

1	Dipstick
2	Cylinder head cover (See <b>Cylinder Head Cover Removal Note.</b> ) (See <b>Cylinder Head Cover Installation Note.</b> )

3	Oil shower pipe (See <b>Oil Shower Pipe Installation Note.</b> )
4	Drive belt auto tensioner (See <b>Drive Belt Auto Tensioner Installation Note.</b> )
5	Water pump pulley (See <b>Water Pump Pulley Removal Note.</b> ) (See <b>Water Pump Pulley Installation Note.</b> )
6	Crankshaft pulley lock bolt (See <b>Crankshaft Pulley Lock Bolt Removal Note.</b> ) (See <b>Crankshaft Pulley Lock Bolt Installation Note.</b> )
7	Crankshaft pulley
8	Front oil seal (See <b>FRONT OIL SEAL REPLACEMENT [SKYACTIV-G 2.0].</b> )
9	No.3 engine mount (See <b>No.3 Engine Mount Removal Note.</b> ) (See <b>No.3 Engine Mount Installation Note.</b> )
10	Electric variable valve timing motor/driver (See <b>Electric Variable Valve Timing Motor/Driver Installation Note.</b> )
11	Engine front cover (See <b>Engine Front Cover Removal Note.</b> ) (See <b>Engine Front Cover Installation Note.</b> )
12	Chain tensioner (See <b>Timing Chain Removal Note.</b> ) (See <b>Timing Chain Installation Note.</b> )
13	Tensioner arm (See <b>Timing Chain Removal Note.</b> ) (See <b>Timing Chain Installation Note.</b> )
14	Chain guide (No.1) (See <b>Timing Chain Removal Note.</b> ) (See <b>Timing Chain Installation Note.</b> )
15	Timing chain (See <b>Timing Chain Removal Note.</b> ) (See <b>Timing Chain Installation Note.</b> )
16	Chain guide (No.2)
17	Crankshaft sprocket
18	Oil pump chain tensioner
19	Oil pump driven sprocket (See <b>Oil Pump Driven Sprocket Removal Note.</b> )

(See **Oil Pump Driven Sprocket Installation Note.**)

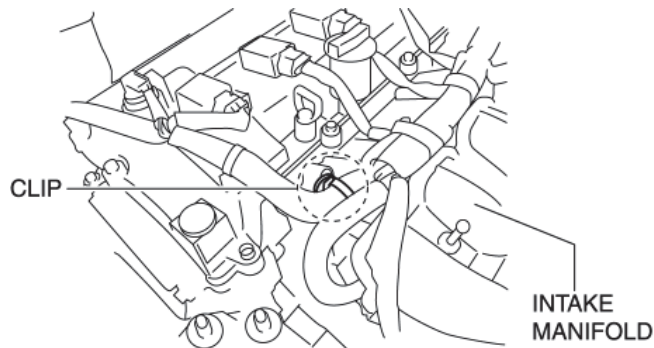
20 Oil pump chain

21 Oil pump drive sprocket

22 Key

### Cylinder Head Cover Removal Note

1. Disconnect the OCV connector.
2. Remove the wiring harness clips secured to the cylinder head cover.
3. Remove the wiring harness clip secured to the intake manifold as shown in the figure, and set the wiring harness aside.



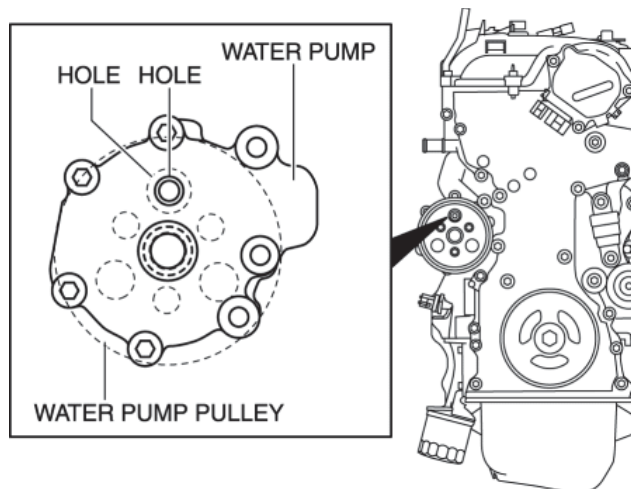
4. Disconnect the ventilation hose.
5. Disconnect the brake vacuum hose from the intake manifold and set it aside.
6. Remove the cylinder head cover.

### Water Pump Pulley Removal Note

#### CAUTION:

- Be careful not to damage the belt groove and surface of the water pump pulley when using tools, otherwise it will cause wear, breakage, abnormal noise of the drive belt (stretch belt), damage to the pulley, and rust.

1. Align the water pump pulley hole with the water pump hole as shown in the figure.



2. Insert an appropriate bolt (length **approx. 70 mm {2.8 in}**) into the water pump hole as shown in the figure, and lock the water pump pulley against rotation.