

Installation Instructions

1661000B

Hydr-O-Rail Guide Rail Adapter Kit

for LEP Dual Seal Grinder Pumps

Kit #K001875

7.5–10 hp pumps: 3(X)LM, 3(X)LE, and 3(X)LV

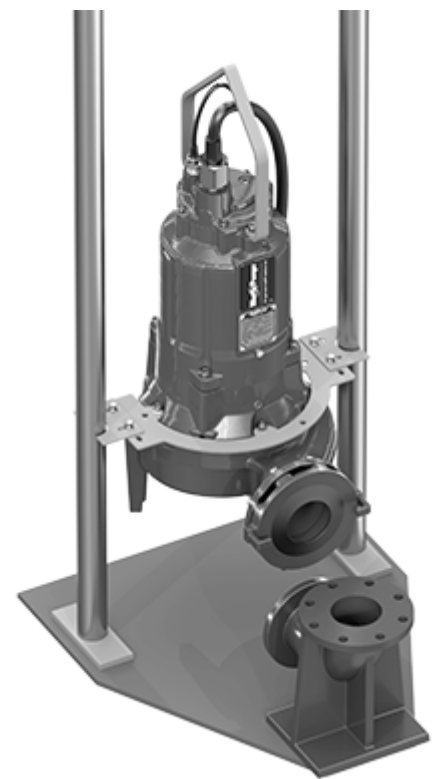
Kit #K001876

3–5 hp pumps: 3(X)LM, 3(X)LE, and 3(X)LV

5–7.5 hp: (X)LGF

Kit Contents:

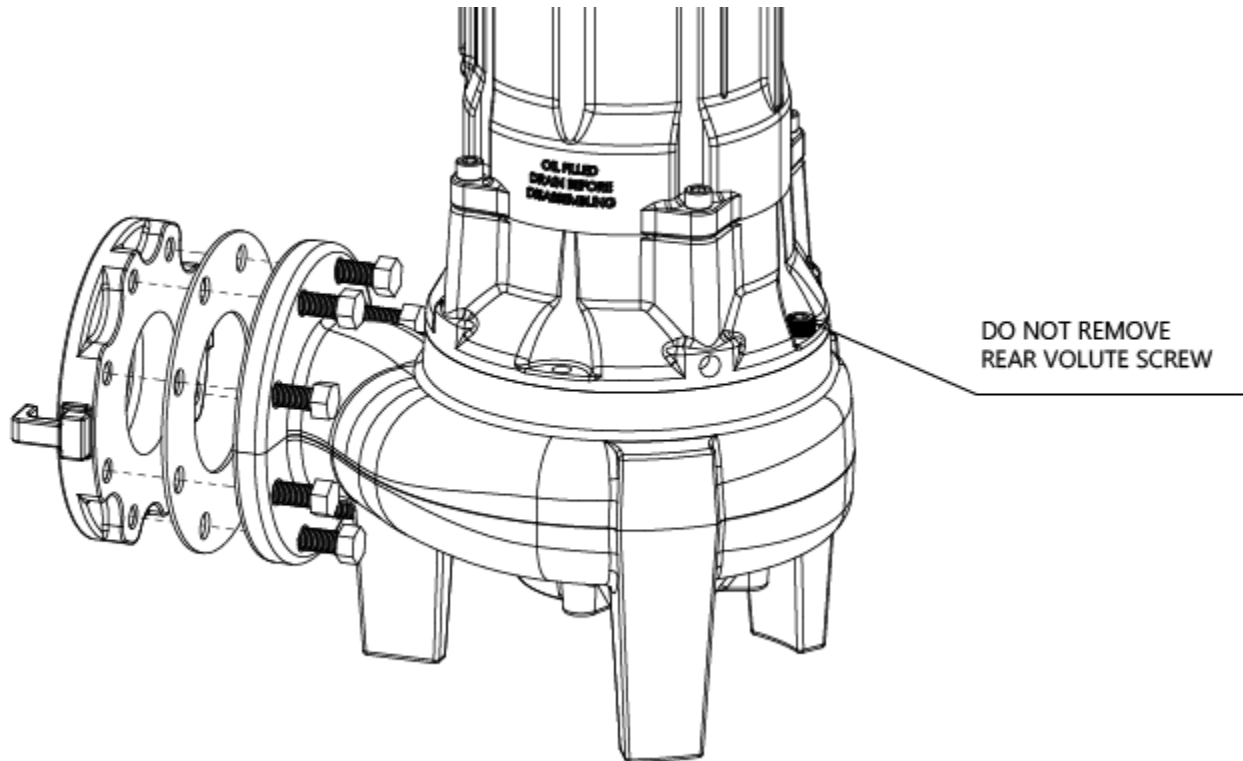
Item	Description	Qty
[1]	Main Adapter Bracket	1
[2]	4" ANSI Neoprene Gasket	1
[3]	Adapter Guide Plate	2
[4]	1/2-13 Stainless Steel Socket Head Cap Screw	3
[5]	3/8-16 Stainless Steel Flange Head Screw	4
[6]	3/8-16 Stainless Steel Nut	4
[7]	5/8-11 Stainless Steel Hex Head Screw	8



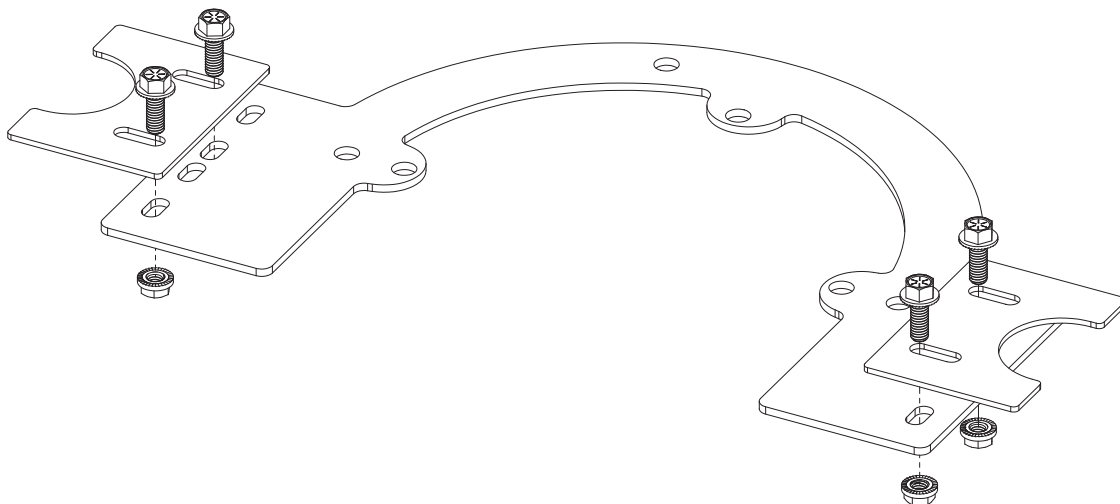
Hydr-O-Rail is part of a Pentair Hydromatic® system

Installation

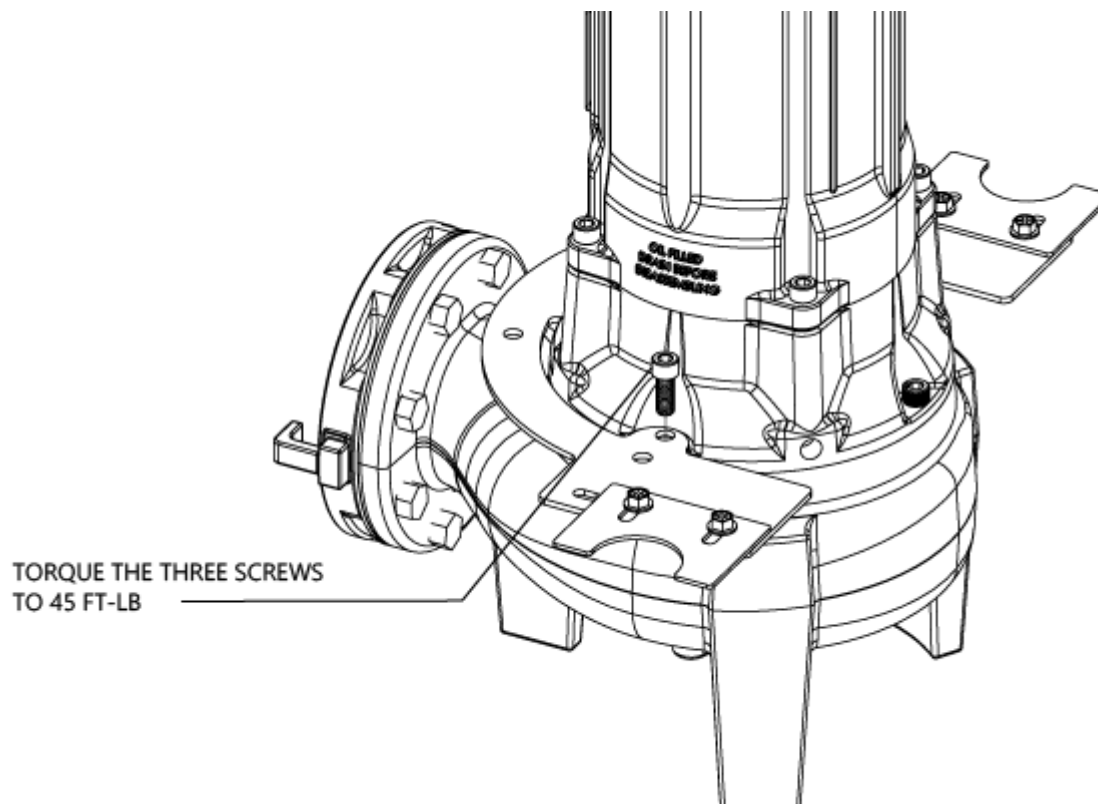
- Step 1:** Fasten the existing sealing flange to the pump discharge.
Remove three of the socket head cap screws that fasten the volute to the pump motor.
Do not remove the screw opposite of the pump discharge.



- Step 2:** Put together the adapter guide bracket assembly.
Fasten the two guide plates to the main adapter bracket.



- Step 3:** Install the guide bracket assembly on the pump.
Fasten the guide bracket assembly to the pump using the 1/2-13 socket head cap screws.
Do not reuse the original volute screws.
Torque the 3 screws to 45 ft-lb.



Step 4: Adjust the guide plates to account for system installation variations, wear, or corrosion. You can adjust the guide plates can be adjusted fore and aft and also inboard or outboard. Line up the edge of the guide plate with the edge of the adapter bracket that faces opposite of the pump discharge. Move the guide plates out as far as possible.

GUIDE PLATES ARE SLOTTED FOR ADJUSTABILITY.
TO BEGIN, MOVE PLATES OUT AS FAR AS POSSIBLE
AND MOVE INBOARD IF NEEDED

FASTEN SEALING FLANGE
TO DISCHARGE BEFORE
INSTALLING THE ADAPTER
BRACKET ON THE PUMP

LINE EDGE OF GUIDE
PLATE WITH REAR
FACING EDGE OF
ADAPTER BRACKET

