

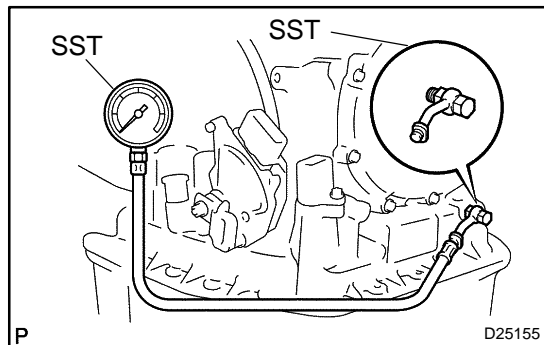
HYDRAULIC TEST

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 transaxle case front left side 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 the idling speed.
- (6) Keep your left foot pressed firmly on the brake pedal and shift into the 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 the engine speed reaches the stall speed.
- (9) Do the test in the R position in the same way.

Specified line pressure:

Condition	D position kPa (kgf/cm ² , psi)	R position kPa (kgf/cm ² , psi)
Idling	324 to 451 (3.3 to 4.6, 47 to 65)	577 to 817 (5.9 to 8.3, 84 to 118)
Stall	713 to 844 (7.27 to 8.61, 103 to 122)	1,520 to 1,755 (15.5 to 17.9, 220 to 254)

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 • O/D direct clutch 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 • Direct clutch defective • 1st and reverse brake defective