



ENGINE OIL PRESSURE TEST

Service tools:

LRT-12-052: Pressure test equipment



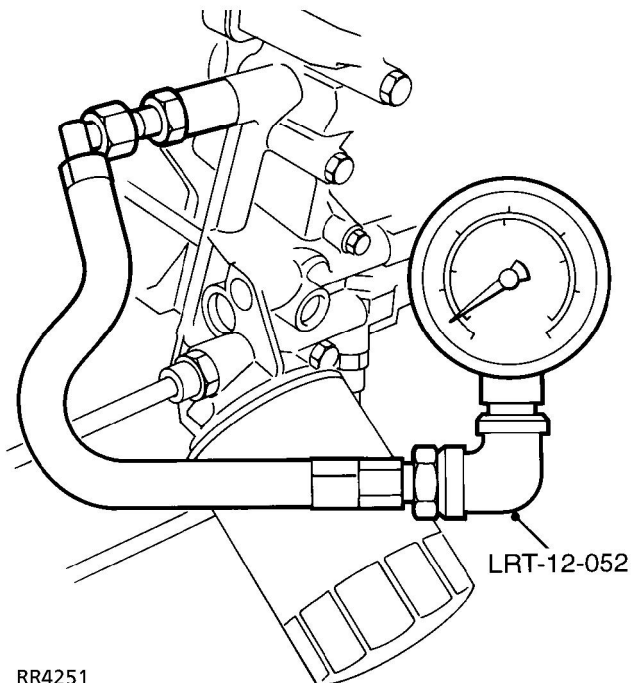
WARNING: Use suitable exhaust extraction equipment, if test is being carried out in workshop.



WARNING: If vehicle has been running, engine oil will be hot, care must be taken when fitting equipment to prevent personal injury due to scalding.

Test

1. Check lubricant is to correct level.
2. Place vehicle on a ramp [hoist].
3. Disconnect battery negative lead. Remove oil pressure switch.
4. Fit the test gauge.
5. Reconnect battery negative lead.
6. Start and run engine to normal operating temperature.
7. At a steady engine speed of 2500 rev/min - engine oil pressure reading should be - 2.75 bar (40 lbf/in²).
8. If the pressure is low - Remove and overhaul oil pump



CYLINDER COMPRESSION - TEST

Equipment:

Compression pressure gauge

Test

1. Start and run engine until normal engine operating temperature is achieved (thermostat open).
2. Remove all spark plugs.
3. Disconnect both coil negative (WB) leads
4. Insert compression gauge, crank engine until reading stabilises.
5. Expected readings, throttle fully open, battery fully charged:
 - 8.31:1 = 10.2-10.9 bar, 150-160lbf/in²
 - 9.35:1 = 11.5-12.2 bar, 170-180lbf/in²