

## 12.V-belt

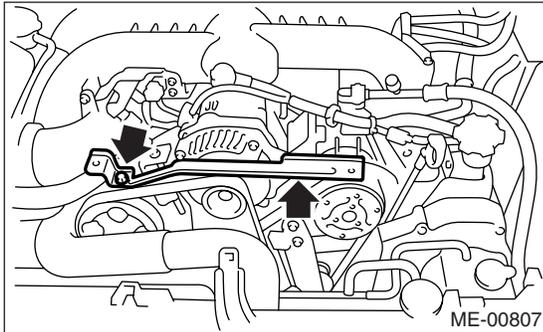
### A: REMOVAL

**NOTE:**

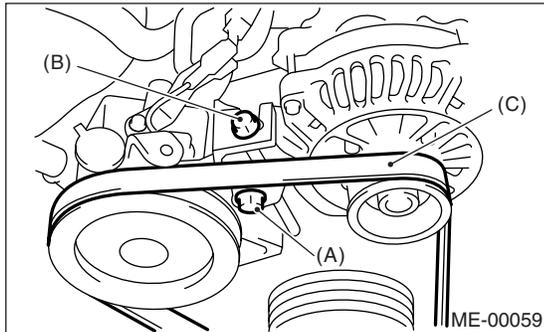
Perform the following procedures with the engine installed to the body.

#### 1. FRONT SIDE BELT

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

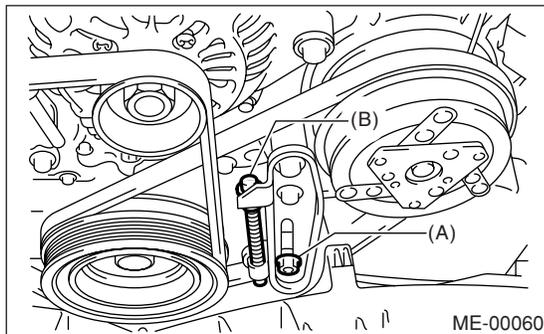


- 3) Loosen the lock bolt (A).
- 4) Loosen the slider bolt (B).
- 5) Remove the front side belt (C).



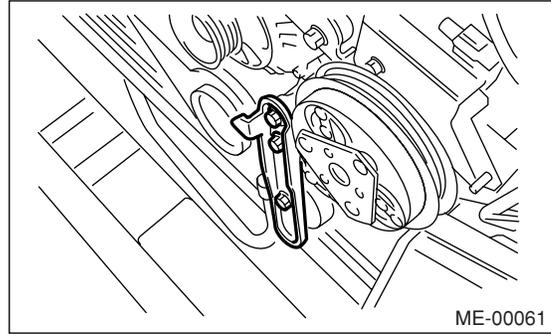
#### 2. REAR SIDE BELT

- 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).

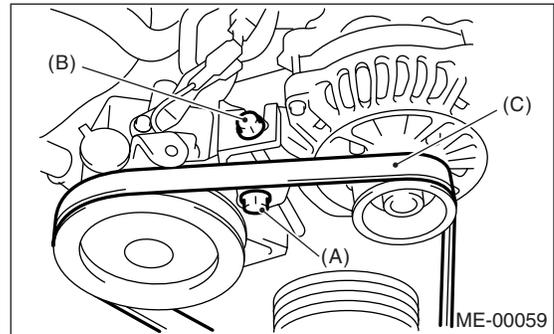
**Tightening torque:**

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

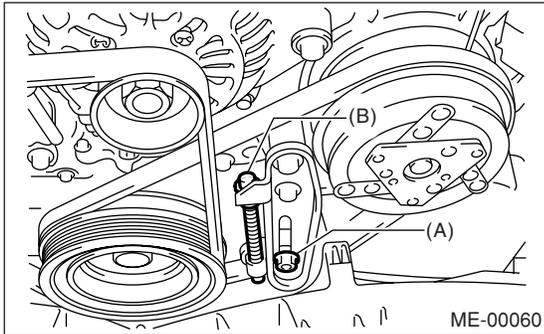
# V-belt

MECHANICAL

## 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 the generator installing position and 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)**

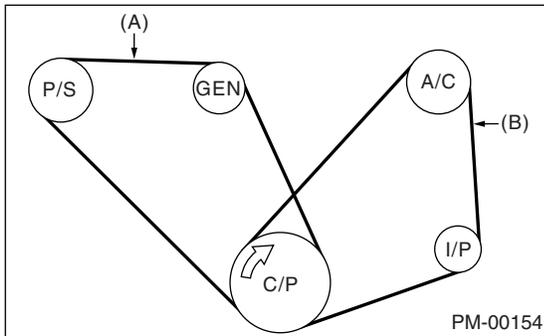
#### (B)

#### When installing new parts:

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

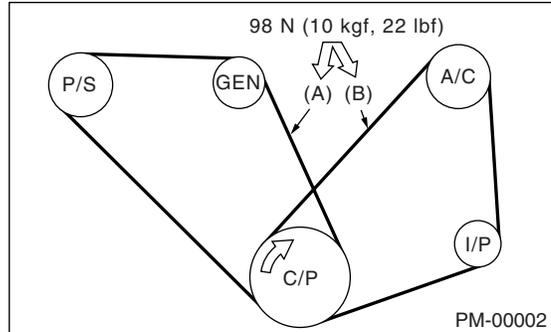
#### (B)

#### 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 A/C compressor pulley
- I/P Idler pulley