

CHAPTER 2

(D) Cylinder head

1. Remove the screw in the specified sequence shown in the figure and remove the cylinder head (1) and head gasket.
2. Remove the water flange (2).
3. Take out the tappets from the cylinder block.

NOTE:

- Mark the cylinder number to the tappets to prevent interchanging.

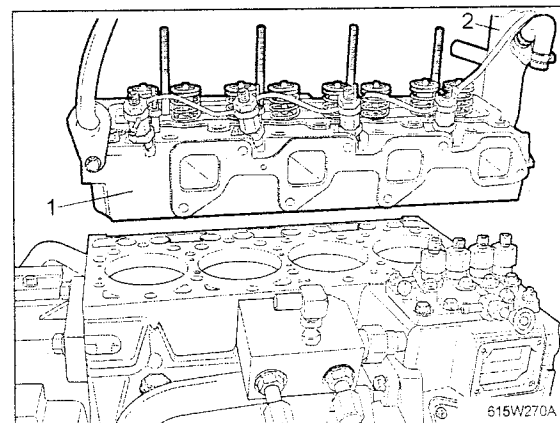
(When reassembling)

- Apply liquid gasket (Three bond 1215 or equivalent) on the both sides of water flange gasket.
- Replace the head gasket with new one and place on the cylinder block, be careful of its direction and side.
- When using the head gasket shim, assemble the shim first on the cylinder head.
- Before installing the tappets apply engine oil around them.

IMPORTANT:

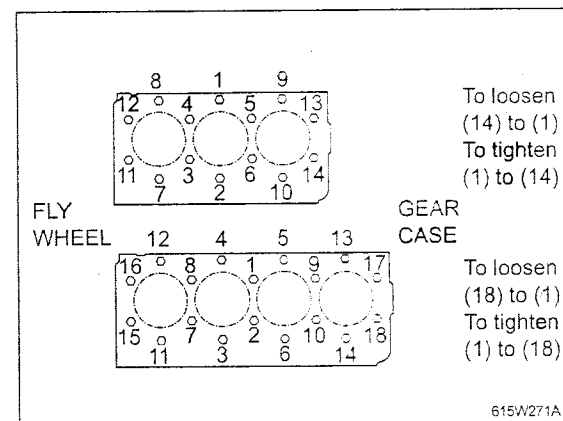
- Apply oil to the thread of screws and tighten in several steps and the specified sequence shown in the figure to the specified torque.
- Check the torque after 30 minutes operation of the assembled engine, and adjust valve clearance.

Tightening torque	Cylinder head screws	103.0 ~ 107.9 N·m 10.5 ~ 11.0 kgf·m 75.9 ~ 79.6 lbf·ft
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(1) Cylinder Head

(2) Water Flange



(E) Valve

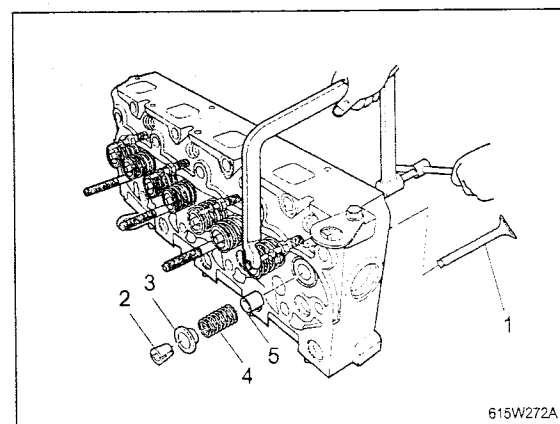
1. Compress the valve spring with a replaces and remove the collect (2).
2. Remove the retainer (3), valve spring (4), valve stem seal (5) and the valve (1).

IMPORTANT:

- Do **not** interchange valves and valve parts.
- Mark the cylinder number on the valve and the parts to prevent interchanging.

(When reassembling)

- Apply oil to the stem of valve and install in the cylinder head.
- Lubricate the valve and the parts after reassembling.



(1) Valve

(2) Collect

(3) Retainer

(4) Valve Spring

(5) Valve Stem Seal