

6. V-belt

A: INSPECTION

NOTE:

The rear belt does not require tension adjustment because it is a stretch-type belt.

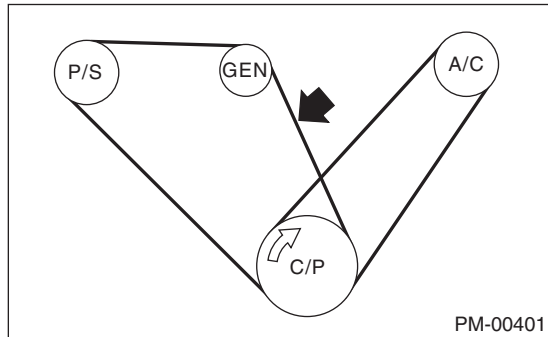
1. PROCEDURE NOT USING BELT A TENSION GAUGE

- 1) Replace the belts, if crack, fraying or wear is found.
- 2) Check the V-belt tension and adjust it if necessary by changing the generator installing position or idler pulley installing position. <Ref. to PM-13, REPLACEMENT, V-belt.>

Belt tension (when pressed with 98 N (10 kgf, 22 lbf))

When replacing: 7 — 9 mm (0.276 — 0.354 in)

When reusing: 9 — 11 mm (0.354 — 0.433 in)



C/P Crank pulley
 GEN Generator
 P/S Power steering oil pump pulley
 A/C A/C compressor pulley

2. PROCEDURE WITH BELT TENSION GAUGE

- 1) Replace the belts, if crack, fraying or wear is found.
- 2) Remove the V-belt cover and radiator reservoir tank.
- 3) Check the tension of the V-belt using the belt tension gauge. Adjust the tension if necessary by adjusting the installation position of the generator or idler pulley.

Belt tension (Non-turbo model)

When installing new parts:

640 — 780 N (65 — 80 kgf, 144 — 175 lbf)

At inspection:

490 — 640 N (50 — 65 kgf, 110 — 144 lbf)

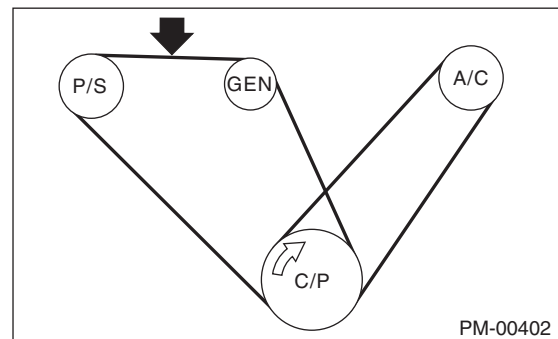
Belt tension (Turbo model)

When installing new parts:

640 — 780 N (65 — 80 kgf, 144 — 175 lbf)

At inspection:

490 — 640 N (50 — 65 kgf, 110 — 144 lbf)

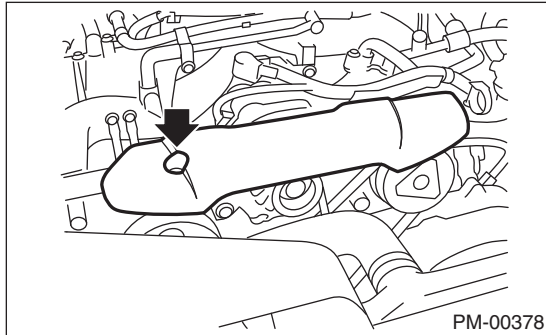


C/P Crank pulley
 GEN Generator
 P/S Power steering oil pump pulley
 A/C A/C compressor pulley

B: REPLACEMENT

1. V-BELT COVER

Remove the V-belt covers. (Non-turbo model)



2. FRONT SIDE BELT (FOR POWER STEERING OIL PUMP AND GENERATOR)

NOTE:

Wipe off any oil or water on the belt and pulley.

- 1) Loosen the lock bolt (A).
- 2) Loosen the slider bolt (B).
- 3) Remove the front side belt (C).
- 4) Install a new belt, and tighten the slider bolt so as to obtain the specified belt tension.
- 5) Tighten the lock bolt (A).
- 6) Tighten the slider bolt (B).

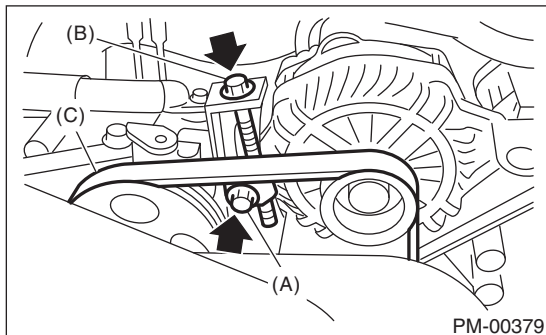
Tightening torque:

Lock bolt

25 N·m (2.5 kgf-m, 18.4 ft-lb)

Slider bolt

8 N·m (0.8 kgf-m, 5.9 ft-lb)



- 7) Start and run the engine for approximately five minutes to allow the V-belt to become fitted. (When using the gauge)
- 8) Stop the engine, check the belt tension and adjust as necessary. (When using the gauge)
- 9) Start and run the engine for approximately one minute to allow the V-belt to become fitted. (When using the gauge)
- 10) Stop the engine and check that the belt tension is within the specification. (When using the gauge)
- 11) Adjust until the specified belt tension is obtained. (When using the gauge)

3. REAR SIDE BELT (FOR AIR CONDITIONER)

CAUTION:

Always use a new rear side belt.

- 1) Remove the front side belts.
 - 2) Cut the rear side belt.
 - 3) Install a new belt using an installation jig. <Ref. to ME(H4SO)-43, REAR SIDE BELT, INSTALLATION, V-belt.> <Ref. to ME(H4DOTC)-40, REAR SIDE BELT, INSTALLATION, V-belt.>
 - 4) Install the front side belt.
- <Ref. to ME(H4SO)-42, FRONT SIDE BELT, INSTALLATION, V-belt.>