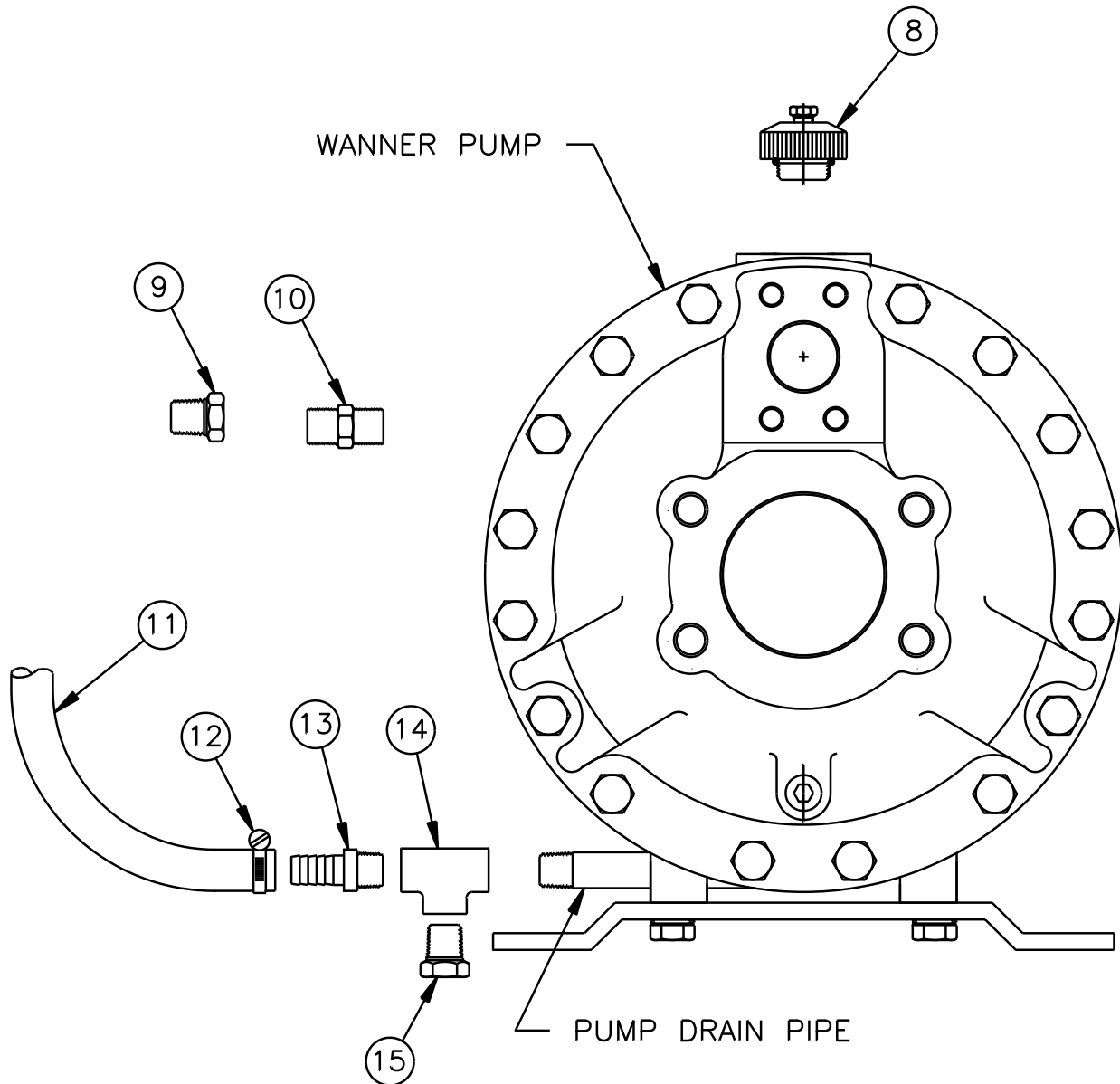


INSTRUCTION SHEET - OIL LEVEL MONITOR

1. Open kit box and lay all parts out for identification. Check contents against parts list.
2. Open Murphy box and lay aside all parts for identification. Check contents against parts list in box.
3. There are extra parts that may be discarded at the assembler's discretion.
4. Plumbing the pump:
 - Drain the lubricant from the pump.
 - Replace the vented oil cap with the oil fill plug assembly (item-8) supplied.
 - Assemble (items-13, 14, & 15) as shown. Item-9 or 10 may be assembled between pump crankcase and tee on some pump installations. Turn tee (item-14) in a direction so that it will not interfere with pump mounting. Plug (item-15) will act as the oil drain plug.

Note: Use Loctite #56707 (item-17) on all pipe threads.



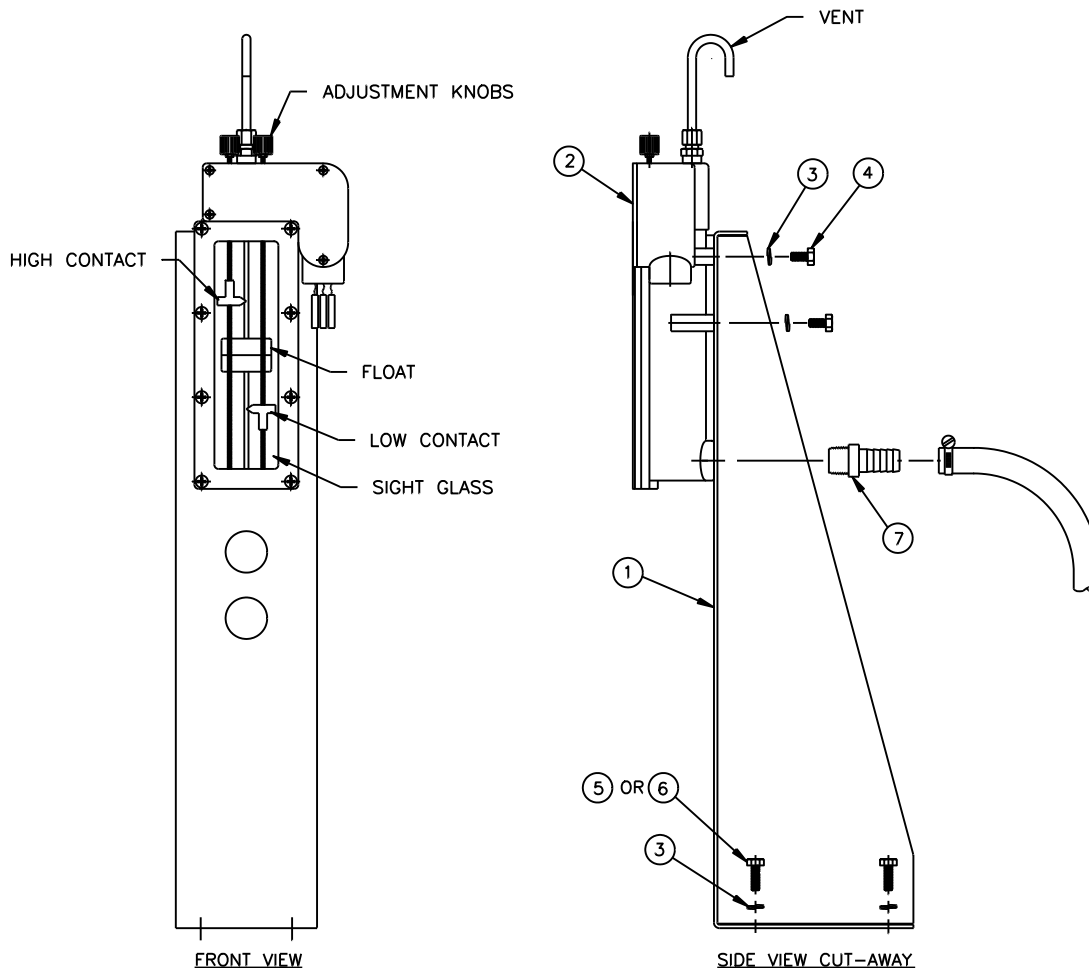
INSTRUCTION SHEET - OIL LEVEL MONITOR

5. Installing oil level monitor:

- Assemble hose barb (item-7) to monitor (item-2).
Note: Use Loctite #56707 (item-17) on all pipe threads.
- Install monitor mounting bracket (item-1) as close as possible to the pump giving consideration to accessibility and visibility. Mounting surface must be drilled or tapped to accommodate hardware provided. Spot through base of mounting bracket for hardware location. (Item-5) is a ¼-20 hex head screw and (item-6) is a ¼" self drilling and tapping screw. Use lock washers (item-3) with all fasteners.
- Mount monitor (item-2) on mounting bracket (item-1) so that the bottom of the sight glass is approximately at the same height as the top of the pump. Use hardware (items-3 & 4) provided.
Note: Use Loctite #24205 (item-16) on all screw threads.
- Cut hose (item-11) to length required being sure that there are no kinks or sharp bends in it when installed. Attach one end of the hose to the hose barb on the pump plumbing and the other to the hose barb on the monitor. Use hose clamps (items-12) to secure hose.

6. Filling pump and adjusting monitor:

- Fill pump to top and install plugged cap where required.
- Remove vent tube and fill monitor through vent tube fitting until the level has carried the brass float approximately 1" above the bottom of the sight gage.
Adjust low contact below the float when lubricant is cool. After pump has run long enough to heat lubricant to maximum operating temperature, adjust high contact above float. Adjusting low and high contact too close to the float may cause nuisance contacting.



PARTS LIST

103-000 Oil Level Monitor Kit

ITEM	PART NUMBER	DESCRIPTION	QTY
1	103-005	Monitor Mounting Bracket	1
2	103-010	Lub Level Monitor #L129CKI (Sold Separately)	1
3	100-770	1/4" Stainless Steel Lockwasher	8
4	100-026	1/4-20 X 1/2" Long Hex Head Screw	4
5	100-062	1/4-20 X 3/4" Long Hex Head Screw	4
6	100-771	1/4 X 3/4" Long Self Drilling and Tapping Hex Head Screw	4
7	103-017	1/2 X 3/8 Brass Hose Barb	1
8	D15-039-1212	Oil Fill Plug Assembly	1
9	103-154	3/8 X 1/8 Brass Reducing Bushing (Used on D03 and D10)	1
10	103-160	3/8 Hex Nipple (Used on D17)	1
11	103-015	3/8 X 48" Long Polyurethane Hose	1
12	100-124	3/8 Stainless Steel Hose Clamp	2
13	103-014	3/8 X 3/8 Brass Hose Barb	1
14	103-012	3/8 Brass Tee	1
15	103-013	3/8 Brass Plug	1
16	A01-113-3400	Loctite #24205 Threadlocker	1
17	103-009	Loctite #56707 Pipe Sealant	1
18	103-021	Instruction Sheet-1	1
19	103-022	Instruction Sheet-2	1
20	103-023	Parts List Sheet-1	1

Note:

The Wanner Oil Level Monitor Kit Includes all necessary mechanical components to complete the installation. All General information including; specifications, repair kits, installation instructions, electrical schematics etc. for the Murphy Switchgag Monitor are included in the Murphy packaging. Any electrical components such as alarms, relays etc. used in conjunction with the Murphy Switchgag Monitor must be installed by a qualified electrician. See warnings and cautions provided in the Murphy Switchgag installation instructions.