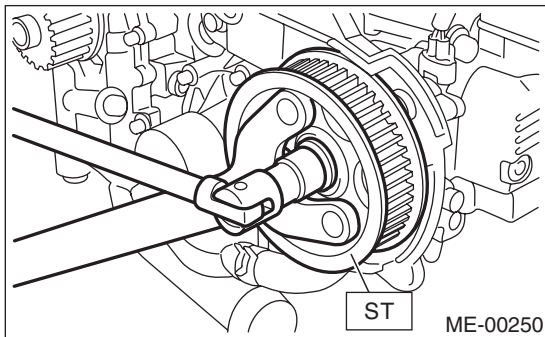


16. Camshaft Sprocket

A: REMOVAL

- 1) Remove V-belt. <Ref. to ME(H4SO)-40, REMOVAL, V-belt.>
- 2) Remove crankshaft pulley. <Ref. to ME(H4SO)-42, REMOVAL, Crankshaft Pulley.>
- 3) Remove timing belt cover. <Ref. to ME(H4SO)-43, REMOVAL, Timing Belt Cover.>
- 4) Remove timing belt. <Ref. to ME(H4SO)-44, REMOVAL, Timing Belt.>
- 5) Remove camshaft position sensor. <Ref. to FU(H4SO)-29, REMOVAL, Camshaft Position Sensor.>
- 6) Remove camshaft sprocket No. 1 and No. 2. To lock camshaft, use ST.
ST 18231AA010 CAMSHAFT SPROCKET WRENCH

NOTE:
CAMSHAFT SPROCKET WRENCH (499207100) is also can be used.



B: INSTALLATION

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

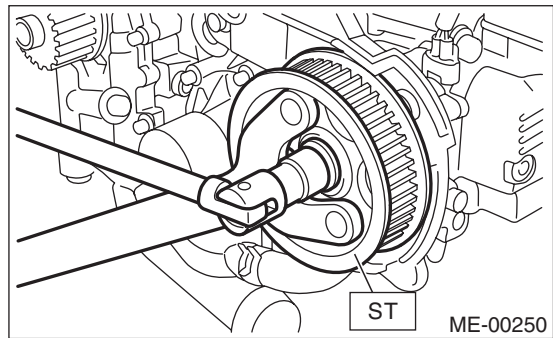
NOTE:
CAMSHAFT SPROCKET WRENCH (499207100) is also can be used.

Tightening torque:

78 N·m (8.0 kgf-m, 57.9 ft-lb)

CAUTION:

Do not confuse left and right side camshaft sprockets during installation. The camshaft sprocket No. 2 is identified by a projection used to monitor camshaft position sensor.



- 2) Install camshaft position sensor. <Ref. to FU(H4SO)-29, INSTALLATION, Camshaft Position Sensor.>
- 3) Install timing belt. <Ref. to ME(H4SO)-45, INSTALLATION, Timing Belt.>
- 4) Install belt cover. <Ref. to ME(H4SO)-43, INSTALLATION, Timing Belt Cover.>
- 5) Install crankshaft pulley. <Ref. to ME(H4SO)-42, INSTALLATION, Crankshaft Pulley.>
- 6) Install V-belt. <Ref. to ME(H4SO)-40, INSTALLATION, V-belt.>

C: INSPECTION

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