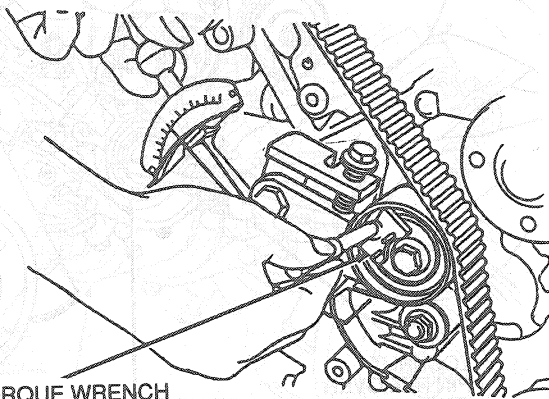


## REMOVAL AND INSTALLATION (Continued)

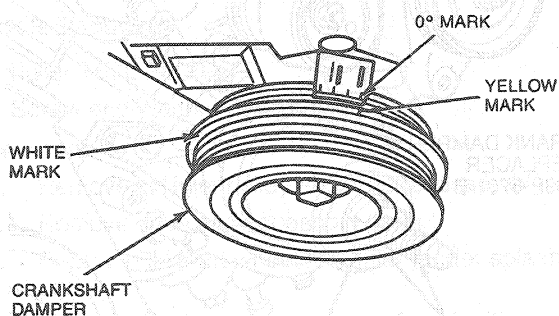
12. Using Inch Pound Torque Wrench D81L-600-A or equivalent, rotate Torque Wrench Attachment T93P-6254-A clockwise to 0.5 N·m (4.3 lb-in).



TORQUE WRENCH  
ATTACHMENT  
T93P-6254-A

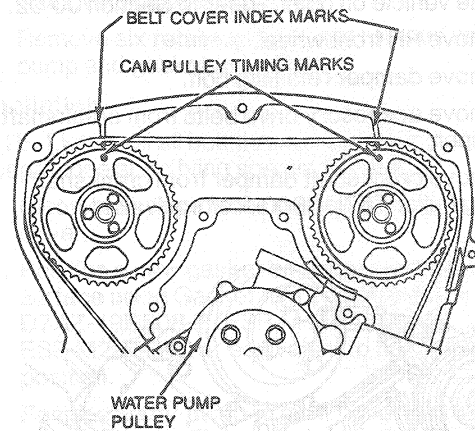
A16356-A

13. Tighten timing belt tensioner bolts to 36-50 N·m (27-37 lb-ft). Then remove Belt Tensioning Tool T93P-6254-B.
14. Raise vehicle on hoist. Refer to Section 00-02.
15. Install belt guide and lower timing belt cover. Tighten retaining bolts to 16-23 N·m (12-17 lb-ft).
16. Install crankshaft damper using Crankshaft Seal Installer / Cover Aligner T88T-6701-A with forcing screw from Vibration Damper and Seal Installer T82L-6316-A.
17. Rotate crankshaft two revolutions in the clockwise direction until the yellow mark on damper aligns with 0 degree mark on lower timing belt cover.



A13085-A

18. Lower vehicle.
19. Ensure index marks on camshaft pulleys align with marks on rear metal timing belt cover.



A12900-A

20. Route crankshaft sensor wiring and connect with engine wiring harness.
21. Install center timing belt cover. Tighten retaining bolts to 16-23 N·m (12-17 lb-ft).
22. Install upper timing belt cover. Tighten retaining bolts to 16-23 N·m (12-17 lb-ft).
23. Install water pump pulley. Tighten retaining nut to 16-23 N·m (12-17 lb-ft).
24. Install single accessory drive belt while rotating accessory drive belt tension clockwise.
25. Connect surge tank fitting.
26. Install intake manifold cross over tube. Tighten bolts to 15-23 N·m (11-17 lb-ft).
27. Install engine roll damper.
28. Connect wiring to ignition control module (ICM).
29. Install battery.
30. Connect battery cables.
31. Raise vehicle.
32. Install splash shield.
33. Install RH front tire and wheel assembly. Tighten wheel lug nuts to 115-142 N·m (85-105 lb-ft).
34. Lower vehicle.

## Crankshaft / Damper / Front Oil Seal

## Tools Required:

- Puller T67L-3600-A
- Locknut Pin Remover T78P-3504-N
- Vibration Damper and Seal Installer T82L-6316-A
- Crankshaft Seal Installer / Cover Aligner T88T-6701-A
- Crankshaft Seal Installer / Cover Aligner Plate T88T-6701-A2
- Front Crank Seal Installer T89P-6701-B

## Removal

1. Loosen accessory drive belts.