

**► TASK** Verify engine mechanical timing.

**MAST**  
1A6

CDX Tasksheet Number: C899

Time off \_\_\_\_\_

Time on \_\_\_\_\_

Total time \_\_\_\_\_

1. Research the procedure and specifications for inspecting and replacing the timing belt components in the appropriate service information.
  - a. List the recommended change interval for the timing belt:  
\_\_\_\_\_ mi/km
  - b. List the flat rate time for removing and replacing the timing belt:  
\_\_\_\_\_ hrs
  - c. What other components does the manufacturer recommend changing at the same time as the timing belt?
  - d. List or print off and attach the steps for removing and replacing the timing belt:
  - i. Supervisor's/instructor's initials verifying approval to remove this timing belt: \_\_\_\_\_
2. With your instructor's permission, and following the specified steps, remove the timing belt.
3. Inspect the belt, pulleys, tensioner, cam seals, and water pump. List your observations for each:
4. Have your instructor verify removal of the timing belt and your observations:  
\_\_\_\_\_
5. Following the specified procedure, reinstall the timing belt, making sure the timing marks are properly aligned and the belt is properly tensioned. Do not install the timing cover yet.

6. Have your instructor verify installation of the timing belt and camshaft timing:  
\_\_\_\_\_
7. Reassemble any removed components and belts being careful to properly tighten all fasteners and accessory drive belts.
8. When everything is back together, carefully turn the engine by hand (ignition key off) at least two complete turns to verify there isn't a piston-to-valve interference.
9. If the engine turns over properly, start the engine, verify it is running properly, and make any timing or other adjustments.
10. Have your supervisor/instructor verify satisfactory completion of this procedure, any observations found, and any necessary action(s) recommended.

#### Performance Rating

CDX Tasksheet Number: C899

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Supervisor/instructor signature \_\_\_\_\_ Date \_\_\_\_\_