

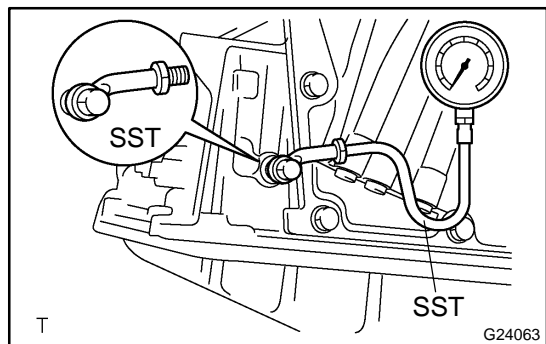
HYDRAULIC TEST

1. PERFORM HYDRAULIC TEST

(a) Measure the line pressure.

NOTICE:

- Do the test at normal operation ATF temperature 50 to 80 °C (122 to 176 °F).
- The line pressure test should always be carried out in pairs. One technician should observe the conditions of wheels or wheel stopper outside the vehicle while the other is doing the test.
- Be careful to prevent SST's hose from interfering with the exhaust pipe.



- (1) Warm up the ATF.
- (2) Remove the test plug on the left side of the transaxle case and connect SST.
SST 09992-00095 (09992-00231, 09992-00271)
- (3) Fully apply the parking brake and chock the 4 wheels.
- (4) Connect an OBD II scan tool or hand-held tester to the DLC3.
- (5) Start the engine and check idling speed.
- (6) Keep your left foot pressing firmly on the brake pedal and shift into D position.
- (7) Measure the line pressure when the engine is idling.
- (8) Depress the accelerator pedal all the way down. Quickly read the highest line pressure when engine speed reaches stall speed.
- (9) In the same way, do the test in R position.

Specified line pressure:

Condition	D position kPa (kgf / cm ² , psi)	R position kPa (kgf / cm ² , psi)
Idling	372 to 407 (3.8 to 4.2, 54 to 60)	541 to 636 (5.5 to 6.5, 78 to 92)
Stall	1,107 to 1,225 (11.3 to 12.5, 161 to 178)	1,695 to 1,813 (17.3 to 18.5, 246 to 263)

Evaluation:

Problem	Possible cause
If the measured values at all positions are higher	<ul style="list-style-type: none"> • Line pressure control solenoid (SLT) defective • Regulator valve defective
If the measured values at all positions are lower	<ul style="list-style-type: none"> • Line pressure control solenoid (SLT) defective • Regulator valve defective • Oil pump defective
If pressure is low in the D position only	<ul style="list-style-type: none"> • D position circuit fluid leak • Forward clutch defective
If pressure is low in the R position only	<ul style="list-style-type: none"> • R position circuit fluid leak • Reverse clutch defective • 1st and reverse brake defective