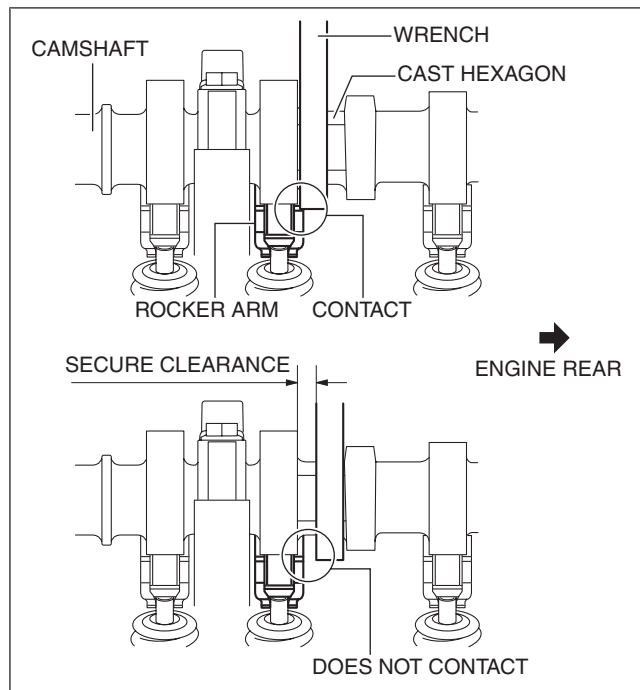


CYLINDER HEAD DISASSEMBLY (I)

id011000500400

Caution

- When rotating the camshaft using a wrench on the cast hexagon, the wrench may contact the rocker arm and damage the rocker arm. To prevent damage to the rocker arm when holding the camshaft on the cast hexagon, use the wrench at engine rear side as shown in the figure to secure a clearance between the cam.

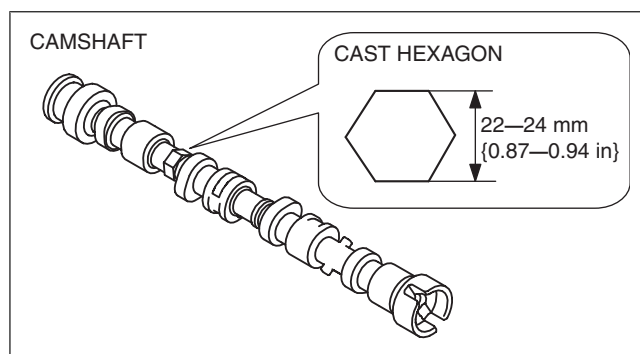


am3uuw00008837

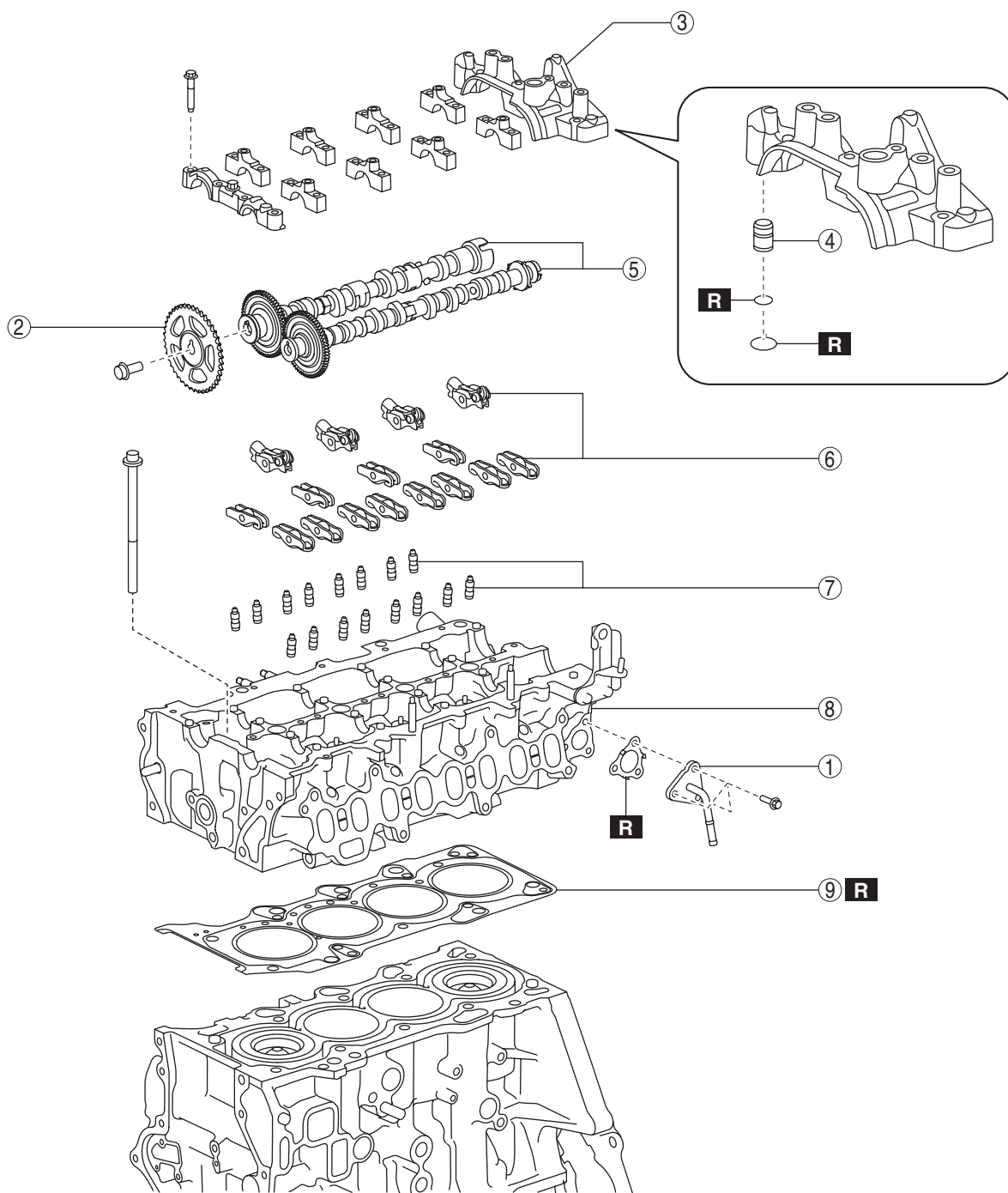
Note

- Width at the cast hexagon of the camshaft is 22—24 mm {0.87—0.94 in}.

- Disassemble in the order indicated in the table.



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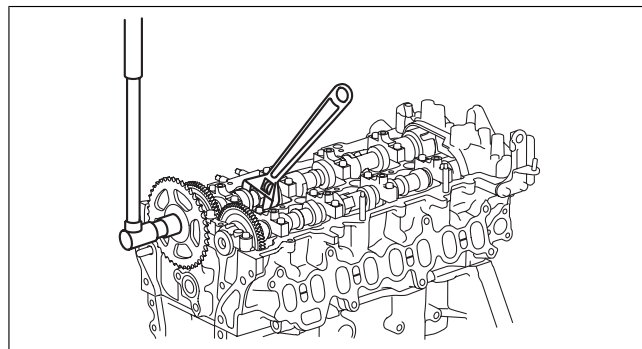
bes2ze0000001

| | |
|---|--------------------------------------------------------------------------------|
| 1 | Water pipe |
| 2 | Exhaust camshaft sprocket (See Exhaust Camshaft Sprocket Disassembly Note.) |
| 3 | Camshaft cap (See Camshaft Cap Disassembly Note.) |
| 4 | Check valve |
| 5 | Camshaft |

| | |
|---|--------------------------------------------------------|
| 6 | Rocker arm (See Rocker Arm Disassembly Note.) |
| 7 | HLA (See HLA Disassembly Note.) |
| 8 | Cylinder head (See Cylinder Head Disassembly Note.) |
| 9 | Cylinder head gasket |

Exhaust Camshaft Sprocket Disassembly Note

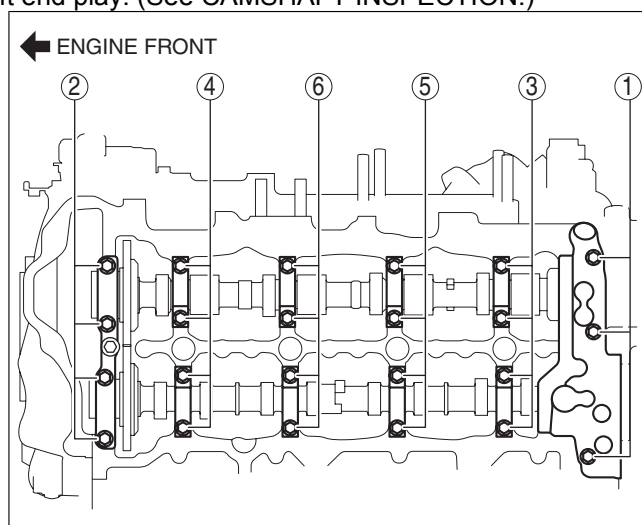
1. Hold the exhaust camshaft using a wrench on the cast hexagon and loosen the exhaust camshaft sprocket installation bolt.



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Camshaft Cap Disassembly Note

1. Before removing the camshaft cap, inspect the camshaft end play. (See CAMSHAFT INSPECTION.)
2. Loosen the camshaft cap installation bolts in two or three passes in the order shown in the figure and remove the camshaft caps.



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Rocker Arm Disassembly Note

1. Keep the rocker arms in the order of removal to enable reassembly in their original positions.

HLA Disassembly Note

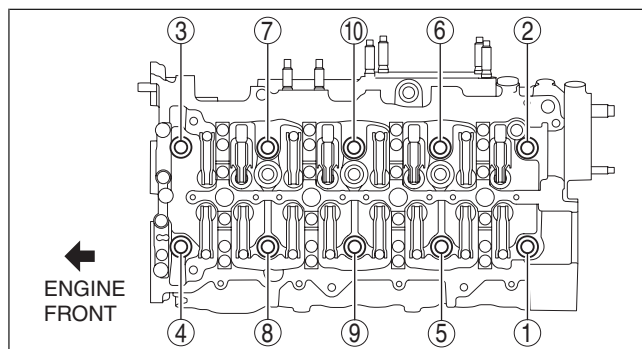
1. Keep the HLAs in the order of removal to enable reassembly in their original positions.

Cylinder Head Disassembly Note

1. Loosen the cylinder head installation bolts in two or three passes in the order shown in the figure and remove them.

Caution

- The end of the glow plug protrudes from the cylinder head (tightened surface of cylinder block). When removing/installing the cylinder head and placing the cylinder head on a workbench, be careful not to allow the end of the glow plug to contact the cylinder block or workbench. Otherwise, the end of the glow plug could be damaged.



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2. Remove the cylinder head.