



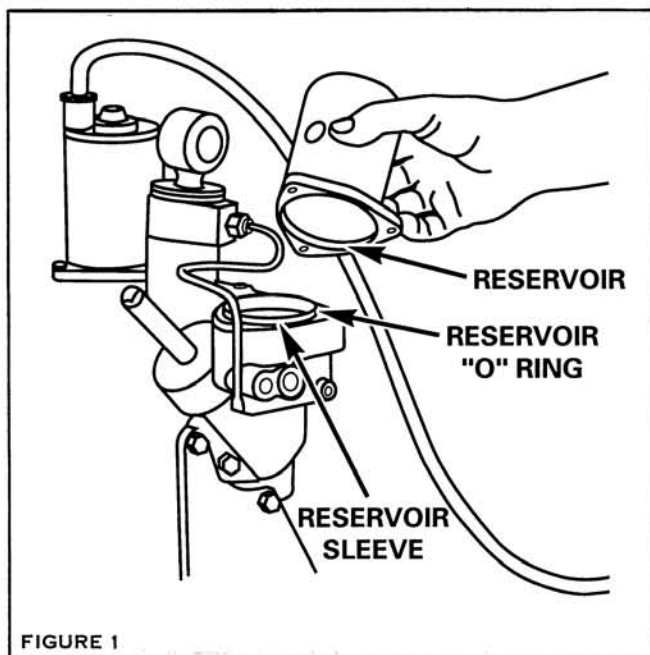
RELIEF VALVE KIT KIT NO. 389001

PURPOSE

This kit contains the necessary components to replace the ball and plunger type trim up relief valve (also called V-1 valve) with the later style rubber tipped valve core and related parts.

INSTALLATION

1. Remove motor from boat, and remove integral trim and tilt unit following procedures outlined in your service manual.
2. Thoroughly clean trim unit, particularly around reservoir. Remove reservoir fill plug and drain hydraulic fluid. See Figure 1.



3. Remove reservoir screws, reservoir, O-ring, and sleeve. See Figures 1 and 2.
4. Remove three manifold plate screws and plate. Push the reservoir filter down out of the plate and discard old plate and plate screws. Save the washers and filter. See Figure 2.
5. Remove relief valve spring, core, steel ball, valve seat, and O-ring from manifold and discard these components. See Figures 2 and 3. Filter valve seat should not be removed unless it is being replaced.

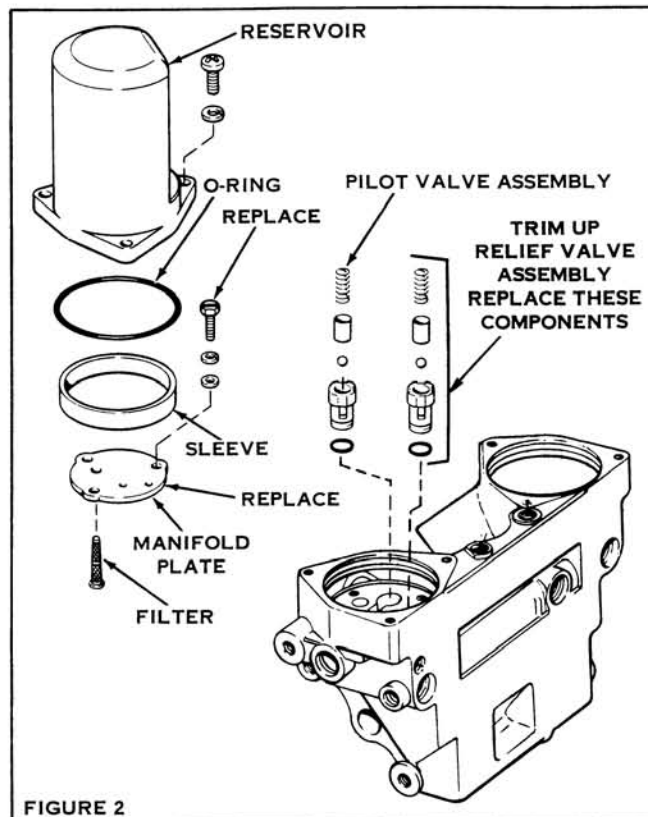


FIGURE 2

6. Place new O-ring on new relief valve seat. Install new relief valve seat, valve core, and spring. A steel ball is not used in new valve assembly. See Figure 4 for new valve components.

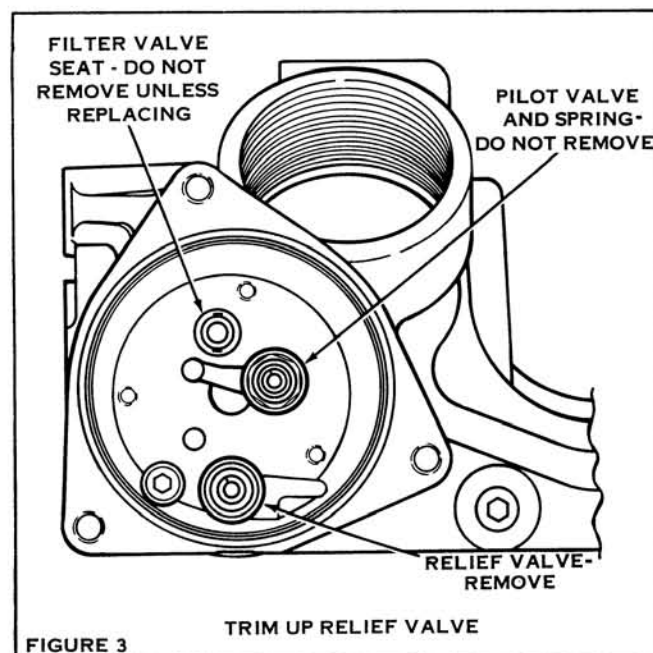


FIGURE 3

7. Install filter in new valve plate, and install plate on manifold with washers removed and screws from kit. Be sure relief valve spring is in pocket under cast boss.
8. Reinstall sleeve, O-ring, and reservoir.
9. Fill reservoir to fill plug level with power trim and tilt fluid, and replace fill plug.
10. Connect motor cable to 12 volt power source and cycle unit fully up and down thru several cycles. Recheck fluid level.
11. Reinstall trim unit on motor following procedures in service manual.

