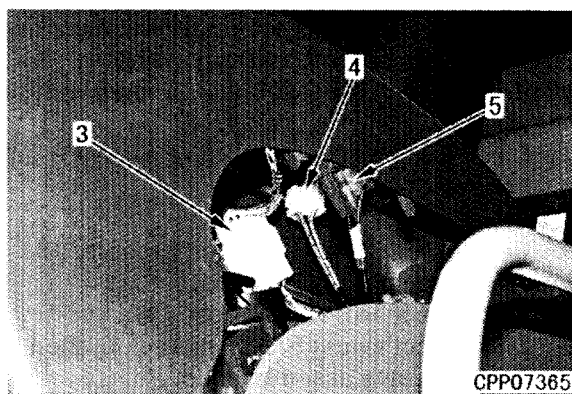
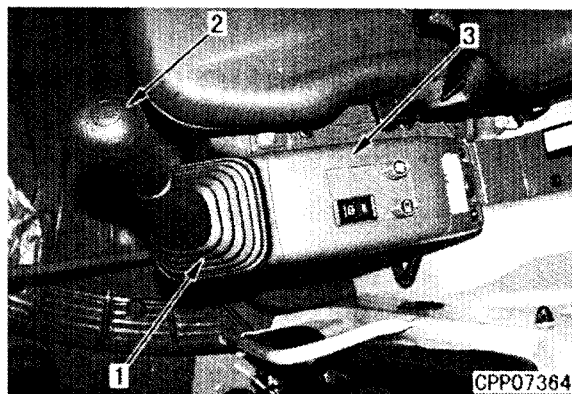


REMOVAL OF WORK EQUIPMENT LEFT PPC VALVE ASSEMBLY (FOR ARM AND SWING CONTROL)

PC35MRX, PC40MRX, PC45MRX

- ⚠ Stop the machine on the horizontal ground, then lower the work equipment completely to the ground and stop the engine.
- ⚠ Disconnect the cable from the negative (-) terminal of the battery.

1. Disconnect boot (1) from cover, then remove lever (2). ※ 1
2. Disconnect wiring connector (3), (4), (5), then remove cover (6).
Wiring connector (3) (P9), (4) (P7), (5) (P8) : (PC35MRX)
Wiring connector (3) (M18), (4) (S7), (5) (S6) : (PC40MRX, PC45MRX)
★ For canopy specification machine, disconnect wiring connector (S6) or (P8) (5) alone.
3. Disconnect 6 hoses (6). ※ 2
4. Remove left PPC valve assembly (7).



INSTALLATION OF WORK EQUIPMENT LEFT PPC VALVE ASSEMBLY (FOR ARM AND SWING CONTROL)

PC35MRX, PC40MRX, PC45MRX

- Carry out installation in the reverse order to removal.


※ 1

 Lever thread : **Thread tightener (LT-2)**


※ 2

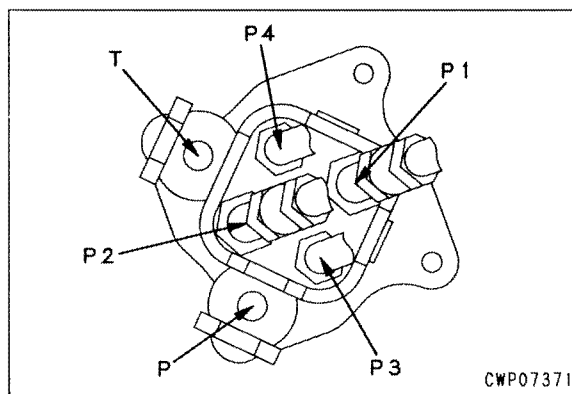
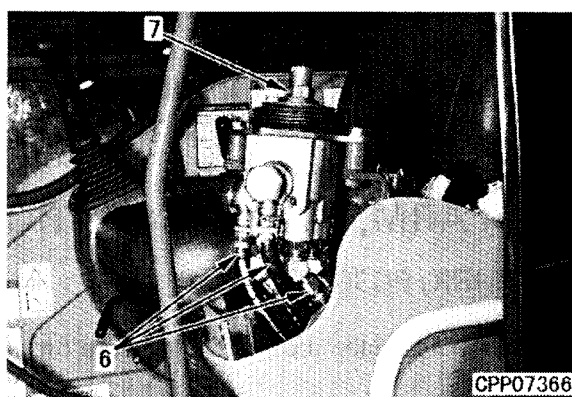
- ★ The hoses are marked with tie wrap, so align show in under.

- Port **P** : Red and green
- Port **T** : Blue and white
- Port **P1** : Green
- Port **P2** : Orange
- Port **P3** : Blown
- Port **P4** : White

 Port **P**, Port **T** joint bolt :
34.3 – 44.1 Nm {3.5 – 4.5 kgm}

- **Refilling with oil (hydraulic tank)**
Add oil through the oil filler to the specified level. Run the engine to circulate the oil through the system. Then check the oil level again.

 Filler plug (PC35MRX) :
181.3 – 240.1 Nm {18.5 – 24.5 kgm}

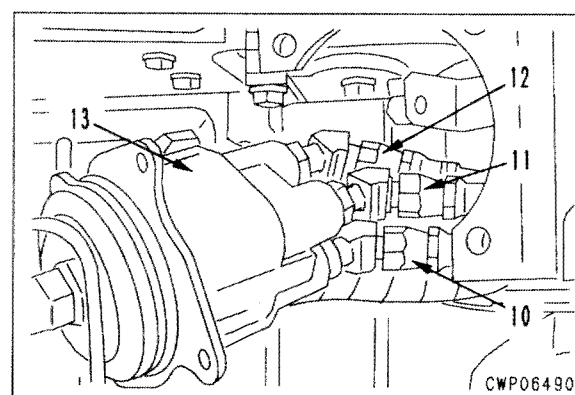
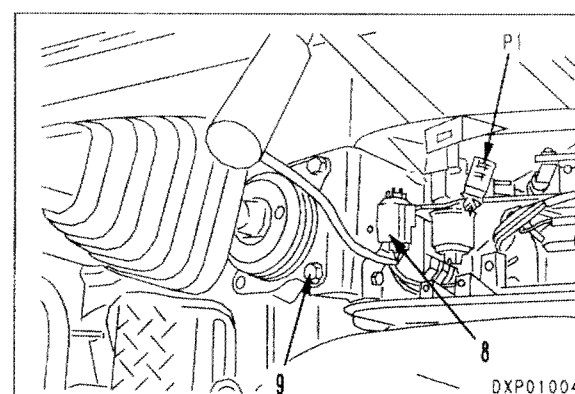
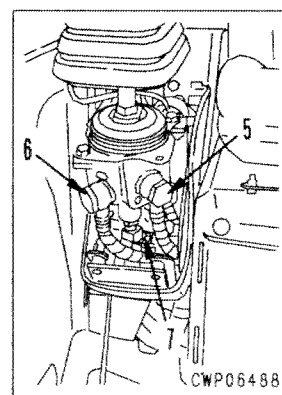
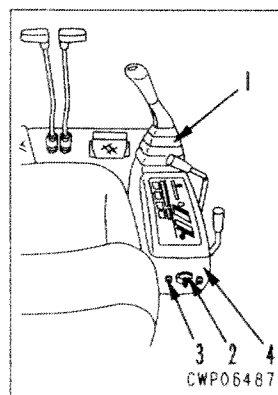


REMOVAL OF WORK EQUIPMENT RIGHT PPC VALVE ASSEMBLY (FOR BOOM AND BUCKET CONTROL)

PC27MRX, PC30MRX

- ⚠ Stop the machine on the horizontal ground, then lower the work equipment completely to the ground and stop the engine.
- ⚠ Disconnect the cable from the negative (-) terminal of the battery.

1. Disconnect boot (1) from connecting port, then put it into case (4).
2. Remove nut, then put the starting switch (2) into case.
3. Remove 4 mounting bolts (3), then remove case (4).
 - ★ Disconnect connector (P1) from monitor.
4. Disconnect PPC valve outlet hose (5) and inlet hose (6).
5. Disconnect boom LOWER hose (7).
6. Disconnect horn switch wiring connector (8) (P3).
7. Remove PPC valve 3 mounting bolts (9).
8. Disconnect bucket CRUL hose (10).
9. Disconnect boom RISE hose (11).
10. Disconnect bucket DUMP hose (12), then remove right PPC valve assembly (13).



INSTALLATION OF WORK EQUIPMENT RIGHT PPC VALVE ASSEMBLY (FOR BOOM AND BUCKET CONTROL)

PC27MRX, PC30MRX

- Carry out installation in the reverse order to removal.
- **Refilling with oil (hydraulic tank)**
Add oil through the oil filler to the specified level. Run the engine to circulate the oil through the system. Then check the oil level again.
- **Bleeding air**
Bleed the air from PPC valve assembly. For details, see TESTING AND ADJUSTING, Bleeding air.