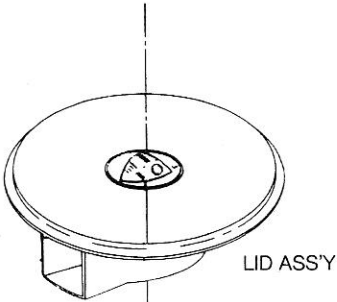
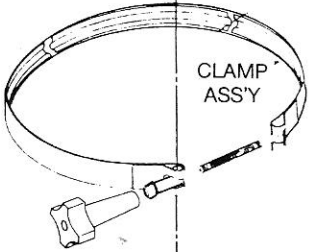


SPARE PARTS KIT NO. 14927-31



LID ASS'Y



CLAMP ASS'Y



#35505-1281
O-RING

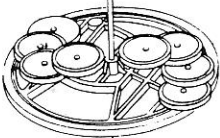


IMPELLER

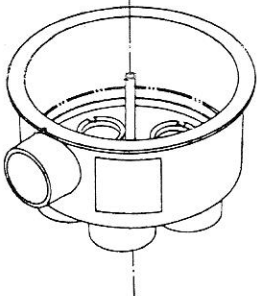
WASHER



GEAR
PLATE
ASS'Y



SEAT
CLUSTER

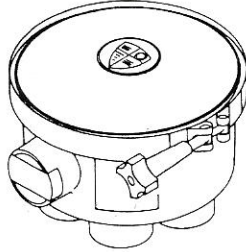


#35505-1281 O-RING
MAY BE PURCHASED SEPARATELY

▲WARNING

Hazardous Pressure! Turn off pump before adjusting clamp or working on actuator assembly.

STEP 1

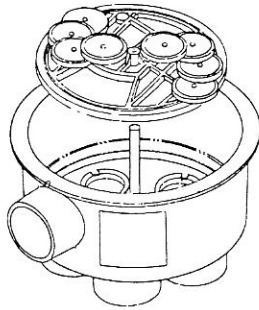


Loosen KNOB to release CLAMP.

Remove CLAMP.

Remove LID.

STEP 2

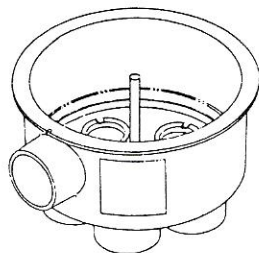


Check IMPELLER SHAFT. Remove if loose.

Remove the four small gears near the center of the GEAR PLATE ASS'Y.

Remove the GEAR PLATE ASS'Y by pulling up on the remaining outer gears on each side of the GEAR PLATE. Clear obstructing debris from gears.

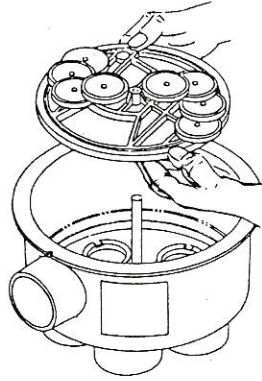
STEP 3



Make certain SEAT CLUSTER is fully seated in bottom of HOUSING.

If removed (see STEP 2), re-install IMPELLER shaft firmly into bottom of HOUSING.

STEP 4

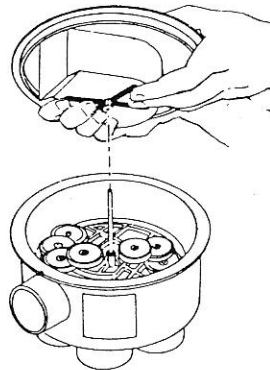


Re-Install the GEAR PLATE ASS'Y on IMPELLER SHAFT.

Press GEAR PLATE ASS'Y into position (outer gears to mesh with geared band in HOUSING).

Place the stainless steel WASHER on top of the center post of the GEAR PLATE by sliding it down the IMPELLER SHAFT.

STEP 5



Make certain the LID O-RING sets evenly in the retaining groove in LID.

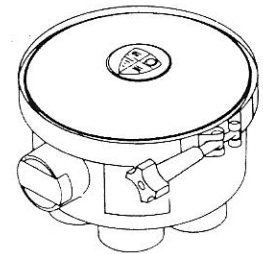
Then, with IMPELLER inside DIRECTIONAL HOUSING, guide the bottom geared portion of the IMPELLER to the IMPELLER SHAFT by feel using the fingers on each side of the geared portion of the IMPELLER.

STEP 6



Gently lower the LID into place turning the entire LID ASS'Y slightly to properly seat the gears. Be certain the locating pin on the LID is located in the HOUSING niche prior to replacing the CLAMP.

STEP 7



Replace CLAMP.

Tighten KNOB until ends of CLAMP are approximately 1/2" apart.

Start system and check for rotation of both IMPELLER and GEAR PLATE ASS'Y.

Check for leaks.

▲WARNING

Hazardous Pressure!

Turn off the pump before you tighten clamp.

Tighten CLAMP as necessary.