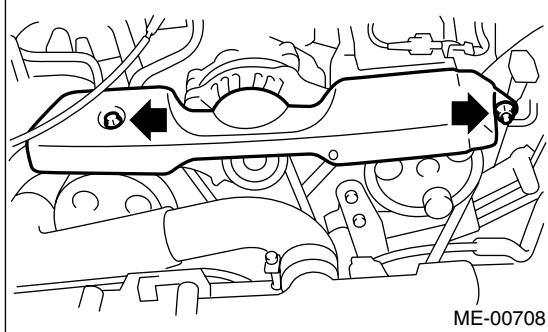


12.V-belt

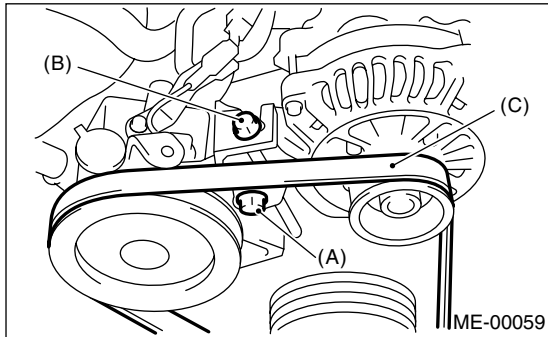
A: REMOVAL

1. FRONT SIDE BELT

- 1) Remove the V-belt cover.

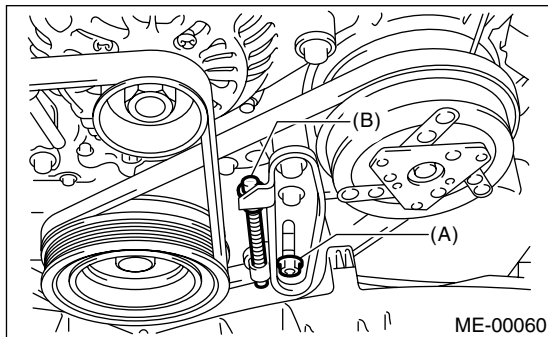


- 2) Loosen the lock bolt (A).
- 3) Loosen the slider bolt (B).
- 4) Remove the front side belt (C).



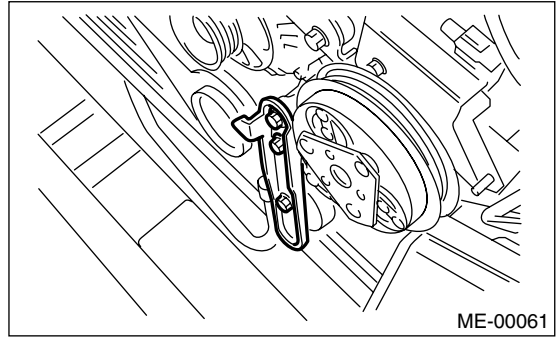
2. REAR SIDE BELT

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



- 3) Remove the A/C belt.

- 4) Remove the A/C belt tensioner.



B: INSTALLATION

1. FRONT SIDE BELT

CAUTION:

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

- 1) Install the belt (C), and tighten the slider bolt so as to obtain the specified belt tension <Ref. to ME(STi)-42, INSPECTION, V-belt.>
- 2) Tighten the lock bolt (A).
- 3) Tighten the slider bolt (B).

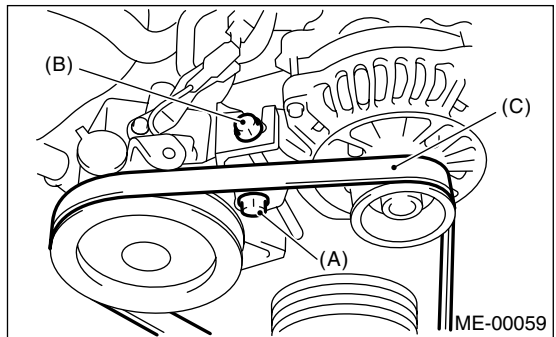
Tightening torque:

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)



- 4) Idle the engine for approx. 5 min. to normalize the V-belt. (With using tension gauge)
- 5) Stop the engine, and then check the belt tension and adjust it. (With using tension gauge)
- 6) Idle the engine for approx. 1 min. to normalize the V-belt. (With using tension gauge)
- 7) Stop the engine, and then check the belt tension is within specified value. (With using tension gauge)
- 8) Adjust the belt tension until the value within specification. (With using tension gauge)

V-BELT

MECHANICAL

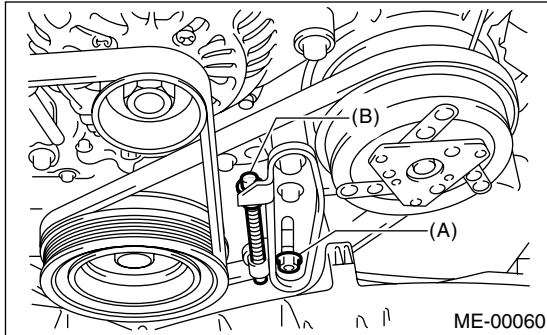
2. REAR SIDE BELT

- 1) Install the belt, and tighten the slider bolt (B) so as to obtain the specified belt tension. <Ref. to ME(STi)-42, INSPECTION, V-belt.>
- 2) Tighten the lock nut (A).

Tightening torque:

Lock nut (A);

22.6 N·m (2.3 kgf·m, 16.6 ft·lb)



- 3) Idle the engine for approx. 5 min. to normalize the V-belt. (With using tension gauge)
- 4) Stop the engine, and then check the belt tension and adjust it. (With using tension gauge)
- 5) Idle the engine for approx. 1 min. to normalize the V-belt. (With using tension gauge)
- 6) Stop the engine, and then check the belt tension is within specified value. (With using tension gauge)
- 7) Adjust the belt tension until the value within specification. (With using tension gauge)

C: INSPECTION

1. WITHOUT USING BELT TENSION GAUGE

- 1) Replace the belts, if cracks, fraying or wear is found.
- 2) Check the drive belt tension and adjust it if necessary by changing generator installing position and/or idler pulley installing position.

Belt tension

(A)

replaced: 7 — 9 mm (0.276 — 0.354 in)

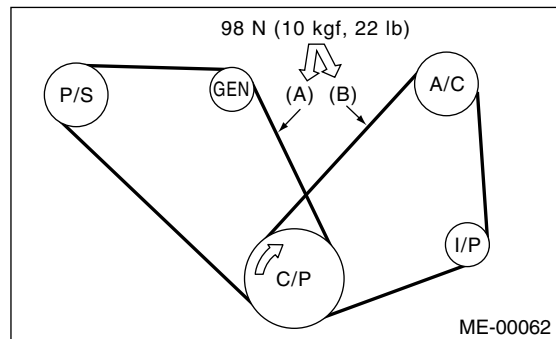
reused: 9 — 11 mm (0.354 — 0.433 in)

(B)*

replaced: 7.5 — 8.5 mm (0.295 — 0.335 in)

reused: 9.0 — 10.0 mm (0.354 — 0.394 in)

***: with air conditioner**



C/P Crankshaft pulley

GEN Generator

P/S Power steering oil pump pulley

A/C Air conditioning compressor pulley

I/P Idler pulley

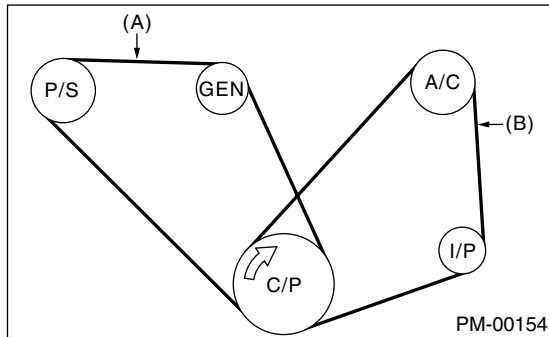
2. WITH USING BELT TENSION GAUGE

- 1) Replace the belts, if cracks, fraying or wear is found.
- 2) Remove the V-belt cover and radiator reservoir tank.
- 3) Check the belt tension using belt tension gauge. And adjust it if necessary by changing the generator installing position and/or idler pulley installing position.

Belt tension

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

(B) 350 — 450 N (36 — 46 kgf, 79 — 101 lb)



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