

V-BELT

MECHANICAL

12.V-belt

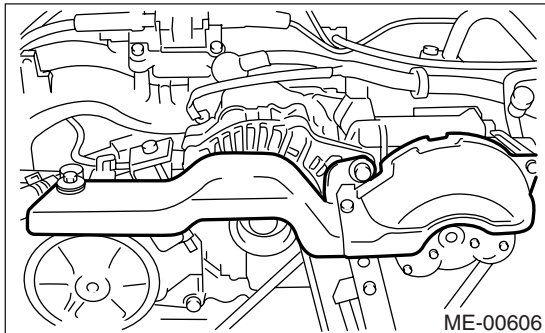
A: REMOVAL

1. FRONT SIDE BELT

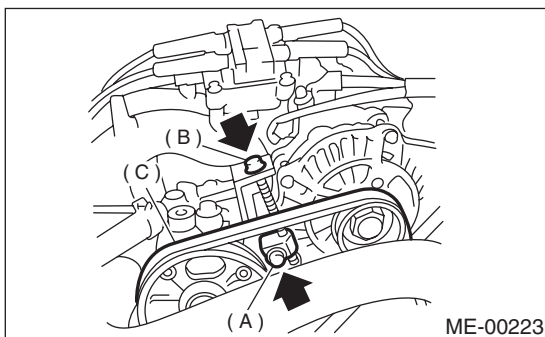
NOTE:

Perform the following procedures 1) to 4) with the engine installed to the body.

1) Remove V-belt cover.

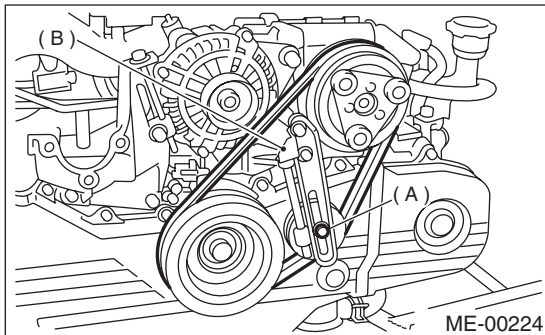


- 2) Loosen the lock bolt (A).
- 3) Loosen the slider bolt (B).
- 4) Remove the front side belt (C).

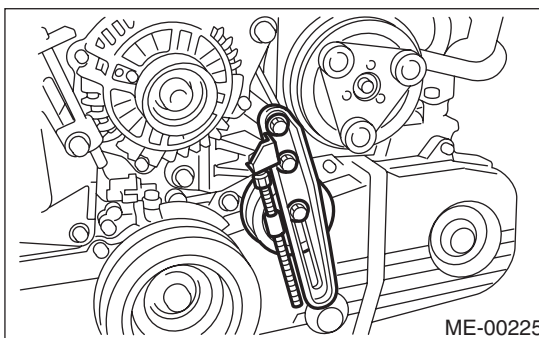


2. REAR SIDE BELT

- 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

- 1) Wipe off any oil or water on the belt and pulley.
- 2) Install a belt (C), and tighten the slider bolt so as to obtain the specified belt tension <Ref. to ME(H4SO)-41, INSPECTION, V-belt.>
- 3) Tighten the lock bolt (A).
- 4) Tighten slider bolt (B).

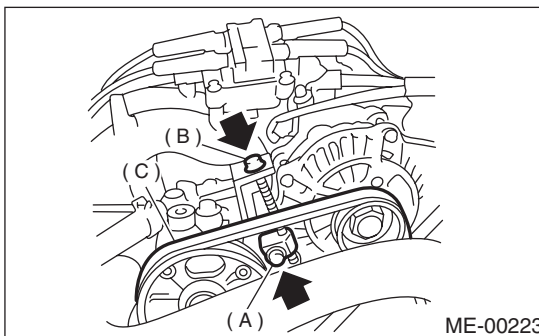
Tightening torque:

Lock bolt through bolt:

25 N·m (2.5 kgf·m, 18 ft·lb)

Slider bolt:

8 N·m (0.8 kgf·m, 5.8 ft·lb)



- 5) Install V-belt cover.

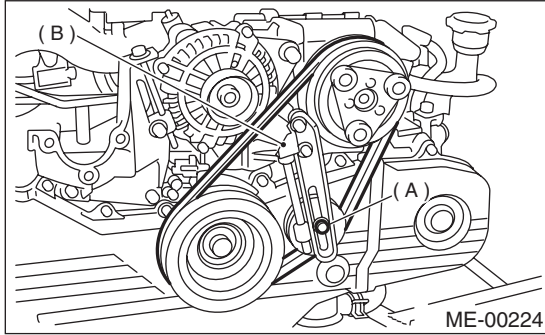
2. REAR SIDE BELT

- 1) Install a belt, and tighten the slider bolt (B) so as to obtain the specified belt tension. <Ref. to ME(H4SO)-41, 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)



C: INSPECTION

1. WITHOUT BELT TENSION GAUGE

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

Belt tension

(A)

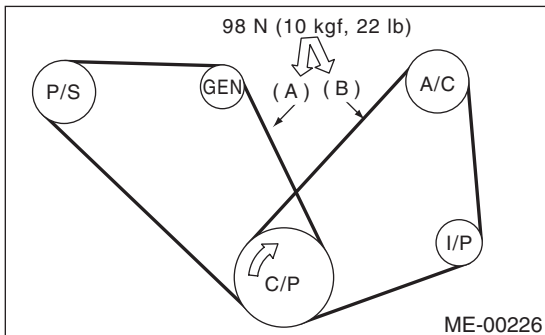
new: 7 — 9 mm (0.276 — 0.354 in)

reused: 9 — 11 mm (0.354 — 0.433 in)

(B)*

new: 7.5 — 8.5 mm (0.295 — 0.335 in)

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



- 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 BELT TENSION GAUGE

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

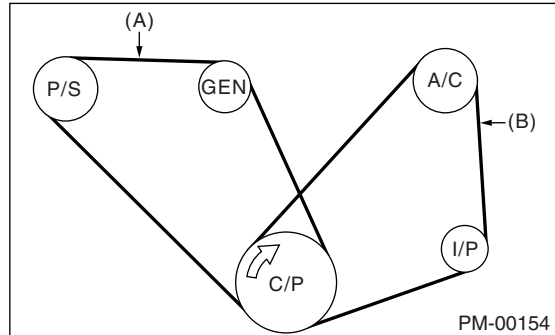
Belt tension

(A)

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

(B)*

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



- C/P Crankshaft pulley
- GEN Generator
- P/S Power steering oil pump pulley
- A/C Air conditioning compressor pulley
- I/P Idler pulley