

REMOVAL AND INSTALLATION (Continued)

- Remove cylinder head cover retaining bolts and remove cover.

Installation

NOTE: Lightly oil all bolt and stud threads before installation. Using solvent, clean cylinder head and rocker arm cover sealing surfaces to remove all gasket material and dirt.

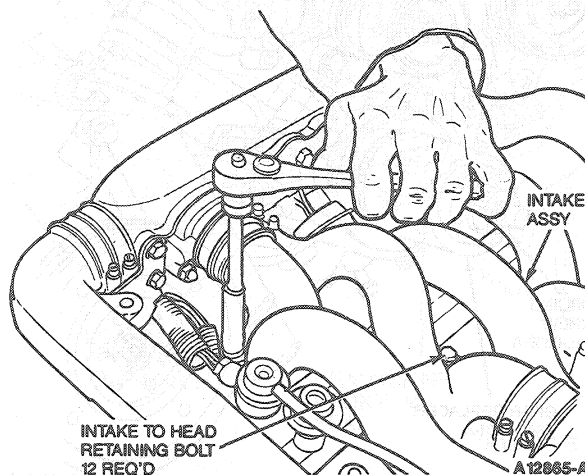
- Install new gasket and three spark plug hole gaskets on cover. Position cover on the cylinder head and install retaining bolts. Tighten retaining bolts to 9.8-16 N·m (7-12 lb-ft).
- If LH cylinder head cover is being installed, perform the following:
 - Install coil pack plastic cover.
 - Install oil fill cap.
- If RH cylinder head cover is being installed, connect fuel lines.
- Connect spark plug wires.
- Install upper intake manifold as outlined.
- Connect all vacuum lines and electrical connectors to intake manifold assembly.
- Connect battery ground cable.
- Start engine and check for fuel, coolant and oil leaks.

Intake Manifold

Removal

- Partially drain engine cooling system.
- Disconnect battery ground cable.
- Disconnect electrical connectors and vacuum lines from intake assembly.
- Remove air cleaner tube.
- Disconnect coolant lines and cables from throttle body.
- Remove four bolts retaining upper intake brackets.

- Loosen four lower bolts and remove brackets.
- Remove 12 bolts retaining intake manifold to cylinder heads.
- Remove intake manifold assembly and gaskets.



Installation

NOTE: Lightly oil all retaining bolts and stud threads before installation.

NOTE: The intake gasket is reusable.

- Position gasket on cylinder head.
- Position intake manifold on the cylinder heads.
- Install 12 retaining bolts. Tighten bolts to 15-23 N·m (11-17 lb-ft).
- Install intake manifold brackets. Tighten retaining bolts to 15-23 N·m (11-17 lb-ft).
- Connect coolant lines and cables to throttle body.
- Connect all electrical connectors and vacuum lines to intake manifold.
- Install air cleaner tube.
- Fill cooling system.
- Connect battery ground cable.