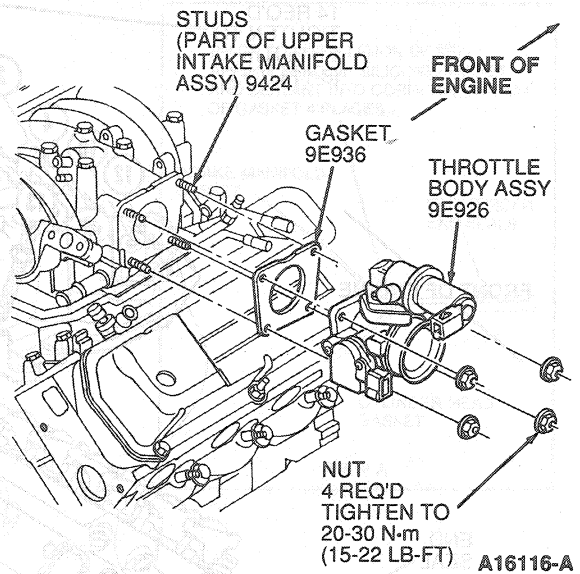


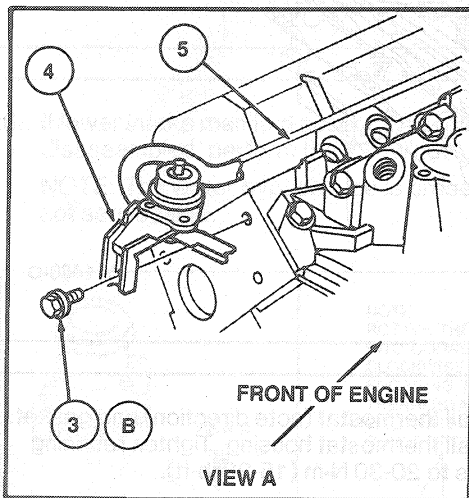
## IN-VEHICLE SERVICE (Continued)

6. Carefully lower intake manifold into position on cylinder block and cylinder heads. Use locating pins as necessary to guide intake manifold.
7. Install bolts in their original locations. Tighten in numerical sequence to the following specifications in two steps:
  - 11 N·m (8 lb-ft)
  - 15 N·m (11 lb-ft)
8. Connect rear PCV line to upper intake tube.
9. Install front PCV tube so the mounting bracket sits over the lower intake stud.
10. Install injectors and fuel rail assembly. Tighten screws to 8-11 N·m (6-8 lb-ft).  
NOTE: Use locating pins to secure position of gasket between manifolds.
11. Position intake manifold upper gasket and intake manifold on top of lower intake.
12. Install bolts and studs in original locations. Tighten four center bolts, then tighten the end bolts. Use the same sequence used in Step 7.
13. Install EGR valve assembly on manifold. Tighten retaining nuts to 20-30 N·m (15-22 lb-ft).

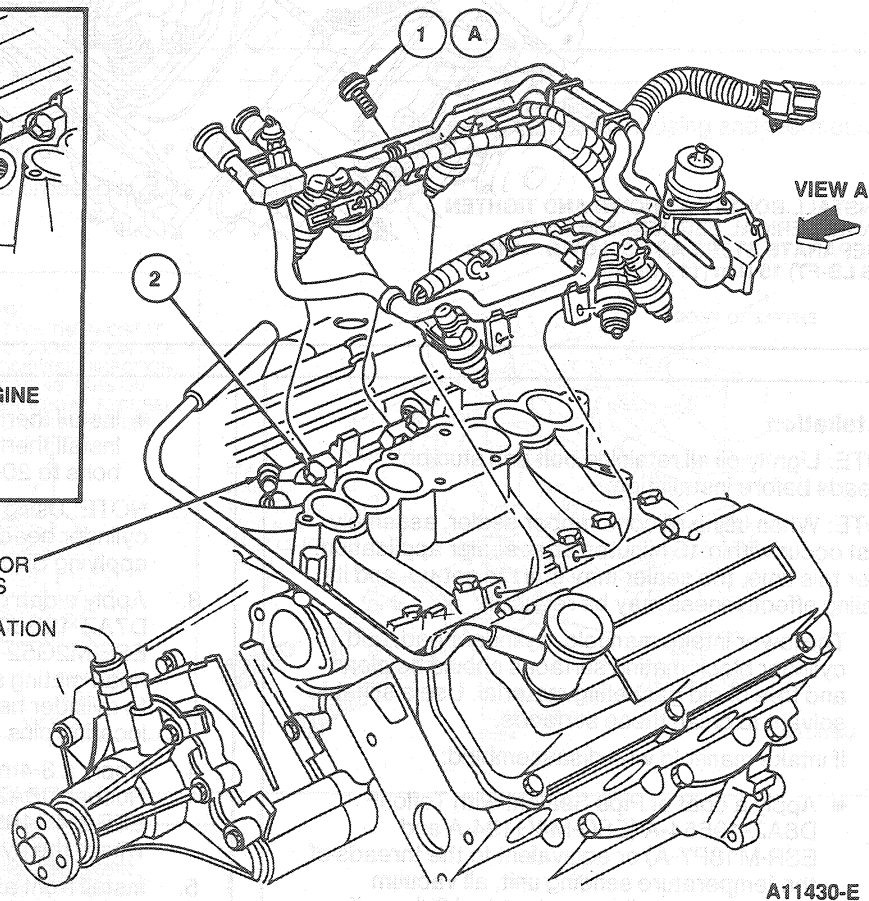
14. Install throttle body. Cross-tighten retaining nuts to 20-30 N·m (15-22 lb-ft).



15. Connect rear PCV line at PCV valve and upper intake manifold.



NOTE:  
LUBRICATE INJECTOR  
BORES OR O-RINGS  
WITH MOTOR OIL  
PRIOR TO INSTALLATION  
6 PLACES



A11430-E