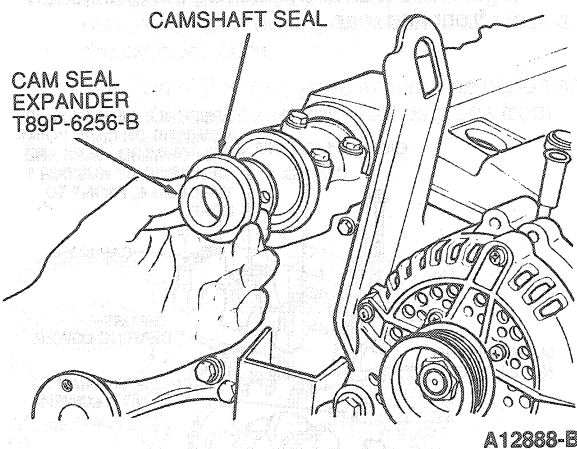
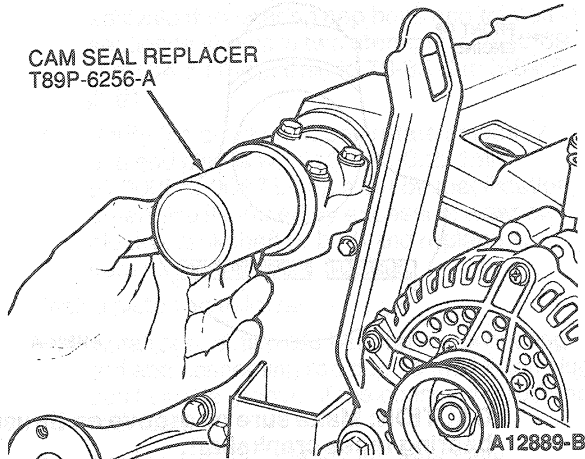


## REMOVAL AND INSTALLATION (Continued)

2. Apply Silicone Rubber D6AZ-19562-BA (ESB-M4G92-A AND ESE-M4G195-A) or equivalent to seal outer diameter and seal seating surface.
3. Install camshaft seal using Cam Seal Expander T89P-6256-B and Cam Seal Replacer T89P-6256-A.



4. Install camshaft pulley(s). Tighten retaining bolts to 21-25 N·m (15-18 lb-ft). Ensure proper installation of dowel pin(s).
5. Install timing belt and belt cover. Refer to timing belt Removal and Installation as outlined in this section.

## DISASSEMBLY AND ASSEMBLY

## Engine

NOTE: Reference to the EGR system is for 3.2L SHO engines only.

## Tools Required:

- Puller T67L-3600-A
- Rotunda Piston Ring Compressor 014-00290

## Disassembly

1. Remove flywheel and rear cover plate.
2. Loosen idler pulley nuts.
3. Turn belt adjusting screws counterclockwise to loosen belts.
4. Remove generator / A/C belt (6 rib) and power steering / water pump belt (4 rib).
5. Remove generator retaining bolts and remove generator.
6. Remove generator bracket.
7. Remove A/C compressor retaining bolts and remove compressor.
8. Remove engine lifting eye retaining bolts and remove lifting eye.
9. Remove A/C compressor bracket.
10. Remove power steering pump retaining bolts and remove power steering pump.
11. Remove power steering pump bracket.
12. Remove retaining bolts from idler pulley brackets and remove.
13. Remove exhaust heat shield retaining bolts and remove heat shield.
14. Disconnect EGR valve to exhaust manifold tube (9D477) from RH exhaust manifold.
15. Remove exhaust manifolds and gaskets.
16. Disconnect electrical connectors and vacuum lines from intake manifold.
17. Disconnect EGR valve to exhaust manifold tube from EGR valve (9D475).
18. Remove intake manifold bracket bolts and remove brackets.
19. Remove 12 bolts retaining intake manifold to cylinder head.
20. Remove intake manifold assembly.
21. Remove upper timing belt cover retaining bolts and remove upper timing belt cover.
22. Remove spark plug connectors and ignition lead.
23. Remove spark plugs.
24. Remove crankshaft damper pulley using Puller T67L-3600-A.
25. Remove lower timing belt cover retaining bolts and remove lower timing belt cover.
26. Remove center timing belt cover retaining bolts and remove center timing belt cover.
27. Loosen timing belt tensioner nut. Using an Allen wrench, rotate tensioner so that tension is released from timing belt, and tighten nut.
28. Remove timing belt.
29. Remove camshaft timing belt pulleys.
30. Remove upper rear timing belt cover retaining bolts and remove cover.
31. Remove center rear timing belt cover retaining bolts and remove cover.