

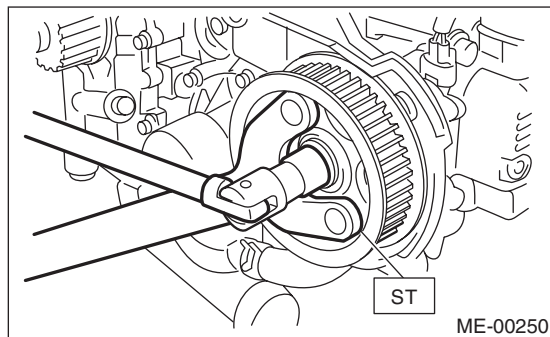
16. Cam Sprocket

A: REMOVAL

- 1) Remove the V-belts. <Ref. to ME(H4SO)-36, REMOVAL, V-belt.>
- 2) Remove the crank pulley. <Ref. to ME(H4SO)-38, REMOVAL, Crank Pulley.>
- 3) Remove the timing belt cover. <Ref. to ME(H4SO)-39, REMOVAL, Timing Belt Cover.>
- 4) Remove the timing belt. <Ref. to ME(H4SO)-40, REMOVAL, Timing Belt.>
- 5) Remove the camshaft position sensor. <Ref. to FU(H4SO)-21, REMOVAL, Camshaft Position Sensor.>
- 6) Remove the cam sprockets No. 1 and No. 2. To lock the camshaft, use the ST.
ST 18231AA010 CAM SPROCKET WRENCH

NOTE:

CAM SPROCKET WRENCH (499207100) can also be used.



B: INSTALLATION

- 1) Install the cam sprocket No. 1 and No. 2. To lock the camshaft, use the ST.
ST 18231AA010 CAM SPROCKET WRENCH

NOTE:

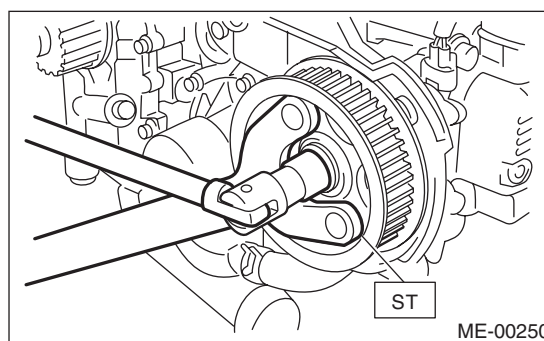
CAM SPROCKET WRENCH (499207100) can also be used.

Tightening torque:

78 N·m (8.0 kgf-m, 57.9 ft-lb)

NOTE:

Do not confuse left and right side cam sprockets during installation. Cam sprocket No. 2 is identified by the protrusion used by the camshaft position sensor monitor.



- 2) Install the camshaft position sensor. <Ref. to FU(H4SO)-21, INSTALLATION, Camshaft Position Sensor.>
- 3) Install the timing belt. <Ref. to ME(H4SO)-41, INSTALLATION, Timing Belt.>
- 4) Install the timing belt cover.
<Ref. to ME(H4SO)-39, INSTALLATION, Timing Belt Cover.>
- 5) Install the crank pulley. <Ref. to ME(H4SO)-38, INSTALLATION, Crank Pulley.>
- 6) Install the V-belts. <Ref. to ME(H4SO)-36, 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.