

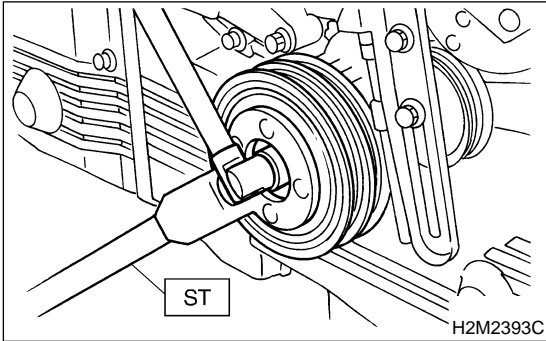
CRANKSHAFT PULLEY

Mechanical

13. Crankshaft Pulley S103098

A: REMOVAL S103098A18

- 1) Remove V-belt. <Ref. to ME(H4)-43 REMOVAL, V-belt.>
- 2) Remove crankshaft pulley bolt. To lock crankshaft, use ST.
ST 499977100
CRANKSHAFT PULLEY WRENCH



- 3) Remove crankshaft pulley.

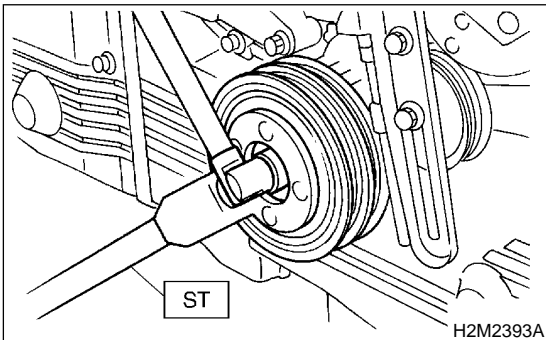
B: INSTALLATION S103098A11

- 1) Install crankshaft pulley.
- 2) Install pulley bolt.
To lock crankshaft, use ST.
ST 499977100 CRANKSHAFT 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:

177 N·m (18.0 kgf·m, 130.2 ft·lb)



- 3) Confirm that the tightening angle of the crankshaft pulley bolt is 65 degrees or more. If not, conduct the following procedures (1) through (4).
 - (1) Replace the crankshaft pulley bolts and clean them.

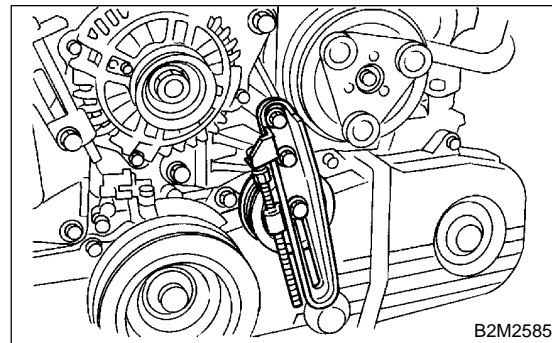
Crankshaft pulley bolt: 12369AA011

- (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 keeping them in an angle between 65 degrees and 75 degrees.

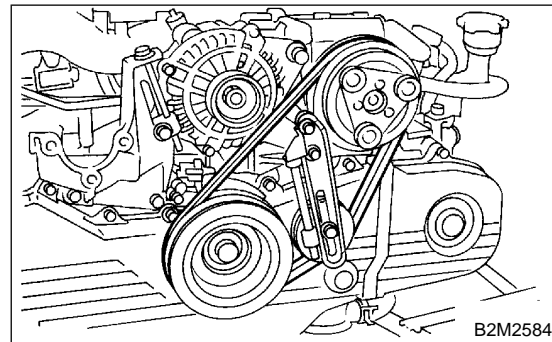
CAUTION:

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 A/C belt tensioner.



- 5) Install A/C belt.



C: INSPECTION S103098A10

- 1) Make sure the V-belt is not worn or otherwise damaged.
- 2) Check the tension of the belt. <Ref. to ME(H4)-43 INSPECTION, V-belt.>