



Cylinder Head/Valve Train

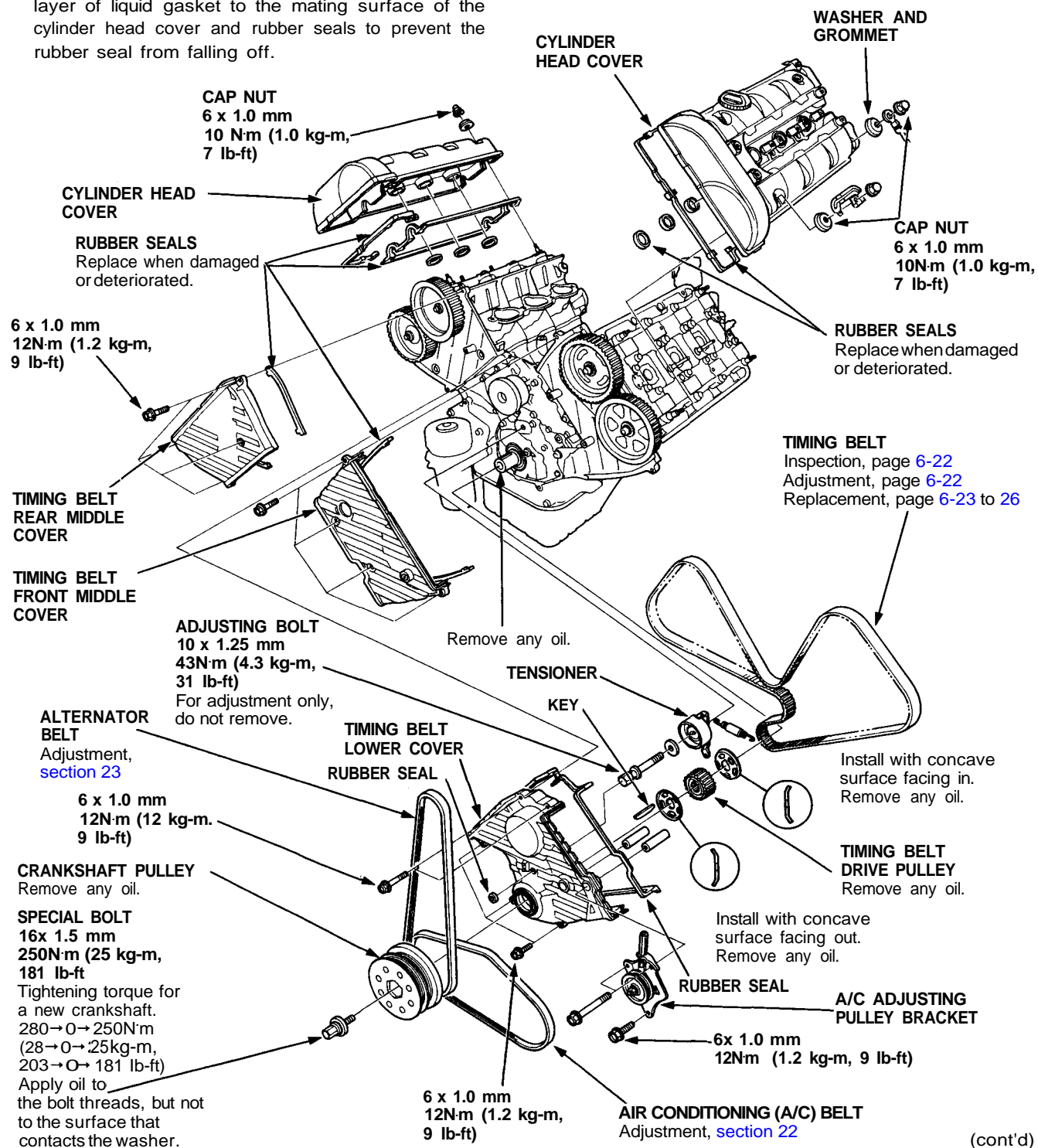
Illustrated Index

CAUTION: To avoid damaging the cylinder head, wait until the engine coolant temperature drops below 100 °F (38 °C) before removing it.

NOTE:

- Use new O-rings and gaskets when reassembling.
- Replace rubber seals, if damaged or deteriorated.
- Prior to installing the cylinder head cover, apply a thin layer of liquid gasket to the mating surface of the cylinder head cover and rubber seals to prevent the rubber seal from falling off.

- After installation, fill the engine with oil up to the specified level, run the engine for more than 3 minutes, then check for oil leakage.
- When installing the new crankshaft;
 - ① tighten the crankshaft pulley bolt to 280 N·m (28 kg-m, 203 lb-ft), ② loosen bolt. ③ retighten it to 250 N·m (25 kg-m, 181 lb-ft).



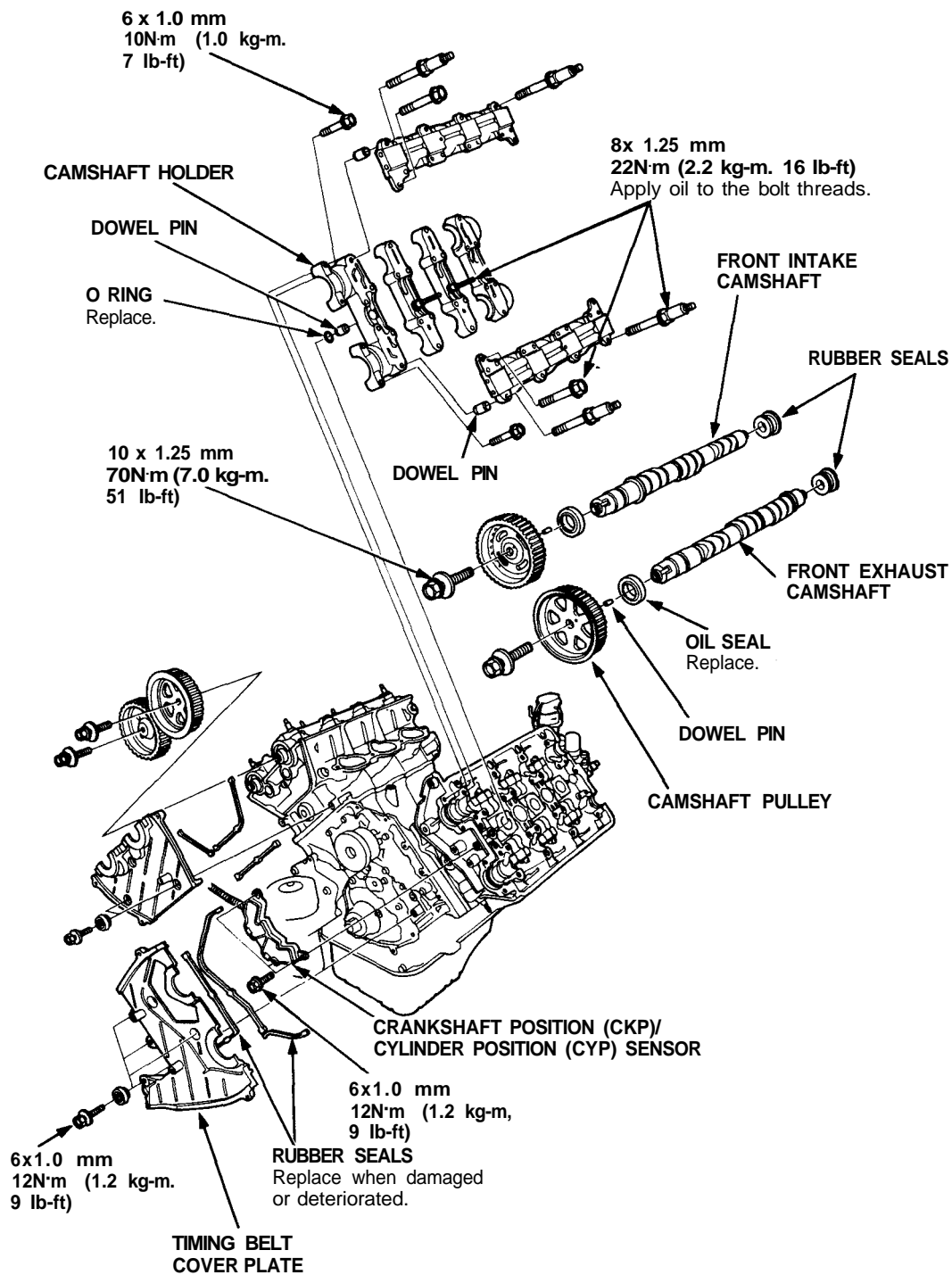
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Cylinder Head/Valve Train

Illustrated Index (cont'd)

NOTE:

- Use new O-rings and gaskets when reassembling.
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REAR VARIABLE VALVE TIMING AND VALVE LIFT ELECTRONIC CONTROL SYSTEM (VTEC) SOLENOID VALVE
Troubleshooting, page 6-15, 16

EXHAUST GAS RECIRCULATION (EGR) VALVE

6x1.0mm
12N·m (1.2kg-m,
9 lb-ft)

8x 1.25mm
22N·m (2.2 kg-m,
16 lb-ft)

ENGINE COOLANT TEMPERATURE (ECT) SENSOR
180 N·m (1.8 kg-m, 13 lb-ft)

FILTER
Replace.

8x 1.25mm
22N·m (2.2 kg-m, 16 lb-ft)

FRONT VTEC SOLENOID VALVE
Troubleshooting, page 6-15, 16

GASKET
Replace.

ROCKER SHAFTS

WASHERS
Replace.

SEALING BOLTS
60N·m (6.0 kg-m,
43 lb-ft)

OIL PRESSURE GAUGE SENDING UNIT (section 23)

O-RING
Replace.

8x 1.25mm
22N·m (2.2 kg-m,
16 lb-ft)

DOWEL PIN

O-RING
Replace.

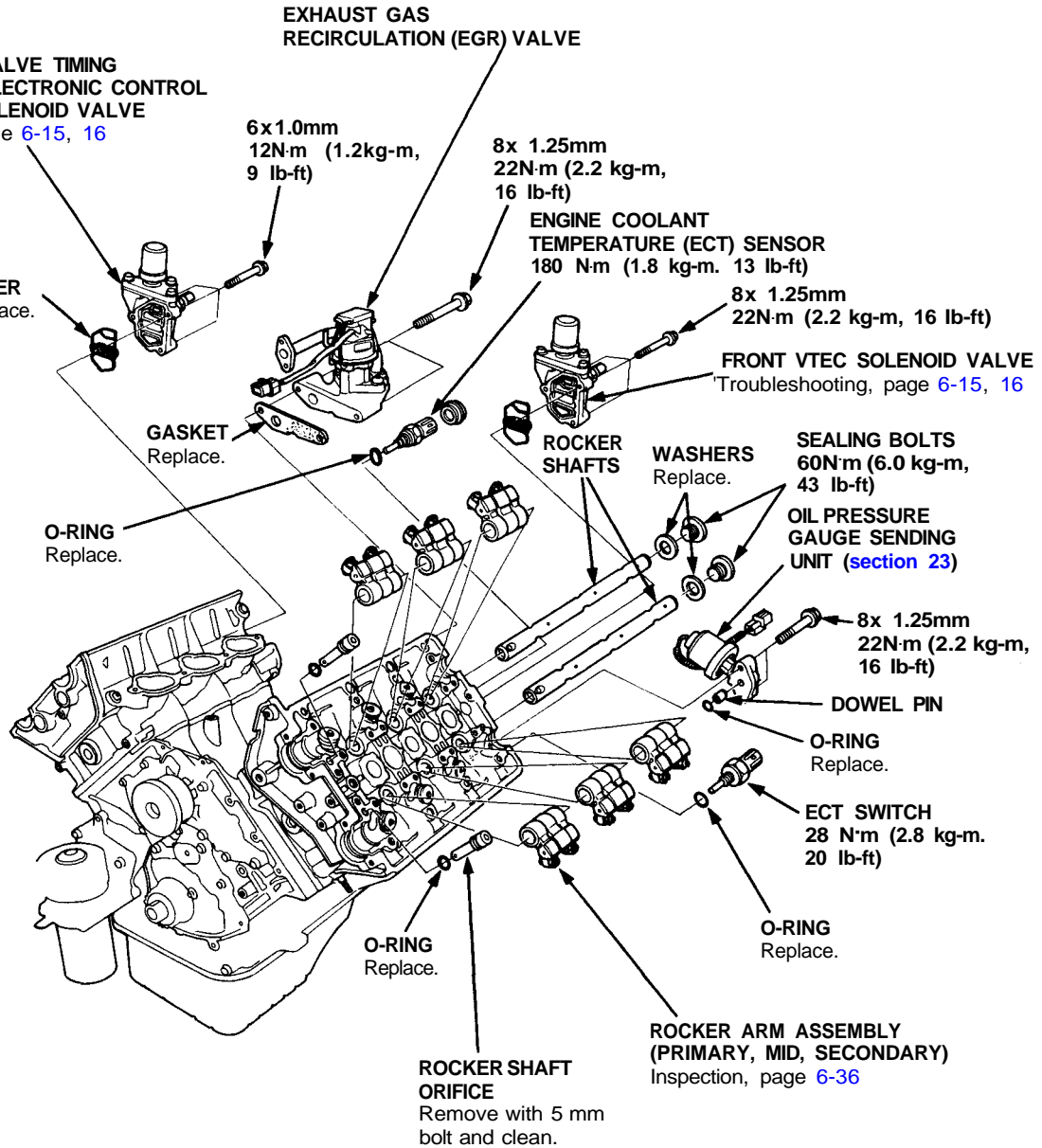
ECT SWITCH
28 N·m (2.8 kg-m,
20 lb-ft)

O-RING
Replace.

O-RING
Replace.

ROCKER ARM ASSEMBLY (PRIMARY, MID, SECONDARY)
Inspection, page 6-36

ROCKER SHAFT ORIFICE
Remove with 5 mm bolt and clean.



(cont'd)

Cylinder Head/Valve Train

Illustrated Index (cont'd)

CAUTION:

- To avoid damaging the cylinder head, wait until the engine coolant temperature drops below 100°F (38°C) before removing it.
- In handling a metal gasket, care should be taken not to fold it or damage the contact surface of the gasket.

NOTE: Use new O-rings and gaskets when reassembling.



Prior to reassembling, clean all the parts in solvent, dry them, and apply lubricant to any contact parts.

