

Transfer Clutch Pressure Test

AUTOMATIC TRANSMISSION

8. Transfer Clutch Pressure Test

A: INSPECTION

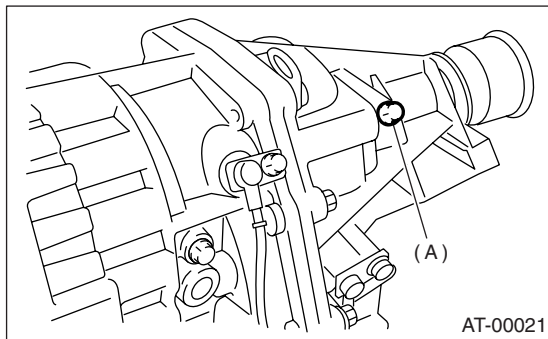
Check the transfer clutch pressure in accordance with the following procedures, in the same manner as with line pressure. <Ref. to 4AT-34, Line Pressure Test.>

ST 498897700 OIL PRESSURE ADAPTER SET

ST 498575400 OIL PRESSURE GAUGE ASSY

NOTE:

Before setting in FWD mode test, install the spare fuse on FWD mode switch. (Only models with MPT)



(A) Test plug

NOTE:

- If no oil pressure is produced or if it does not change in AWD mode, the transfer duty solenoid or the control valve body may be malfunctioning.
- If oil pressure is produced in FWD mode, there is the same problem as the AWD mode. (Only models with MPT)

Range position	ON Duty ratio (%)	Throttle position (%)	Standard transfer clutch pressure kPa (kg/cm ² , psi)	
			AWD mode	FWD mode
2	95	Fully opened (100)	1,000 — 1,200 (10.2 — 12.2, 145 — 174)	—
	60	Adjust ON Duty ratio to 60%.	500 — 700 (5.1 — 7.1, 73 — 102)	—
	5	Fully closed (0)	—	0 (0, 0)
N or P	5	Fully closed (0)	0	—