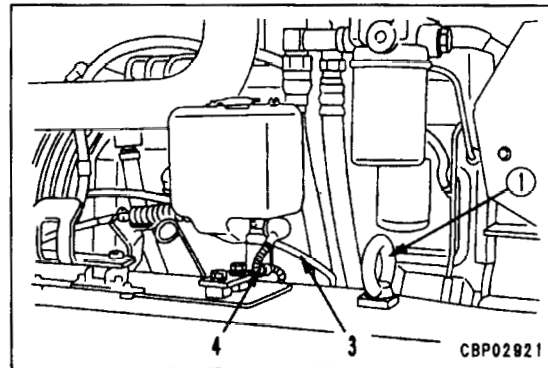
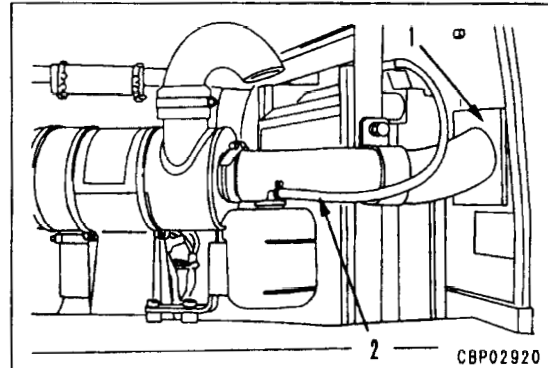



## REMOVAL OF COUNTERWEIGHT ASSEMBLY

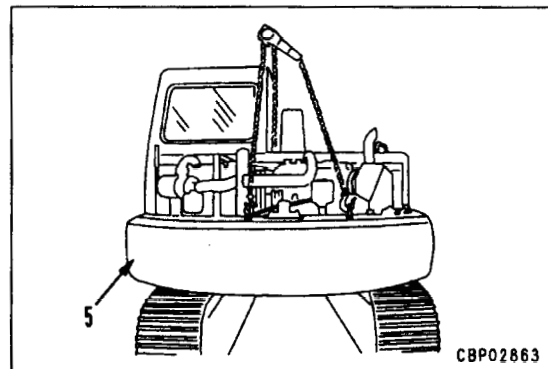
Serial No. : 52374 – 57999

1. Open engine hood.
2. Remove cover (1) at intake hose side.
3. Disconnect reservoir tank hose (2).
4. Disconnect window washer tank hose (3) and connector (4).
5. Set eyebolts ① to counterweight assembly (5), and sling.



6. Remove 4 mounting bolts (4), then lift off counterweight assembly (5). ※ 1

 Counterweight assembly : 650 kg




## INSTALLATION OF COUNTERWEIGHT ASSEMBLY

Serial No. : 52374 – 57999

- Carry out installation in the reverse order to removal.

※ 1  Thread of counterweight mounting bolt :  
Thread tightener (LT-2)

 Counterweight mounting bolt :  
549.2 ± 58.8 Nm (56 ± 6 kgm)

- ★ When installing the counterweight, adjust so that the clearance and stepped difference is uniform on the left and right.

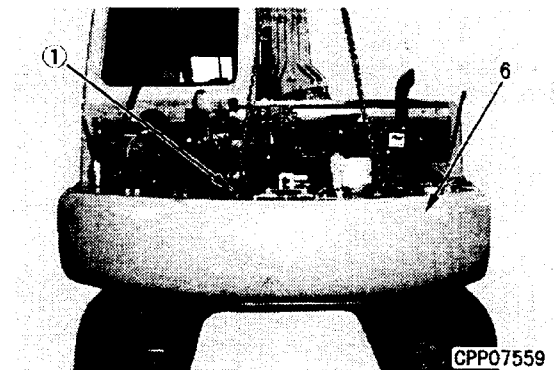
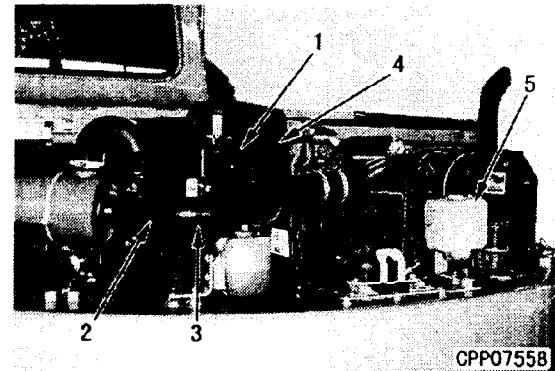
## REMOVAL OF COUNTERWEIGHT ASSEMBLY

Serial No. : 58001 and up

1. Remove engine hood.
2. Disconnect reservoir tank hose (1).
3. Remove air intake hose (2).  
★ Disconnect clamp (3).
4. Remove cover (4).
5. Remove window washer tank (5) from bracket.
6. Set eyebolts ① to counterweight assembly (6), and sling.
7. Remove mounting bolts, then lift off counterweight assembly (6). ※ 1



Counterweight assembly : 715 kg



## INSTALLATION OF COUNTERWEIGHT ASSEMBLY

Serial No. : 58001 and up

- Carry out installation in the reverse order to removal.

※ 1



Thread of counterweight mounting bolt :  
**Thread tightener (LT-2)**



Counterweight mounting bolt :  
**549.2 ± 58.8 Nm (56 ± 6 kgm)**

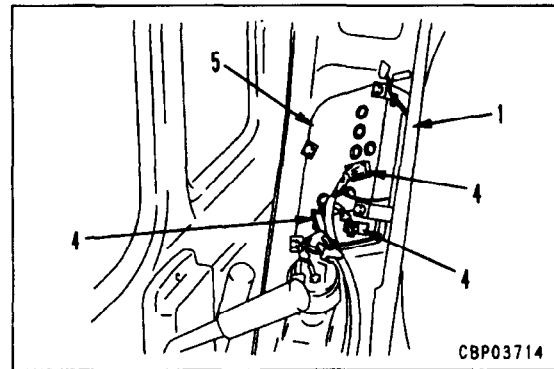
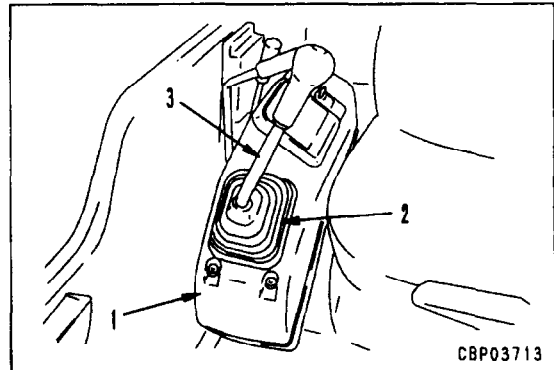
- ★ When installing the counterweight, adjust so that the clearance and stepped difference is uniform on the left and right.

## REMOVAL OF MONITOR ASSEMBLY

**⚠** Disconnect the cable from the negative (-) terminal of the battery.

1. Remove boot (2) from cover (1), raise to top, then remove lever (3).  
★ Check the direction of the lever.
2. Disconnect horn wiring.
3. Remove cover (1), and disconnect 3 connectors (4).
4. Remove monitor assembly (5) from cover (1).


※ 1



## INSTALLATION OF MONITOR ASSEMBLY

- Carry out installation in the reverse order to removal.

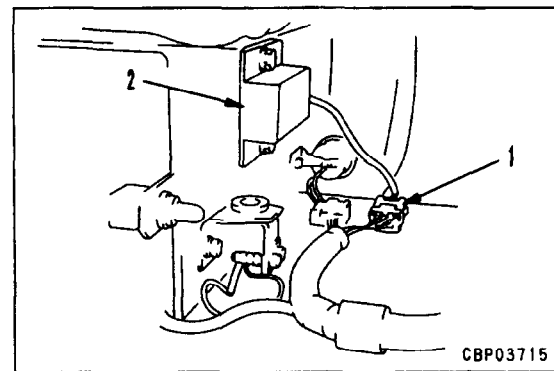
※ 1

 Mounting nut of monitor assembly :  
 $8.33 \pm 0.49 \text{ Nm}$  ( $0.85 \pm 0.05 \text{ kgm}$ )

## REMOVAL OF SWING CONTROLLER ASSEMBLY

**⚠** Disconnect the cable from the negative (-) terminal of the battery.

1. Tip operator's seat over to front, then disconnect wiring connector (1) under operator's seat.
2. Remove mounting bolts, then remove controller assembly (2).



## INSTALLATION OF SWING CONTROLLER ASSEMBLY

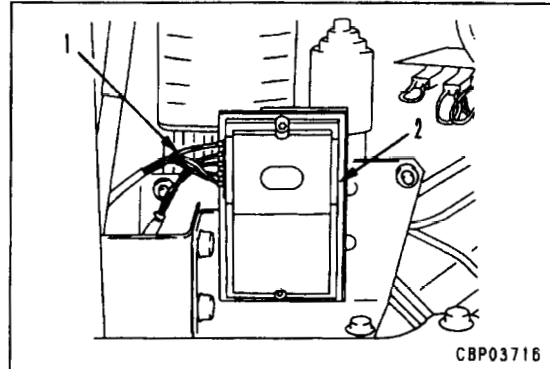
- Carry out installation in the reverse order to removal.

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## REMOVAL OF AUTO-GREASING CONTROLLER ASSEMBLY

**⚠** Disconnect the cable from the negative (-) terminal of the battery.

1. Open engine hood.
2. Disconnect 3 wiring connectors (1).
  - ★ Fit tags to mark the male and female ends of the connectors to prevent mistakes when connecting.
3. Remove 2 mounting bolts, then remove controller assembly (2).



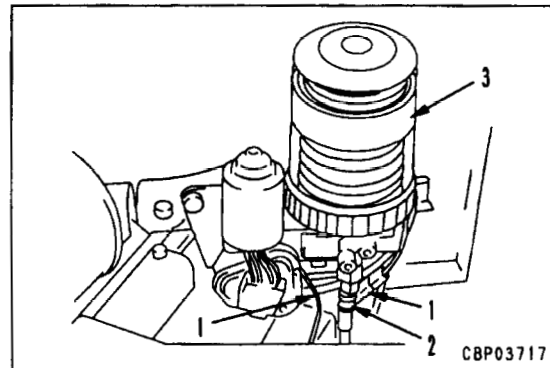
## INSTALLATION OF AUTO-GREASING CONTROLLER ASSEMBLY

- Carry out installation in the reverse order to removal.

## REMOVAL OF AUTO-GREASING PUMP ASSEMBLY

**⚠** Disconnect the cable from the negative (-) terminal of the battery.

1. Open engine hood.
2. Remove 2 wiring connectors (1), and disconnect hose (2). ※ 1
3. Remove 2 mounting bolts, then remove pump assembly (3).



## INSTALLATION OF AUTO-GREASING PUMP ASSEMBLY

- Carry out installation in the reverse order to removal.

※ 1

- ★ **Bleeding air inside circuit**  
For details, see Bleeding air from auto-greasing device.

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