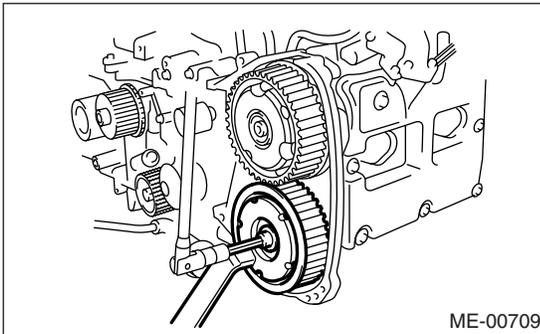


16. Cam Sprocket

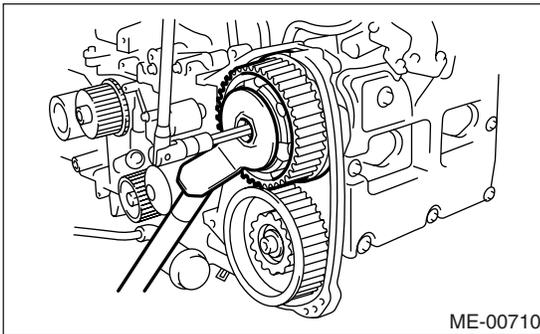
A: REMOVAL

- 1) Remove the V-belts. <Ref. to ME(H4DOTC)-37, REMOVAL, V-belt.>
- 2) Remove the crank pulley. <Ref. to ME(H4DOTC)-39, REMOVAL, Crank Pulley.>
- 3) Remove the timing belt cover. <Ref. to ME(H4DOTC)-40, REMOVAL, Timing Belt Cover.>
- 4) Remove the timing belt. <Ref. to ME(H4DOTC)-41, REMOVAL, Timing Belt.>
- 5) Remove the cam sprocket. To lock the camshaft, use ST.

ST 499207400 CAMSHAFT SPROCKET WRENCH



ST 499977500 CAMSHAFT SPROCKET WRENCH



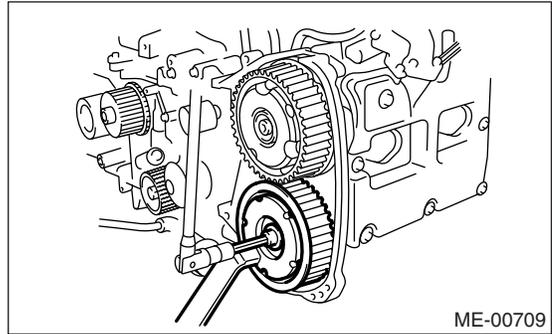
B: INSTALLATION

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

ST 499207400 CAMSHAFT SPROCKET WRENCH

Tightening torque:

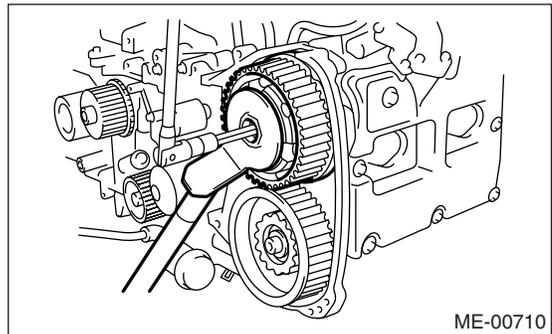
Tighten to 29.5 N·m (3.0 kgf-m, 21.8 ft-lb) of torque, and then tighten further by 45°



ST 499977500 CAMSHAFT SPROCKET WRENCH

Tightening torque:

Tighten to 29.5 N·m (3.0 kgf-m, 21.8 ft-lb) of torque, and then tighten further by 45°



- 2) Install the timing belt. <Ref. to ME(H4DOTC)-42, INSTALLATION, Timing Belt.>

- 3) Install the timing belt cover.

<Ref. to ME(H4DOTC)-40, INSTALLATION, Timing Belt Cover.>

- 4) Install the crank pulley.

<Ref. to ME(H4DOTC)-39, INSTALLATION, Crank Pulley.>

- 5) Install the V-belts. <Ref. to ME(H4DOTC)-37, INSTALLATION, V-belt.>

C: INSPECTION

- 1) Check the cam sprocket teeth for abnormal wear and scratches.

- 2) Make sure there is no free play between cam sprocket and key.

- 3) Check the cam sprocket protrusion used for sensor for damage and contamination of foreign matter.