

ON-VEHICLE SERVICE

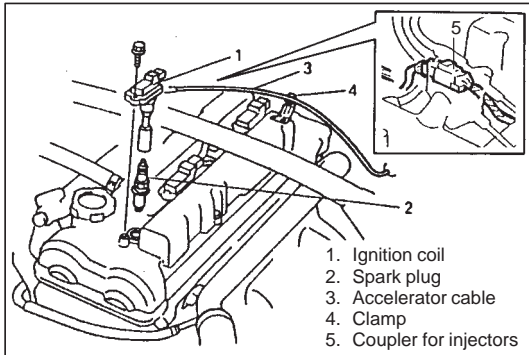
COMPRESSION CHECK

Check compression pressure on all 4 cylinders as follows:

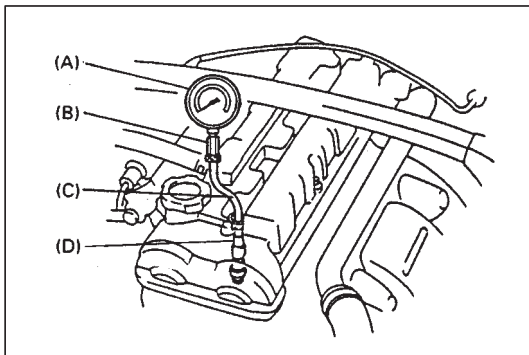
- 1) Warm up engine.
- 2) Stop engine after warming up.

NOTE:

After warming up engine, place transmission gear shift lever in "Neutral" (shift selector lever to "P" range for A/T model), and set parking brake and block drive wheels.



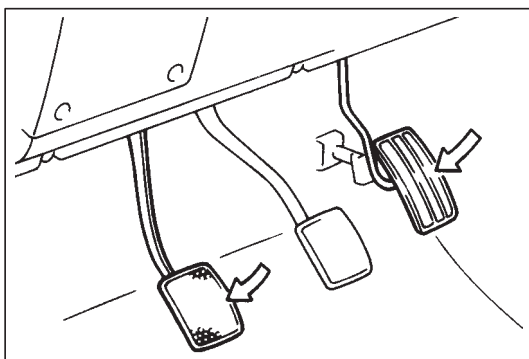
- 3) Disconnect accelerator cable from clamp (For LH steering vehicle only).
- 4) Disconnect ignition coil couplers.
- 5) Remove ignition coils.
- 6) Remove all spark plugs.
- 7) Disconnect fuel injector wires at the coupler.



- 8) Install special tool (Compression gauge) into spark plug hole.

Special Tool

- (A): 09915-64510-001
 (B): 09915-64510-002
 (C): 09915-64530
 (D): 09915-67010



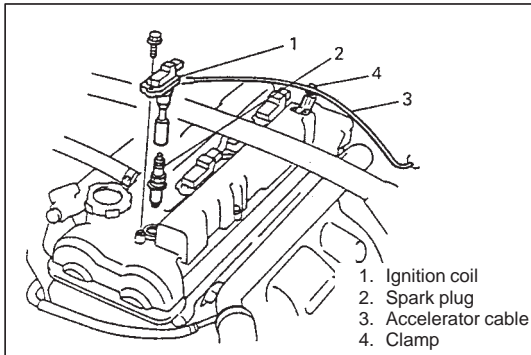
- 9) Disengage clutch (to lighten starting load on engine) for M/T vehicle, and depress accelerator pedal all the way to make throttle fully open.

- 10) Crank engine with fully charged battery, and read the highest pressure on compression gauge.

NOTE:

For measuring compression pressure, crank engine at least 250 r/min. by using fully charged battery.

	Compression pressure
Standard	1400 kPa (14.0 kg/cm ² , 199.0 psi)
Limit	1200 kPa (12.0 kg/cm ² , 170.0 psi)
Max. difference between any two cylinders	100 kPa (1.0 kg/cm ² , 14.2 psi)



- 11) Carry out steps 8), 9) and 10) on each cylinder to obtain 4 readings.
- 12) After checking, install spark plugs and ignition coils.
- 13) Connect ignition coil couplers.
- 14) Connect accelerator cable to clamp (For LH steering vehicle only).