

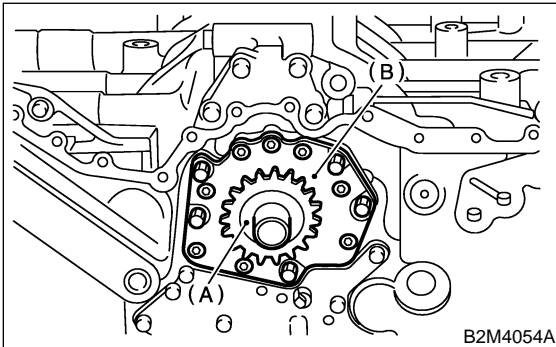
REAR CHAIN COVER

Mechanical

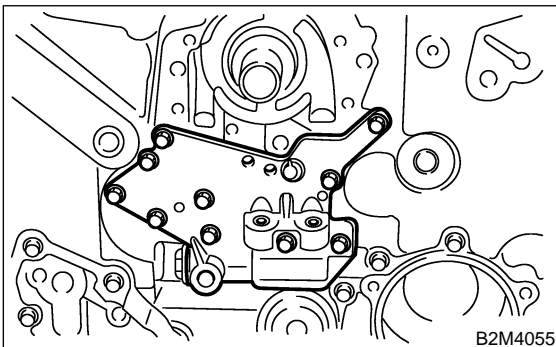
15. Rear Chain Cover S143741

A: REMOVAL S143741A18

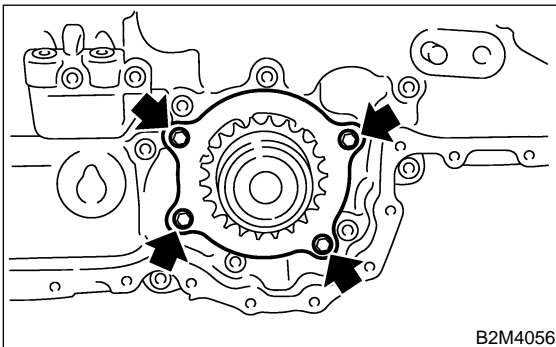
- 1) Remove crankshaft pulley. <Ref. to ME(H6)-42, REMOVAL, Crankshaft Pulley.>
- 2) Remove front chain cover. <Ref. to ME(H6)-43, REMOVAL, Front Chain Cover.>
- 3) Remove timing chain. <Ref. to ME(H6)-45, REMOVAL, Timing Chain Assembly.>
- 4) Remove camshaft sprocket. <Ref. to ME(H6)-50, REMOVAL, Camshaft Sprocket.>
- 5) Remove crankshaft sprocket. (A)
- 6) Remove oil pump. (B)



- 7) Remove oil pump relief valve case.



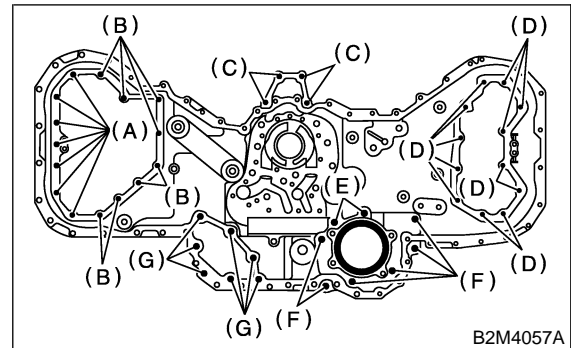
- 8) Remove water pump.



- 9) Remove rear chain cover.

CAUTION:

There are seven different types of mounting bolts. Sort them into separate containers to avoid confusion at installation.



Bolt dimension:

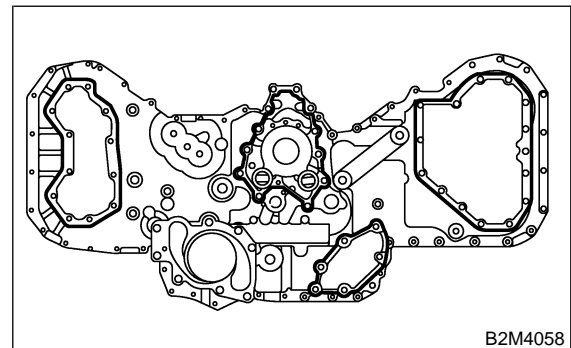
- (A) 6 × 14
- (B) 6 × 18 (Silver)
- (C) 6 × 30
- (D) 6 × 18
- (E) 6 × 40
- (F) 6 × 30
- (G) 6 × 22

B: INSTALLATION S143741A11

- 1) Remove old fluid packing on the matching surface, and degrease it.
- 2) Apply fluid packing to the mating surface of rear chain cover.

Fluid packing:

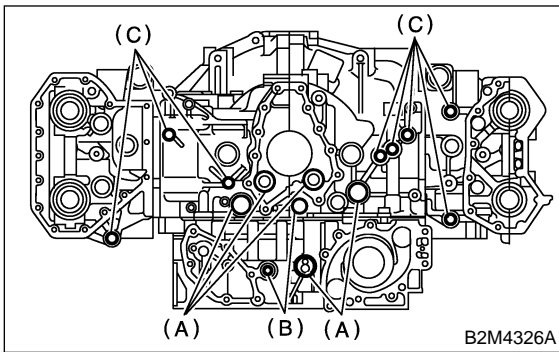
THREE BOND 1280B



- 3) Install O-ring.

CAUTION:

Do not reuse the O-ring.

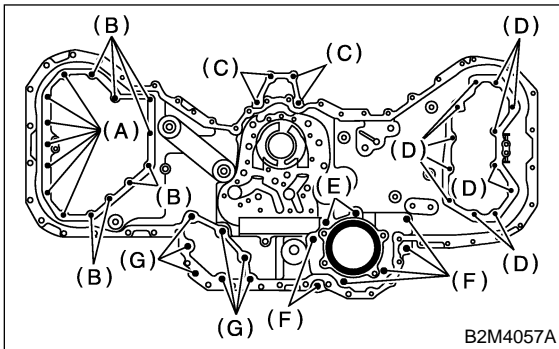


- (A) O-ring (Large)
- (B) O-ring (Medium)
- (C) O-ring (Small)

4) Temporarily tighten rear chain cover.

CAUTION:

Do not confuse the mounting positions of the bolts.



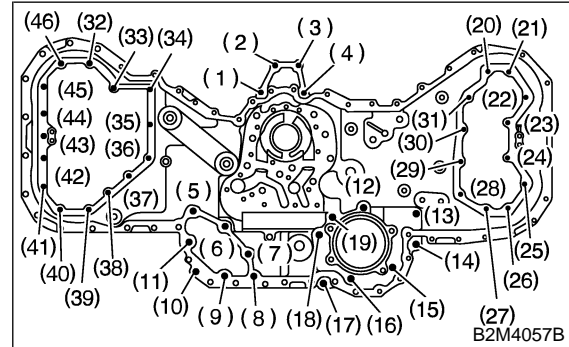
Bolt dimension:

- (A) 6 × 14
- (B) 6 × 18 (Silver)
- (C) 6 × 30
- (D) 6 × 18
- (E) 8 × 40
- (F) 8 × 30
- (G) 6 × 22

5) Tighten the bolts in the numerical sequence shown in figure.

Tightening torque:

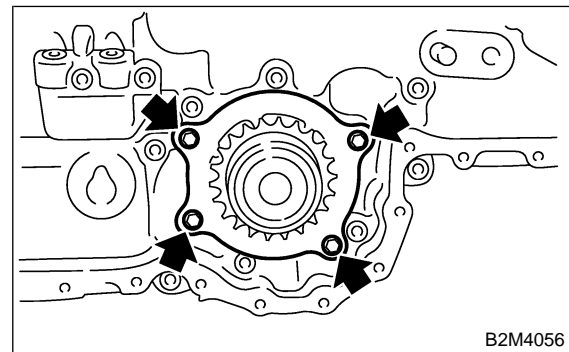
(1) to (11)	9 N·m (0.9 kgf-m, 6.5 ft-lb)
(12) to (19)	20 N·m (2.0 kgf-m, 14 ft-lb)
(20) to (31)	9 N·m (0.9 kgf-m, 6.5 ft-lb)
(32) to (39)	12 N·m (1.2 kgf-m, 8.7 ft-lb)
(40) to (46)	9 N·m (0.9 kgf-m, 6.5 ft-lb)



6) Install water pump.

Tightening torque:

6.3 N·m (0.64 kgf-m, 4.6 ft-lb)



7) Temporarily tighten oil pump relief valve case.

8) Tighten the bolts in the numerical sequence shown in figure.

Tightening torque:

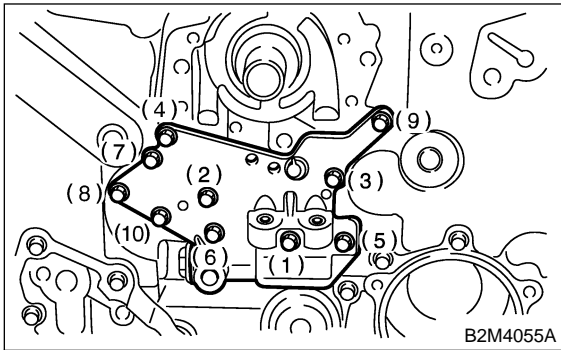
6.3 N·m (0.64 kgf-m, 4.6 ft-lb)

CAUTION:

Do not confuse the mounting positions of the bolts.

REAR CHAIN COVER

Mechanical



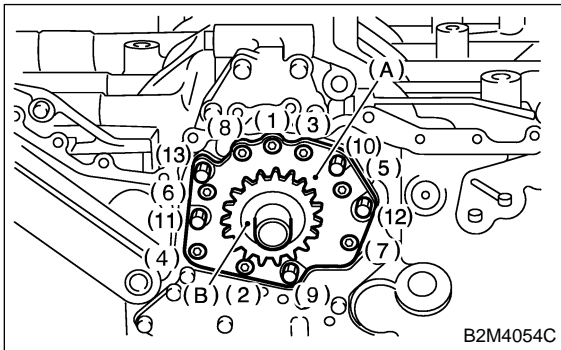
Bolt installation position	Bolt dimension
(1) and (5)	6 x 26
(2), (3), (4) and (9)	6 x 35
(6), (7), (8) and (10)	6 x 16

- 9) Install oil pump (A).
- 10) Tighten the bolts in the numerical sequence shown in figure.

Tightening torque:

6.3 N·m (0.64 kgf·m, 4.6 ft·lb)

- 11) Install crankshaft sprocket (B).



- 12) Install camshaft sprocket. <Ref. to ME(H6)-50, INSTALLATION, Camshaft Sprocket.>
- 13) Install timing chain. <Ref. to ME(H6)-46, INSTALLATION, Timing Chain Assembly.>
- 14) Install front chain cover. <Ref. to ME(H6)-43, INSTALLATION, Front Chain Cover.>
- 15) Install crankshaft pulley. <Ref. to ME(H6)-42, INSTALLATION, Crankshaft Pulley.>