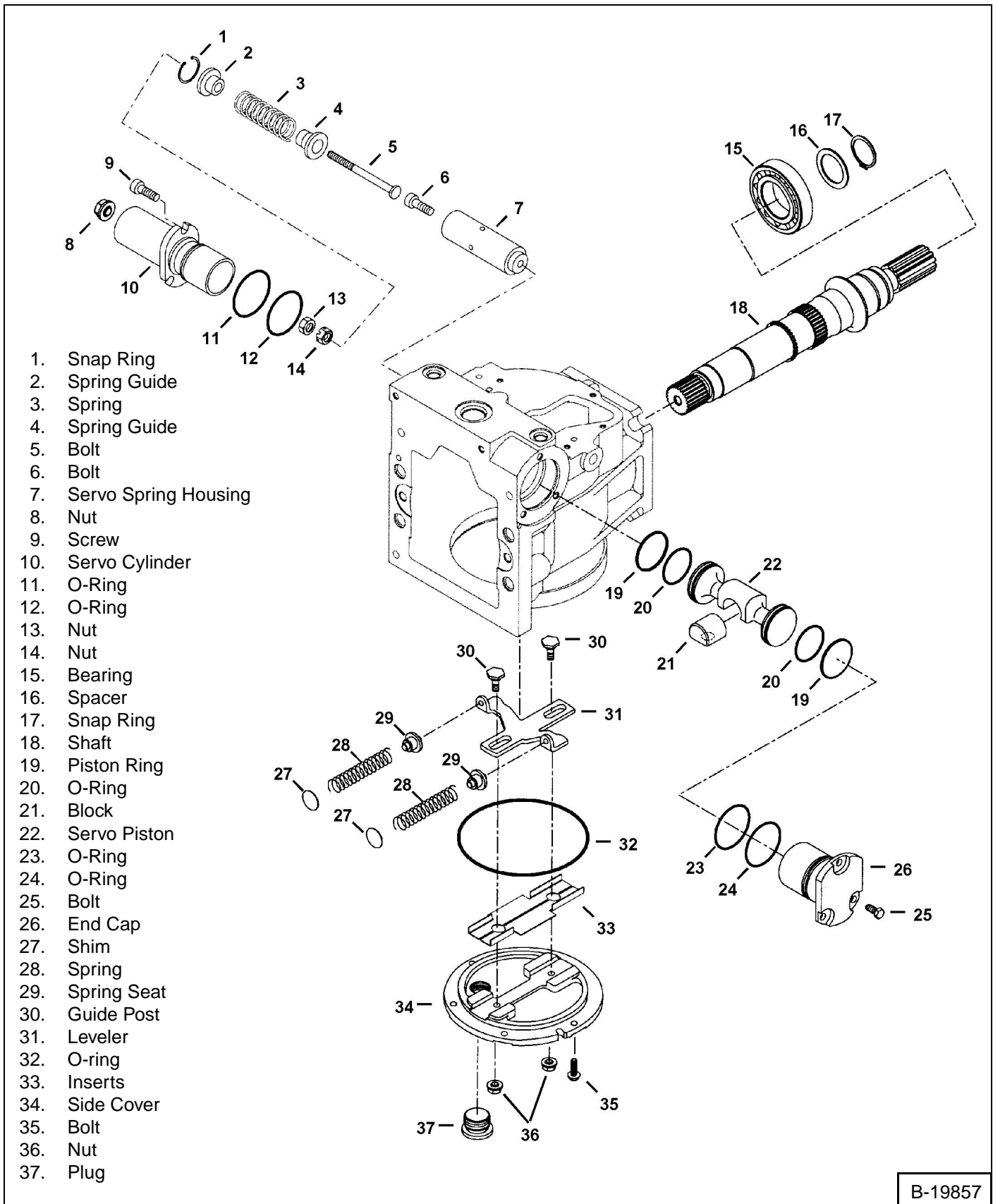


# HYDROSTATIC PUMP (CONT'D)

## Parts Identification (Cont'd)



B-19857

## HYDROSTATIC PUMP (CONT'D)

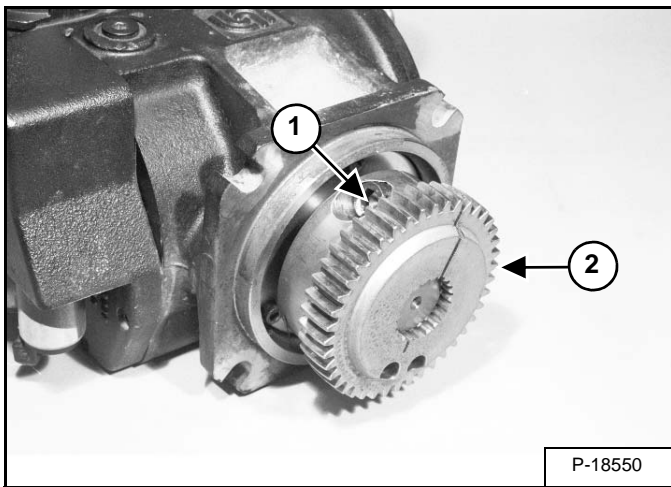
### Disassembly

# 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.

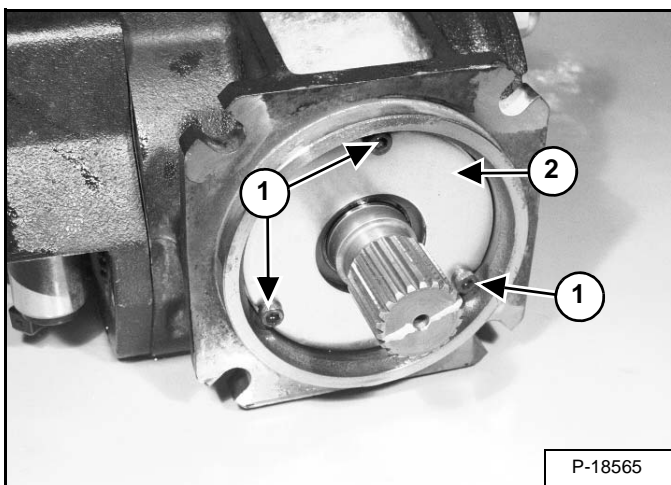
I-2003-0888

Figure 30-40-11



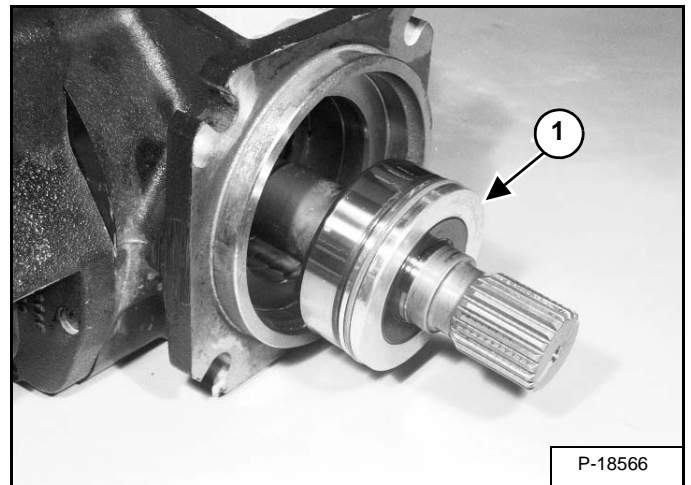
Remove the retainer bolt (Item 1). Remove the coupler gear (Item 2) [Figure 30-40-11] from the shaft.

Figure 30-40-12



Remove the three screws (Item 1) and remove the retainer plate (Item 2) [Figure 30-40-12] from the pump housing

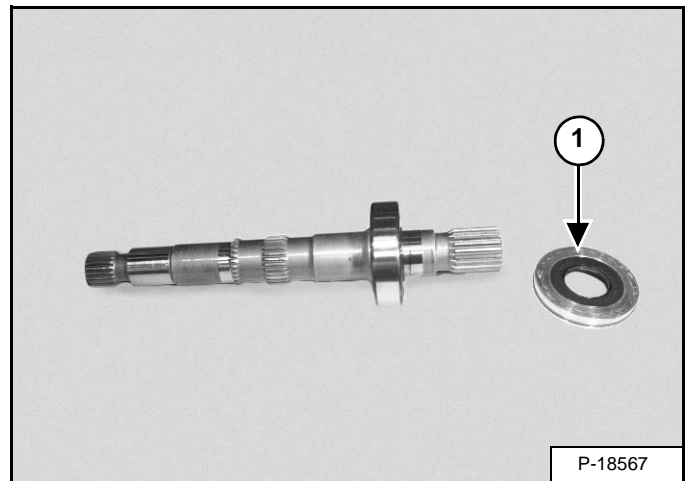
Figure 30-40-13



Remove the shaft and bearing assembly (Item 1) from the housing [Figure 30-40-13].

**NOTE:** If the shaft or bearing assembly become stuck in the housing, lightly tap on the shaft.

Figure 30-40-14

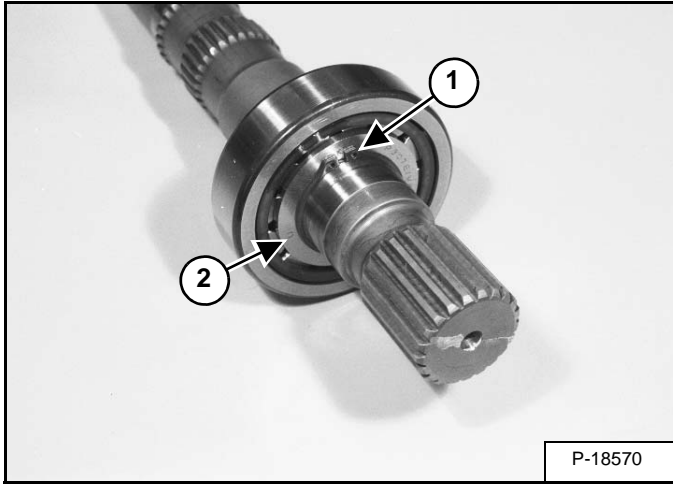


Remove the shaft seal (Item 1) [Figure 30-40-14] from the shaft.

## HYDROSTATIC PUMP (CONT'D)

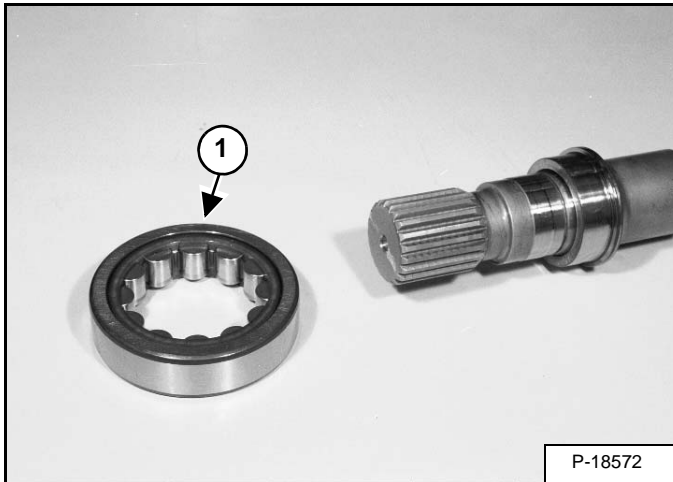
### Disassembly (Cont'd)

Figure 30-40-15



Remove the snap ring (Item 1) and spacer washer (Item 2) [Figure 30-40-15] from the shaft.

Figure 30-40-16



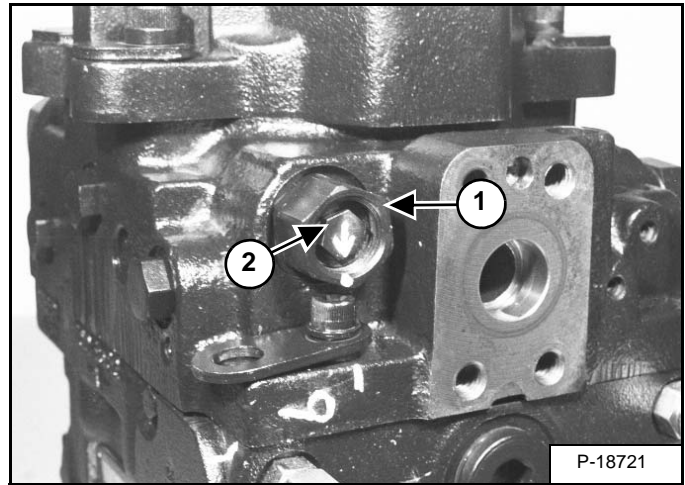
Remove the bearing (Item 1) [Figure 30-40-16] from the shaft.

Place the pump on the work surface with the charge pump up.

Mark the pump housings for correct assembly.

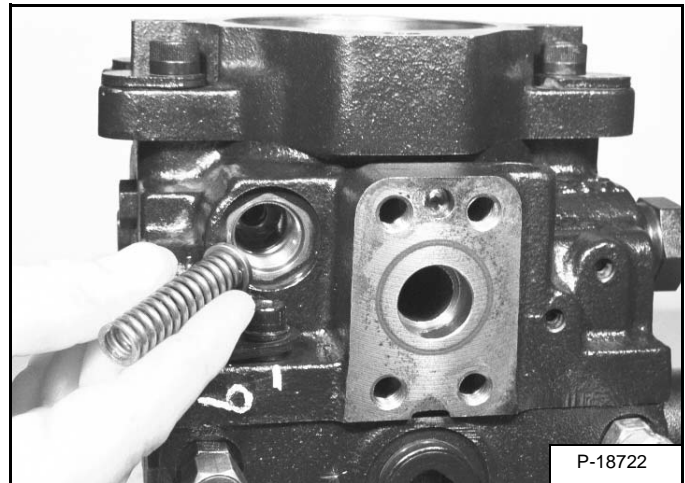
Before removing the relief valve mark the plug, lock nut and housing for approximate assembly adjustment.

Figure 30-40-17



Remove the relief valve lock nut (Item 1) and the plug (Item 2) [Figure 30-40-17].

Figure 30-40-18



Remove the spring and relief poppet from the charge pump housing [Figure 30-40-18].