

18.Rear Chain Cover

A: REMOVAL

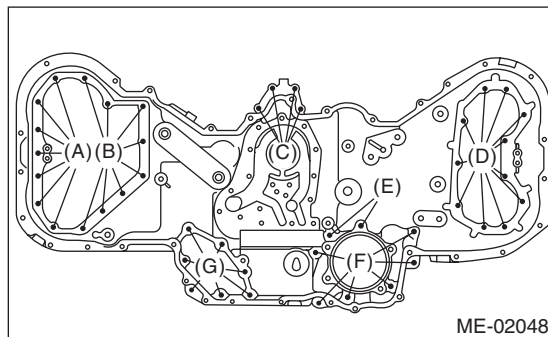
NOTE:

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

- 1) Remove the V-belts. <Ref. to ME(H6DO)-38, REMOVAL, V-belt.>
- 2) Remove the crank pulley. <Ref. to ME(H6DO)-39, REMOVAL, Crank Pulley.>
- 3) Remove the front chain cover. <Ref. to ME(H6DO)-40, REMOVAL, Front Chain Cover.>
- 4) Remove the timing chain. <Ref. to ME(H6DO)-42, REMOVAL, Timing Chain Assembly.>
- 5) Remove the cam sprocket. <Ref. to ME(H6DO)-47, REMOVAL, Cam Sprocket.>
- 6) Remove the crank sprocket. <Ref. to ME(H6DO)-48, REMOVAL, Crank Sprocket.>
- 7) Remove the oil pump. <Ref. to LU(H6DO)-8, REMOVAL, Oil Pump.>
- 8) Remove the water pump. <Ref. to CO(H6DO)-12, REMOVAL, Water Pump.>
- 9) Remove the rear chain cover.

NOTE:

Installation bolt has seven different sizes. To prevent the confusion in installation, keep these bolts on container individually.



- (A) M6 × 14
- (B) M6 × 18 (Light green coating)
- (C) M6 × 30
- (D) M6 × 18
- (E) M8 × 40
- (F) M8 × 30
- (G) M6 × 22

B: INSTALLATION

NOTE:

When replacing the rear chain cover, suitable size cover must be selected. <Ref. to LU(H6DO)-9, INSPECTION, Oil Pump.>

- 1) Remove the used liquid gasket from mating surface, and degrease it.
- 2) Apply liquid gasket to the mating surface of rear chain cover.

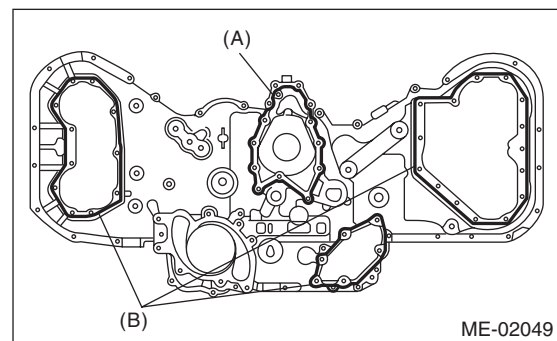
Liquid gasket

THREE BOND 1280B (Part No. K0877A018)

Applying liquid gasket diameter

(A) $1.0 \pm 0.5 \text{ mm}$ ($0.039 \pm 0.020 \text{ in}$)

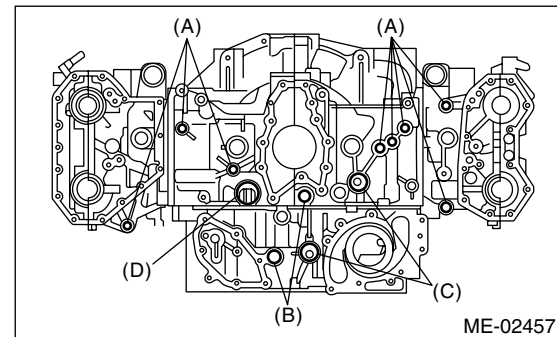
(B) $3.0 \pm 1.0 \text{ mm}$ ($0.118 \pm 0.039 \text{ in}$)



- 3) Install the O-ring.

NOTE:

- Use new O-rings.
- Do not install the O-ring in wrong place.



- (A) 14.2×1.9
- (B) 19.2×2.4
- (C) 25×2
- (D) 31.2×1.9

- 4) Install the water pump gasket.

NOTE:

Use a new gasket.

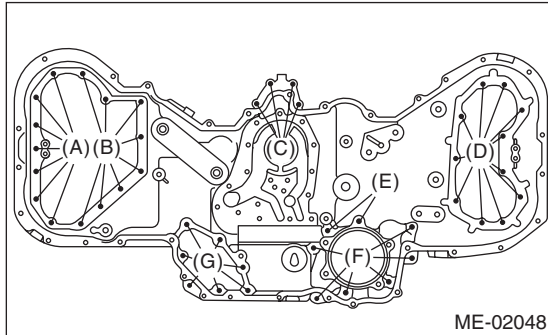
Rear Chain Cover

MECHANICAL

5) Temporarily tighten the rear chain cover.

NOTE:

Do not install the bolts in wrong place.

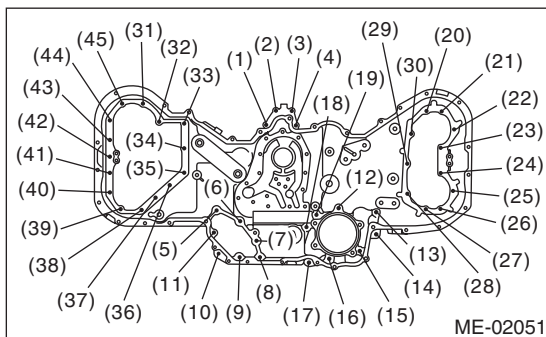


- (A) M6 × 14
- (B) M6 × 18 (Light green coating)
- (C) M6 × 30
- (D) M6 × 18
- (E) M8 × 40
- (F) M8 × 30
- (G) M6 × 22

6) Tighten the bolts in the numerical order as shown in the figure.

Tightening torque:

(1) — (11)	9 N·m (0.9 kgf-m, 6.5 ft-lb)
(12) — (19)	20 N·m (2.0 kgf-m, 14 ft-lb)
(20) — (30)	9 N·m (0.9 kgf-m, 6.5 ft-lb)
(31) — (38)	12 N·m (1.2 kgf-m, 8.7 ft-lb)
(39) — (45)	9 N·m (0.9 kgf-m, 6.5 ft-lb)



7) Install the water pump. <Ref. to CO(H6DO)-12, INSTALLATION, Water Pump.>

8) Install the oil pump. <Ref. to LU(H6DO)-8, INSTALLATION, Oil Pump.>

9) Install the crank sprocket. <Ref. to ME(H6DO)-48, INSTALLATION, Crank Sprocket.>

10) Install the cam sprocket. <Ref. to ME(H6DO)-47, INSTALLATION, Cam Sprocket.>

11) Install the timing chain. <Ref. to ME(H6DO)-43, INSTALLATION, Timing Chain Assembly.>

12) Install the front chain cover. <Ref. to ME(H6DO)-40, INSTALLATION, Front Chain Cover.>

13) Install the crank pulley. <Ref. to ME(H6DO)-39, INSTALLATION, Crank Pulley.>

14) Install the V-belts. <Ref. to ME(H6DO)-38, INSTALLATION, V-belt.>