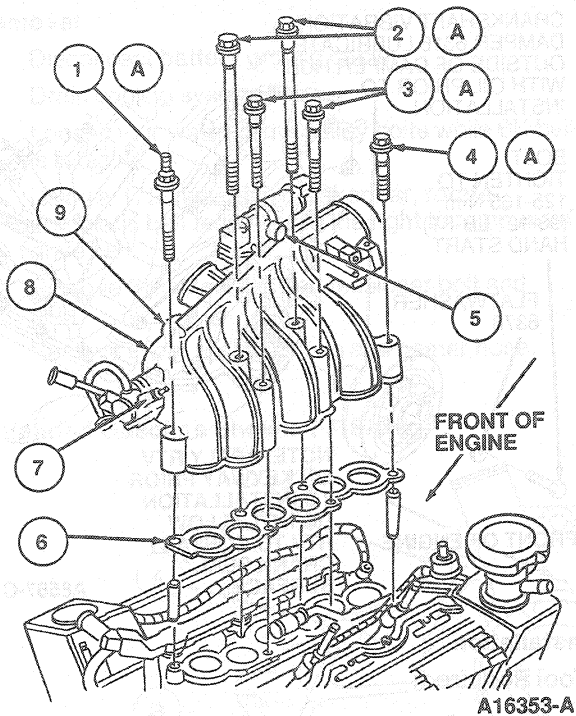


IN-VEHICLE SERVICE (Continued)

Flexible Fuel Vehicles Only



Item	Part Number	Description
1A	—	Stud Bolt
2A	—	Bolt M8 x 1.25 x 130 (2 Req'd)
3A	—	Bolt M8 x 1.25 x 100 (2 Req'd)
4A	—	Bolt M8 x 1.25 x 68
5	—	Purge Port
6	9H486	Intake Manifold Upper Gasket
7	9F880	Cold Start Injector
8	9E926	Throttle Body
9	9A474	Intake Manifold Vacuum Outlet Fitting and Cap
A		Tighten to 25 N·m (19 Lb-Ft)

13. Loosen and remove five throttle body retaining bolts and one stud bolt noting their locations.
14. Lift and remove throttle body assembly from intake manifold. Discard old intake manifold upper gasket (9H486).
15. If replacing throttle body, remove IAT (Unleaded Gasoline Only) or CSI (FF only), refer to Section 03-04A. Remove PFE or DPFE sensor and bracket, intake manifold vacuum outlet fitting and cap (9A474) and EGR valve assembly. Discard old EGR valve gasket.

Installation

NOTE: Lightly oil all bolt and stud bolt threads prior to installation.

1 Can purchased as a separate item.

CAUTION: Use care when cleaning gasket material as aluminum gouges easily.

1. Clean and inspect sealing surfaces of intake manifold and throttle body.
2. Install guide pins if available.
3. Place intake manifold upper gasket on intake manifold.
4. If throttle body was replaced, install IAT sensor (unleaded gasoline only), tighten to 20 N·m (15 lb-ft). Install CSI and gasket (FF only) as outlined in Section 03-04A, tighten bolts to 10 N·m (7 lb-ft). Install PFE or DPFE sensor and bracket 10 N·m (7 lb-ft), intake manifold vacuum outlet fitting and cap 11 N·m (8 lb-ft) and EGR valve assembly 25 N·m (19 lb-ft) with new gasket.
5. Aligning bolt holes, install throttle body on intake manifold. Install one stud bolt and five retaining bolts. Tighten to 20-30 N·m (15-22 lb-ft).
6. On 3.0L FF, install fuel supply inlet and outlet hoses to CSI as outlined in Section 03-04A.
7. Install generator brace to throttle body and generator bracket. Tighten nuts to 16 N·m (12 lb-ft).
8. Connect PCV hose to tube underneath throttle body.
9. Install EGR valve to exhaust manifold tube (9D477) to EGR valve and EGR valve tube to manifold connector. Tighten to 35-65 N·m (26-48 lb-ft).
10. Connect PFE sensor hose or DPFE sensor hoses (depending upon application) to EGR tube.
11. Connect vacuum hoses to their premarked locations.
12. Connect electrical connections to IAT (unleaded gasoline only), CSI (FF only), IAC, PFE or DPFE sensor and TP sensor.
13. Install throttle cable bracket. Tighten two retaining bolts to 17 N·m (13 lb-ft).
14. Connect throttle cable and speed control cable (if so equipped) to throttle body lever.
15. Connect air cleaner outlet tube to throttle body and engine air cleaner (9600). Tighten clamp to 2.7-5.4 N·m (28-48 lb-in).
16. Connect negative battery terminal.
17. Start engine and check for vacuum leaks.
18. Check engine idle. Adjust as necessary as described in the Powertrain Control / Emissions Diagnosis Manual¹.
19. Install snowshield onto idle air control valve. Tighten screws to 10 N·m (7 lb-ft).

Crankshaft Pulley / Damper / Front Oil Seal**Tools Required:**

- Crankshaft Damper Remover T58P-63 16-D