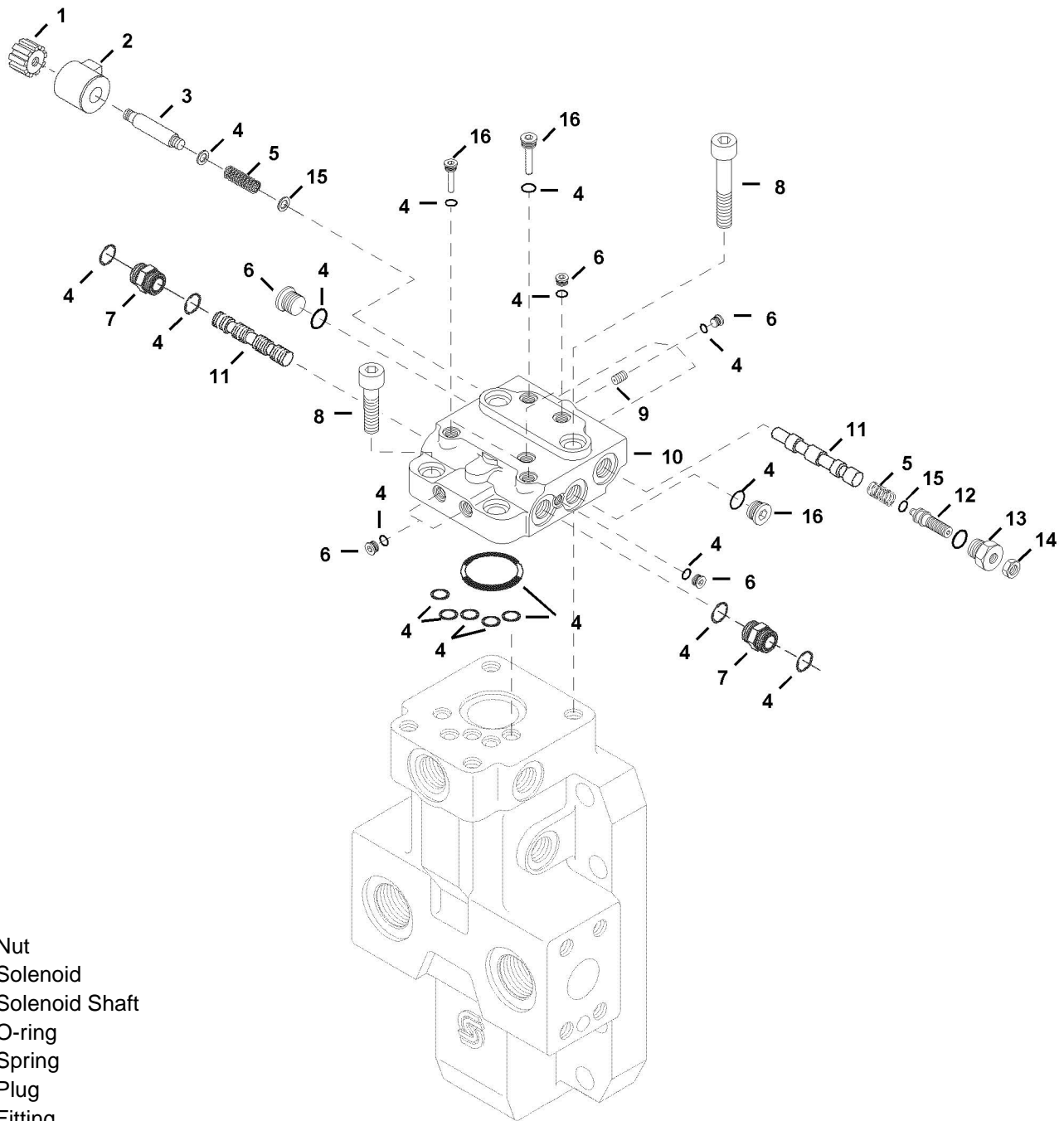


# HYDROSTATIC DRIVE MOTOR (CONT'D)

## Parts Identification (Cont'd)



- 1. Nut
- 2. Solenoid
- 3. Solenoid Shaft
- 4. O-ring
- 5. Spring
- 6. Plug
- 7. Fitting
- 8. Bolt
- 9. Orifice
- 10. Housing
- 11. Spool
- 12. Adjustment Spool
- 13. End Nut
- 14. Nut
- 15. Spring Seat
- 16. Limiter

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## HYDROSTATIC DRIVE MOTOR (CONT'D)

### Disassembly

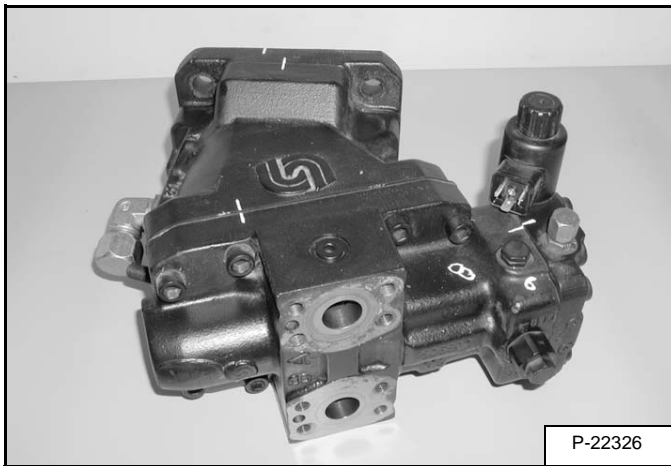
Clean the outside of the drive motor before disassembly.

# IMPORTANT

When repairing hydrostatic and hydraulic systems, clean the work area before disassembly and keep all parts clean. Always use caps and plugs on hoses, tubelines and ports to keep dirt out. Dirt can quickly damage the system.

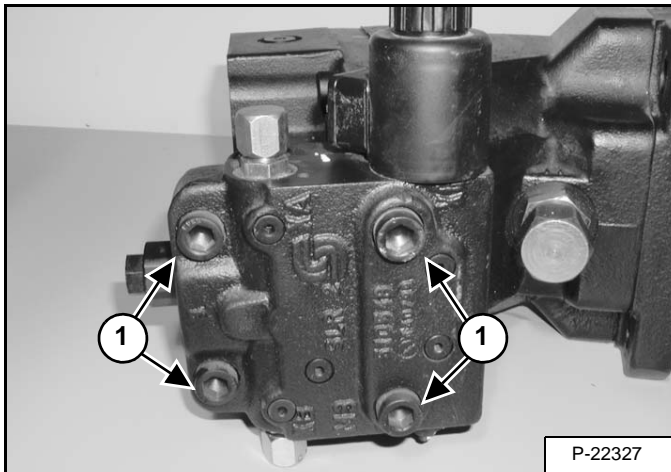
I-2003-0888

Figure 30-30-2



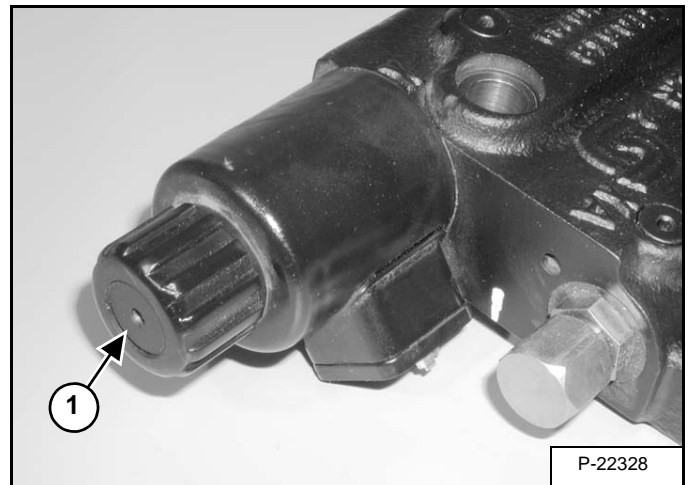
Place the hydrostatic drive motor on a work surface, mark the sections for correct assembly [Figure 30-30-2].

Figure 30-30-3



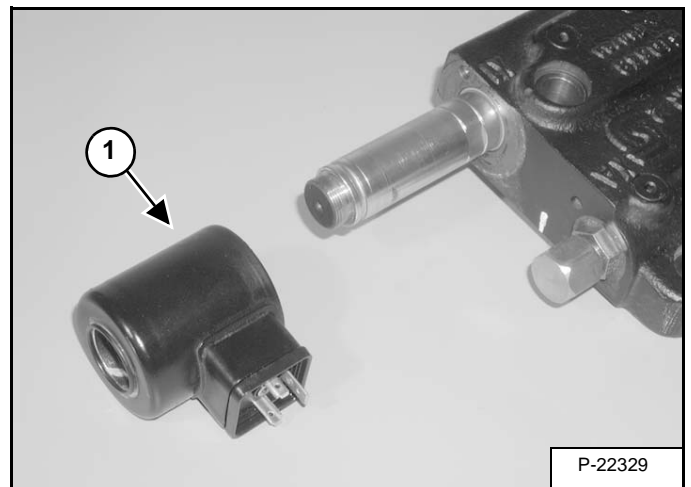
Remove the four bolts (Item 1) [Figure 30-30-3] and remove the solenoid housing.

Figure 30-30-4



Remove the solenoid nut (Item 1) [Figure 30-30-4].

Figure 30-30-5

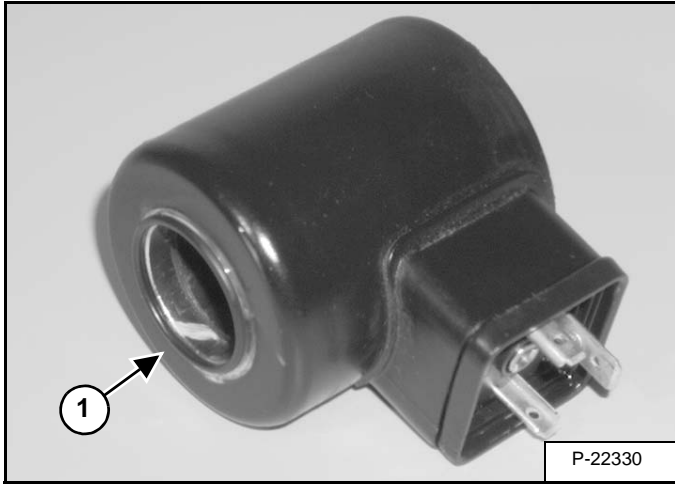


Remove the solenoid (Item 1) [Figure 30-30-5] from the shaft.

## HYDROSTATIC DRIVE MOTOR (CONT'D)

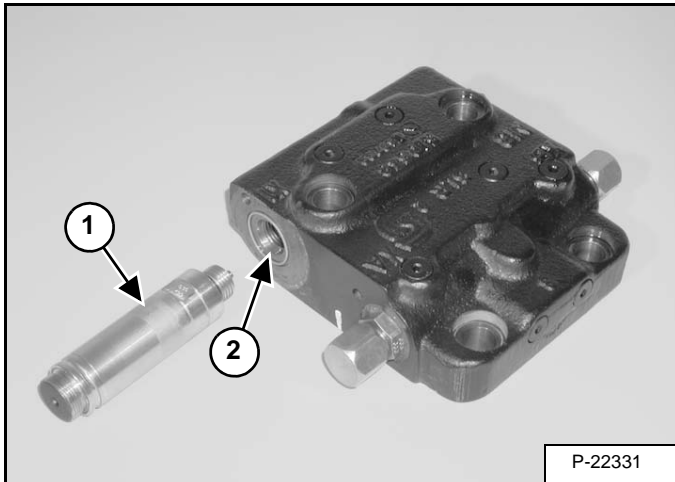
### Disassembly (Cont'd)

Figure 30-30-6



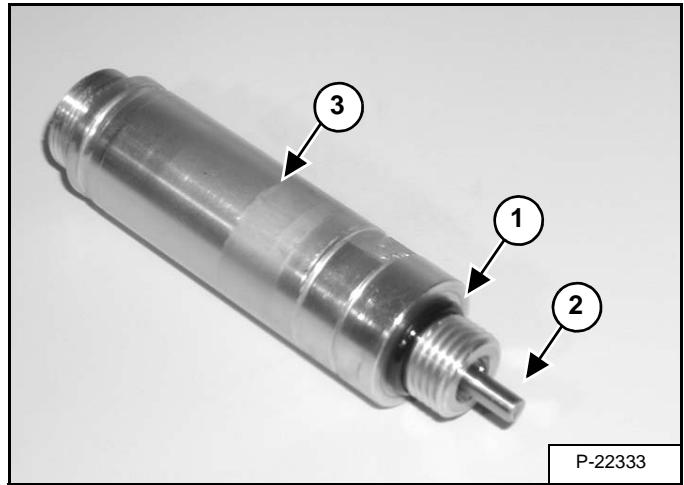
Remove and discard the O-ring (Item 1) [Figure 30-30-6] from the solenoid.

Figure 30-30-7



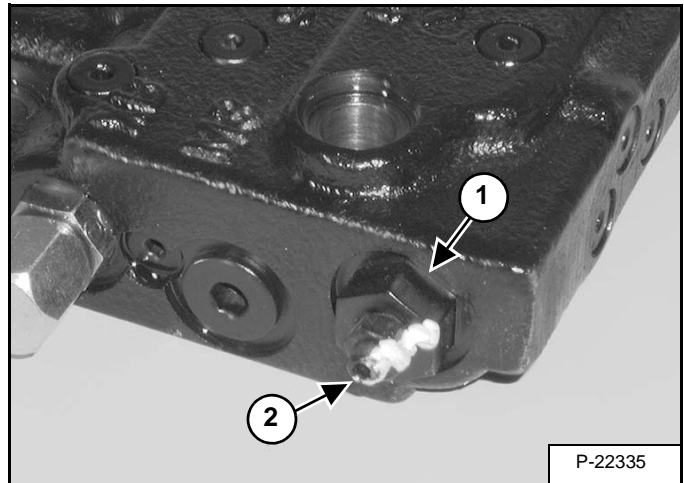
Remove the solenoid shaft (Item 1) and O-ring (Item 2) [Figure 30-30-7] from the housing.

Figure 30-30-8



Remove the O-ring (Item 1) and pin (Item 2) from the solenoid shaft (Item 3) [Figure 30-30-8].

Figure 30-30-9



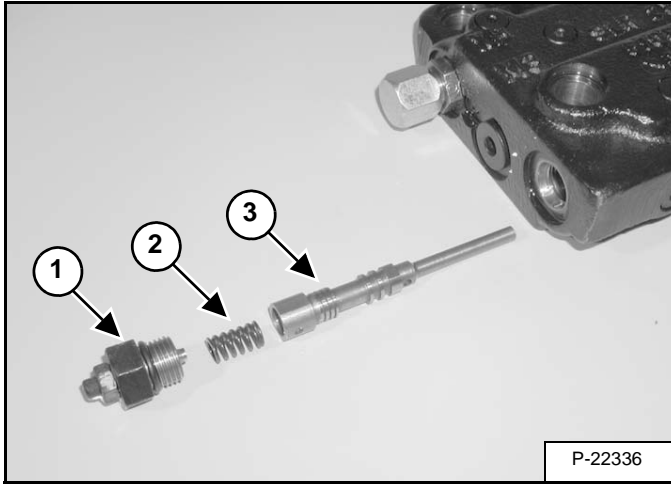
Loosen the large nut (Item 1) [Figure 30-30-9] on the compensator valve.

Do not loosen the small nut (Item 2) [Figure 30-30-9].

## HYDROSTATIC DRIVE MOTOR (CONT'D)

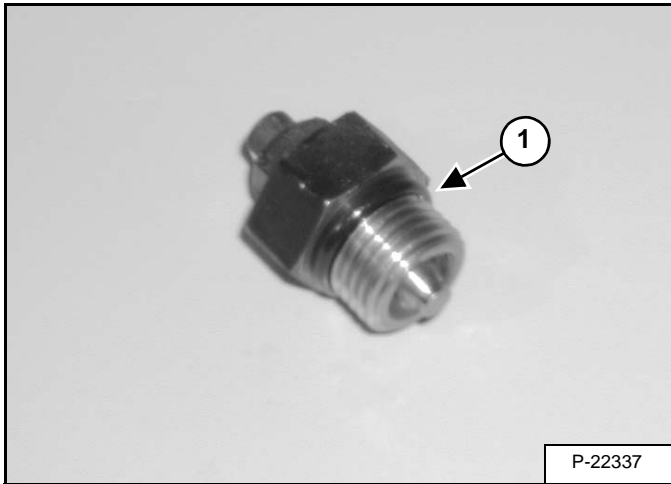
### Disassembly (Cont'd)

Figure 30-30-10



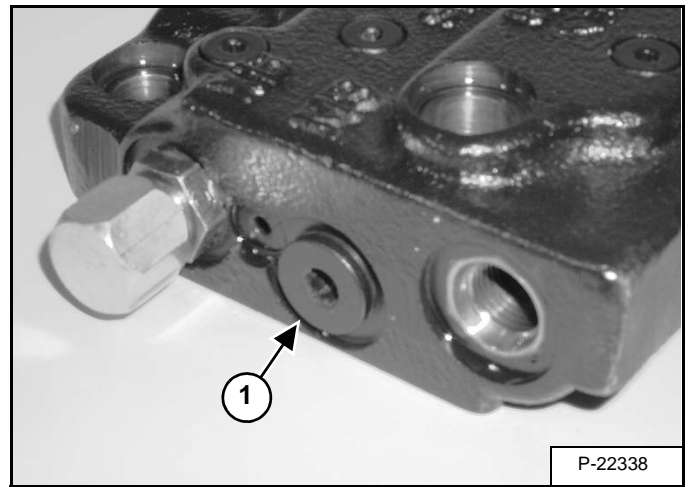
Remove the adjusting screw (Item 1), valve spring (Item 2) and spool assembly (Item 3) [Figure 30-30-10] from the housing.

Figure 30-30-11



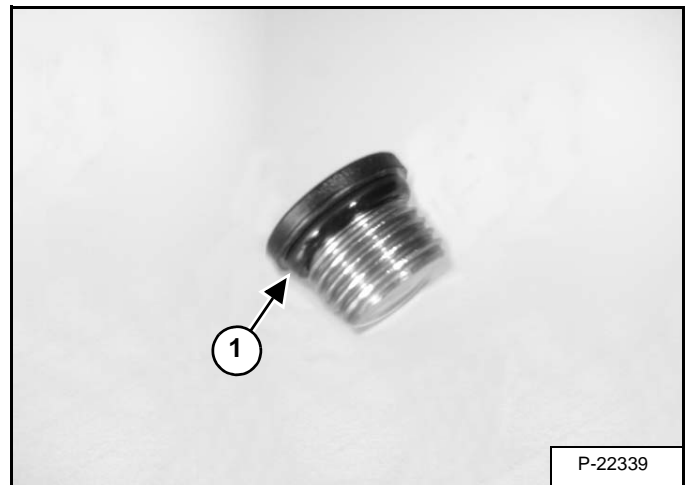
Remove and discard the O-ring (Item 1) [Figure 30-30-11] from the adjustment screw.

Figure 30-30-12



Remove the plug (Item 1) [Figure 30-30-12] from the housing.

Figure 30-30-13



Remove and discard the O-ring (Item 1) [Figure 30-30-13] from the plug.