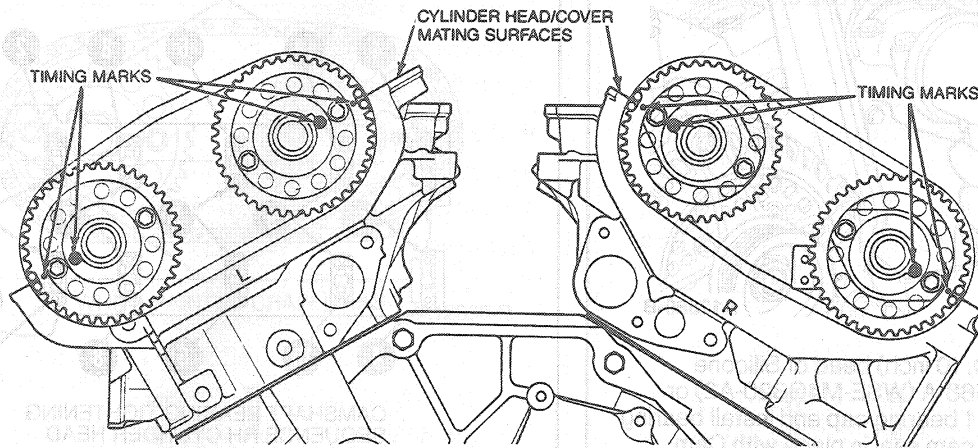


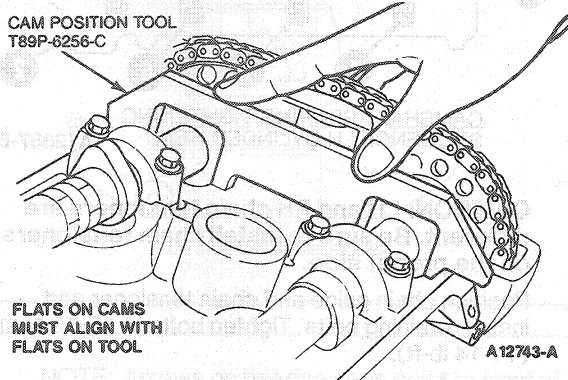
REMOVAL AND INSTALLATION (Continued)

10. Rotate camshafts 60 degrees clockwise and check for proper alignment of timing marks. Marks on camshaft sprockets should align with cylinder head cover mating surface as shown.



A12896-A

11. Set Cam Position Tool T89P-6256-C on camshafts to ensure correct positioning. Flats on tool should align with flats on camshaft. If tool does not fit and/or timing marks will not line up, repeat procedure from Step 1.



A12743-A

12. Install timing belt rear cover. Tighten bolts to 8.8 N-m (78 lb-in).
13. Install camshaft pulley(s). Tighten bolts to 21-25 N-m (15-18 lb-ft). Ensure proper installation of dowel pin(s).
14. Install timing belt and cover as outlined.
15. Install cylinder head cover(s). Tighten bolts to 9.8-16 N-m (7-12 lb-ft).
16. Install intake manifold assembly as outlined.

Camshaft Seal(s)**Tools Required:**

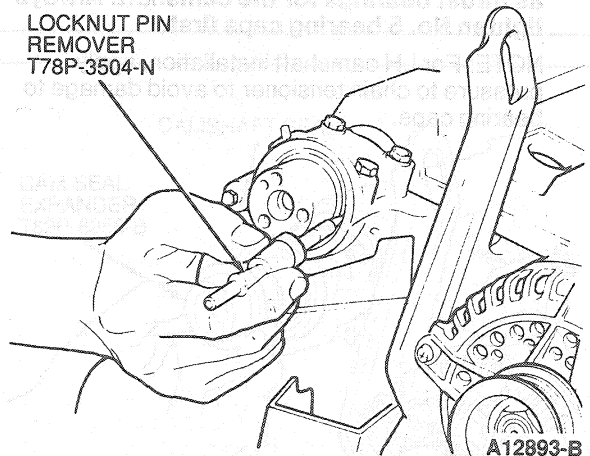
- Locknut Pin Remover T78P-3504-N

- Cam Seal Replacer T89P-6256-A
- Cam Seal Expander T89P-6256-B

Removal

1. Set engine to TDC on No. 1 Cylinder.
2. Remove timing belt upper cover. Refer to Timing Belt Removal and Installation.
3. Remove timing belt from camshaft pulleys.
4. Remove crankshaft pulley(s). Note location of dowel pin(s).
5. Remove camshaft seal with Locknut Pin Remover T78P-3504-N.

LOCKNUT PIN
REMOVER
T78P-3504-N



A12893-B

Installation

1. Clean and inspect seal surface area.