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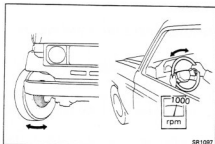
Bleeding of Power Steering System

1. CHECK FLUID LEVEL IN RESERVOIR TANK

Check the fluid level and add fluid if necessary.

Fluid: ATF DEXRON® or DEXRON® II

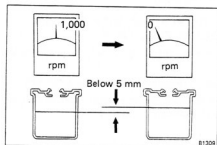
NOTE: Check that the fluid level is within the HOT LEVEL of the dipstick. If the fluid is cold, check that it is within the COLD LEVEL of the dipstick.



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2. START ENGINE AND TURN STEERING WHEEL FROM LOCK TO LOCK THREE OR FOUR TIMES

Run the engine at 1,000 rpm or less.



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3. CHECK THAT FLUID IN RESERVOIR IS NOT FOAMY OR CLOUDY AND DOES NOT RISE OVER MAXIMUM WHEN ENGINE IS STOPPED

Measure the fluid level with the engine running. Stop the engine and measure the fluid level.

Maximum rise: 5 mm (0.20 in.)

If a problem is found, repeat step 7. Repair the PS pump if the problem persists.

Oil Pressure Check

1. CONNECT PRESSURE GAUGE

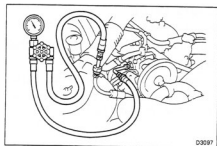
- (a) Using SST, remove the pressure line from the PS pump.

SST 09631-22020

- (b) Connect the gauge side of the pressure gauge to the PS pump and the valve side to the pressure line.

- (c) Bleed the system. Start the engine and turn the steering wheel from lock to lock two or three times.

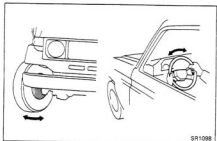
- (d) Check that the fluid level is correct.



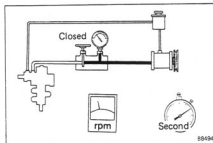
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2. CHECK THAT FLUID TEMPERATURE IS AT LEAST 80°C (176°F)

3. START ENGINE AND RUN IT AT IDLE



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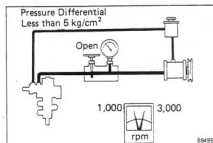
4. CHECK FLUID PRESSURE READING WITH VALVE CLOSED

Close the pressure gauge valve and observe the reading on the gauge.

Minimum pressure: 75 kg/cm² (1,067 psi, 7,355 kPa)

NOTE: Do not keep the valve closed for more than 10 seconds.

If pressure is low, repair or replace the PS pump.



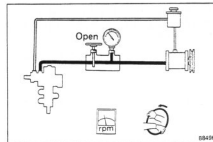
5. FULLY OPEN VALVE

6. CHECK AND RECORD PRESSURE READING AT 1,000 RPM

7. CHECK AND RECORD PRESSURE READING AT 3,000 RPM

Check that there is less than 5 kg/cm² (71 psi, 490 kPa) difference in pressure between the 1,000 rpm and 3,000 rpm checks.

If the difference is excessive, repair or replace the flow control valve of the PS pump.



8. CHECK PRESSURE READING WITH STEERING WHEEL TURNED TO FULL LOCK

Be sure the pressure gauge valve is fully opened and the engine idling.

Minimum pressure: 75 kg/cm² (1,067 psi, 7,355 kPa)

If pressure is low, the gear housing has an internal leak and must be repaired or replaced.



9. MEASURE STEERING EFFORT

Center the steering wheel and run the engine at idle.

Using a scale, measure the steering effort in both directions.

Maximum steering effort: 4 kg (8.8 lb, 39 N)

If steering effort is excessive, repair the power steering unit.

NOTE: Be sure to consider the tire type, pressure and contact surface before making your diagnosis.