

GZPRIMERKIT – Guzzler Primer Kit

Overview:

Designed for vehicle mounted pump units, the **GZPRIMERKIT** is a hand operated pump priming system. The kit contains a complete set of components to facilitate its integration on most vehicle platforms. This diaphragm pump has a 12 ft. lift and is capable of reaching approximately 16 ft. when a foot valve is installed on the pump intake hose. This document outlines the proper assembly method, operation, and replacement parts for the **GZPRIMERKIT**.

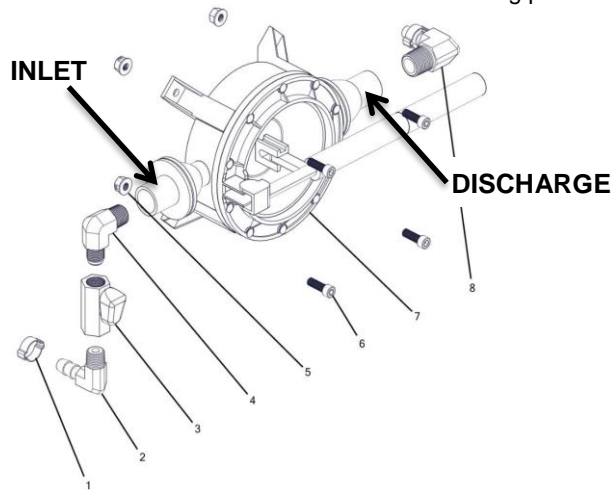


Kit Components:

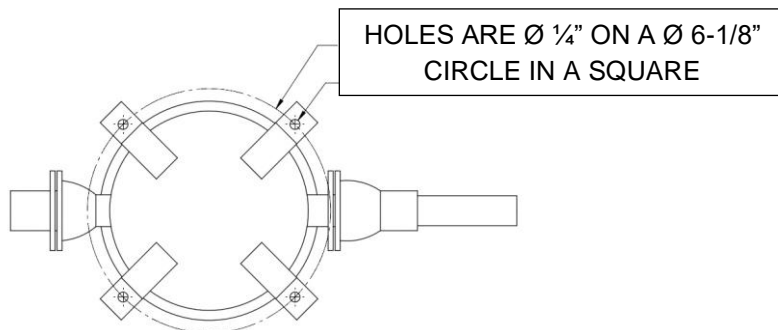
The **GZPRIMERKIT** is provided with hose barb fittings, 3/8" ball valve, and mounting hardware. The kit also includes six feet of clear braid reinforced hose for installing the hand primer at a remote location from the pump.

Installation & Parts Breakdown:

Below is an exploded view of the GZPRIMERKIT, depicting its components and assembly. Note that the final orientation of the fittings may vary depending on how the unit needs to be installed on the apparatus. The primer inlet needs to be connected to the priming port on the centrifugal pump via the clear braid reinforced hose. The primer discharge may or may not be run to another location with the remaining piece of the clear braided reinforced hose.



ID	ITEM NO	DESCRIPTION	QTY
1	800749	PART-388 OETIKER DOUBLE EAR CLAMP .544" TO .669"	2
2	800703	PART-315 ELBOW BRB 3/8 TO MNPT 3/8, BR	1
3	800780	PART-348 VALVE BRASS MINI 3/8 NPT, WEDGE	1
4	800707	PART-317 ELBOW MNPT 1/2 TO 3/8, BR	1
5	800419	C-6650-14 NUT 1/4-20 FLANGED DISTORTED LOCKNUT	4
6	800309	FAST-542 SCREW 1/4-20X3/4 HEX SOCKET SS	4
7	800737	BOS-400-H-1/2 GUZZLER HAND PRIMER, 1/2 NPT	1
8	800706	PART-316 ELBOW BRB 3/8 TO MNPT 1/2, BR	1
-	800790	QHOSEPVC38 HOSE 3/8 ID, BRAIDED PVC	6



Operation:

To prime the pump using the Guzzler Hand Primer Pump, follow these steps:

1. Connect all pump intake and discharge equipment to the pump: suction hose, strainer, discharge hose, etc.
2. Open the priming valve.
3. With all discharge valves closed, intake valve open, and the suction hose placed in the water, operate the Guzzler primer (**Note:** this is done by pushing and pulling on the Guzzler primer handle). In freezing conditions, make sure that the priming hose lines are properly drained.
4. Watch the water rise in the suction hose until it reaches the pump or watch the discharge port of the Guzzler Primer until a straight stream of water starts to come out.
5. Close the priming valve.
6. Turn on the fire pump and monitor pressure, at this point the pump should be primed and the pump should be ready to operate
7. Once the discharge valve is open, pressure should build in the line.
8. If pressure does not build in the discharge line, open the PV valve again, pumping the primer handle.
9. Once the pressure builds in the discharge line, close the PV valve and discontinue operating the hand primer.
10. Adjust the engine throttle and discharge valve until the desired pump performance is obtained.

CAUTION: To avoid high pressure water from damaging the Guzzler Primer, the priming valve must be closed after priming the centrifugal pump. Leaving the priming valve open in this situation can damage the priming system and/or cause injury.

Warranty, Service and Support:

Product and service documentation such as tech notes, data sheets, manuals and information on the limited warranty provided on products manufactured by WATERAX can be found on our Web site at: www.waterax.com.

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