

V-belt

MECHANICAL

12.V-belt

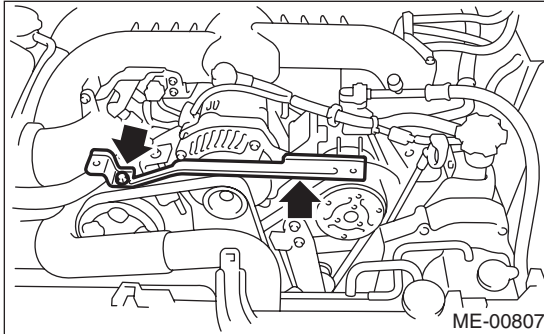
A: REMOVAL

NOTE:

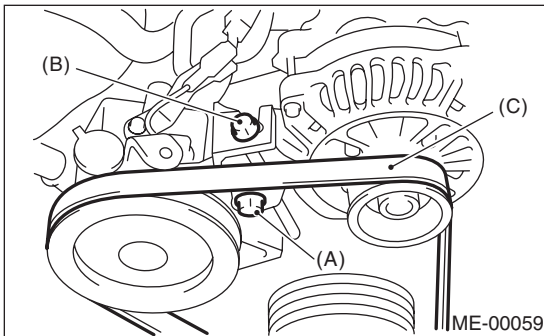
Perform the following procedures with the engine installed to body.

1. FRONT SIDE BELT

- 1) Remove the collector cover.
- 2) Remove the V-belt covers.

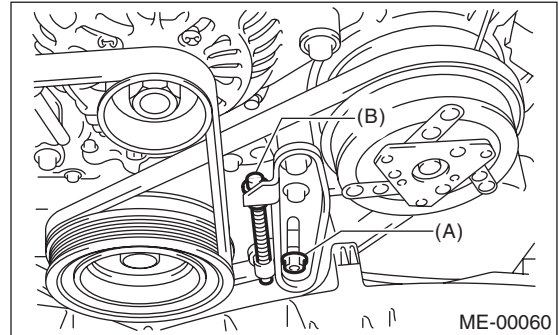


- 3) Loosen the lock bolt (A).
- 4) Loosen the slider bolt (B).
- 5) Remove the front side belt (C).

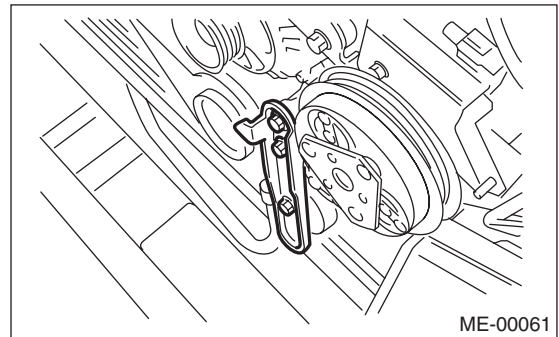


2. REAR SIDE BELT

- 1) Loosen the lock nut (A).
- 2) Loosen the slider bolt (B).



- 3) Remove the A/C belt.
- 4) Remove the A/C belt tensioner.



B: INSTALLATION**NOTE:**

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

1. FRONT SIDE BELT

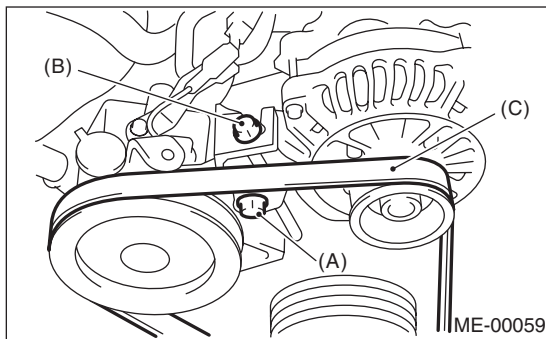
- 1) Install a V-belt (C), and tighten the slider bolt so as to obtain the specified belt tension. <Ref. to ME(H4DOTC)-38, INSPECTION, V-belt.>
- 2) Tighten the lock bolt (A).
- 3) Tighten the slider bolt (B).

Tightening torque:**Lock bolt (A):**

25 N·m (2.5 kgf-m, 18.1 ft-lb)

Slider bolt (B):

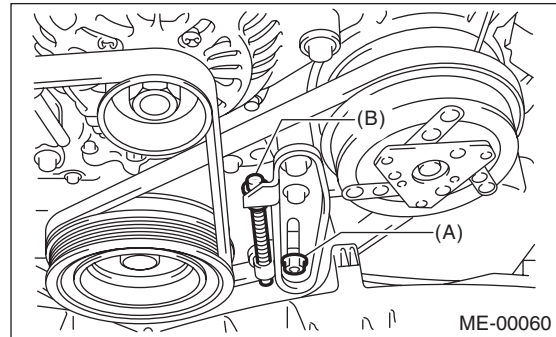
8 N·m (0.8 kgf-m, 5.9 ft-lb)

**2. REAR SIDE BELT**

- 1) Remove the A/C belt tensioner.
- 2) Install the V belt, and tighten the slider bolt (B) to obtain the specified belt tension. <Ref. to ME(H4DOTC)-38, INSPECTION, V-belt.>
- 3) Tighten the lock nut (A).

Tightening torque:**Lock nut (A):**

22.6 N·m (2.3 kgf-m, 16.6 ft-lb)



V-belt

MECHANICAL

C: INSPECTION

- 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.

Belt tension (with belt tension gauge):

(A)

When installing new parts:

618 — 755 N (63 — 77 kgf, 139 — 170 lb)

At inspection:

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

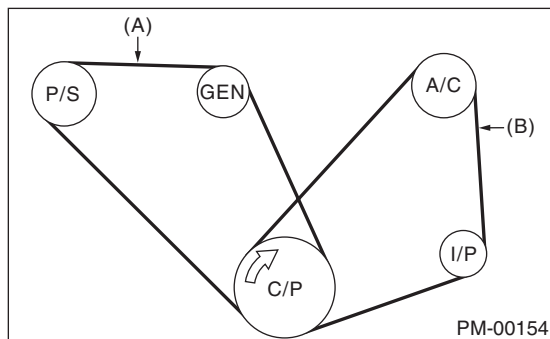
(B)

When installing new parts:

740 — 880 N (75 — 90 kgf, 166 — 198 kg)

At inspection:

350 — 450 N (36 — 46 kgf, 78 — 101 lb)



- (A) Front side belt
- (B) Rear side belt
- C/P Crank pulley
- GEN Generator
- P/S Power steering oil pump pulley
- A/C A/C compressor pulley
- I/P Idler pulley

Belt tension (when not using a belt tension gauge)

(A)

When installing new parts:

7 — 9 mm (0.276 — 0.354 in)

At inspection:

9 — 11 mm (0.354 — 0.433 in)

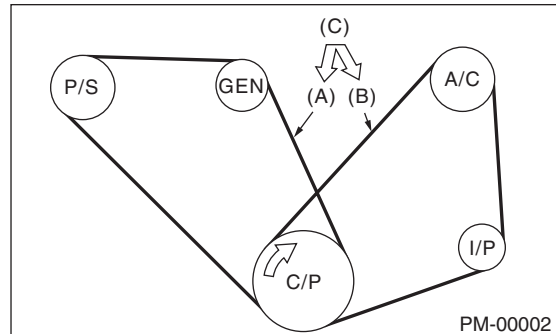
(B)

When installing new parts:

7.5 — 8.5 mm (0.295 — 0.335 in)

At inspection:

9.0 — 10.0 mm (0.354 — 0.394 in)



- (A) Front side belt
- (B) Rear side belt
- C/P Crank pulley
- GEN Generator
- P/S Power steering oil pump pulley
- A/C Air conditioning compressor pulley
- I/P Idler pulley