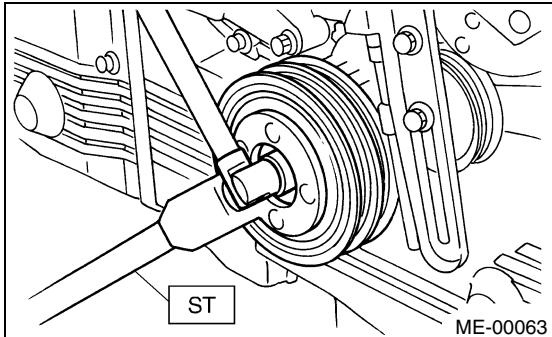


13.Crankshaft Pulley

A: REMOVAL

- 1) Remove the V-belt. <Ref. to ME(H4DOTC)-44, REMOVAL, V-belt.>
- 2) Remove the crankshaft pulley bolt. To lock crankshaft, use ST.

ST 499977400 CRANK PULLEY WRENCH



- 3) Remove the crankshaft pulley.

B: INSTALLATION

- 1) Install the crankshaft pulley.
- 2) Install the pulley bolt.

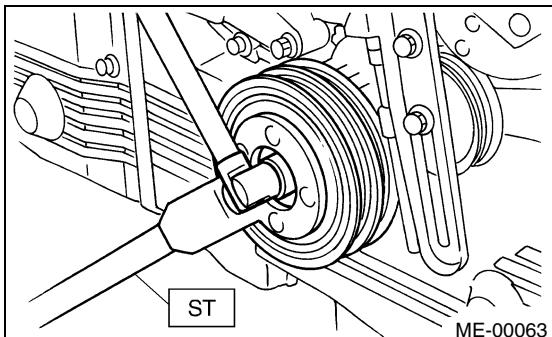
To lock the crankshaft, use ST.

ST 499977400 CRANK PULLEY WRENCH

- (1) Clean the crankshaft pulley thread using an air gun.
- (2) Apply engine oil to the crankshaft pulley bolt seat and thread.
- (3) Tighten the bolts temporarily with tightening torque of 44 N·m (4.5 kgf-m, 33 ft-lb).
- (4) Tighten the crankshaft pulley bolts.

Tightening torque:

127 N·m (13 kgf-m, 94.0 ft-lb)



- 3) Confirm that the tightening angle of the crankshaft pulley bolt is 45 degrees or more. If less than 45 degrees, conduct the following procedures (1) through (4).

CAUTION:

If the tightening angle of crankshaft pulley bolt is less than 45 degrees, the bolt should be damaged. In this case, the bolt must be replaced.

- (1) Replace the crankshaft pulley bolts and clean them.

Crankshaft pulley bolt:

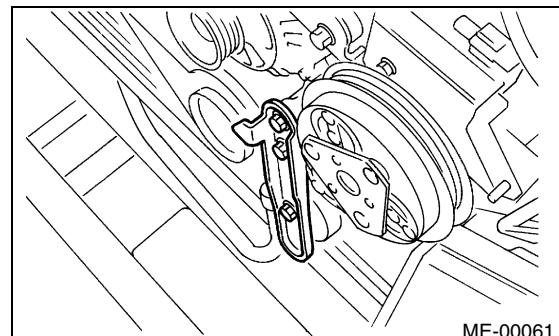
12369AA011

- (2) Clean the crankshaft thread using an air gun.
- (3) Tighten the bolts temporarily with tightening torque of 44 N·m (4.5 kgf-m, 33 ft-lb).
- (4) Tighten the crankshaft pulley bolts for a further angle of 45 — 60 degrees.

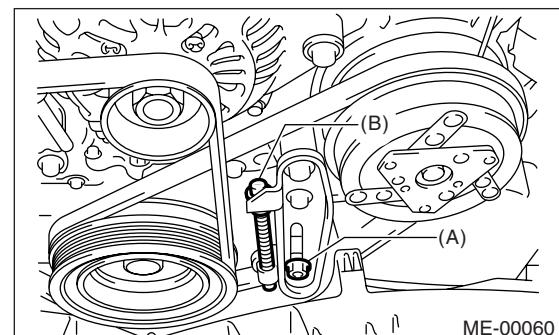
CAUTION:

Conduct the tightening procedures by confirming the turning angle of the crankshaft pulley bolt referring to the gauge indicated on the belt cover.

- 4) Install the A/C belt tensioner.



- 5) Install the V-belt. <Ref. to ME(H4DOTC)-44, FRONT SIDE BELT, INSTALLATION, V-belt.>



C: INSPECTION

- 1) Make sure the V-belt is not worn or otherwise damaged.
- 2) Check the tension of the belt. <Ref. to ME(H4DOTC)-45, INSPECTION, V-belt.>