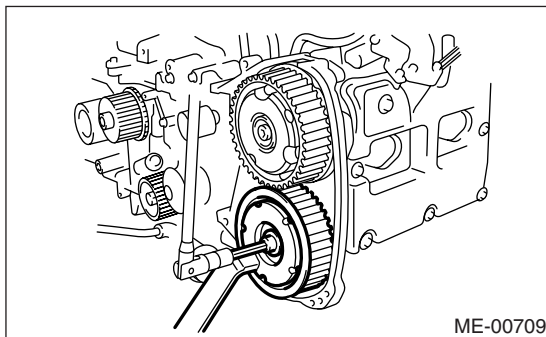


16. Camshaft Sprocket

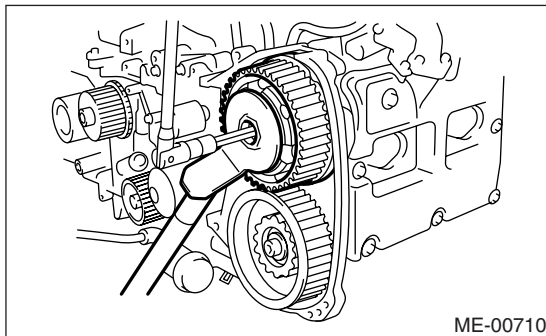
A: REMOVAL

- 1) Remove the V-belt. <Ref. to ME(H4DOTC)-45, REMOVAL, V-belt.>
- 2) Remove the crankshaft pulley. <Ref. to ME(H4DOTC)-47, REMOVAL, Crankshaft Pulley.>
- 3) Remove the timing belt cover. <Ref. to ME(H4DOTC)-48, REMOVAL, Timing Belt Cover.>
- 4) Remove the timing belt assembly. <Ref. to ME(H4DOTC)-49, 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.

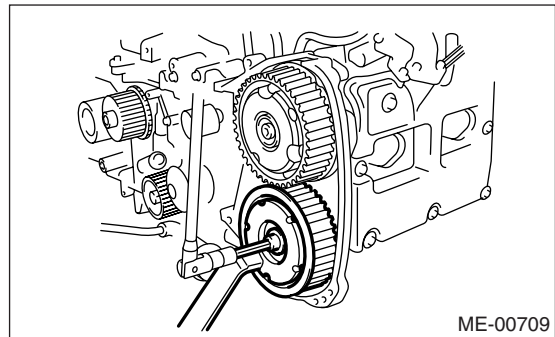
NOTE:

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

ST 499207400 CAMSHAFT SPROCKET WRENCH

Tightening torque:

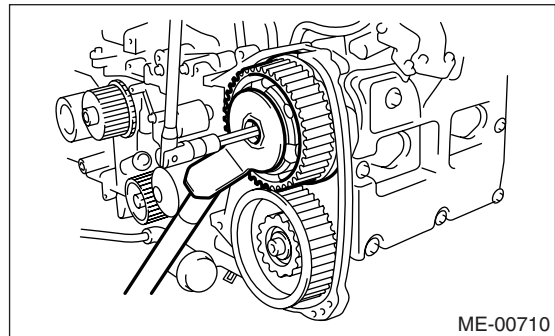
30 N·m (3.1 kgf·m, 22.2 ft·lb)



ST 499977500 CAMSHAFT SPROCKET WRENCH

Tightening torque:

30 N·m (3.1 kgf·m, 22.2 ft·lb), and then tighten 45° furthermore



- 2) Install the timing belt assembly. <Ref. to ME(H4DOTC)-51, INSTALLATION, Timing Belt Assembly.>
- 3) Install the timing belt cover. <Ref. to ME(H4DOTC)-48, INSTALLATION, Timing Belt Cover.>
- 4) Install the crankshaft pulley. <Ref. to ME(H4DOTC)-47, INSTALLATION, Crankshaft 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 crankshaft sprocket notch used for sensor for damage and contamination of foreign matter.