

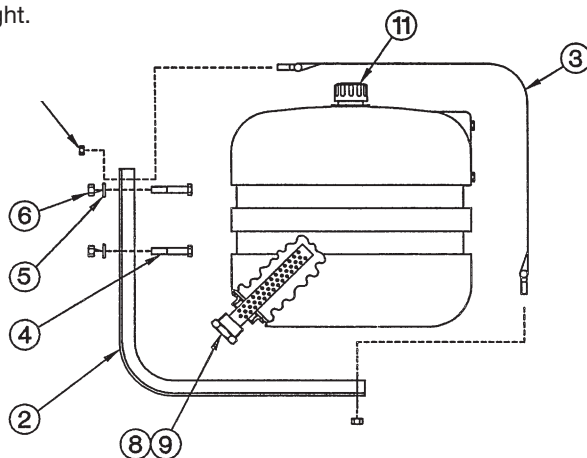
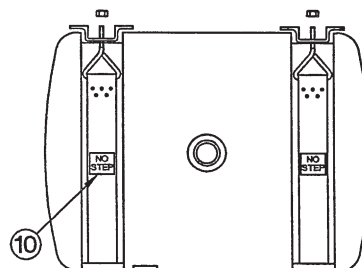
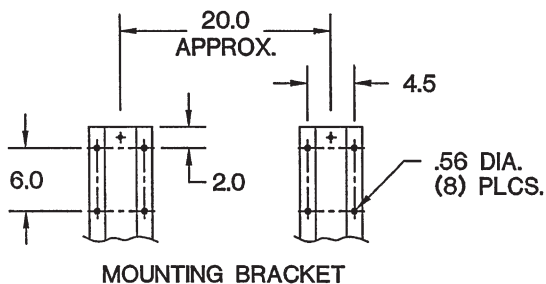


# 50 Gallon Side Mount Polyethylene P050B2AAGXY Installation Instructions

(Supersedes former 50AS2)

**Note:** Drilling extra or unnecessary holes in the mounting brackets could affect its structural integrity, become weak and result in stress cracks and/or eventual bracket failure.

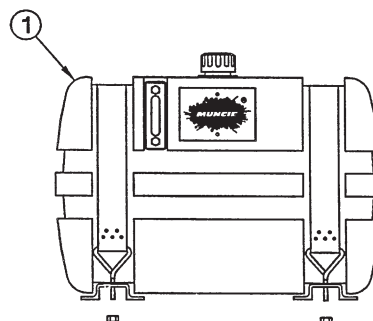
If a Shut Off Valve is used, a support strap is needed to carry the weight.



FROM PUMP RETURN



FROM PUMP INLET



Note: Maximum oil temperature is 180° F.

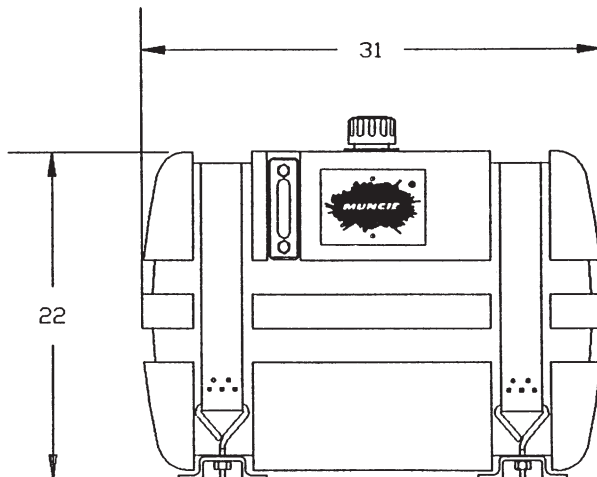
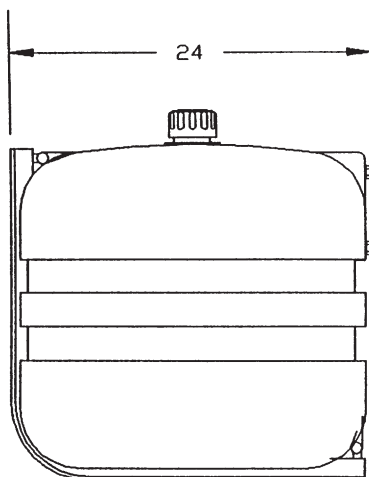
## KIT INCLUDES

ITEM	DESCRIPTION	PART NO.	QTY
1	Reservoir Assembly (Includes: Face Plate, Sight Gauge, 2 Work Ports with Gaskets)	N/A	1
2	L Type Mounting Bracket	C1513	2
3	Mounting Strap	B04003	2
4	½" Bolt	1/2-20X2GR5	8
5	½" Flat Washer	HB1-12	8
6	½" Hex Nut	22MX5020	8
7	¾" Lock Nut	3/8-16UNC-3B	4
8	Return Line Diffuser (2-1¼)	8020590	1
	Return Line Diffuser (2-1½)	43T37610	1
9	Reducing Bushing (2-1¼)	8020591	1
	Reducing Bushing (2-1½)	43T37609	1
10	No Step Decal	36T35811	2
11	Breather Cap	BC-50	1
12	Sight Gauge	31T36377	1
N.S.	¼"-20 x .875 (2" Port Screws)	19T35595	6
N.S.	Breather Flange	8020394	1
N.S.	Gasket for 2" Bolt on Flange	AA1458	1
N.S.	2" Bolt on Flange/Port	8020588M	1

## PROCEDURE:

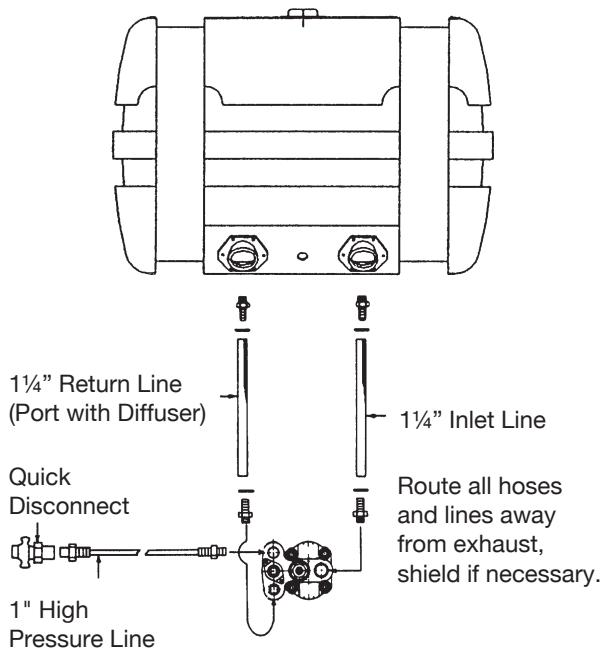
- Find appropriate area on frame rail for desired mounting. Tank length is 31 inches.
- Using the bracket mounting dimensions or the 1st L bracket as a pattern, locate and make holes for drilling. Bracket should be flush with top of frame.
- Using the ½ inch bolts, nuts, and washers, mount bracket to the frame.
- Wipe off L bracket tank surface to remove any dirt that may have fallen onto it. Set tank onto the brackets.
- Install the straps onto the tank and place the eye bolts into the appropriate holes. Install the ¾ locknuts and tighten. Tighten until straps are snug and flat on top front portion of the tank. Do not overtighten. Place No Step Decal onto each strap. Clean surface area before placing decals.
- Install the reducer bushing and return line diffuser into the work ports. A thread sealant is recommended (Do not use Teflon tape). The reducer bushing and diffuser can be fitted into either port for ease of installation but must be properly hooked up to the pump.

## 50 GALLON SIDE MOUNT OVERALL DIMENSIONS



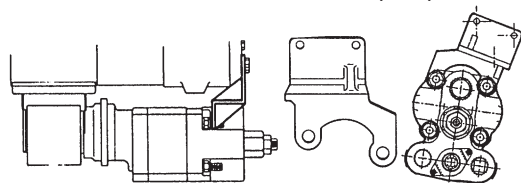
## INSTALLATION AND PLUMBING DIAGRAM

**Note:** This reservoir is designed for dump trailer applications with a maximum hydraulic cycle time of less than 5 minutes. Longer running times may result in excessive heat build-up and subsequent damage.



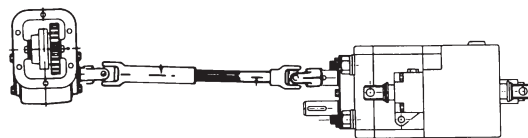
### DIRECT MOUNT

This pump should be supported with a 4 point bracket attached to the rear of the pump.



### REMOTE MOUNT

PTO shaft and accessory shaft must be parallel to 1-1/2°. Drive line yokes must be in phase. Drive line angle not to exceed 6-1/2°.



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