

# CAMSHAFT SPROCKET

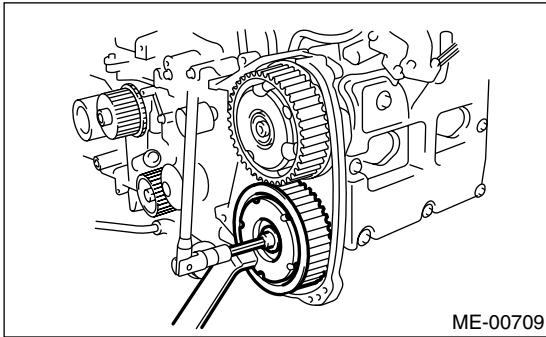
MECHANICAL

## 16. Camshaft Sprocket

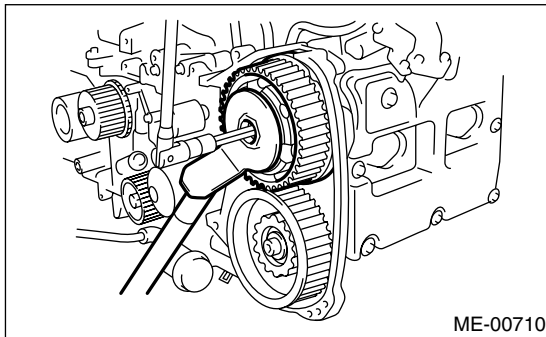
### A: REMOVAL

- 1) Remove the V-belt. <Ref. to ME(STi)-41, REMOVAL, V-belt.>
- 2) Remove the crankshaft pulley. <Ref. to ME(STi)-44, REMOVAL, Crankshaft Pulley.>
- 3) Remove the timing belt cover. <Ref. to ME(STi)-45, REMOVAL, Timing Belt Cover.>
- 4) Remove the timing belt assembly. <Ref. to ME(STi)-46, REMOVAL, Timing Belt Assembly.>
- 5) Remove the camshaft sprockets. To lock the camshaft, use ST.

ST 499207400 CAMSHAFT SPROCKET WRENCH



ST 499977500 CAMSHAFT SPROCKET WRENCH



### B: INSTALLATION

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

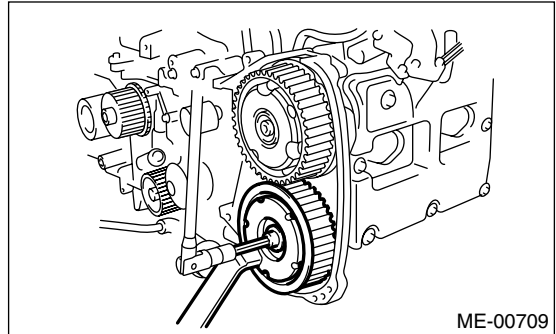
#### NOTE:

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

ST 499207400 CAMSHAFT SPROCKET WRENCH

#### Tightening torque:

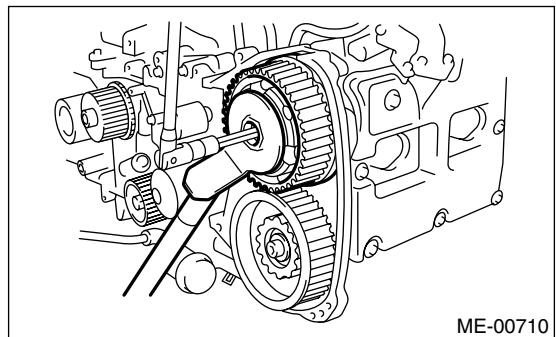
**98 N·m (10 kgf·m, 72.4 ft·lb)**



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#### 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(STi)-48, INSTALLATION, Timing Belt Assembly.>

- 3) Install the timing belt cover. <Ref. to ME(STi)-45, INSTALLATION, Timing Belt Cover.>

- 4) Install the crankshaft pulley. <Ref. to ME(STi)-44, INSTALLATION, Crankshaft Pulley.>

- 5) Install the V-belt. <Ref. to ME(STi)-41, 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 crankshaft sprocket notch used for sensor for damage and contamination of foreign matter.