

V-BELT

MECHANICAL

12.V-belt

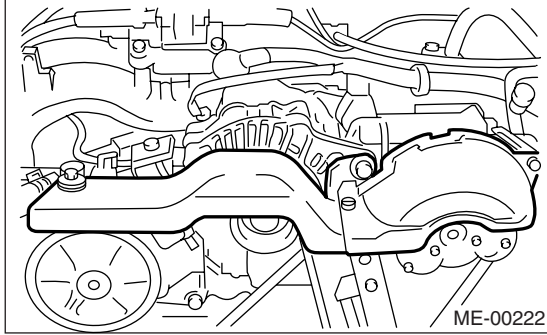
A: REMOVAL

1. FRONT SIDE BELT

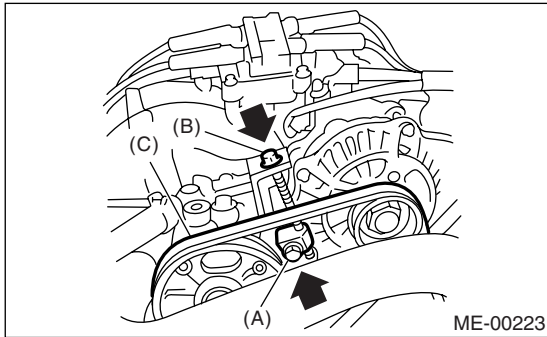
NOTE:

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

- 1) Remove the V-belt cover.

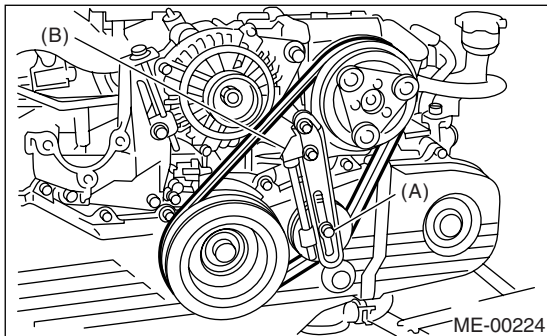


- 2) Loosen the lock bolt (A).
- 3) Loosen the slider bolt (B).
- 4) Remove the front side belt (C).

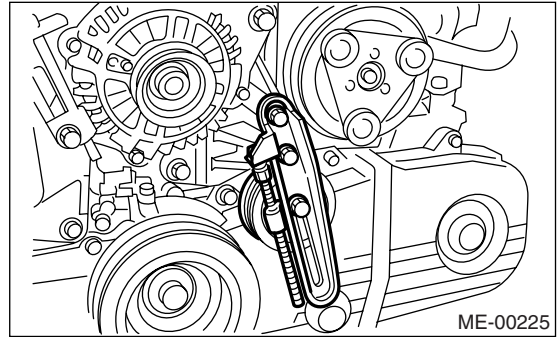


2. REAR SIDE BELT

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



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



B: INSTALLATION

CAUTION:

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

1. FRONT SIDE BELT

- 1) Install the belt (C), and tighten the slider bolt so as to obtain the specified belt tension <Ref. to ME(H4SO)-43, INSPECTION, V-belt.>
- 2) Tighten the lock bolt (A)
- 3) Tighten the slider bolt (B).

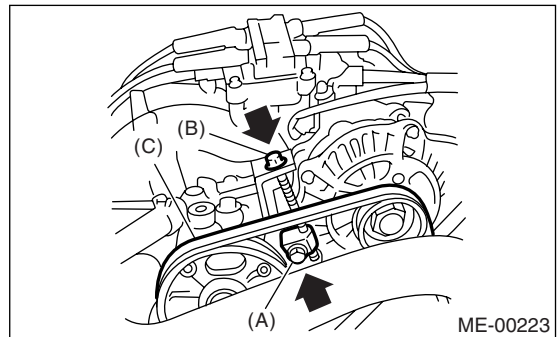
Tightening torque:

Lock 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)

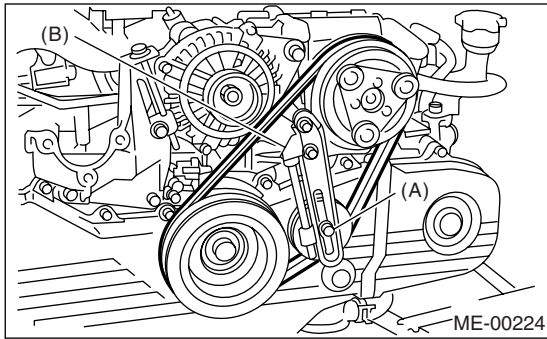


2. REAR SIDE BELT

- 1) Install the belt, and tighten the slider bolt (B) so as to obtain the specified belt tension. <Ref. to ME(H4SO)-43, 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) Replace the belts, if cracks, fraying or wear is found.
- 2) Check the drive belt tension and adjust it if necessary by changing the generator installing position and/or idler pulley installing position.

Belt tension (With belt tension gauge)

(A)
replaced: 618 — 755 N (63 — 73 kgf, 139 — 169 lb)
reused: 490 — 640 N (50 — 65 kgf, 110 — 144 lb)

(B)*
replaced: 740 — 880 N (76 — 89 kgf, 167 — 197 lb)
reused: 350 — 450 N (36 — 46 kgf, 78 — 101 lb)

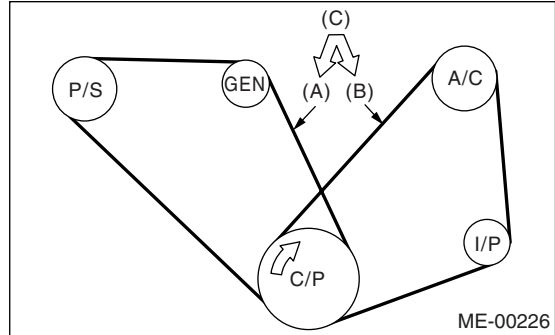
***: Model with air conditioning system**

Belt tension (With belt tension gauge)

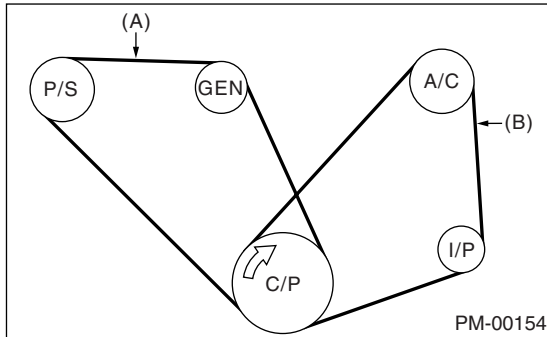
(A)
replaced: 7 — 9 mm (0.276 — 0.354 in)
reused: 9 — 11 mm (0.354 — 0.433 in)

(B)*
replaced: 7.5 — 8.5 mm (0.295 — 0.335 in)
reused: 9.0 — 10.0 mm (0.354 — 0.394 in)

***: Model with air conditioning system**



- (A) Front side belt
- (B) Rear side belt
- (C) 98 N (10 kgf, 22 lb)
- C/P Crank pulley
- GEN Generator
- P/S Power steering oil pump pulley
- A/C Air conditioning compressor pulley
- I/P Idler pulley



- (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