

18. Rear Chain Cover

A: REMOVAL

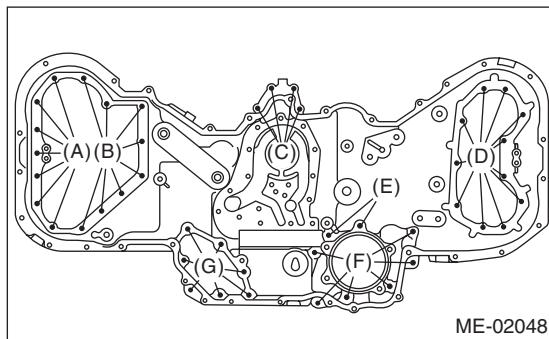
NOTE:

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

B: INSTALLATION

NOTE:

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

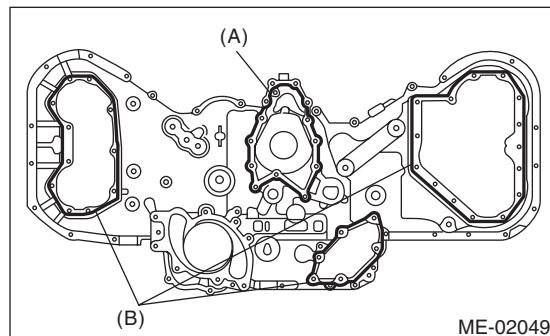
- 1) Remove the used liquid gasket from mating surface, and degrease it.
- 2) Apply liquid gasket to the mating surface of rear chain cover.

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

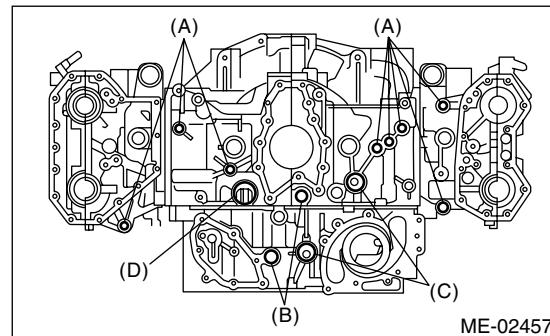


ME-02049

- 3) Install the O-ring.

NOTE:

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



ME-02457

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

- 4) Install the water pump gasket.

NOTE:

Use a new gasket.

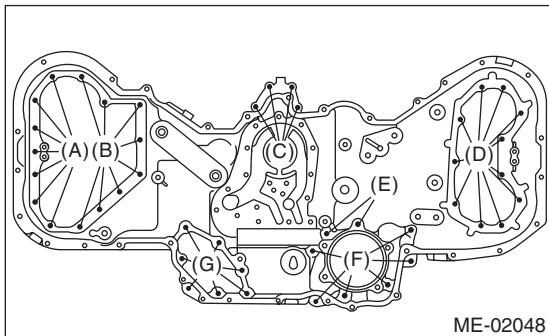
Rear Chain Cover

MECHANICAL

5) Temporarily tighten the rear chain cover.

NOTE:

Do not install the bolts in wrong place.

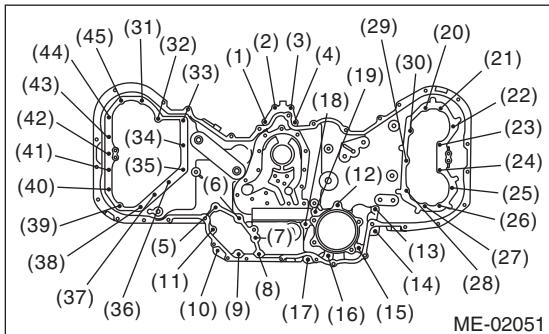


- (A) M6 × 14
- (B) M6 × 18 (Light green coating)
- (C) M6 × 30
- (D) M6 × 18
- (E) M8 × 40
- (F) M8 × 30
- (G) M6 × 22

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.>