

Filling and Bleeding Models 225 and 226 Tools

1. **Inspect stake hole alignment.**
2. **Inspect reservoir gauge position.**

With installation tool piston in the forward position, inspect stake hole in nose adapter. Stake hole in adapter must align with stake hole in piston rod. Figure 1. Pull piston and air piston must be at end of their strokes at the same time to be in phase and have full stroke of pull piston. When stake hole in nose adapter lines up with stake hole in piston rod, both pistons are in phase.

To align stake holes:

1. Screw in Stall Nut, P/N 84213, or nose assembly collet onto piston rod. Loosen Return Pressure Relief Valve Plug until fluid seeps out. Figure 4.
2. Pull on stall nut until piston stops. **Piston must be in full forward position.** Tighten relief valve plug.
3. Reservoir plunger will be in the empty position. Refill reservoir.

CAUTION

Stake holes in nose adapter and piston rod must be aligned to assure proper fastener installation and to prevent damage to nose assembly and tool.

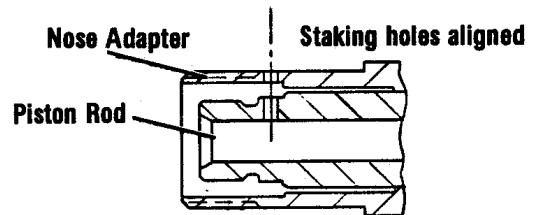


Figure 1. Aligning Stake Holes

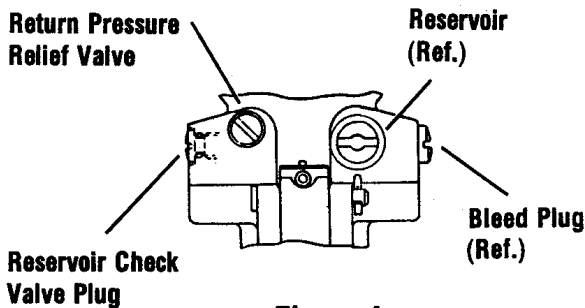


Figure 4.

Filling tool reservoir:

Fill when red fluid level line on Plunger is below mid point of sight gauge housing—see Figure 2.

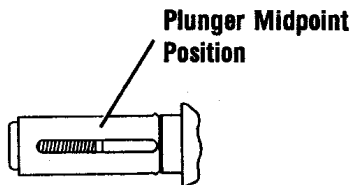


Figure 2. Reservoir Gauge

1. Unscrew Bleed Plug. Figure 3. Fluid will drain out of reservoir.
2. Screw Fill Tool, P/N 112465, into plunger—see Figure 3. Pull plunger into housing, and lock into **full position** by tilting handle.
3. Fill reservoir, using Filler Bottle, P/N 100931. Push small diameter rod into bleed hole to allow air to escape. Screw in bleed plug.
4. Unlock fill tool. Loosen Reservoir Check Valve Plug, Figure 4, and allow a few drops of fluid to drain out. Tighten Plug.
5. Repeat filling procedure until plunger stays in **full position** after unlocking fill tool. Remove fill tool.

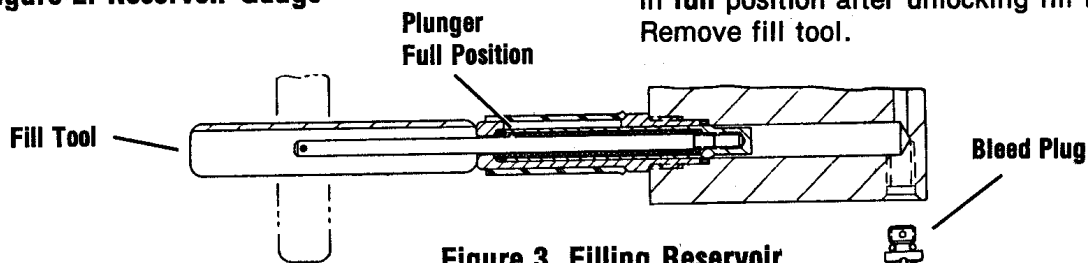


Figure 3. Filling Reservoir