

15. Before the removal of the other camshaft, make sure the camshaft is held in place by the camshaft holder. Remove the camshaft holder in order to prevent damage to the camshaft or the holder.

16. Remove the valve stem.

Keep the stem in order so that the stem valve assembly is in the original location.

Important:

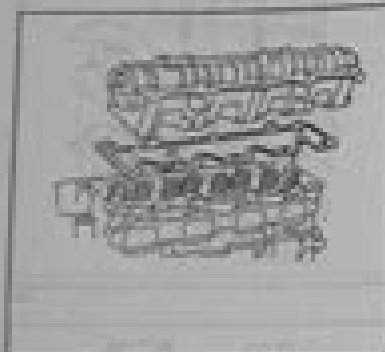
- These stems are not reversible. Replace any faulty stem.
- Coat the stem with Camshaft and Lifter Polishing Oil (P/N 1234567) or the equivalent.
- If new stems are installed, use the Engine Oil Supplement (OE P/N 1234567) or the equivalent in the engine oil.

17. In order to remove the stem, use the following procedure:

- Store stem upside down (the camshaft end surface down) on a level surface.
- Store the stem submerged in clean engine oil.

Important: Ensure that the camshaft housing alignment dowel pins are in the cylinder head and in the housing.

18. Remove the camshaft housing gasket.



Installation Procedure:

1. Install the camshaft housing in the cylinder head with a new gasket.

Ensure it is correctly aligned.

2. Loosely install the camshaft housing in the cylinder head but in order to hold the housing in place.

Important:

- Used stems must be returned to their original position in the camshaft housing.
- If the camshaft is being replaced, the stems must also be replaced.
- Install the stems into the stem holes.

Notes: The camshaft stems and the journals must be adequately lubricated to prevent engine damage at start-up when start up.

3. Coat the camshaft stems and the journals with the Camshaft and Lifter Polishing Oil (P/N 1234567) or the equivalent.

4. Install the camshaft in the same position as when removed.

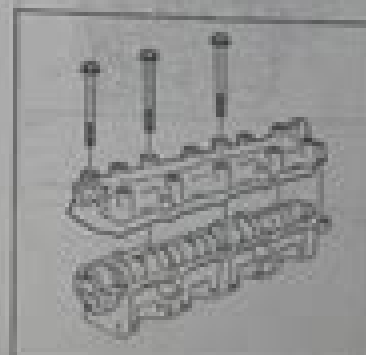
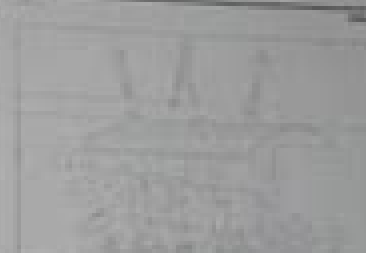
The timing chain sprocket drive pin should be brought up and fixed up with the camshaft at the 10 o'clock position.

5. Install the new camshaft housing in the cylinder head housing cover with the new gasket.

6. Remove the bolt holding the housing in place.

7. Apply pipe sealant (OE P/N 1234567) or the equivalent to the camshaft housing and the cover mating bolt threads.

8. Install the camshaft housing cover to the camshaft housing.



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