ref. to ABS(diag)-37, DTC C0104 ABS WHEEL SPEED SENSOR MALFUNCTION FL SENSOR (BROKEN WIRE, INPUT VOLTAGE TOO HIGH), Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

C: DTC C0103 ABS WHEEL SPEED SENSOR MALFUNCTION FR SENSOR (BROKEN WIRE, INPUT VOLTAGE TOO HIGH)

NOTE:

Refer to DTC C0104 for diagnostic procedure. <Ref. to ABS(diag)-37, DTC C0104 ABS WHEEL SPEED SENSOR MALFUNCTION FL SENSOR (BROKEN WIRE, INPUT VOLTAGE TOO HIGH), Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

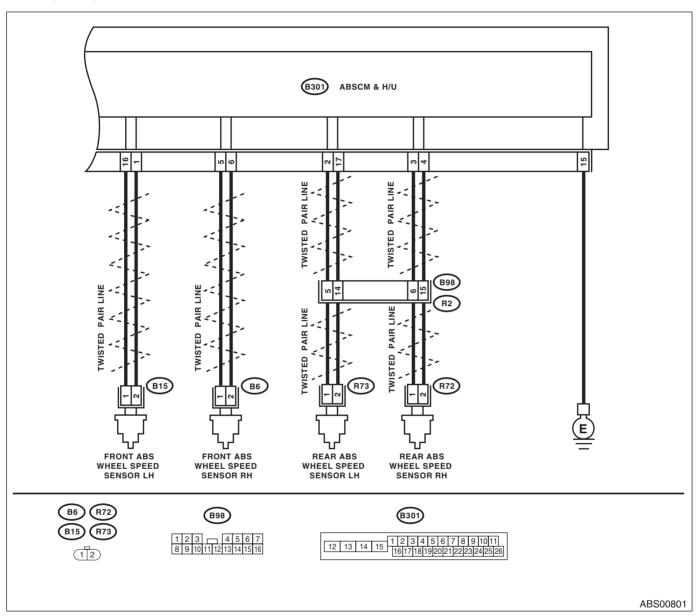
D: DTC C0104 ABS WHEEL SPEED SENSOR MALFUNCTION FL SENSOR (BROKEN WIRE, INPUT VOLTAGE TOO HIGH)

DTC DETECTING CONDITION:

- Defective ABS wheel speed sensor (broken wire, input voltage too high)
- Defective harness connector

Trouble Symptom:

ABS does not operate.



	Step	Check	Yes	No
1	CHECK POOR CONTACT IN CONNECTOR.	Is there poor contact?	Repair the con-	Go to step 2.
-	Check if there is poor contact between	lo triore poor contact.	nector.	GO TO GLOP 2.
	ABSCM&H/U and ABS wheel speed sensor.		11001011	
2	-	Is the resistance less than 0.5	Go to step 3.	Repair the har-
	ABSCM&H/U AND ABS WHEEL SPEED	Ω ?	Gio to otop oi	ness connector
	SENSOR.			between
	Disconnect the connector (B301) from the			ABSCM&H/U and
	ABSCM&H/U.			ABS wheel speed
	2) Disconnect the connector from the ABS			sensor.
	wheel speed sensor.			SCHSOL.
	Measure the resistance between			
	ABSCM&H/U connector and ABS wheel speed			
	sensor connector.			
	Connector & terminal			
	DTC C0101			
	(B301) No. 3 — (R72) No. 1:			
	(B301) No. 4 — (R72) No. 2:			
	DTC C0102			
	(B301) No. 2 — (R73) No. 1:			
	(B301) No. 17 — (R73) No. 2:			
	DTC C0103			
	(B301) No. 5 — (B6) No. 1:			
	(B301) No. 6 — (B6) No. 2:			
	DTC C0104			
	(B301) No. 16 — (B15) No. 1:			
	(B301) No. 1 — (B15) No. 2:			
3	CHECK GROUND SHORT OF HARNESS.	Is the resistance more than 1	Go to step 4.	Repair the har-
ľ	Measure the resistance between the	$M\Omega$?	GO TO GLOP 4.	ness connector
	ABSCM&H/U connector and chassis ground.			between
	Connector & terminal			ABSCM&H/U and
	DTC C0101			ABS wheel speed
	(B301) No. 4 — Chassis ground:			sensor.
	DTC C0102			0011001.
	(B301) No. 17 — Chassis ground:			
	DTC C0103			
	(B301) No. 6 — Chassis ground:			
	DTC C0104			
	(B301) No. 1 — Chassis ground:			
4	CHECK ABS WHEEL SPEED SENSOR POW-	Is the voltage 5 — 16 V?	Go to step 6.	Go to step 5.
-	ER SUPPLY CIRCUIT.	le tre verage e re v	Go to stop c .	Go to stop C.
	Connect ABSCM&H/U connector.			
	Turn the ignition switch to ON.			
	Measure the voltage between ABS wheel			
	speed sensor connector and chassis ground.			
	Connector & terminal			
	DTC C0101			
	(R72) No. 1 (+) — Chassis ground (–):			
	DTC C0102			
	(R73) No. 1 (+) — Chassis ground (–):			
	DTC C0103			
	(B6) No. 1 (+) — Chassis ground (–):			
	DTC C0104			
	(B15) No. 1 (+) — Chassis ground (–):			
	() (.) Unaccio givana ()i		1	I.

ABS (DIAGNOSTICS)

	Step	Check	Yes	No
5	CHECK THE ABSCM&H/U POWER SUPPLY CIRCUIT. 1) Turn the ignition switch to OFF. 2) Disconnect the ABSCM&H/U connectors. 3) Turn the ignition switch to ON. 4) Measure the voltage between ABSCM&H/U connector and chassis ground. Connector & terminal (B301) No. 18 (+) — (B301) No. 15 (-):	Is the voltage 10 — 15 V?	Go to step 6.	Check the generator, battery and ABSCM&H/U power supply circuit.
6	CHECK ABS WHEEL SPEED SENSOR SIGNAL. 1) Install the ABS wheel speed sensor. 2) Prepare an oscilloscope. 3) Check the ABS wheel speed sensor. <ref. abs="" abs-14,="" front="" inspection,="" sensor,="" sensor.="" speed="" to="" wheel=""></ref.>	Is the pattern the same wave- form as shown in the figure?	Go to step 7.	Replace the ABS wheel speed sensor.
7	CHECK ABSCM&H/U. 1) Connect all connectors. 2) Erase the memory. 3) Perform the Inspection Mode. <ref. abs(diag)-17,="" clear="" memory="" mode,="" monitor.="" operation,="" select="" subaru="" to=""> 4) Read the DTC.</ref.>	Is the same DTC displayed?	Replace the ABSCM only. <ref. (abscm&h="" abs="" abs-9,="" and="" control="" hydraulic="" module="" replacement,="" to="" u).="" unit=""></ref.>	Go to step 8.
8	CHECK ANY OTHER DTC ON DISPLAY.	Is there any other DTC displayed?	Perform the diagnosis according to DTC.	It results from a temporary noise interference.

E: DTC C0105 REAR ABS WHEEL SPEED SENSOR RH MALFUNCTION (ABS WHEEL SPEED SENSOR ABNORMAL SIGNAL)

NOTE

Refer to DTC C0108 for diagnostic procedure. <Ref. to ABS(diag)-40, DTC C0108 FRONT ABS WHEEL SPEED SENSOR LH MALFUNCTION (ABS WHEEL SPEED SENSOR ABNORMAL SIGNAL), Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

F: DTC C0106 REAR ABS WHEEL SPEED SENSOR LH MALFUNCTION (ABS WHEEL SPEED SENSOR ABNORMAL SIGNAL)

NOTE:

Refer to DTC C0108 for diagnostic procedure. <Ref. to ABS(diag)-40, DTC C0108 FRONT ABS WHEEL SPEED SENSOR LH MALFUNCTION (ABS WHEEL SPEED SENSOR ABNORMAL SIGNAL), Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

G: DTC C0107 FRONT ABS WHEEL SPEED SENSOR RH MALFUNCTION (ABS WHEEL SPEED SENSOR ABNORMAL SIGNAL)

NOTE:

Refer to DTC C0108 for diagnostic procedure. <Ref. to ABS(diag)-40, DTC C0108 FRONT ABS WHEEL SPEED SENSOR LH MALFUNCTION (ABS WHEEL SPEED SENSOR ABNORMAL SIGNAL), Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

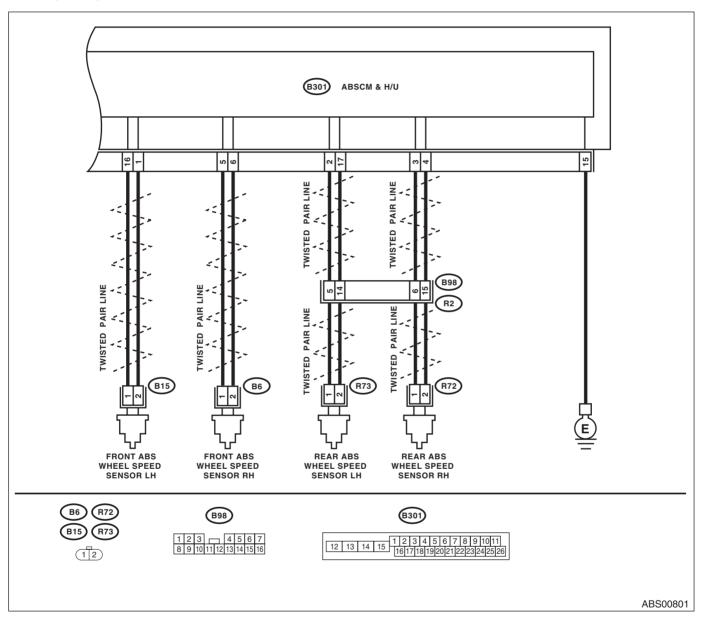
H: DTC C0108 FRONT ABS WHEEL SPEED SENSOR LH MALFUNCTION (ABS WHEEL SPEED SENSOR ABNORMAL SIGNAL)

DTC DETECTING CONDITION:

- Defective ABS wheel speed sensor signal (noise, abnormal signal, etc.)
- Defective harness connector

TROUBLE SYMPTOM:

ABS does not operate.



	Step	Check	Yes	No
1	CHECK OUTPUT OF ABS WHEEL SPEED	Does the speed indicated on	Go to step 2.	Go to step 7.
	SENSOR USING SUBARU SELECT MONI-	the display change in response		
	TOR.	to the speedometer reading		
	Select {Current Data Display & Save} in	during acceleration/decelera-		
	Subaru Select Monitor.	tion when the steering wheel is		
	2) Read the ABS wheel speed sensor output	in the straight-ahead position?		
	corresponding to the faulty wheel in Subaru			
	Select Monitor data display mode.	la di ana ana ana ana ana ana ana ana ana an	Daniel II	0-4
2	CHECK POOR CONTACT IN CONNECTOR.	Is there poor contact in con-	Repair the con-	Go to step 3.
	Turn the ignition switch to OFF.	nectors between ABSCM&H/U	nector.	
	OUEOK OALIOE OF GIONAL NOIDE	and ABS wheel speed sensor?	0-111	
3	CHECK CAUSE OF SIGNAL NOISE.	Are the radio wave devices and	Go to step 4.	Install the radio
	Make sure the radio wave devices and electric components car phone, radio, etc. are installed	electric components installed correctly?		wave devices and electric compo-
		correctly?		•
4	correctly.	Are poice econoca in the Health		nents properly.
4	CHECK CAUSE OF SIGNAL NOISE.	Are noise sources installed?	Install the noise	Go to step 5.
	Check if the noise sources (such as an antenna) are installed near the sensor har-		sources apart from sensor harness.	
	,		sensoi namess.	
_	ness. CHECK ABSCM&H/U.	lo the come DTC displayed?	Donloop the	Co to oton 6
5	1) Connect all connectors.	Is the same DTC displayed?	Replace the ABSCM only.	Go to step 6.
	Erase the memory.		<ref. abs-9,<="" td="" to=""><td></td></ref.>	
	Erase the memory. Perform the Inspection Mode. <ref. td="" to<=""><td></td><td>REPLACEMENT,</td><td></td></ref.>		REPLACEMENT,	
	ABS(diag)-17, CLEAR MEMORY MODE,		ABS Control Mod-	
	OPERATION, Subaru Select Monitor.>		ule and Hydraulic	
	4) Read the DTC.		Control Unit	
	T) TIGAU LITE DIO.		(ABSCM&H/U).>	
6	CHECK ANY OTHER DTC ON DISPLAY.	Is there any other DTC dis-	Perform the diag-	It results from a
ľ	CHECK ART CHIER DIO OR DIOFEAT.	played?	_	temporary noise
		piayou:	DTC.	interference.
7	CHECK INSTALLATION OF ABS WHEEL	Is the ABS wheel speed sen-	Go to step 8.	Tighten the ABS
1	SPEED SENSOR.	sor installation bolt tightened		wheel speed sen-
		7.5 N·m (0.76 kgf-m, 5.5 ft-lb)?		sor installation
		(2.1.2.1.3.1.1, 2.2.1.1.2).		bolts.
8	CHECK ABS WHEEL SPEED SENSOR SIG-	Does the oscilloscope indicate	Go to step 10.	Go to step 9.
	NAL.	the waveform pattern like	_	_
	 Install the ABS wheel speed sensor. 	shown in the figure when the		
	2) Prepare an oscilloscope.	tire is slowly turned? Does the		
	3) Check the ABS wheel speed sensor. <ref.< td=""><td>oscilloscope indication repeat</td><td></td><td></td></ref.<>	oscilloscope indication repeat		
	to ABS-14, ABS WHEEL SPEED SENSOR,	the waveform pattern like		
	INSPECTION, Front ABS Wheel Speed Sen-	shown in the figure when the		
	sor.>	tire is slowly turned in equal		
		speed for more one rotation?		
9	CHECK ABS WHEEL SPEED SENSOR OR	Are there foreign matter,	Remove dirt thor-	Go to step 10.
	MAGNETIC ENCODER.	breakage or damage at the tip	oughly. Also	
		of ABS wheel speed sensor or	replace the ABS	
		magnetic encoder?	wheel speed sen-	
			sor or magnetic	
			encoder as a unit	
			with hub unit bear-	
			ing if it is broken or	
40	OUTOK OALIOT OF SIGNAL VIOLE		damaged.	
10	CHECK CAUSE OF SIGNAL NOISE.	Are the radio wave devices and	Go to step 11.	Install the radio
	Make sure the radio wave devices and electric	electric components installed		wave devices and
	components car phone, radio, etc. are installed	correctly?		electric compo-
	correctly.			nents properly.
11	CHECK CAUSE OF SIGNAL NOISE.	Is the noise sources installed?	Go to step 12.	Install the noise
	Check if the noise sources (such as an			sources apart from
	antenna) are installed near the sensor har-			sensor harness.
	ness.			

	Step	Check	Yes	No
12	CHECK ABSCM&H/U. 1) Connect all connectors. 2) Erase the memory. 3) Perform the Inspection Mode. <ref. abs(diag)-17,="" clear="" memory="" mode,="" monitor.="" operation,="" select="" subaru="" to=""> 4) Read the DTC.</ref.>	Is the same DTC displayed?	Replace the ABSCM only. <ref. (abscm&h="" abs="" abs-9,="" and="" control="" hydraulic="" module="" replacement,="" to="" u).="" unit=""></ref.>	Go to step 13.
13	CHECK ANY OTHER DTC ON DISPLAY.	Is there any other DTC displayed?	Perform the diagnosis according to DTC.	It results from a temporary noise interference. NOTE: Though the ABS warning light remains on at this time, this is normal. Drive the vehicle at more than 12 km/h (7 MPH) in order to turn ABS warning light off. Be sure to drive the vehicle and check that the warning light goes off.

I: DTC C0115 ABS WHEEL SPEED SENSOR SIGNAL MALFUNCTION IN ONE OF FOUR WHEELS

DTC DETECTING CONDITION:

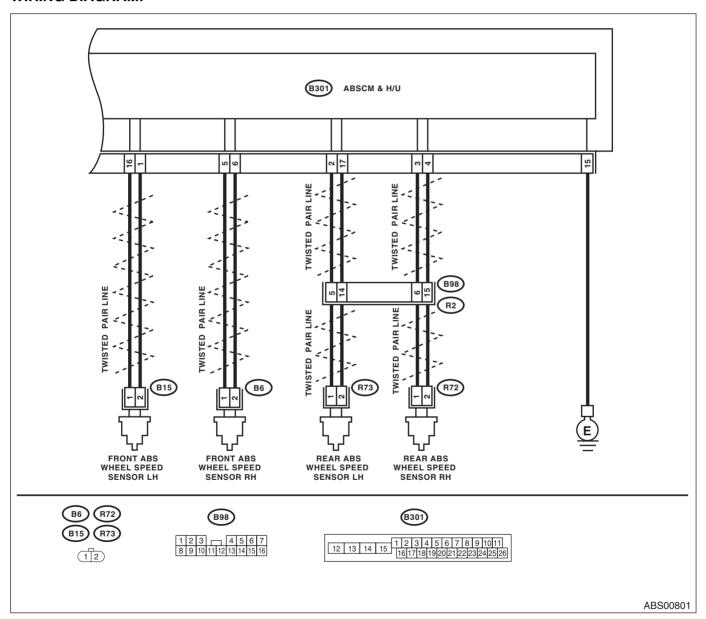
- Defective ABS wheel speed sensor signal (noise, abnormal signal, etc.)
- · Defective magnetic encoder
- When a wheel is turned freely for a long time

TROUBLE SYMPTOM:

- ABS does not operate.
- EBD does not operate.

NOTE:

Brake warning light comes on as well as the ABS warning light.



	Step	Check	Yes	No
1	WHETHER A WHEEL TURNED FREELY OR NOT. Check if the wheels have been turned freely for more than one minute, such as when the vehicle is jacked-up, under full-lock cornering or when the wheels are not in contact with road surface.	Did the wheels turn freely?	ABS is normal. Erase the memory. NOTE: This diagnostic trouble code may sometimes occur if the wheels turn freely for a long time, for example when the vehicle is towed or jackedup, or when steering wheel is continuously turned all the way.	Go to step 2.
2	CHECK TIRE SPECIFICATIONS.	Are the tire specifications cor-	Go to step 3.	Replace the tire.
•	Turn the ignition switch to OFF. CHECK WEAR OF TIRE.	rect?	Dania aa tha tira	Co to otom 4
3 4	CHECK WEAR OF TIRE. CHECK TIRE INFLATION PRESSURE.	Is the tire worn excessively? Is the tire pressure correct?	Replace the tire. Go to step 5 .	Go to step 4 . Adjust the tire
*	CHECK THE INFLATION PRESSURE.	is the the pressure correct?	Go to step 3.	pressure.
5	CHECK INSTALLATION OF ABS WHEEL SPEED SENSOR.	Are the ABS wheel speed sensor installation bolts tightened 7.5 N·m (0.76 kgf-m, 5.5 ft-lb)? (For four wheels)	Go to step 6.	Tighten the ABS wheel speed sensor installation bolts.
6	CHECK ABS WHEEL SPEED SENSOR SIGNAL. 1) Install the ABS wheel speed sensor. 2) Prepare an oscilloscope. 3) Check the ABS wheel speed sensor. <ref. abs="" abs-14,="" front="" inspection,="" sensor,="" sensor.="" speed="" to="" wheel=""></ref.>	Does the oscilloscope indicate the waveform pattern like shown in the figure when the tire is slowly turned? Does the oscilloscope indication repeat the waveform pattern like shown in the figure when the tire is slowly turned in equal speed for more one rotation?	Go to step 8.	Go to step 7.
7	CHECK ABS WHEEL SPEED SENSOR OR MAGNETIC ENCODER.	Are there foreign matter, breakage or damage at the tip of ABS wheel speed sensor or magnetic encoder?	Remove dirt thoroughly. Also replace the ABS wheel speed sensor or magnetic encoder as a unit with hub unit bearing if it is broken or damaged.	Go to step 8.
8	CHECK ABSCM&H/U. 1) Connect all connectors. 2) Erase the memory. 3) Perform the Inspection Mode. <ref. abs(diag)-17,="" clear="" memory="" mode,="" monitor.="" operation,="" select="" subaru="" to=""> 4) Read the DTC.</ref.>	Is the same DTC displayed?	Replace the ABSCM only. <ref. (abscm&h="" abs="" abs-9,="" and="" control="" hydraulic="" mod-="" replacement,="" to="" u).="" ule="" unit=""></ref.>	Go to step 9 .

ABS (DIAGNOSTICS)

Step	Check	Yes	No
	Is there any other DTC dis- played?	nosis according to	It results from a temporary noise interference.
			NOTE: Though the ABS warning light re- mains on at this time, this is nor-
			mal. Drive the vehicle at more than 12 km/h (7 MPH) in order to turn ABS
			warning light off. Be sure to drive the vehicle and check that the warning light goes off.

J: DTC C0120 FRONT INLET SOLENOID VALVE LH MALFUNCTION IN ABS CONTROL MODULE AND HYDRAULIC CONTROL UNIT (ABSCM&H/U)

NOTE:

Refer to DTC C0126 for diagnostic procedure. <Ref. to ABS(diag)-46, DTC C0126 REAR INLET SOLENOID VALVE RH MALFUNCTION IN ABS CONTROL MODULE AND HYDRAULIC CONTROL UNIT (ABSCM&H/U), Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

K: DTC C0122 FRONT INLET SOLENOID VALVE RH MALFUNCTION IN ABS CONTROL MODULE AND HYDRAULIC CONTROL UNIT (ABSCM&H/U)

NOTE:

Refer to DTC C0126 for diagnostic procedure. <Ref. to ABS(diag)-46, DTC C0126 REAR INLET SOLENOID VALVE RH MALFUNCTION IN ABS CONTROL MODULE AND HYDRAULIC CONTROL UNIT (ABSCM&H/U), Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

L: DTC C0124 REAR INLET SOLENOID VALVE LH MALFUNCTION IN ABS CONTROL MODULE AND HYDRAULIC CONTROL UNIT (ABSCM&H/U)

NOTE:

Refer to DTC C0126 for diagnostic procedure. <Ref. to ABS(diag)-46, DTC C0126 REAR INLET SOLENOID VALVE RH MALFUNCTION IN ABS CONTROL MODULE AND HYDRAULIC CONTROL UNIT (ABSCM&H/U), Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

M: DTC C0126 REAR INLET SOLENOID VALVE RH MALFUNCTION IN ABS CONTROL MODULE AND HYDRAULIC CONTROL UNIT (ABSCM&H/U)

DTC DETECTING CONDITION:

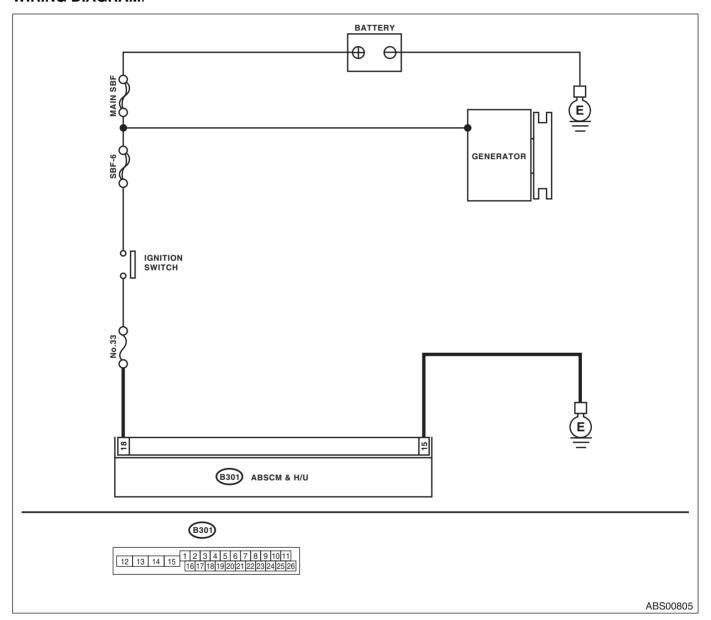
- · Defective harness connector
- Defective inlet solenoid valve in ABSCM&H/U

TROUBLE SYMPTOM:

- ABS does not operate.
- EBD does not operate.

NOTE:

Brake warning light comes on as well as the ABS warning light.



	Step	Check	Yes	No
1	CHECK INPUT VOLTAGE OF ABSCM&H/U. 1) Turn the ignition switch to OFF. 2) Disconnect the ABSCM&H/U connectors. 3) Run the engine at idle. 4) Measure the voltage between ABSCM&H/U connector and chassis ground. Connector & terminal (B301) No. 18 (+) — Chassis ground (-):	Is the voltage 10 — 15 V?	Go to step 2.	Repair the ABSCM&H/U power circuit.
2	CHECK THE ABSCM&H/U GROUND CIRCUIT. 1) Turn the ignition switch to OFF. 2) Measure the resistance between the ABSCM&H/U connector and chassis ground. Connector & terminal (B301) No. 15 — Chassis ground:	Is the resistance less than 0.5 Ω ?	Go to step 3.	Repair the ABSCM&H/U ground harness.
3	CHECK POOR CONTACT IN CONNECTOR.	Is there poor contact in con- nector between generator, bat- tery and ABSCM&H/U?	Repair the connector.	Go to step 4.
4	CHECK ABSCM&H/U. 1) Connect all connectors. 2) Erase the memory. 3) Perform the Inspection Mode. 4) Read the DTC.	Is the same DTC displayed?	Replace the ABSCM&H/U. <ref. abs-6,<br="" to="">ABS Control Mod- ule and Hydraulic Control Unit (ABSCM&H/U).></ref.>	Go to step 5.
5	CHECK ANY OTHER DTC ON DISPLAY.	Is there any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" abs(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Temporary poor contact occurs.

N: DTC C0121 FRONT OUTLET SOLENOID VALVE LH MALFUNCTION IN ABS CONTROL MODULE AND HYDRAULIC CONTROL UNIT (ABSCM&H/U)

NOTE:

Refer to DTC C0127 for diagnostic procedure. <Ref. to ABS(diag)-48, DTC C0127 REAR OUTLET SOLE-NOID VALVE RH MALFUNCTION IN ABS CONTROL MODULE AND HYDRAULIC CONTROL UNIT (ABSCM&H/U), Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

O: DTC C0123 FRONT OUTLET SOLENOID VALVE RH MALFUNCTION IN ABS CONTROL MODULE AND HYDRAULIC CONTROL UNIT (ABSCM&H/U)

NOTE:

Refer to DTC C0127 for diagnostic procedure. <Ref. to ABS(diag)-48, DTC C0127 REAR OUTLET SOLE-NOID VALVE RH MALFUNCTION IN ABS CONTROL MODULE AND HYDRAULIC CONTROL UNIT (ABSCM&H/U), Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

P: DTC C0125 REAR OUTLET SOLENOID VALVE LH MALFUNCTION IN ABS CONTROL MODULE AND HYDRAULIC CONTROL UNIT (ABSCM&H/U)

NOTE:

Refer to DTC C0127 for diagnostic procedure. <Ref. to ABS(diag)-48, DTC C0127 REAR OUTLET SOLE-NOID VALVE RH MALFUNCTION IN ABS CONTROL MODULE AND HYDRAULIC CONTROL UNIT (ABSCM&H/U), Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

Q: DTC C0127 REAR OUTLET SOLENOID VALVE RH MALFUNCTION IN ABS CONTROL MODULE AND HYDRAULIC CONTROL UNIT (ABSCM&H/U)

DTC DETECTING CONDITION:

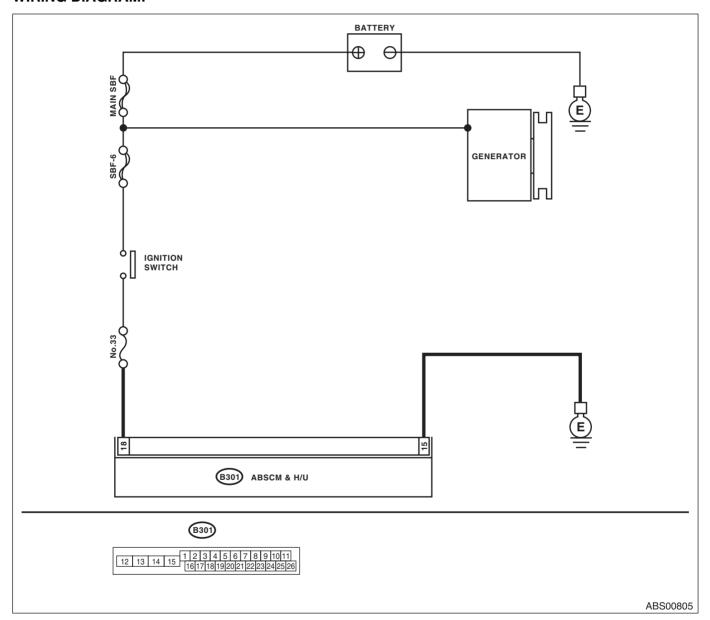
- Defective harness connector
- Defective outlet solenoid valve in ABSCM&H/U

TROUBLE SYMPTOM:

- ABS does not operate.
- EBD does not operate.

NOTE:

Brake warning light comes on as well as the ABS warning light.



	Step	Check	Yes	No
1	CHECK INPUT VOLTAGE OF ABSCM&H/U. 1) Turn the ignition switch to OFF. 2) Disconnect the ABSCM&H/U connectors. 3) Run the engine at idle. 4) Measure the voltage between ABSCM&H/U connector and chassis ground. Connector & terminal (B301) No. 18 (+) — Chassis ground (-):	Is the voltage 10 — 15 V?	Go to step 2.	Repair the ABSCM&H/U power circuit.
2	CHECK THE ABSCM&H/U GROUND CIRCUIT. 1) Turn the ignition switch to OFF. 2) Measure the resistance between the ABSCM&H/U connector and chassis ground. Connector & terminal (B301) No. 15 — Chassis ground:	Is the resistance less than 0.5 Ω ?	Go to step 3.	Repair the ABSCM&H/U ground harness.
3	CHECK POOR CONTACT IN CONNECTOR.	Is there poor contact in con- nector between generator, bat- tery and ABSCM&H/U?	Repair the connector.	Go to step 4.
4	CHECK ABSCM&H/U. 1) Connect all connectors. 2) Erase the memory. 3) Perform the Inspection Mode. 4) Read the DTC.	Is the same DTC displayed?	Replace the ABSCM&H/U. <ref. (abscm&h="" abs="" abs-6,="" and="" control="" hydraulic="" module="" to="" u).="" unit=""></ref.>	Go to step 5.
5	CHECK ANY OTHER DTC ON DISPLAY.	Is there any other DTC dis- played?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">ABS(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Temporary poor contact occurs.

R: DTC C0110 ABS CONTROL MODULE MALFUNCTION

DTC DETECTING CONDITION:

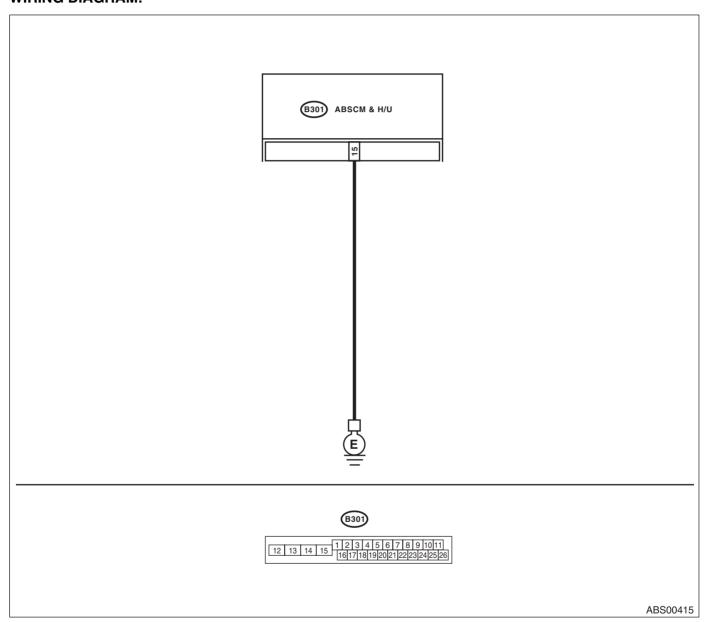
Defective ABSCM&H/U

TROUBLE SYMPTOM:

- ABS does not operate.
- EBD does not operate.

NOTE

Brake warning light comes on as well as the ABS warning light.



	Step	Check	Yes	No
1	CHECK THE ABSCM&H/U GROUND CIRCUIT. 1) Turn the ignition switch to OFF. 2) Disconnect the ABSCM&H/U connectors. 3) Measure the resistance between the ABSCM&H/U and chassis ground. Connector & terminal (B301) No. 15 — Chassis ground:	Is the resistance less than 0.5 Ω ?	Go to step 2.	Repair the ABSCM&H/U ground harness.
2	CHECK POOR CONTACT IN CONNECTOR.	Is there poor contact of the connector between the battery, ignition switch and ABSCM&H/U?	Repair the connector.	Go to step 3.
3	CHECK CAUSE OF SIGNAL NOISE.	Is the car telephone or the radio properly installed?	Go to step 4.	Properly install the car telephone or the wireless transmitter.
4	CHECK CAUSE OF SIGNAL NOISE.	Is there a noise source (such as an antenna) installed near the sensor harness?	Install the noise source apart from the sensor harness.	Go to step 5.
5	CHECK ABSCM&H/U. 1) Connect all connectors. 2) Erase the memory. 3) Perform the Inspection Mode. 4) Read the DTC.	Is the same DTC displayed?	Replace the ABSCM only. <ref. abs-9,<br="" to="">REPLACEMENT, ABS Control Mod- ule and Hydraulic Control Unit (ABSCM&H/U).></ref.>	Go to step 6.
6	CHECK ANY OTHER DTC ON DISPLAY.	Is there any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">ABS(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Temporary poor contact occurs.

S: DTC C0109 POWER VOLTAGE MALFUNCTION

DTC DETECTING CONDITION:

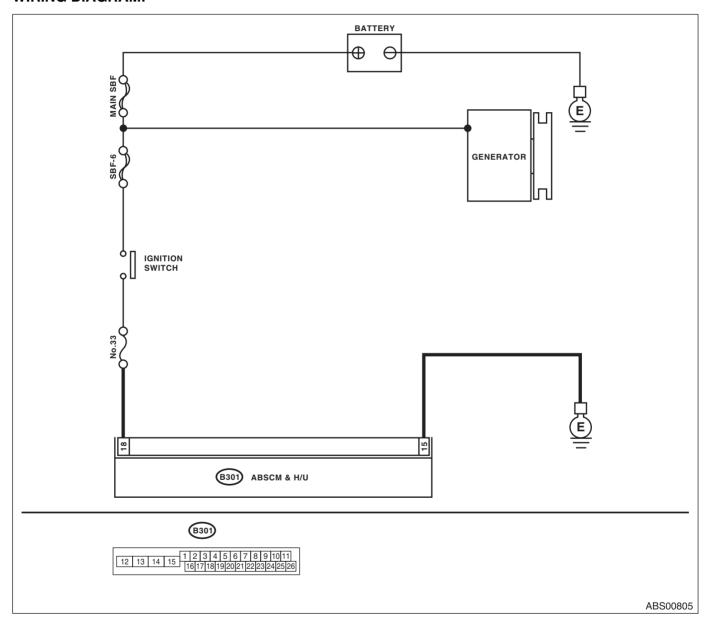
Power supply voltage of the ABSCM&H/U is too low or too high.

TROUBLE SYMPTOM:

- · ABS does not operate.
- EBD may not operate.

NOTE

If EBD does not operate, the brake warning light illuminates in addition to ABS warning light. Both warning lights go off if voltage returns.



	Step	Check	Yes	No
1	CHECK GENERATOR. 1) Start the engine. 2) Run the engine at idle after warming up. 3) Measure the voltage between generator terminal B and chassis ground. Terminals Generator B terminal (+) — Chassis ground (-):	Is the voltage 10 — 15 V?	Go to step 2.	Repair the generator.
2	CHECK BATTERY TERMINAL. Turn the ignition switch to OFF.	Are the positive and negative battery terminals tightened securely?	Go to step 3.	Tighten the terminal.
3	CHECK INPUT VOLTAGE OF ABSCM&H/U. 1) Disconnect the ABSCM&H/U connectors. 2) Run the engine at idle. 3) Operate devices such as headlights, air conditioner, defogger, etc. which produce an electrical load. 4) Measure the voltage between ABSCM&H/U connector and chassis ground. Connector & terminal (B301) No. 18 (+) — Chassis ground (-):	Is the voltage 10 — 15 V?	Go to step 4.	Repair the ABSCM&H/U power circuit.
4	CHECK THE ABSCM&H/U GROUND CIRCUIT. 1) Turn the ignition switch to OFF. 2) Measure the resistance between the ABSCM&H/U connector and chassis ground. Connector & terminal (B301) No. 15 — Chassis ground:	Is the resistance less than 0.5 Ω ?	Go to step 5.	Repair the ABSCM&H/U ground harness.
5	CHECK POOR CONTACT IN CONNECTOR.	Is there poor contact in con- nector between generator, bat- tery and ABSCM&H/U?	Repair the connector.	Go to step 6.
6	CHECK ABSCM&H/U. 1) Connect all connectors. 2) Erase the memory. 3) Perform the Inspection Mode. 4) Read the DTC.	Is the same DTC displayed?	Replace the ABSCM only. <ref. (abscm&h="" abs="" abs-9,="" and="" control="" hydraulic="" module="" replacement,="" to="" u).="" unit=""></ref.>	Go to step 7.
7	CHECK ANY OTHER DTC ON DISPLAY.	Is there any other DTC dis- played?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">ABS(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Temporary poor contact occurs.

ABS (DIAGNOSTICS)

T: DTC C0140 CAN COMMUNICATION MALFUNCTION

DTC DETECTING CONDITION:

Defective CAN communication

TROUBLE SYMPTOM:

Possibly the vehicle speed cannot output on CAN.

	Step	Check	Yes	No
1	CHECK LAN SYSTEM. Perform the diagnosis for LAN system. <ref. (dtc).="" code="" diagnostic="" lan(diag)-25,="" operation,="" read="" to="" trouble=""></ref.>	Is there any fault in LAN system?	to DTC of LAN system.	Replace the ABSCM only. <ref. abs-9,<br="" to="">REPLACEMENT, ABS Control Mod-</ref.>
				ule and Hydraulic Control Unit (ABSCM&H/U).>

U: DTC C0114 VALVE RELAY MALFUNCTION

DTC DETECTING CONDITION:

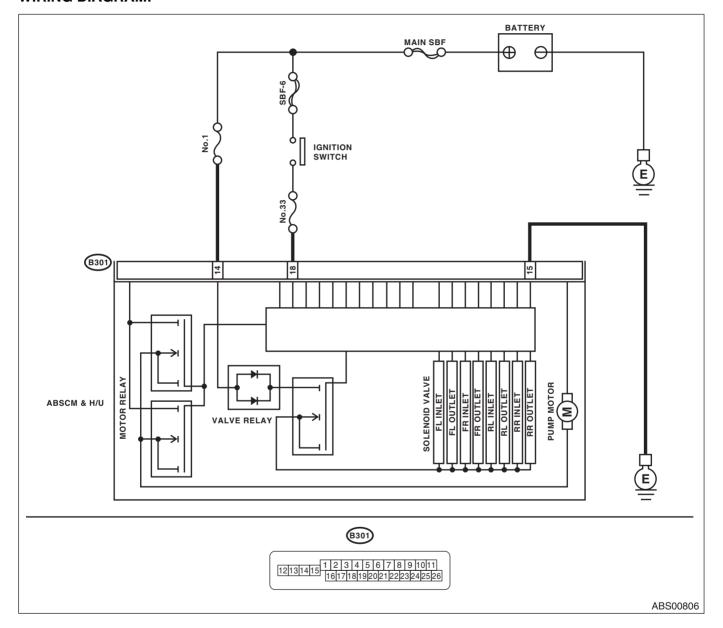
Defective valve relay

TROUBLE SYMPTOM:

- · ABS does not operate.
- EBD does not operate depending on the trouble contents.

NOTE:

Brake warning light comes on as well as ABS warning light when EBD does not operate.



	Step	Check	Yes	No
1	CHECK INPUT VOLTAGE OF ABSCM&H/U. 1) Turn the ignition switch to OFF. 2) Disconnect the ABSCM&H/U connectors. 3) Run the engine at idle. 4) Measure the voltage between ABSCM&H/U connector and chassis ground. Connector & terminal (B301) No. 18 (+) — Chassis ground (-): (B301) No. 14 (+) — Chassis ground (-):	Is the voltage 10 — 15 V?	Go to step 2.	Repair the har- ness connector between battery and ABSCM&H/U.
2	CHECK THE ABSCM&H/U GROUND CIRCUIT. 1) Turn the ignition switch to OFF. 2) Measure the resistance between the ABSCM&H/U connector and chassis ground. Connector & terminal (B301) No. 15 — Chassis ground:	Is the resistance less than 0.5 Ω ?	Go to step 3.	Repair the ABSCM&H/U ground harness.
3	CHECK VALVE RELAY IN ABSCM&H/U. Measure the resistance between the ABSCM&H/U terminals. Terminals No. 14 — No. 15:	Is the resistance more than 1 $\mbox{M}\Omega ?$	Go to step 4.	Replace the ABSCM only. <ref. abs-9,<br="" to="">REPLACEMENT, ABS Control Mod- ule and Hydraulic Control Unit (ABSCM&H/U).></ref.>
4	CHECK POOR CONTACT IN CONNECTOR.	Is there poor contact in con- nector between generator, bat- tery and ABSCM&H/U?	Repair the connector.	Go to step 5.
5	CHECK ABSCM&H/U. 1) Connect all connectors. 2) Erase the memory. 3) Perform the Inspection Mode. 4) Read the DTC.	Is the same DTC displayed?	Replace the ABSCM only. <ref. (abscm&h="" abs="" abs-9,="" and="" control="" hydraulic="" module="" replacement,="" to="" u).="" unit=""></ref.>	Go to step 6.
6	CHECK ANY OTHER DTC ON DISPLAY.	Is there any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" abs(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Temporary poor contact occurs.

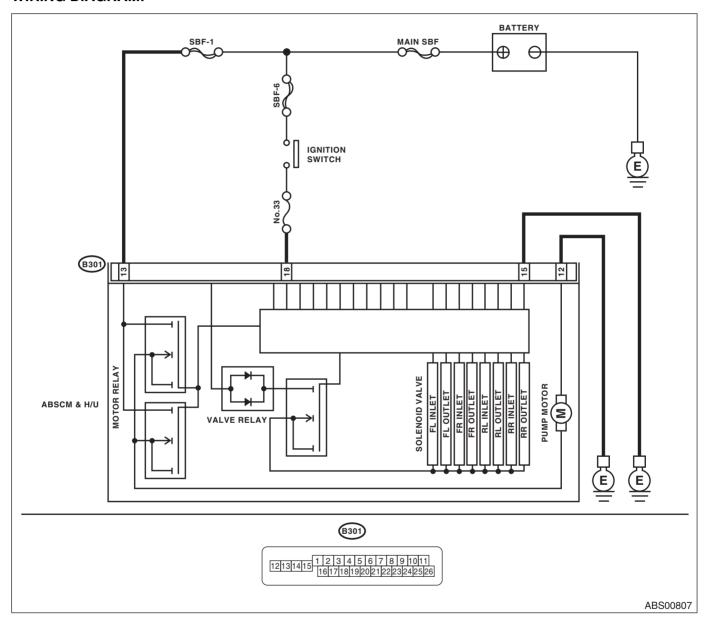
V: DTC C0111 MOTOR/MOTOR RELAY MALFUNCTION

DTC DETECTING CONDITION:

- · Defective motor
- Defective motor relay
- · Defective harness connector

TROUBLE SYMPTOM:

ABS does not operate.

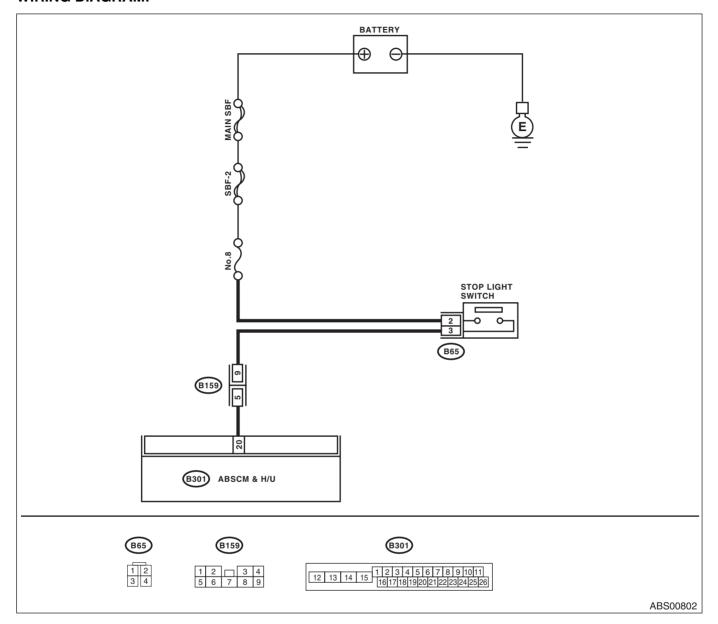


	Cton	Chaok	Vee	No
1	Step	Check	Yes	No Panair the har
1	CHECK INPUT VOLTAGE OF ABSCM&H/U. 1) Turn the ignition switch to OFF. 2) Disconnect the ABSCM&H/U connectors. 3) Turn the ignition switch to ON. 4) Measure the voltage between ABSCM&H/U connector and chassis ground. Connector & terminal	Is the voltage 10 — 15 V?	Go to step 2.	Repair the har- ness connector between battery and ABSCM&H/U.
	(B301) No. 13 (+) — Chassis ground (–):			
2	CHECK INSTALLATION OF MOTOR GROUND.	Is the motor ground terminal installation bolt tightened 33 N·m (3.3 kgf-m, 24.3 ft-lb)?	Go to step 3.	Tighten the motor ground terminal installation bolt.
3	CHECK GROUND CIRCUIT OF MOTOR. 1) Turn the ignition switch to OFF. 2) Measure the resistance between the ABSCM&H/U connector and chassis ground. Connector & terminal (B301) No. 12 — Chassis ground:	Is the resistance less than 0.5 Ω ?	Go to step 4.	Repair the ABSCM&H/U ground harness.
4	CHECK INPUT VOLTAGE OF ABSCM&H/U. 1) Run the engine at idle. 2) Measure the voltage between ABSCM&H/U connector and chassis ground. Connector & terminal (B301) No. 18 (+) — Chassis ground (-):	Is the voltage 10 — 15 V?	Go to step 5.	Repair the har- ness connector between battery, ignition switch and ABSCM&H/U.
5	CHECK THE ABSCM&H/U GROUND CIRCUIT. 1) Turn the ignition switch to OFF. 2) Measure the resistance between the ABSCM&H/U connector and chassis ground. Connector & terminal (B301) No. 15 — Chassis ground:	Is the resistance less than 0.5 Ω ?	Go to step 6.	Repair the ABSCM&H/U ground harness.
6	CHECK POOR CONTACT IN CONNECTOR. Turn the ignition switch to OFF.	Is there poor contact in con- nector between generator, bat- tery and ABSCM&H/U?	Repair the connector.	Go to step 7.
7	CHECK ABSCM&H/U. 1) Connect all connectors. 2) Erase the memory. 3) Perform the Inspection Mode. 4) Read the DTC.	Is the same DTC displayed?	Replace the ABSCM&H/U. <ref. abs-6,<br="" to="">ABS Control Mod- ule and Hydraulic Control Unit (ABSCM&H/U).></ref.>	Go to step 8.
8	CHECK ANY OTHER DTC ON DISPLAY.	Is there any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" abs(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Temporary poor contact occurs. NOTE: Though the ABS warning light remains on at this time, this is normal. Drive the vehicle at more than 12 km/h (7 MPH) in order to turn ABS warning light off. Be sure to drive the vehicle and check that the warning light goes off.

W: DTC C0116 FAULTY STOP LIGHT SWITCH

DTC DETECTING CONDITION:

Defective stop light switch



	Step	Check	Yes	No
1	CHECK OUTPUT OF STOP LIGHT SWITCH USING SUBARU SELECT MONITOR. 1) Select {Current Data Display & Save} in Subaru Select Monitor. 2) Release the brake pedal. 3) Read the stop light switch signal in Subaru Select Monitor.	Is "OFF" displayed on the screen?	Go to step 2.	Go to step 3.
2	CHECK OUTPUT OF STOP LIGHT SWITCH USING SUBARU SELECT MONITOR. 1) Depress the brake pedal. 2) Read the stop light switch output in Subaru Select Monitor.	Is "ON" displayed on the screen?	Go to step 5.	Go to step 3.
3	CHECK IF STOP LIGHTS COME ON. Depress the brake pedal.	Does the stop light illuminate?	Go to step 4.	Repair the stop light circuit.
4	CHECK OPEN CIRCUIT IN HARNESS. 1) Turn the ignition switch to OFF. 2) Disconnect the ABSCM&H/U connectors. 3) Depress the brake pedal. 4) Measure the voltage between ABSCM&H/U connector and chassis ground. Connector & terminal (B301) No. 20 (+) — Chassis ground (-):	Is the voltage 10 — 15 V?	Go to step 5.	Repair the har- ness between stop light switch and ABSCM&H/U con- nector.
5	CHECK POOR CONTACT IN CONNECTOR.	Is there poor contact in the connector between stop light switch and ABSCM&H/U?	Go to step 6.	Repair the con- nector.
6	CHECK ABSCM&H/U. 1) Connect all connectors. 2) Erase the memory. 3) Perform the Inspection Mode. 4) Read the DTC.	Is the same DTC displayed?	Replace the ABSCM only. <ref. abs-9,<br="" to="">REPLACEMENT, ABS Control Mod- ule and Hydraulic Control Unit (ABSCM&H/U).></ref.>	Go to step 7.
7	CHECK ANY OTHER DTC ON DISPLAY.	Is there any other DTC dis- played?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. (dtc).="" abs(diag)-34,="" ble="" code="" diagnostic="" list="" of="" to="" trou-=""></ref.>	Temporary poor contact occurs.

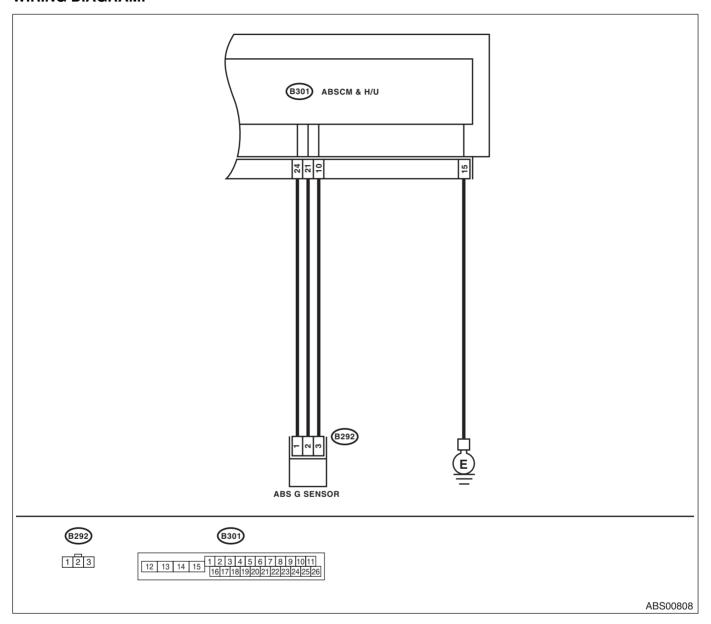
X: DTC C0118 G SENSOR OUTPUT VOLTAGE MALFUNCTION

DTC DETECTING CONDITION:

Defective G sensor

TROUBLE SYMPTOM:

ABS does not operate.



	Step	Check	Yes	No
1	CHECK OUTPUT OF G SENSOR USING	Is the reading indicated on dis-	Go to step 2.	Go to step 5.
	SUBARU SELECT MONITOR.	play -1.2 — 1.2 m/s when the	The state of the s	1
	 Select {Current Data Display & Save} in 	G sensor is horizontal?		
	Subaru Select Monitor.			
	2) Read the G sensor output on Subaru			
	Select Monitor.	le there were contest in our	Danair tha ann	Ca ta atam 0
2	CHECK POOR CONTACT IN CONNECTOR.	Is there poor contact in con- nectors between ABSCM&H/U	Repair the con- nector.	Go to step 3.
		and G sensor?	necioi.	
3	CHECK ABSCM&H/U.	Is the same DTC displayed?	Replace the	Go to step 4.
	1) Connect all connectors.		ABSCM only.	
	2) Erase the memory.		<ref. abs-9,<="" td="" to=""><td></td></ref.>	
	3) Perform the Inspection Mode.		REPLACEMENT,	
	4) Read the DTC.		ABS Control Mod-	
			ule and Hydraulic	
			Control Unit (ABSCM&H/U).>	
4	CHECK ANY OTHER DTC ON DISPLAY.	Is there any other DTC dis-	Check DTC using	Temporary poor
		played?	"List of Diagnostic	contact occurs.
			Trouble Code	
			(DTC)". <ref. td="" to<=""><td></td></ref.>	
			ABS(diag)-34, List	
			of Diagnostic Trou-	
5	CHECK INPUT VOLTAGE OF G SENSOR.	Is the voltage 4.75 — 5.25 V?	ble Code (DTC).> Go to step 6 .	Repair the har-
3	Turn the ignition switch to OFF.	Is the voltage 4.75 — 5.25 V?	Go to step 6 .	ness connector
	2) Remove the console box.			between the G
	3) Remove the G sensor from vehicle. (Do not			sensor and
	disconnect the connector.)			ABSCM&H/U.
	Turn the ignition switch to ON.			
	5) Measure the voltage between G sensor			
	connector terminals. Connector & terminal			
	(B292) No. 1 (+) — No. 3 (–):			
6	CHECK OPEN CIRCUIT IN G SENSOR OUT-	Is the resistance between 3.6	Go to step 7.	Repair the har-
	PUT HARNESS AND GROUND HARNESS.	and 3.8 k Ω ?		ness connector
	 Turn the ignition switch to OFF. 			between the G
	2) Disconnect the ABSCM&H/U connectors.			sensor and
	3) Measure the resistance between			ABSCM&H/U.
	ABSCU&H/U connector terminals. Connector & terminal			
	(B301) No. 21 — No. 10:			
7	CHECK GROUND SHORT IN G SENSOR	Is the resistance more than 1	Go to step 8.	Repair the har-
	OUTPUT HARNESS.	ΜΩ?		ness between the
	Disconnect the connector from G sensor.			G sensor and
	Measure the resistance between the ABSCM&H/U connector and chassis ground.			ABSCM&H/U.
	Connector & terminal			
	(B301) No. 21 — Chassis ground:			
8	CHECK G SENSOR.	Is the voltage 2.1 — 2.5 V	Go to step 9.	Replace G sen-
	1) Connect the connector to G sensor.	when G sensor is in horizontal	-	sor. <ref. abs-<="" td="" to=""></ref.>
	2) Connect the connector to ABSCM&H/U.	position?		18, G Sensor.>
	3) Turn the ignition switch to ON.			
1	4) Measure the voltage between G sensor			
	connector terminals. Connector & terminal			

	Step	Check	Yes	No
9	CHECK G SENSOR. Measure the voltage between G sensor connector terminals. Connector & terminal (B292) No. 2 (+) — No. 3 (-):	Is the voltage 3.6 — 4.1 V when the G sensor is inclined forward to 90°?	Go to step 10.	Replace G sen- sor. <ref. abs-<br="" to="">18, G Sensor.></ref.>
10	CHECK G SENSOR. Measure the voltage between G sensor connector terminals. Connector & terminal (B292) No. 2 (+) — No. 3 (-):	Is the voltage 0.5 — 1.0 V when G sensor is inclined back 90°?	Go to step 11.	Replace G sensor. <ref. abs-18,="" g="" sensor.="" to=""></ref.>
11	CHECK POOR CONTACT IN CONNECTOR. Turn the ignition switch to OFF.	Is there poor contact in con- nectors between ABSCM&H/U and G sensor?	Repair the connector.	Go to step 12.
12	CHECK ABSCM&H/U. 1) Connect all connectors. 2) Erase the memory. 3) Perform the Inspection Mode. 4) Read the DTC.	Is the same DTC displayed?	Replace the ABSCM only. <ref. abs-9,<br="" to="">REPLACEMENT, ABS Control Mod- ule and Hydraulic Control Unit (ABSCM&H/U).></ref.>	Go to step 13.
13	CHECK ANY OTHER DTC ON DISPLAY.	Is there any other DTC dis- played?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">ABS(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	

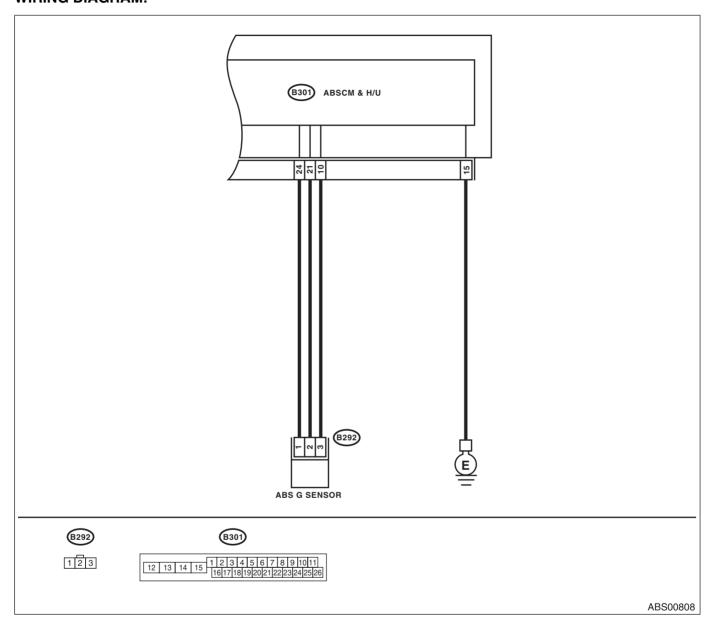
Y: DTC C0119 G SENSOR OUTPUT VOLTAGE MALFUNCTION

DTC DETECTING CONDITION:

Defective G sensor

TROUBLE SYMPTOM:

ABS does not operate.



	Step	Check	Yes	No
1	WHETHER A WHEEL TURNED FREELY OR	Have the wheels spun free of	ABS is normal.	Go to step 2.
	NOT.	load when the vehicle is lifted up, or during driving on a rough	Erase the memory.	·
		road?		
2	CHECK OUTPUT OF G SENSOR USING	Is the reading indicated on dis-	Go to step 3.	Go to step 8.
	SUBARU SELECT MONITOR.	play -1.2 — 1.2 m/s when the		
	Select {Current Data Display & Save} in	G sensor is horizontal?		
	Subaru Select Monitor.			
	2) Read the Subaru Select Monitor display.			D 1 0
3	CHECK OUTPUT OF G SENSOR USING SUBARU SELECT MONITOR.	Is the value indicated on the screen 8.1 — 11.2 m/s when G	Go to step 4.	Replace G sen-
		sensor is inclined forward to		sor. <ref. abs-<br="" to="">18, G Sensor.></ref.>
	 Turn the ignition switch to OFF. Remove the console box. 	90°?		ro, G Senson.>
	3) Remove the G sensor from vehicle. (Do not	90 :		
	disconnect the connector.)			
	4) Turn the ignition switch to ON.			
	5) Select {Current Data Display & Save} in			
	Subaru Select Monitor.			
	Read the Subaru Select Monitor display.			
4	CHECK OUTPUT OF G SENSOR USING	Is the value indicated on the	Go to step 5.	Replace G sen-
	SUBARU SELECT MONITOR.	screen 8.1 — 11.2 m/s when G		sor. <ref. abs-<="" th="" to=""></ref.>
	Read the Subaru Select Monitor display.	sensor is inclined backward to		18, G Sensor.>
5	CHECK POOR CONTACT IN CONNECTOR.	90°? Is there poor contact in con-	Repair the con-	Co to oton 6
5	Turn the ignition switch to OFF.	nectors between ABSCM&H/U	nector.	Go to step 6.
	-	and G sensor?		
6	CHECK ABSCM&H/U.	Is the same DTC displayed?	Replace the	Go to step 7.
	Connect all connectors.		ABSCM only.	
	2) Erase the memory.		<ref. abs-9,<="" th="" to=""><th></th></ref.>	
	3) Perform the Inspection Mode.4) Read the DTC.		REPLACEMENT, ABS Control Mod-	
	Tread the DTO.		ule and Hydraulic	
			Control Unit	
			(ABSCM&H/U).>	
7	CHECK ANY OTHER DTC ON DISPLAY.	Is there any other DTC dis-	Check DTC using	Temporary poor
		played?	"List of Diagnostic	contact occurs.
			Trouble Code	
			(DTC)". <ref. th="" to<=""><th></th></ref.>	
			ABS(diag)-34, List	
			of Diagnostic Trou-	
8	CHECK OPEN CIRCUIT IN G SENSOR OUT-	Is the resistance hotween 2.6	ble Code (DTC).> Go to step 9.	Repair the har-
	PUT HARNESS AND GROUND HARNESS.	$-3.8 \text{ k}\Omega$?	GO IO SIEP 3.	ness connector
	Turn the ignition switch to OFF.	3.0 Kg2.		between the G
	Disconnect the ABSCM&H/U connectors.			sensor and
	3) Measure the resistance between			ABSCM&H/U.
	ABSCU&H/U connector terminals.			
	Connector & terminal			
	(B301) No. 21 — No. 10:			
9	CHECK GROUND SHORT OF HARNESS.	Is the resistance more than 1	Go to step 10.	Repair the har-
	Measure the resistance between the	ΜΩ?		ness connector
	ABSCM&H/U connector and chassis ground.			between the G
	Connector & terminal (B301) No. 21 — Chassis ground:			sensor and ABSCM&H/U.
<u> </u>	(D301) NO. 21 — Chassis ground:			ADOUVIAH/U.

	Step	Check	Yes	No
10	CHECK G SENSOR. 1) Remove the console box. 2) Remove the G sensor from vehicle. 3) Connect the connector to G sensor. 4) Connect the connector to ABSCM&H/U. 5) Turn the ignition switch to ON. 6) Measure the voltage between G sensor connector terminals. Connector & terminal (B292) No. 2 (+) — No. 3 (-):	Is the voltage 2.1 — 2.5 V when G sensor is in horizontal position?	Go to step 11.	Replace G sen- sor. <ref. abs-<br="" to="">18, G Sensor.></ref.>
11	CHECK G SENSOR. Measure the voltage between G sensor connector terminals. Connector & terminal (B292) No. 2 (+) — No. 3 (-):	Is the voltage 3.6 — 4.1 V when the G sensor is inclined forward to 90°?	Go to step 12.	Replace G sen- sor. <ref. abs-<br="" to="">18, G Sensor.></ref.>
12	CHECK G SENSOR. Measure the voltage between G sensor connector terminals. Connector & terminal (B292) No. 2 (+) — No. 3 (-):	Is the voltage 0.5 — 1.0 V when G sensor is inclined back 90°?	Go to step 13.	Replace G sen- sor. <ref. abs-<br="" to="">18, G Sensor.></ref.>
13	CHECK ABSCM&H/U. 1) Turn the ignition switch to OFF. 2) Connect all connectors. 3) Erase the memory. 4) Perform the Inspection Mode. 5) Read the DTC.	Is the same DTC displayed?	Replace the ABSCM only. <ref. (abscm&h="" abs="" abs-9,="" and="" control="" hydraulic="" module="" replacement,="" to="" u).="" unit=""></ref.>	Go to step 14.
14	CHECK ANY OTHER DTC ON DISPLAY.	Is there any other DTC displayed?	Check DTC using "List of Diagnostic Trouble Code (DTC)". <ref. to<br="">ABS(diag)-34, List of Diagnostic Trou- ble Code (DTC).></ref.>	Temporary poor contact occurs.