

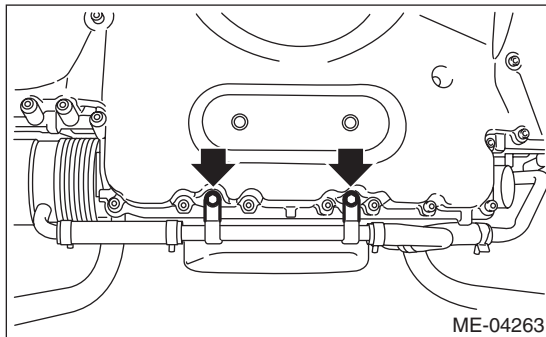
14.Chain Cover

A: REMOVAL

NOTE:

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

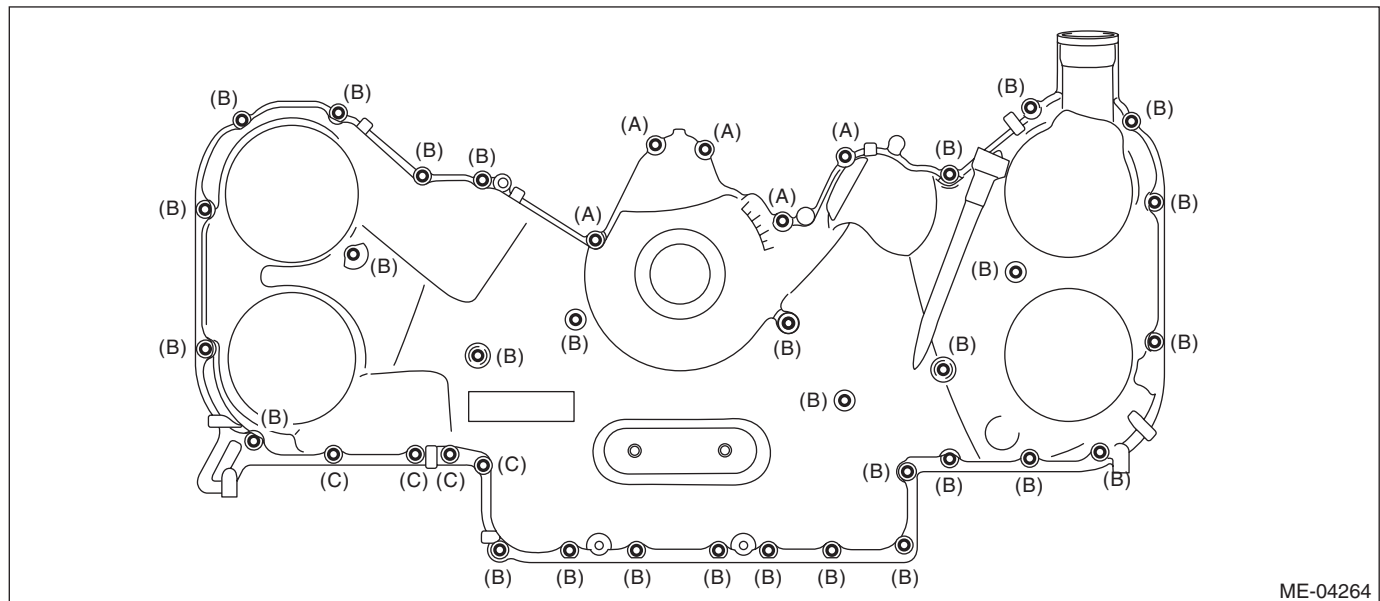
- 1) Drain the engine oil. <Ref. to LU(H6DO)-9, REPLACEMENT, Engine Oil.>
- 2) Remove the V-belts. <Ref. to ME(H6DO)-43, REMOVAL, V-belt.>
- 3) Remove the crank pulley. <Ref. to ME(H6DO)-44, REMOVAL, Crank Pulley.>
- 4) Remove the bolts which hold oil cooler pipe to chain cover.



- 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 × 21

(B) M6 × 30

(C) M6 × 53

Chain Cover

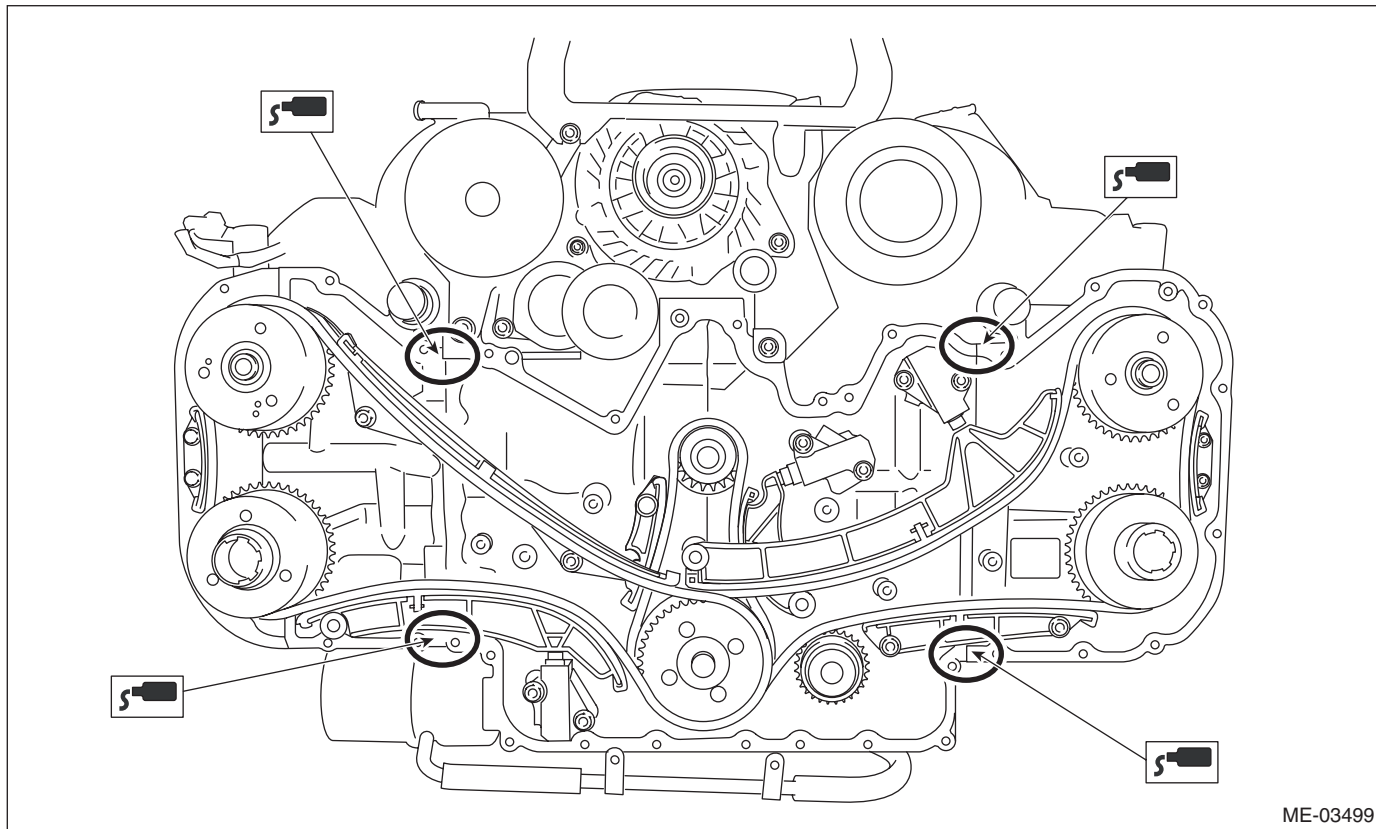
MECHANICAL

B: INSTALLATION

1) Apply liquid gasket to the mating surfaces of the 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

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

NOTE:

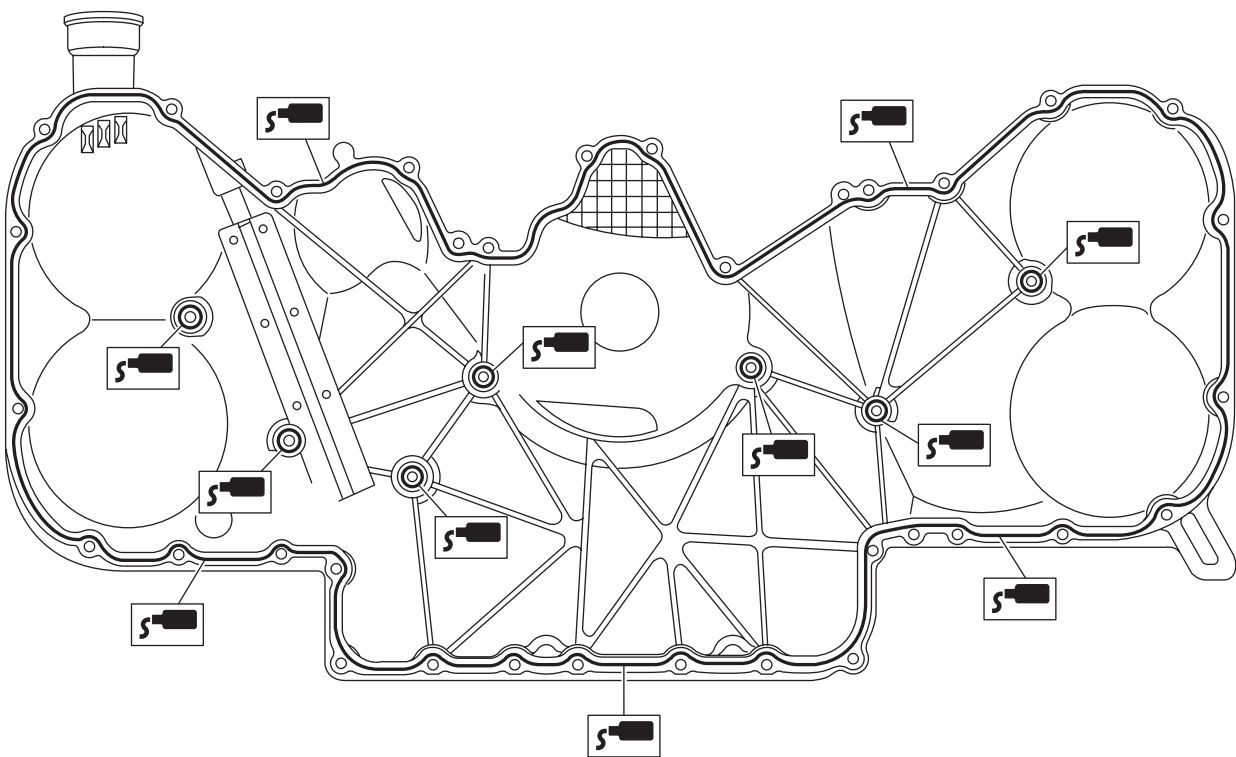
Install within 5 min. after applying liquid gasket.

Liquid gasket:

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

Liquid gasket applying diameter:

3.5 ± 0.5 mm (0.138 ± 0.020 in)



ME-03545

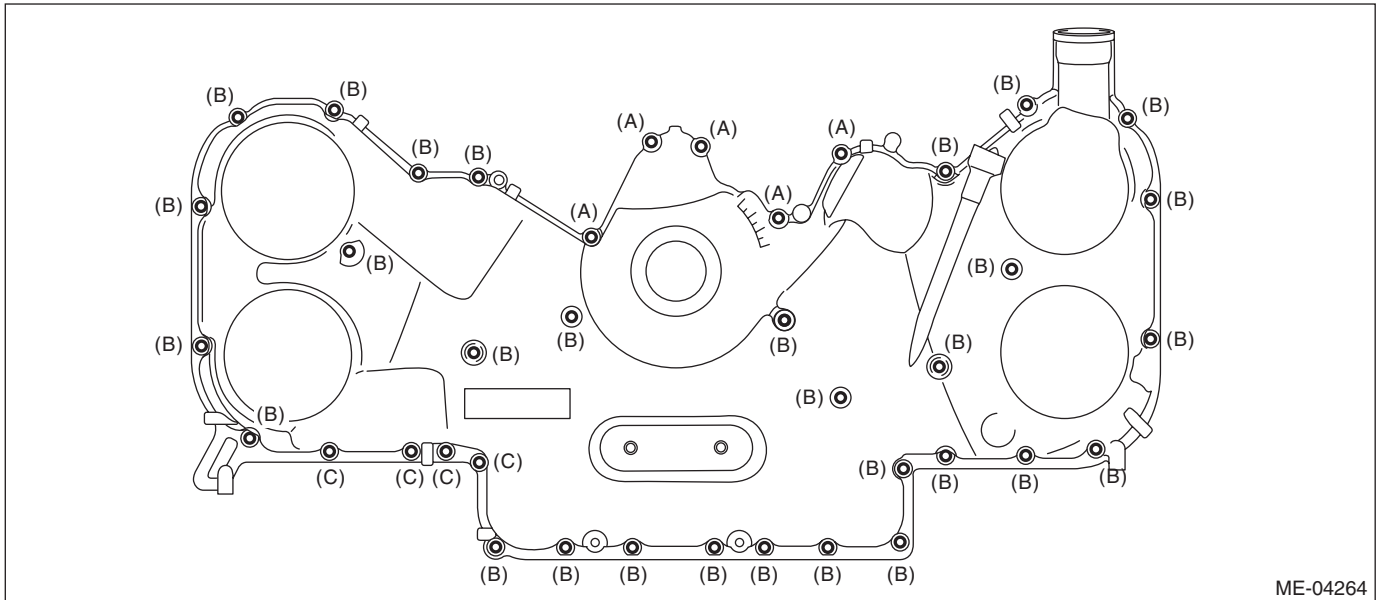
Chain Cover

MECHANICAL

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

CAUTION:

Do not install the bolts in wrong place.



(A) M6 x 21

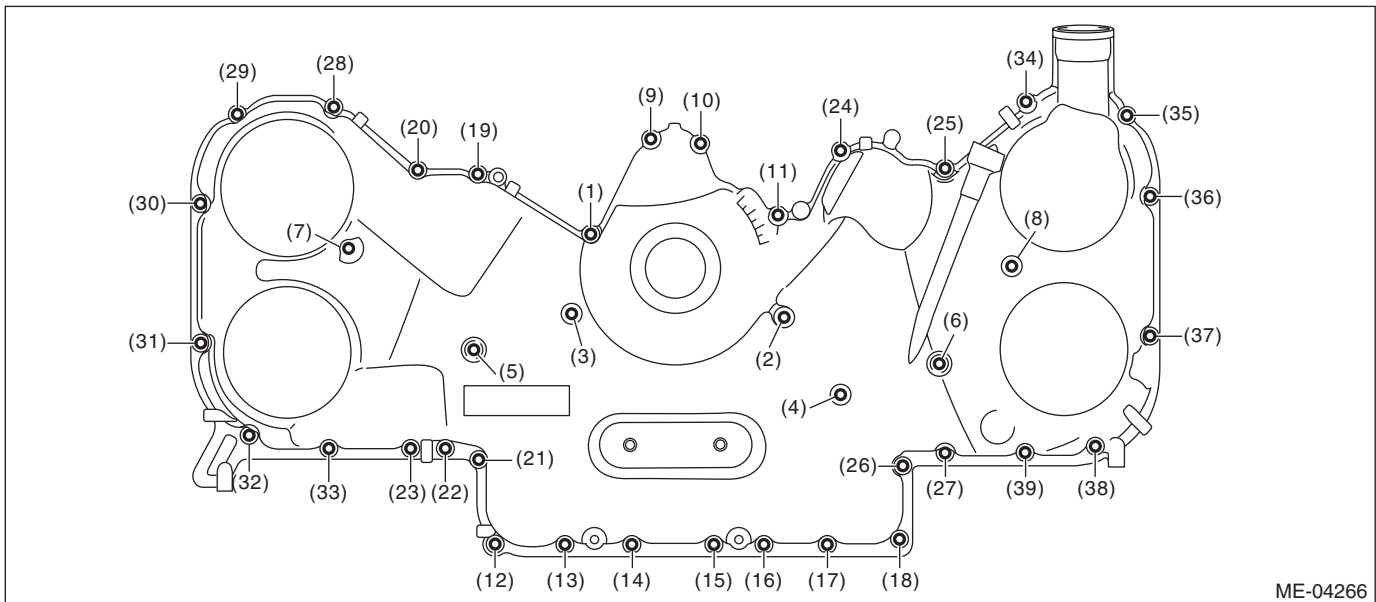
(B) M6 x 30

(C) M6 x 53

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

Tightening torque:

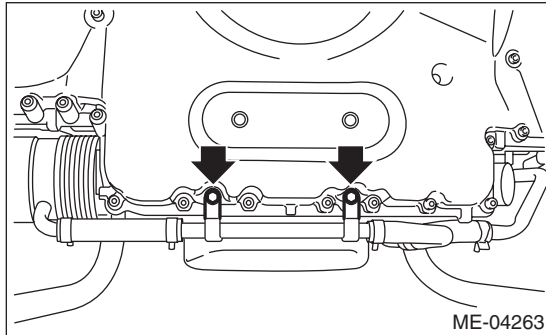
10 N·m (1.0 kgf-m, 7.4 ft-lb)



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)-44, INSTALLATION, Crank Pulley.>

7) Install the V-belts. <Ref. to ME(H6DO)-43, INSTALLATION, V-belt.>

8) Fill engine oil. <Ref. to LU(H6DO)-9, REPLACEMENT, Engine Oil.>

9) Make sure there is no oil leaks in the chain cover mating surface.

C: INSPECTION

1) Check the cover surface for scratch and damage.

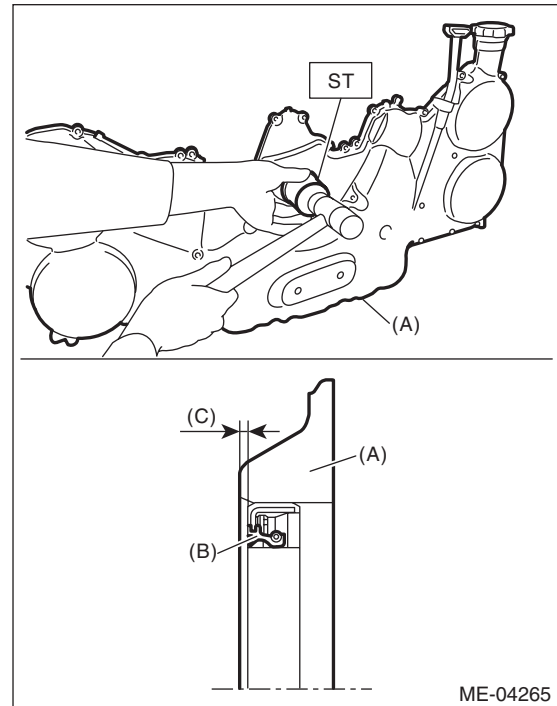
2) Check for oil leakage on cover mating surface and installation part of crank pulley.

If there is an oil leak from the oil seal, perform replacement with a new oil seal.

ST 499585700 OIL SEAL GUIDE

Oil seal press-fit position:

Chain cover end face — Position of -1 mm (-0.039 in) from the chain cover end face



(A) Chain cover

(B) Oil seal

(C) Oil seal press-fit position (Chain cover end face — Position of -1 mm (-0.039 in) from the chain cover end face)