

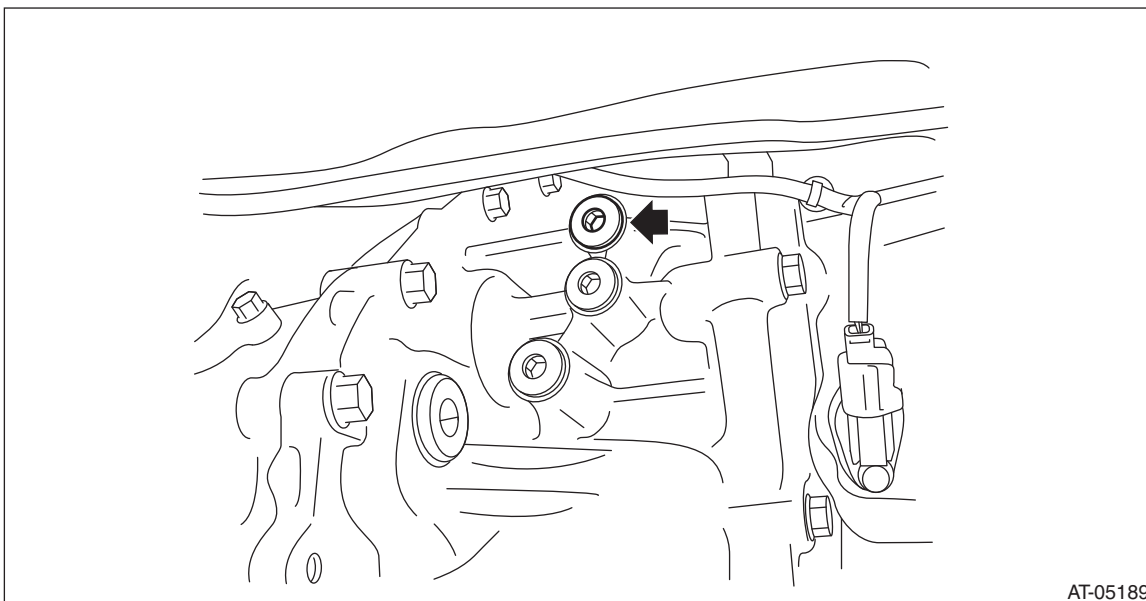
Transfer Clutch Pressure Test

CONTINUOUSLY VARIABLE TRANSMISSION

10. Transfer Clutch Pressure Test

A: INSPECTION

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



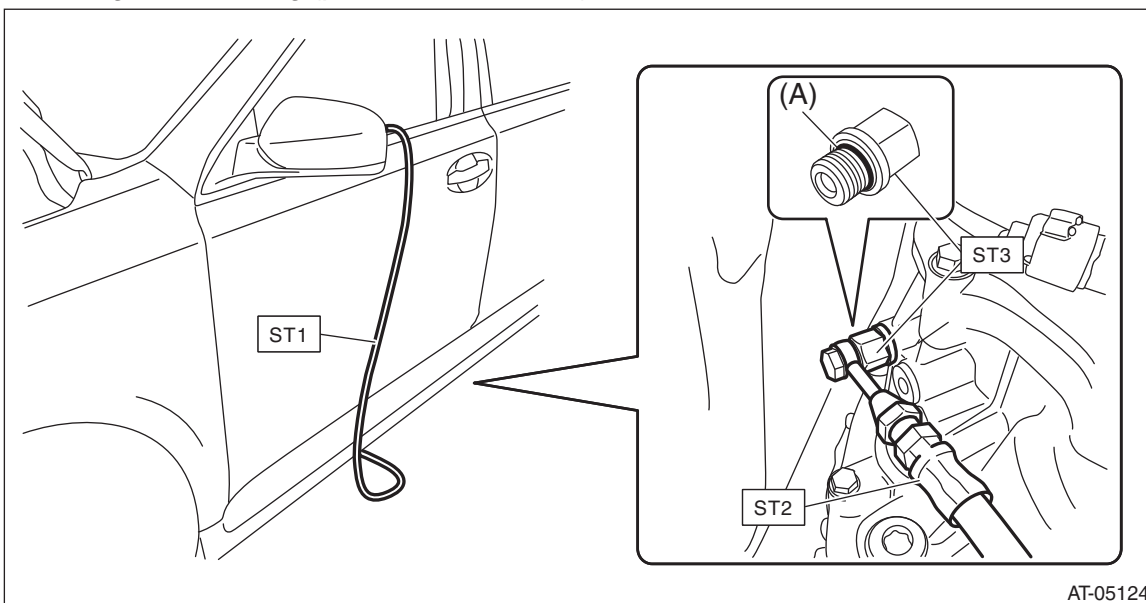
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- 3) Set the ST1, ST2 and ST3 to transmission.

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.



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(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.

Transfer Clutch Pressure Test

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)