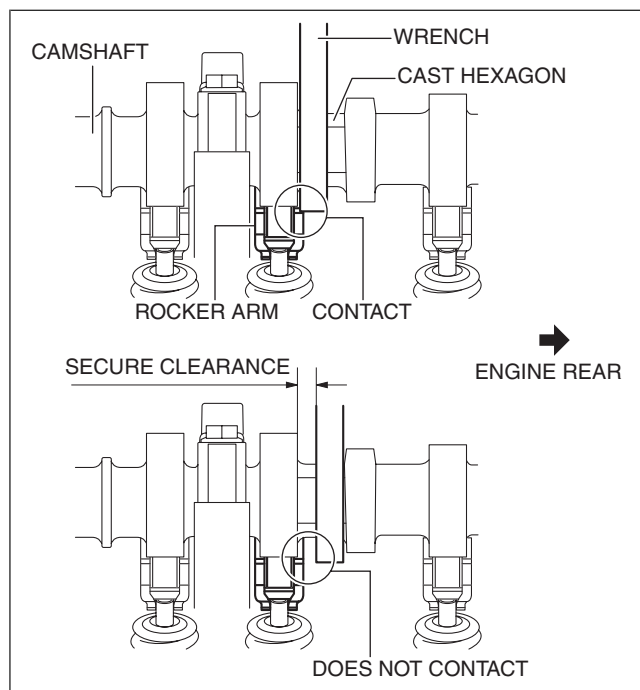


CYLINDER HEAD DISASSEMBLY (I)

id011000500400

Caution

- If the camshaft is rotated with the timing chain removed and the piston at the top dead center position, the valve may contact the piston and the engine could be damaged. When rotating the camshaft with the timing chain removed, rotate it after lowering the piston from the top dead center position.
- 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.

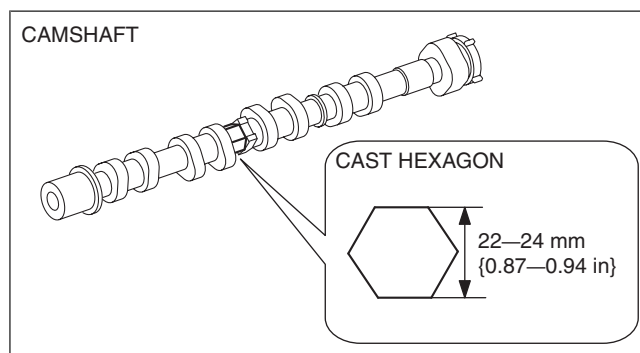


am3uuw00008837

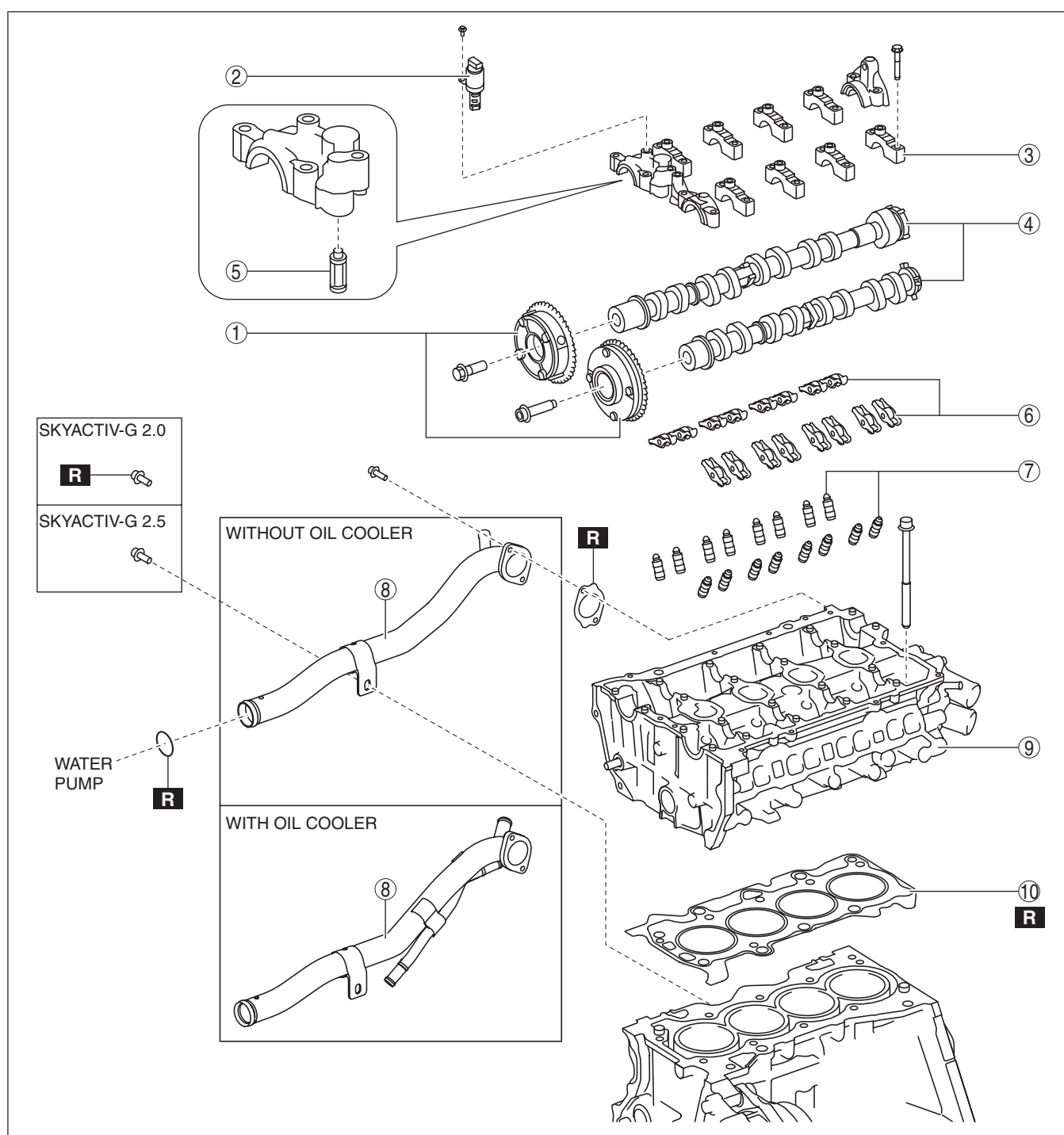
Note

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

1. Disassemble in the order indicated in the table.



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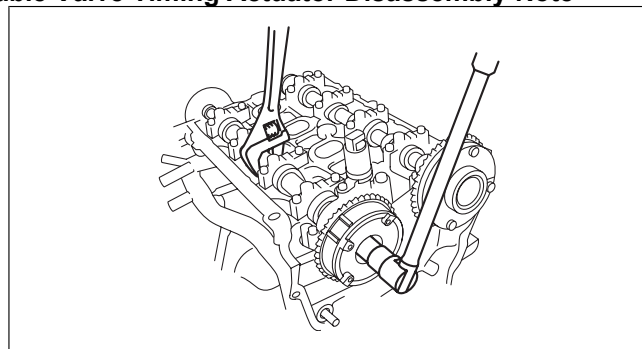
bpe1ze00000036

1	Electric variable valve timing actuator, hydraulic variable valve timing actuator (See Electric Variable Valve Timing Actuator, Hydraulic Variable Valve Timing Actuator Disassembly Note.)
2	OCV
3	Camshaft cap (See Camshaft Cap Disassembly Note.)
4	Camshaft
5	OCV oil filter

6	Rocker arm (See Rocker Arm Disassembly Note.)
7	HLA (See HLA Disassembly Note.)
8	Water inlet pipe
9	Cylinder head (See Cylinder Head Disassembly Note.)
10	Cylinder head gasket

Electric Variable Valve Timing Actuator, Hydraulic Variable Valve Timing Actuator Disassembly Note

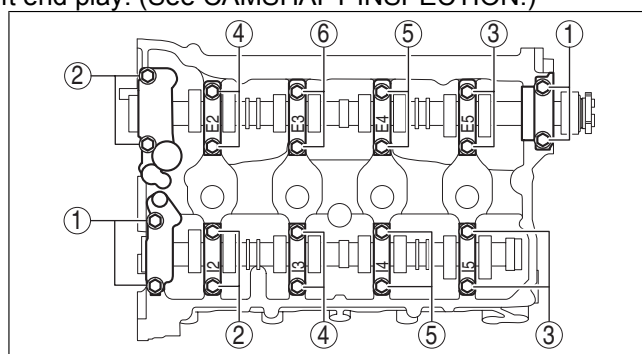
1. Hold the camshaft using a wrench on the cast hexagon and loosen the actuator installation bolt.



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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

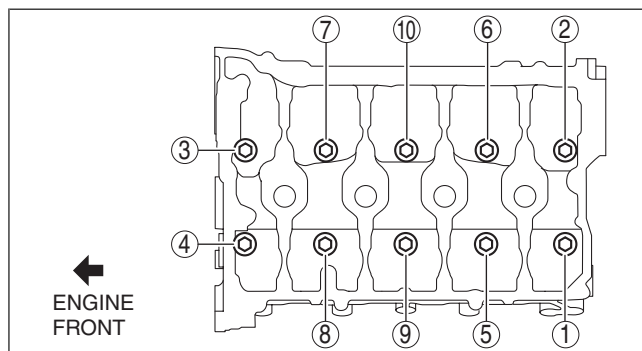
1. Keep the rocker arms in the order of removal to enable reassembly in their original positions.

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.



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