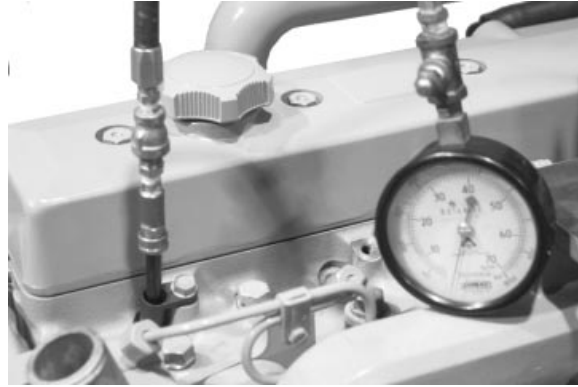


- Install JT01679¹ Adapter with O-ring (or D14550BA² Adapter) in injection nozzle bore. Use JT02017 Holding Clamp¹ to hold JT01679 Adapter in position. Install hold-down screw in clamp and tighten screw to 37 N•m (27 lb-ft). Attach JT01682¹ Test Gauge (or D14547BA²) to adapter.

NOTE: If using FKM10021 Compression Test Set, install 19.58—90.578 Adapter (A) in injection nozzle bore with R73788 Nozzle Spacer (B) and two R92352 Nozzle Seals (C). Use holding plate (D) to secure. Then attach FKM10022 Test Gauge (E) to adapter.



Compression Tester in Nozzle Bore

RG7769 -UN-15JAN98

- Push throttle lever to "STOP" position. Turn crankshaft for 10—15 seconds with starter motor (minimum cranking speed—150 rpm cold/200 rpm hot).

- Compare readings from all cylinders. Compression pressure must be within specification.

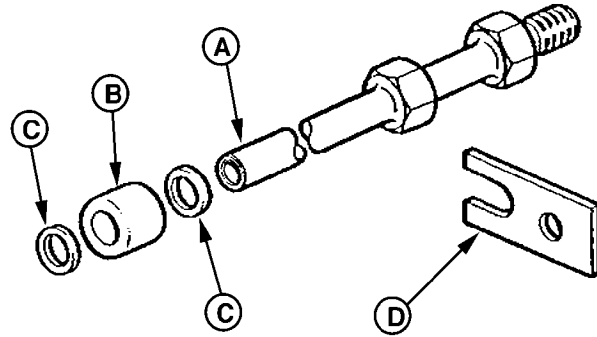
Specification

Engine Compression Pressure.....	2400 kPa (24 bar)
Test Engine Compression Pressure: Minimum	(350 psi)
Maximum Difference between.....	350 kPa (3.5 bar) (50 psi)
Cylinders	

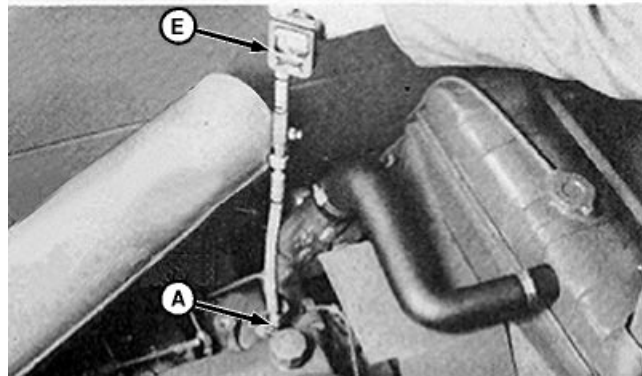
NOTE: Pressure given was taken at 183 m (600 ft) above sea level. A 3.6 percent reduction in gauge pressure will result for each additional 300 m (1000 ft) rise in altitude.

All cylinders within an engine should have approximately the same pressure. There should be less than 340 kPa (3.4 bar) (50 psi) difference between cylinders.

- If pressure is much lower than shown, remove gauge and apply oil to ring area of piston through injection nozzle bore. Do not use too much oil. Do not get oil on the valves.



RGCD30432 -UN-31OCT97



Compression Tester Adapters

RG9139 -UN-18MAY98

- A—19.58—90.578 Adapter
- B—R73788 Nozzle Spacer
- C—R92352 Nozzle Seal
- D—Holding Plate
- E—FKM10022 Test Gauge

¹ Part of JT01674 Compression Test Set

²Part of D14546BA Compression Test Set