

12. V-belt

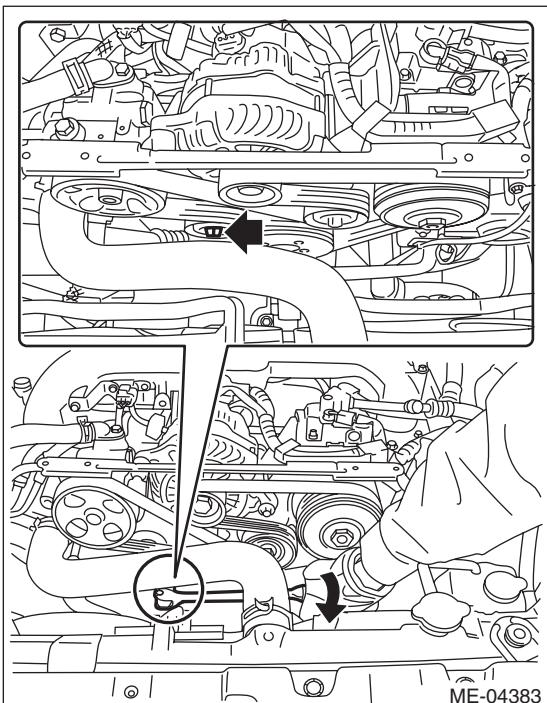
A: REMOVAL

NOTE:

When replacing the single part, perform the work with the engine installed to vehicle body.

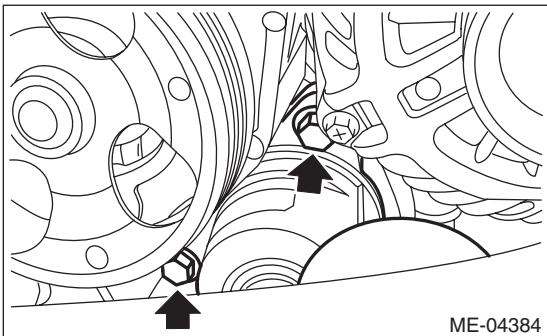
1. V-BELT

- 1) Remove the collector cover.
- 2) Remove the air intake duct. <Ref. to IN(H4DOTC)-12, REMOVAL, Air Intake Duct.>
- 3) Attach the tool to the V-belt tensioner assembly, and rotate the tool clockwise to loosen and remove the V-belt.

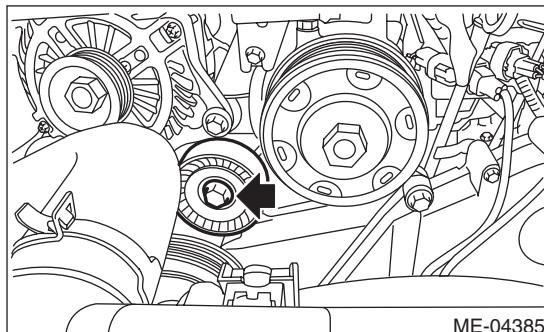


2. V-BELT TENSIONER ASSEMBLY AND IDLER PULLEY

- 1) Remove the V-belts. <Ref. to ME(H4DOTC)-41, V-BELT, REMOVAL, V-belt.>
- 2) Remove the bolt securing the V-belt tensioner assembly to the power steering pump bracket, and remove the V-belt tensioner assembly.



- 3) Remove the bolt securing the idler pulley to the A/C compressor bracket, and remove the idler pulley.



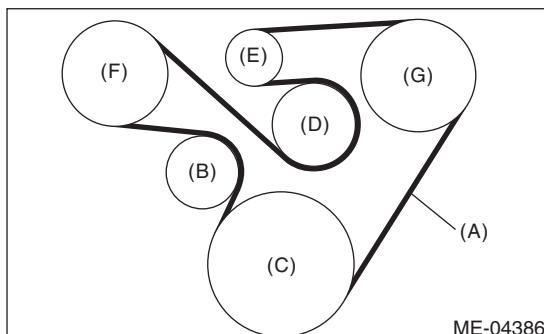
B: INSTALLATION

1. V-BELT

Install in the reverse order of removal.

CAUTION:

- When reusing the V-belt, wipe off dust and water with cloth.
- Do not use the V-belt if there is any oil, grease or coolant on the belt.
- Be careful not to rub the V-belt end surface with bare hands; exposed core may cause injury.
- Wipe off any dust, oil and water on the groove of each pulley with cloth.



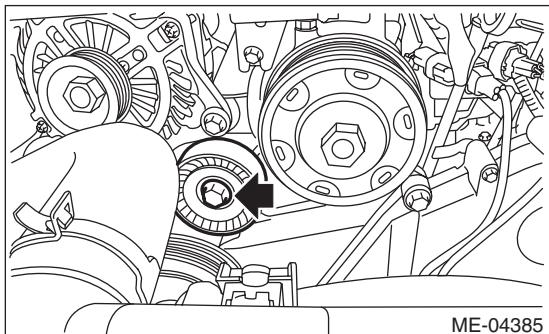
- (A) V-belt
- (B) V-belt tensioner ASSY
- (C) Crank pulley
- (D) Idler pulley
- (E) Generator pulley
- (F) Power steering pump pulley
- (G) A/C compressor pulley

2. V-BELT TENSIONER ASSEMBLY AND IDLER PULLEY

Install in the reverse order of removal.

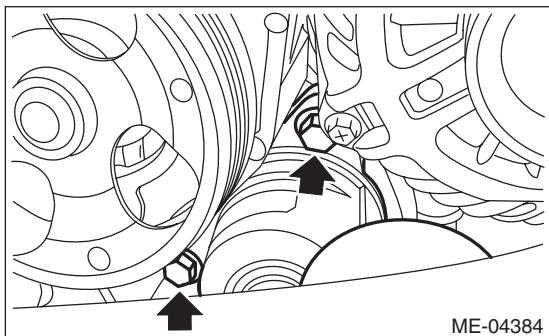
Tightening torque:

33 N·m (3.4 kgf·m, 24.3 ft-lb)



Tightening torque:

20 N·m (2.0 kgf·m, 14.8 ft-lb)



C: INSPECTION

- 1) Check the V-belt for cracks, tear or wear.
- 2) Remove the air intake duct. <Ref. to IN(H4DOTC)-12, REMOVAL, Air Intake Duct.>
- 3) Check that the V-belt tensioner assembly and idler pulley do not have deformation, cracks or other damages.
- 4) Check the V-belt tension indicator (A) shows within the limit (B).

