

## INSTALLATION

## 1. Steering valve

- 1) Install overload valve (11) and elbow (10) to steering valve.


 Overload valve mounting bolt:

**4.0 ± 0.4 kgm**

- 2) Set steering valve (9) in mounting position, and tighten mounting bolts (8) temporarily.

- 3) Align with spline of steering column, then tighten mounting bolt (8) fully.

★ Align center "a" of the steering column spline and steering valve spline, then tighten the mounting bolt in turn on diametrically opposite sides.

 Mounting bolt: **5.7 ± 0.7 kgm**

## 2. Hydraulic piping

Connect the following hydraulic piping.

- Connect tubes (5) and (6) between steering valve and steering cylinder to steering valve.
  - Connect hose (4) between priority valve and steering valve.
  - Connect hose (3) between steering valve and priority valve.
  - Connect hose (7) between steering valve and priority valve at priority valve end.
- ★ Install the hoses without twisting or interference.

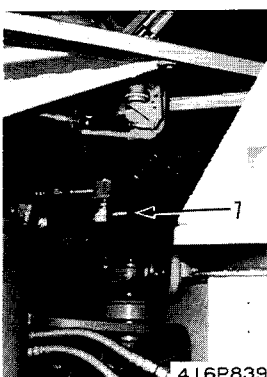
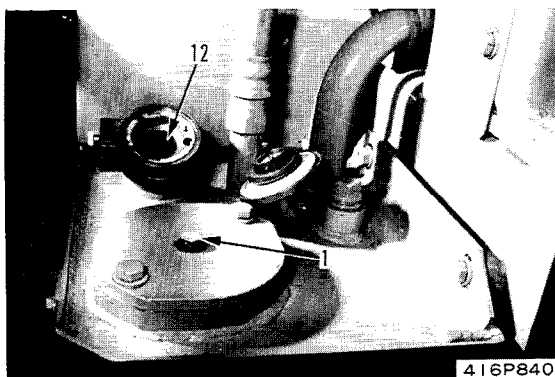
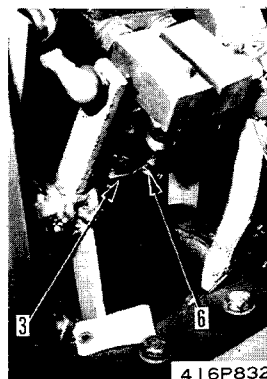
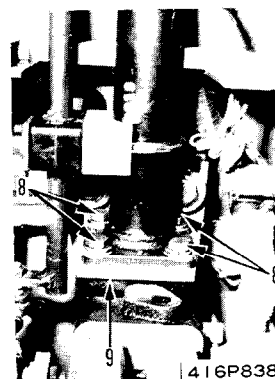
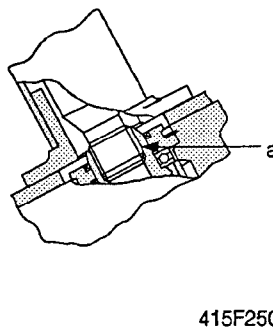
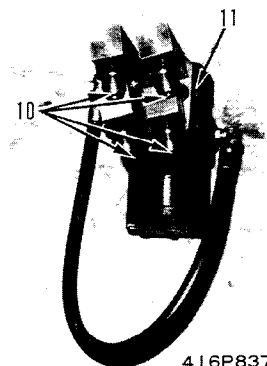
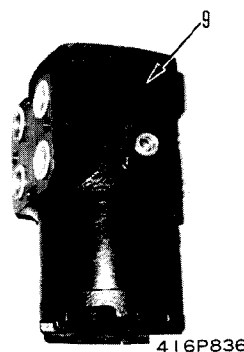
## 3. Cover

Install steering column cover (2).

## 4. Refilling with oil

Tighten plug (1) and add engine oil through oil filler (12) to the specified level.

★ Run the engine to circulate the oil throughout the system. Then check the oil level again.

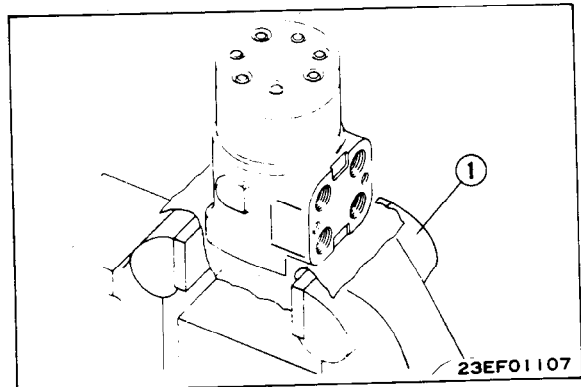


**DISASSEMBLY**

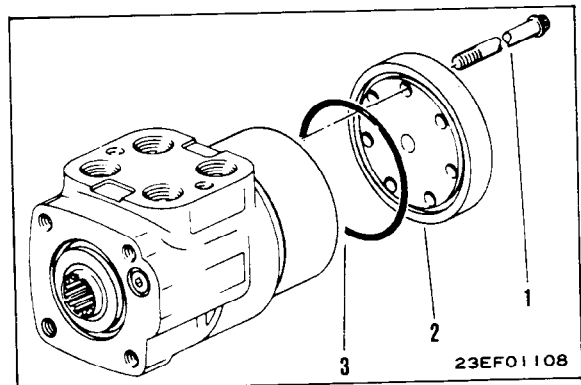
- ★ Use a wire brush to remove all the dirt and dust stuck to the joint around the outside circumference of the unit.
- ★ Carry out the operation in a clean place to prevent dirt or dust from sticking to the valve.
- ★ As long as possible, hold the valve in a vise when disassembling.

**Disassembly of rotor**

1. Set rotor side facing up, and hold mounting flange lightly in vise ①.
  - ★ Put a copper plate in contact with the vise and be careful not to tighten the vise too hard.



2. Remove screw (1), then remove end cap (2).
3. Remove O-ring (3) from end cap (2).



4. Pull out rotor set (4), then remove O-ring (5).
  - ★ Be careful not to drop the star inside the rotor set.
5. Remove spacer (6).

