

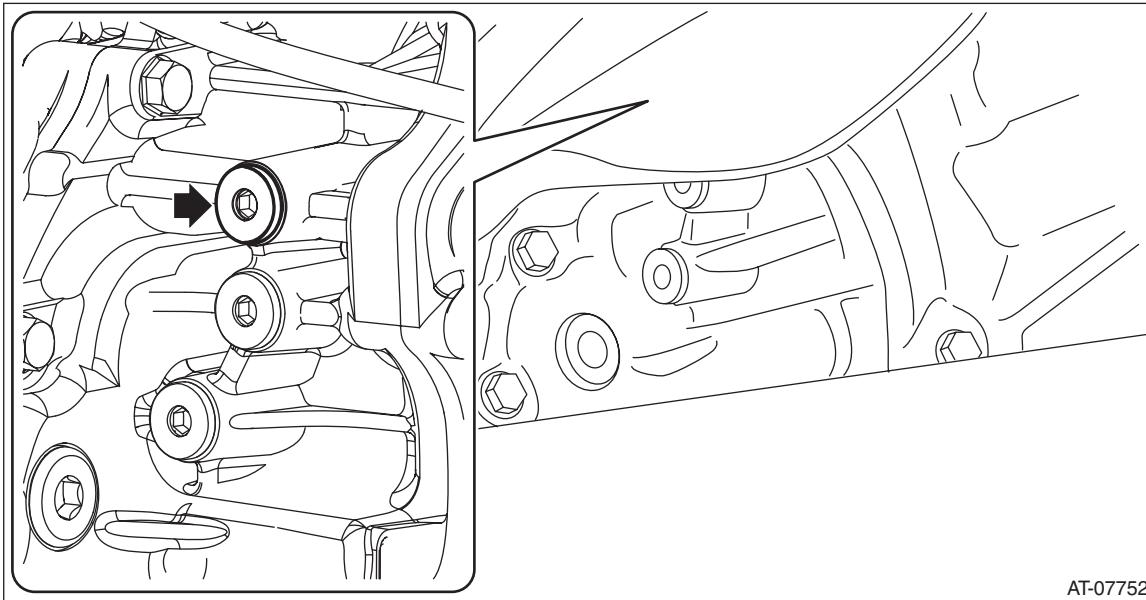
Transfer Clutch Pressure Test

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.

CAUTION:

Be careful when setting tools so that the hoses do not touch the exhaust pipes.

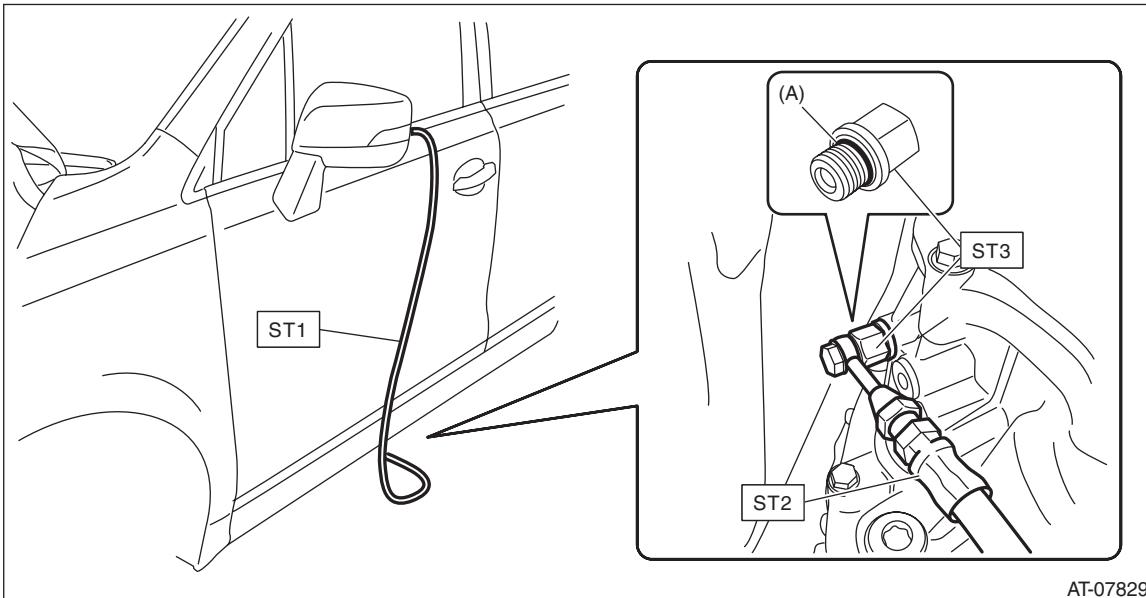
ST1 498575400 OIL PRESSURE GAUGE ASSY

ST2 498897700 OIL PRESSURE ADAPTER SET

ST3 18681AA000 PRESSURE GAUGE ADAPTER

NOTE:

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



(A) O-ring (genuine part)

Transfer Clutch Pressure Test

CONTINUOUSLY VARIABLE TRANSMISSION

- 4) Lower the vehicle.
- 5) Connect the Subaru Select Monitor to the data link connector and read the current data.
- 6) Check the transfer clutch pressure as in secondary pressure (line pressure) test. <Ref. to CVT(TR690)-51, Secondary Pressure (Line Pressure) Test.>

NOTE:

- Turn OFF the X MODE switch and perform inspection.
- If oil pressure is not produced or it does not change, the control valve body may be malfunctioning.

| Range position | ON Duty ratio (%) | Accelerator pedal opening angle (%) | Standard transfer clutch pressure kPa (kgf/cm ² , psi) |
|----------------|-------------------|-------------------------------------|---|
| D | 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) | — |
| 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)