

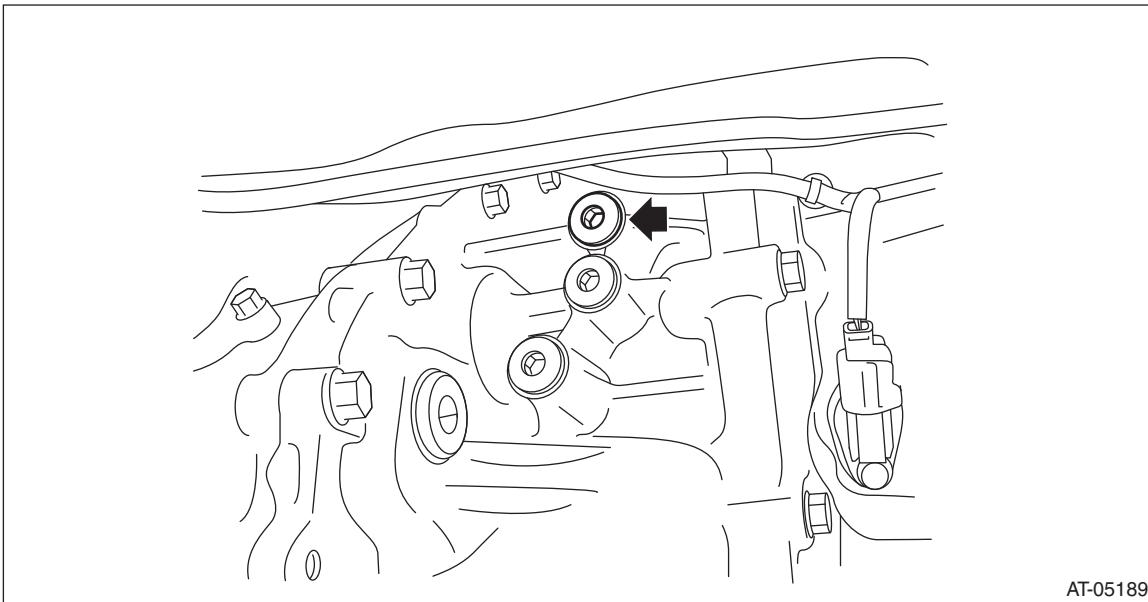
Transfer Clutch Pressure Test

CONTINUOUSLY VARIABLE TRANSMISSION

10. Transfer Clutch Pressure Test

A: INSPECTION

- 1) Lift up the vehicle.
- 2) Remove the test plug.



- 3) Set the ST1, ST2 and ST3 to transmission.

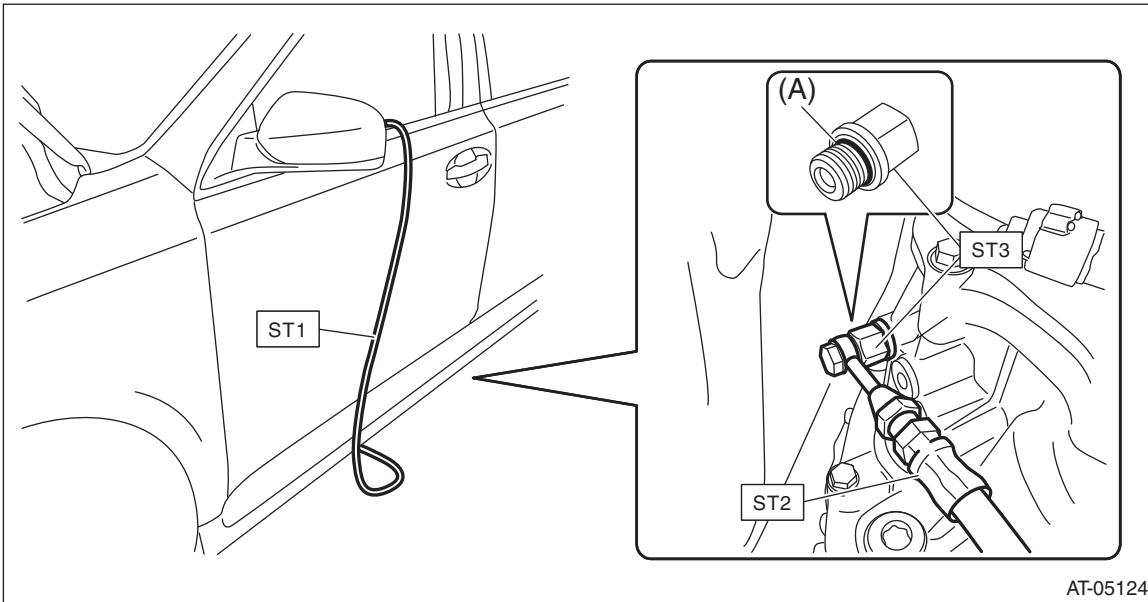
ST1 498575400 OIL PRESSURE GAUGE ASSY

ST2 498897700 OIL PRESSURE ADAPTER SET

ST3 18681AA000 PRESSURE GAUGE ADAPTER

NOTE:

ST3 Used with genuine O-ring (part No. 806911080) attached to PRESSURE GAUGE ADAPTER.



(A) O-ring (genuine part)

- 4) Lower the vehicle.
- 5) Connect the Subaru Select Monitor to the data link connector and read the current data.

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CONTINUOUSLY VARIABLE TRANSMISSION

6) Check the transfer clutch pressure as in secondary pressure (line pressure) test. <Ref. to CVT-49, Secondary Pressure (Line Pressure) Test.>

NOTE:

- Use Subaru Select Monitor for switching to FWD mode. <Ref. to CVT-45, AWD ON/OFF Switching Mode.>
- If no oil pressure is produced, if it does not change in AWD mode or if oil pressure is produced in FWD mode, there may be a problem in the control valve body.

Range position	ON Duty ratio (%)	Accelerator opening angle (%)	Standard transfer clutch pressure kPa (kg/cm ² , psi)	
			AWD mode	FWD mode
Manual mode (2nd)	95 — 100	Fully opened (100)	1,000 — 1,200 (10.2 — 12.2, 145 — 174)	—
	60	Adjust ON Duty ratio to 60%.	400 — 700 (4.1 — 7.1, 58 — 102)	—
	0	Fully closed (0)	—	0 (0, 0)
N or P	0	Fully closed (0)	0	—

7) Remove the ST and install the plug after measurement.

NOTE:

Use new O-rings.

Tightening torque:

25 N·m (2.5 kgf·m, 18.4 ft-lb)