

# Engine Tune-up

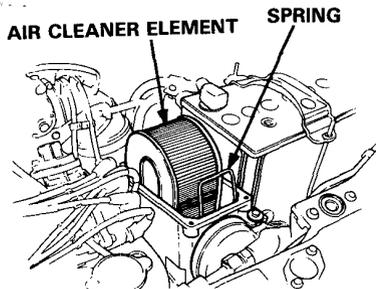
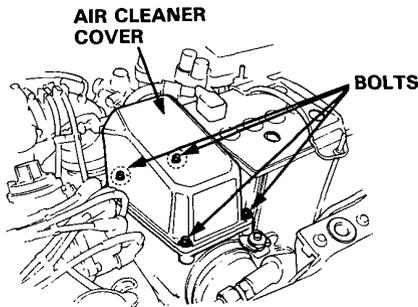
## Air Cleaner Element Inspection/Replacement

1. Remove the four bolts and the air cleaner cover.
2. Remove the air cleaner element after extracting the spring.
3. Check the air cleaner element for fouling.

NOTE: No cleaning is necessary for the air cleaner element, because its filter takes in oil (: viscous type).

Replace: every two years

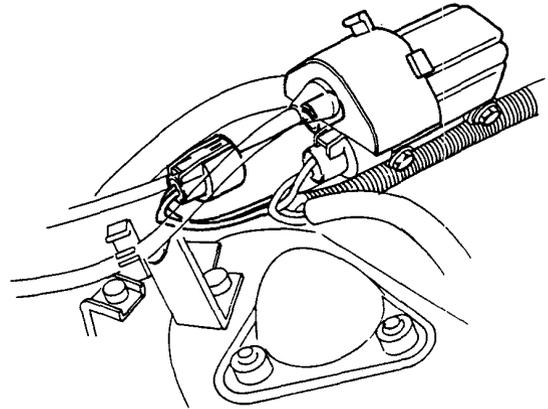
- The air cleaner element should be replaced more frequently on cars normally used under severe driving conditions.



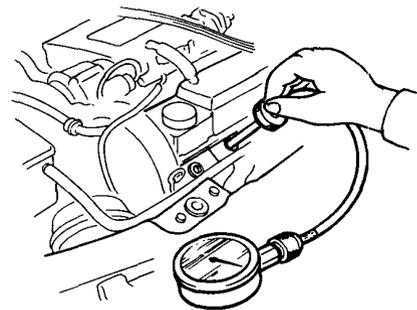
4. Install the air cleaner element in the reverse order of removal.

## Compression Pressure Inspection

1. Before inspection, run the engine until it warms up (radiator fan comes on).
2. Disconnect the 2-P connector (ignition coil primary lead) from the distributor.



3. Disconnect spark plugs (6).
4. Fit the compression gauge adapter into a plug hole.
  - Measure compression pressure at each cylinder.



### Compression pressure

Standard: 1,117 kPa (12.0 kg/cm<sup>2</sup>, 171 psi)  
at 200 min<sup>-1</sup> (rpm)

Limit: 981 kPa (10.0 kg/cm<sup>2</sup>, 142 psi)  
at 200 min<sup>-1</sup> (rpm)

Difference between cylinders:  
169 kPa (2.0 kg/cm<sup>2</sup>, 28 psi)

NOTE: Use a full charged battery.

5. If compression pressure is low, it is caused by wear or damage of piston rings or head gasket, and improper seated valves.