

# Foot Control Repair Kit Instructions

(Model #04-30)

## Foot Control Valve Repair

- Step 1-** Turn unit off & step on foot control to relieve pressure.
- Step 2-** On the bottom of the foot control, locate & remove the four phillips head screws under the perimeter of the dome.
- Step 3-** Turn the foot control right side up, while holding the disk on. Life the disk off, exposing the valve body. Leave the plastic retaining ring in the disk.
- Step 4-** Life the large compression spring off the top of the valve body. Pull the stem out of the hole in the top of the valve body. Lift the smaller conical spring off the valve body.
- Step 5-** Turn the foot control over again & remove two screws at the center of the base plate.
- Note-** When using an explorer or similar sharp object in the following steps, use care not to scratch the finished metal surfaces on the valve body. These surfaces must be smooth in order for the o'rings to seal properly.
- Step 6-** Lift valve body off of the base plate, & turn it over. The large o'ring will be visible on the bottom of the body. Use an explorer to pull the o'ring out. Using the explorer again, reach into the hole in the bottom of the valve body & pull out the two o'rings & the two spools.
- Step 7-** Apply a light coating of silicone lubricant to all three of the replacement o'rings.
- Step 8-** Press the two small o'rings into the hole, along with the spools, in the reverse order they were taken out.
- Step 9-** Press the large o'ring into the cutout in the bottom of the valve body.
- Step 10-** Reattach the valve body to the base plate with two screws at the center.
- Step 11-** Position the conical spring over the hole in the top of the valve body. Apply a small amount of silicone lubricant to the valve stem & slide it through the conical spring & down into the hole. The e-clip on the stem should rest on top of the conical spring. Position the foot control disc over the base plate; make sure the large compression spring is located in the center of the foot control disc.
- Step 13-** Turn the foot control over, while holding the disc & large compression ring in place. Reattach the disc using four phillips head screws. It may be necessary to move the plastic retaining ring around in order to find the holes.



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