

## 12.V-belt

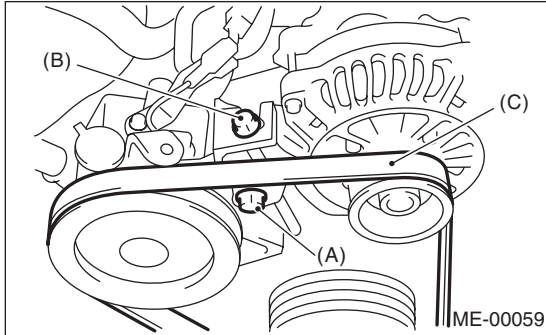
### A: REMOVAL

**NOTE:**

Perform the work with the engine installed to body when replacing a single part.

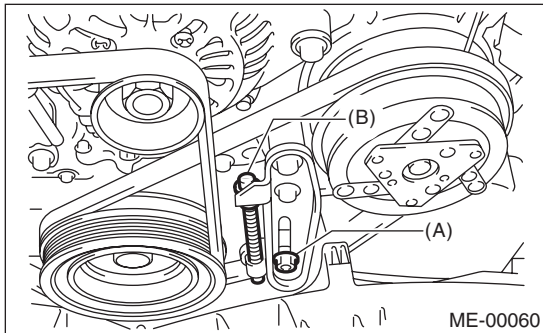
#### 1. FRONT SIDE BELT

- 1) Remove the collector cover.
- 2) Loosen the lock bolt (A).
- 3) Loosen the slider bolt (B).
- 4) Remove the front side belt (C).

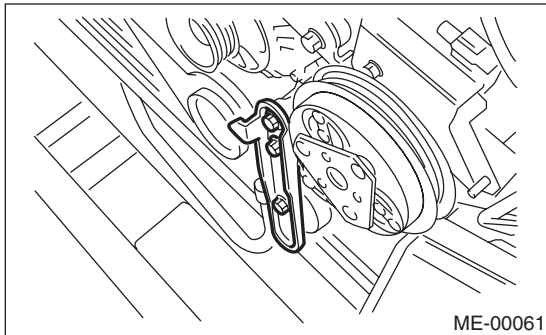


#### 2. REAR SIDE BELT

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



- 3) Remove the rear side belt.
- 4) Remove the belt tensioner.



### B: INSTALLATION

**CAUTION:**

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

#### 1. FRONT SIDE BELT

- 1) Install the front side belt (C), and tighten the slider bolt so as to obtain the specified belt tension. <Ref. to ME(H4DOTC)-41, INSPECTION, V-belt.>
- 2) Tighten the lock bolt (A).
- 3) Tighten the slider bolt (B).

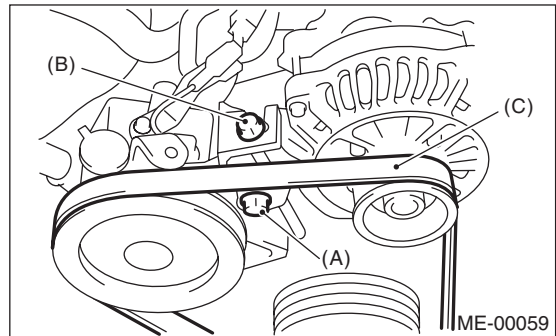
**Tightening torque:**

**Lock bolt through bolt:**

**25 N·m (2.5 kgf-m, 18.1 ft-lb)**

**Slider bolt**

**8 N·m (0.8 kgf-m, 5.5 ft-lb)**



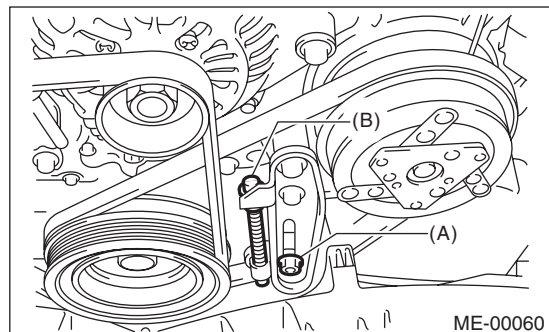
#### 2. REAR SIDE BELT

- 1) Install the belt tensioner.
- 2) Install a rear side belt, and tighten the slider bolt (B) so as to obtain the specified belt tension. <Ref. to ME(H4DOTC)-41, 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)**



## 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 generator installing position and/or idler pulley installing position.

### Belt tension (with belt tension gauge):

#### (A)

**When installing new parts**

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

**At inspection:**

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

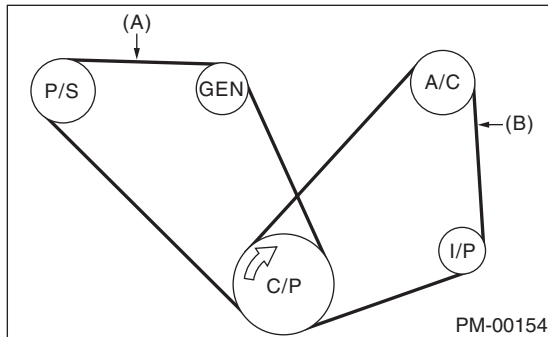
#### (B)

**When installing new parts**

**650 — 750 N (66 — 76 kgf, 146 — 169 lb)**

**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 (without 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)**

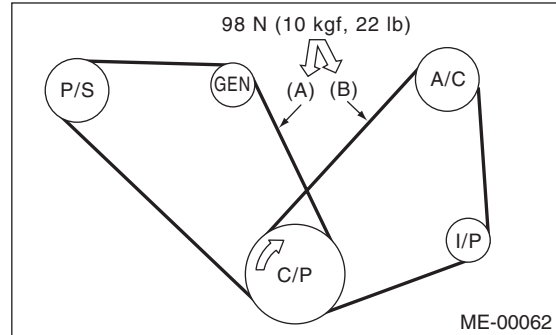
#### (B)

**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