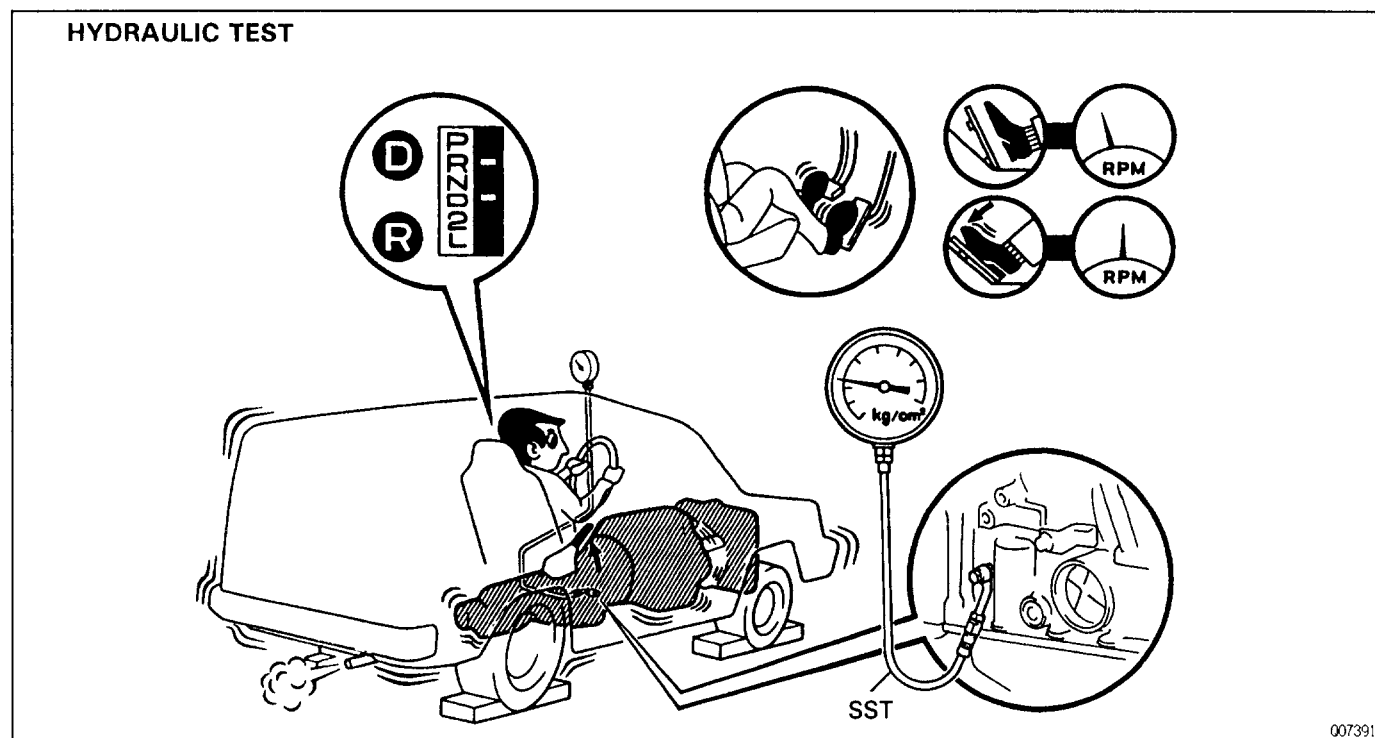


HYDRAULIC TEST

MEASURE LINE PRESSURE

NOTICE:

- Do the test at normal operating fluid temperature 50–80°C (122–176°F).
 - The line pressure test should always be carried out in pairs. One technician should observe the conditions of wheels or wheel stoppers outside the vehicle while the other is doing the test.
 - Be careful to prevent the oil pressure gauge hose from interfering with the exhaust pipe.
- (a) Warm up the transmission fluid.
- (b) Remove the test plug on the transmission case right side and connect SST.
- SST 09992-00094



- (c) Fully apply the parking brake and chock the 4 wheels.
- (d) Start the engine and check idling speed.
- (e) Keep your left foot pressed firmly on the brake pedal and shift into D position.
- (f) Measure the line pressure when the engine is idling.
- (g) Press the accelerator pedal all the way down. Quickly read the highest line pressure when engine speed reaches stall speed.
- NOTICE:** Release the accelerator pedal and stop test if the rear wheels begin to rotate before the engine speed reaches the specified stall speed.
- (h) In the same manner, 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	422–481 (4.3–4.9, 61–70)	510–608 (5.2–6.2, 74–88)
Stall	1,285–1,530 (13.1–15.6, 128–153)	1,579–1,932 (16.1–19.7, 158–193)

If the measured pressures are not up to specified values, recheck the throttle cable adjustment and retest.

EVALUATION

Problem	Possible cause
If the measured values at all positions are higher.	• Throttle cable out of adjustment • Throttle valve defective • Regulator valve defective
If the measured values at all positions are lower.	• Throttle cable out of adjustment • Throttle valve defective • Regulator valve defective • Oil pump defective • O/D direct clutch defective
If pressure is low in the D position only.	• D position circuit fluid leakage • Forward clutch defective
If pressure is low in the R position only.	• R position circuit fluid leakage • Direct clutch defective • First and reverse brake defective