

# CAM SPROCKET

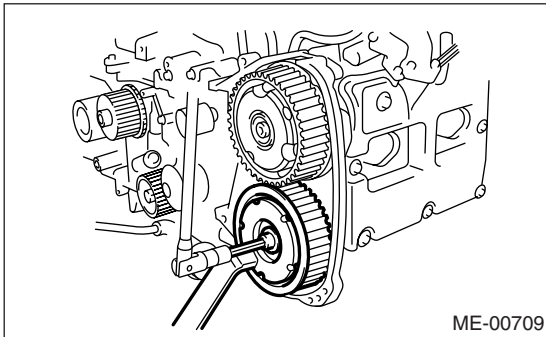
MECHANICAL

## 16. Cam Sprocket

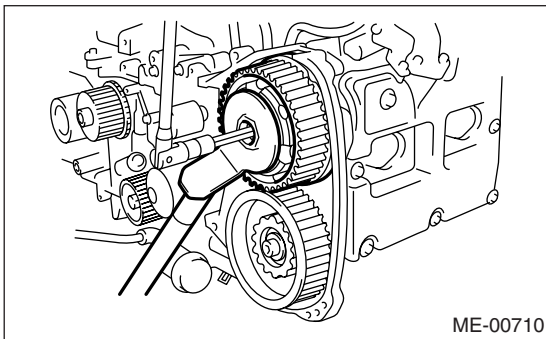
### A: REMOVAL

- 1) Remove the V-belt. <Ref. to ME(H4DOTC)-45, REMOVAL, V-belt.>
- 2) Remove the crank pulley. <Ref. to ME(H4DOTC)-48, REMOVAL, Crank Pulley.>
- 3) Remove the timing belt cover. <Ref. to ME(H4DOTC)-49, REMOVAL, Timing Belt Cover.>
- 4) Remove the timing belt assembly. <Ref. to ME(H4DOTC)-50, REMOVAL, Timing Belt Assembly.>
- 5) Remove the cam sprockets. To lock the camshaft, use ST.

ST 499207400 CAMSHAFT SPROCKET WRENCH



ST 499977500 CAMSHAFT SPROCKET WRENCH



### B: INSTALLATION

- 1) Install the cam sprocket. To lock the camshaft, use ST.

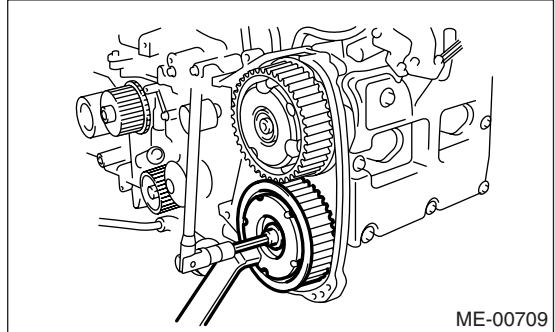
#### NOTE:

Do not confuse cam sprockets (RH) and (LH) during installation.

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#### Tightening torque:

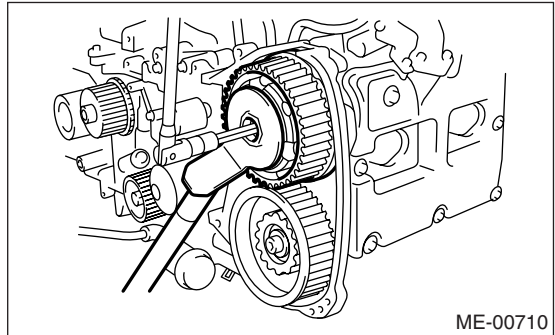
**98 N·m (10 kgf-m, 72.4 ft-lb)**



ST 499977500 CAMSHAFT SPROCKET WRENCH

#### Tightening torque:

**29.5 N·m (3.0 kgf-m, 21.8 ft-lb), and then tighten 45° furthermore**



- 2) Install the timing belt assembly. <Ref. to ME(H4DOTC)-52, INSTALLATION, Timing Belt Assembly.>
- 3) Install the timing belt cover. <Ref. to ME(H4DOTC)-49, INSTALLATION, Timing Belt Cover.>
- 4) Install the crank pulley. <Ref. to ME(H4DOTC)-48, INSTALLATION, Crank Pulley.>
- 5) Install the V-belt. <Ref. to ME(H4DOTC)-45, INSTALLATION, V-belt.>

## **C: INSPECTION**

- 1) Check the sprocket teeth for abnormal wear and scratches.
- 2) Make sure there is no free play between sprocket and key.
- 3) Check the crank sprocket notch used for sensor for damage and contamination of foreign matter.