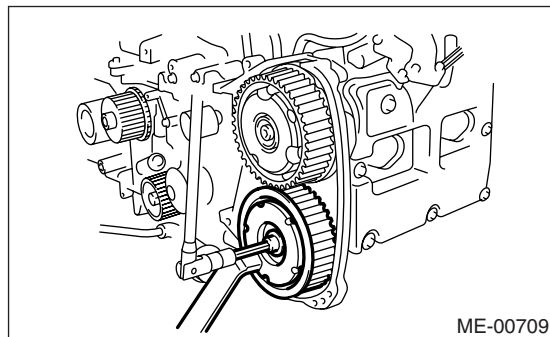


16. Cam Sprocket

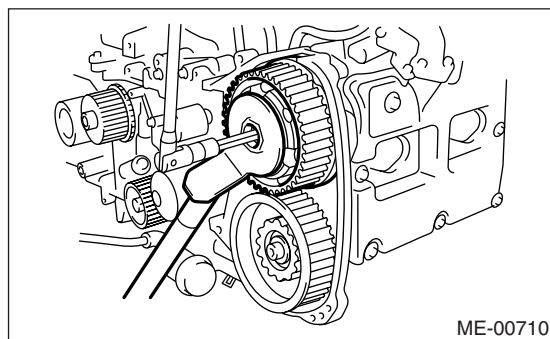
A: REMOVAL

- 1) Remove the V-belts. <Ref. to ME(H4DOTC)-38, REMOVAL, V-belt.>
- 2) Remove the crank pulley. <Ref. to ME(H4DOTC)-40, REMOVAL, Crank Pulley.>
- 3) Remove the timing belt cover. <Ref. to ME(H4DOTC)-41, REMOVAL, Timing Belt Cover.>
- 4) Remove the timing belt. <Ref. to ME(H4DOTC)-42, REMOVAL, Timing Belt.>
- 5) Fasten the cam sprocket and remove from the cam shaft using ST.

ST 499207400 CAM SPROCKET WRENCH



ST 499977500 CAM SPROCKET WRENCH



B: INSTALLATION

- 1) Fasten the cam sprocket and install to the cam shaft using ST.

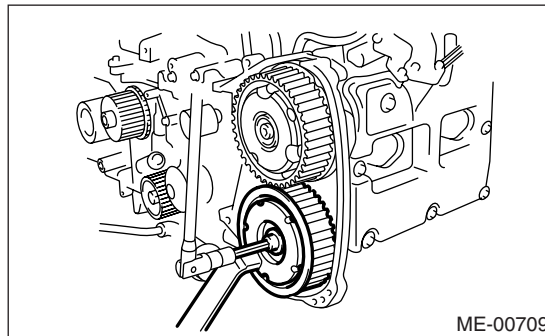
NOTE:

Do not confuse left and right side cam sprockets during installation.

ST 499207400 CAM SPROCKET WRENCH

Tightening torque:

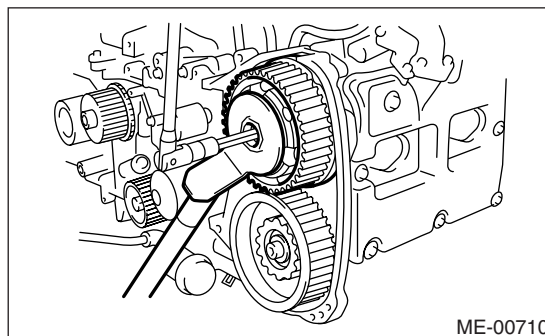
Tighten to 30 N·m (3.0 kgf-m, 21.8 ft-lb) of torque, and then tighten further by 45°.



ST 499977500 CAM SPROCKET WRENCH

Tightening torque:

Tighten to 30 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)-44, INSTALLATION, Timing Belt.>
- 3) Install the timing belt cover. <Ref. to ME(H4DOTC)-41, INSTALLATION, Timing Belt Cover.>
- 4) Install the crank pulley. <Ref. to ME(H4DOTC)-40, INSTALLATION, Crank Pulley.>
- 5) Install the V-belts. <Ref. to ME(H4DOTC)-38, INSTALLATION, V-belt.>

C: INSPECTION

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