

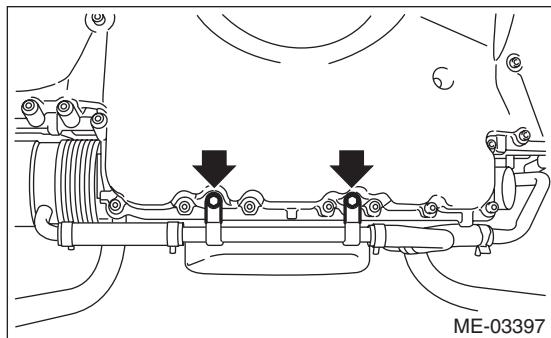
14. Chain Cover

A: REMOVAL

NOTE:

When replacing the single part, perform the work with the engine installed to body.

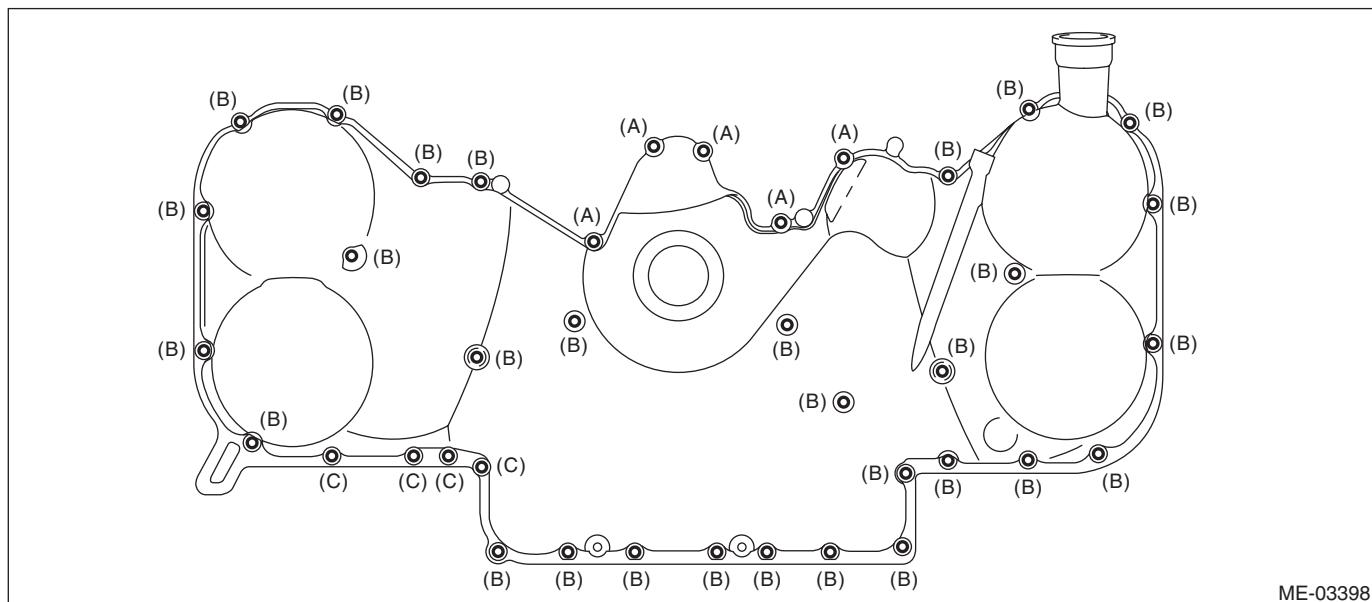
- 1) Drain the engine oil. <Ref. to LU(H6DO)-9, REPLACEMENT, Engine Oil.>
- 2) Remove the V-belts. <Ref. to ME(H6DO)-46, REMOVAL, V-belt.>
- 3) Remove the crank pulley. <Ref. to ME(H6DO)-47, REMOVAL, Crank Pulley.>
- 4) Remove the bolts which hold oil cooler pipe to chain cover.



- 5) Remove the chain cover.

NOTE:

Chain cover installation bolt has three different sizes. To prevent the confusion in installation, keep these bolts on container individually.



(A) M6 x 21

(B) M6 x 30

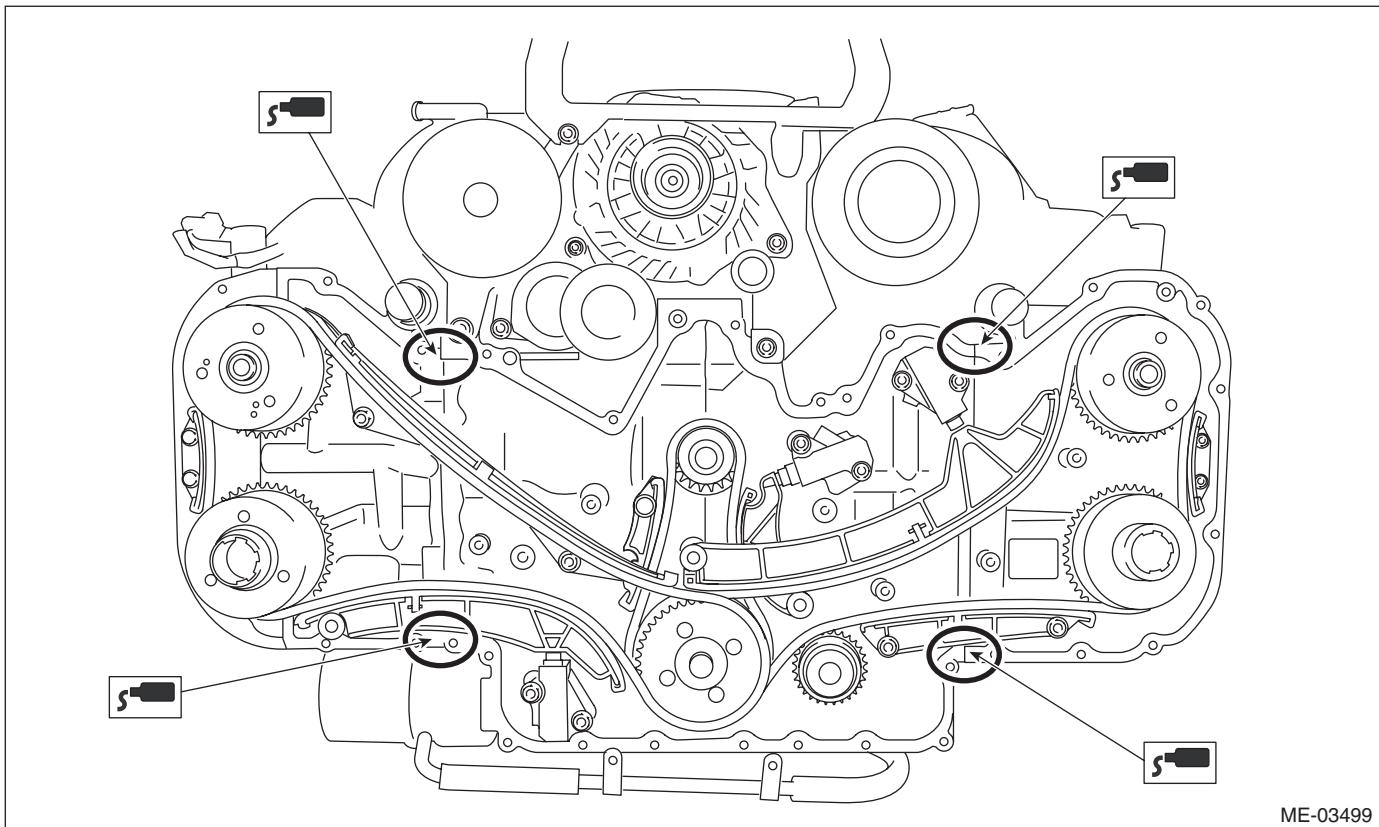
(C) M6 x 53

B: INSTALLATION

- 1) Apply liquid gasket to the mating surfaces of cylinder block, cylinder head and oil pan upper as shown in the figure.

Liquid gasket:

THREE BOND 1217G (Part No. K0877Y0100) or equivalent



ME-03499

Chain Cover

MECHANICAL

2) Apply liquid gasket to the mating surface of chain cover.

NOTE:

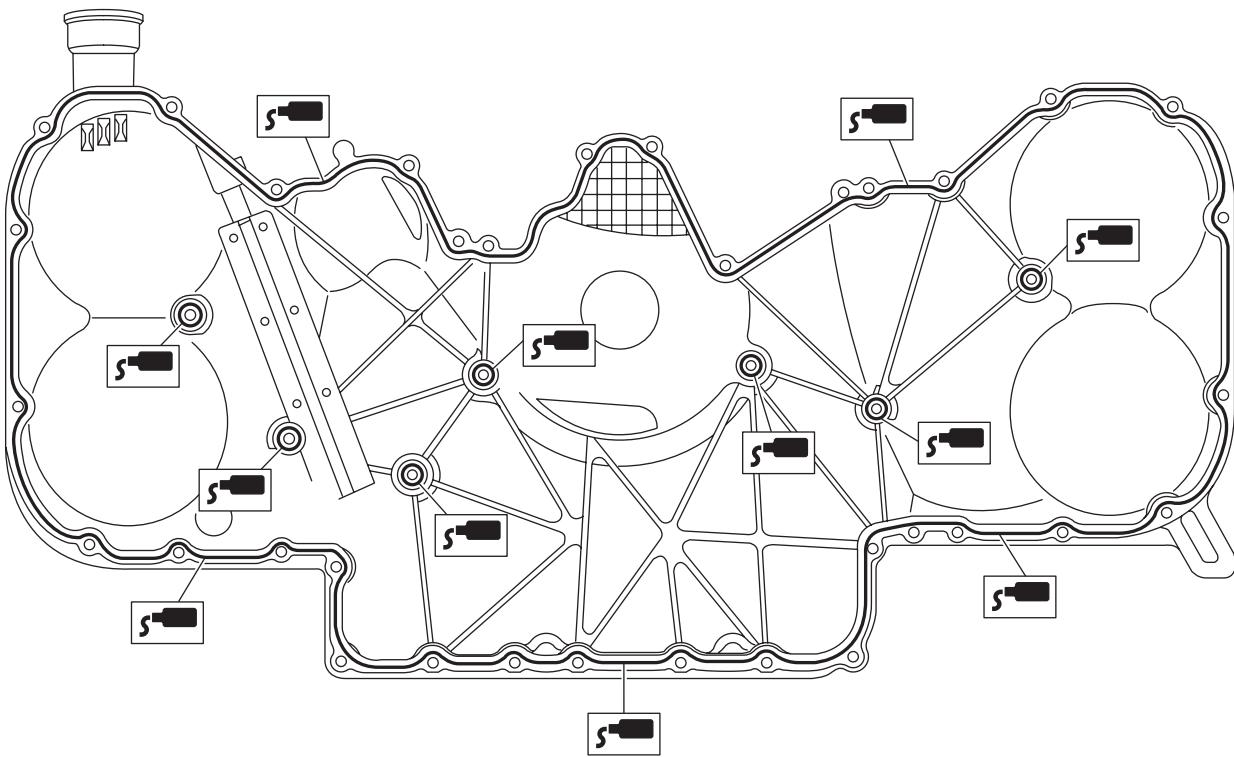
Install within 5 minutes after applying liquid gasket.

Liquid gasket:

THREE BOND 1217G (Part No. K0877Y0100) or equivalent

Applying liquid gasket diameter:

3.5 ± 0.5 mm (0.138 ± 0.020 in)

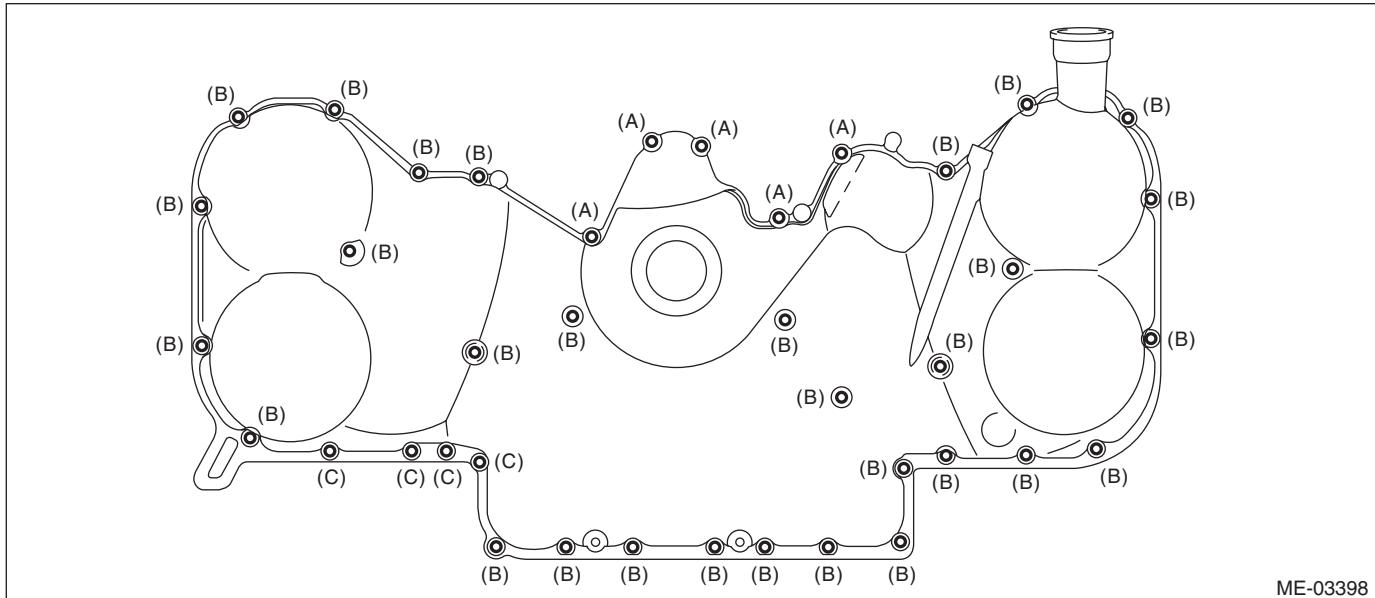


ME-03545

3) Install the chain cover and temporarily tighten the bolts.

CAUTION:

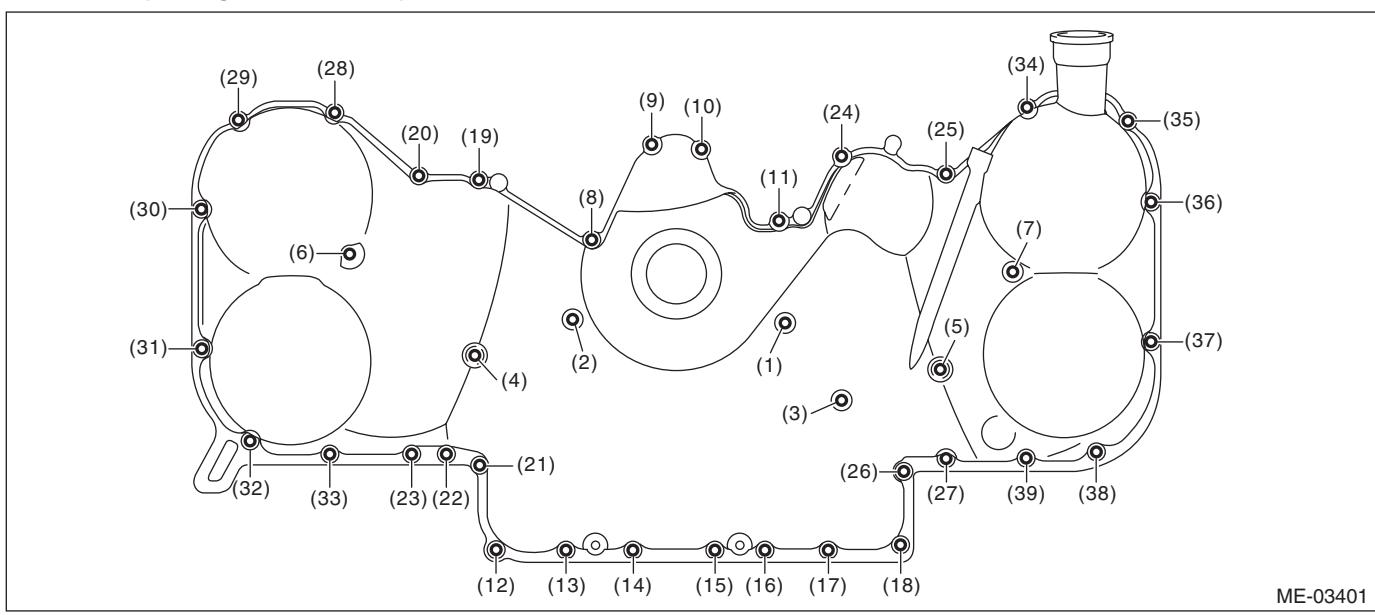
Do not install the bolts in wrong place.



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

Tightening torque:

10 N·m (1.0 kgf·m, 7.4 ft-lb)



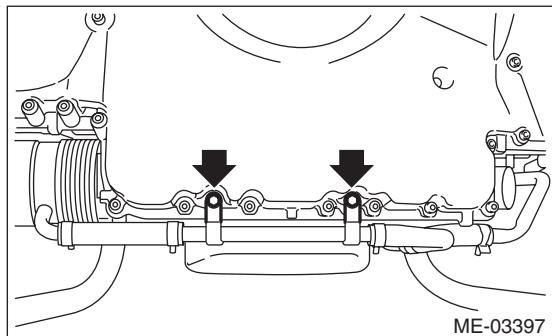
Chain Cover

MECHANICAL

5) Tighten the bolts which install oil cooler pipe on chain cover.

Tightening torque:

6.4 N·m (0.7 kgf-m, 4.7 ft-lb)



6) Install the crank pulley. <Ref. to ME(H6DO)-47, INSTALLATION, Crank Pulley.>
7) Install the V-belts. <Ref. to ME(H6DO)-46, INSTALLATION, V-belt.>
8) Fill with engine oil. <Ref. to LU(H6DO)-9, REPLACEMENT, Engine Oil.>
9) Confirm that there are no oil leakage at the chain cover mating surface.

C: INSPECTION

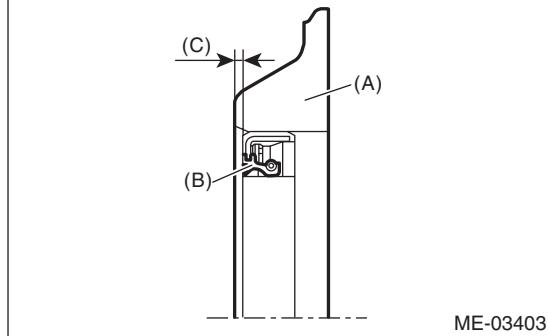
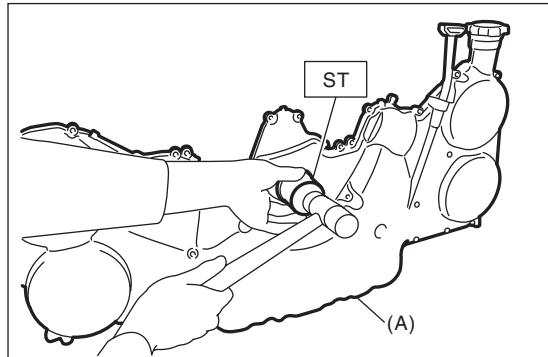
- 1) Check the cover surface for scratch or dent.
- 2) Check for oil leakage on cover mating surface and installation part of crank pulley.

If the oil leakage is found at the oil seal, replace the oil seal with a new part.

ST 499585700 OIL SEAL GUIDE

Oil seal press-fit position:

Chain cover edge — 1 mm (—0.039 in) position from chain cover edge



(A) Chain cover
(B) Oil seal
(C) Oil seal press-fit position (Chain cover edge — 1 mm (—0.039 in) position from chain cover edge)