



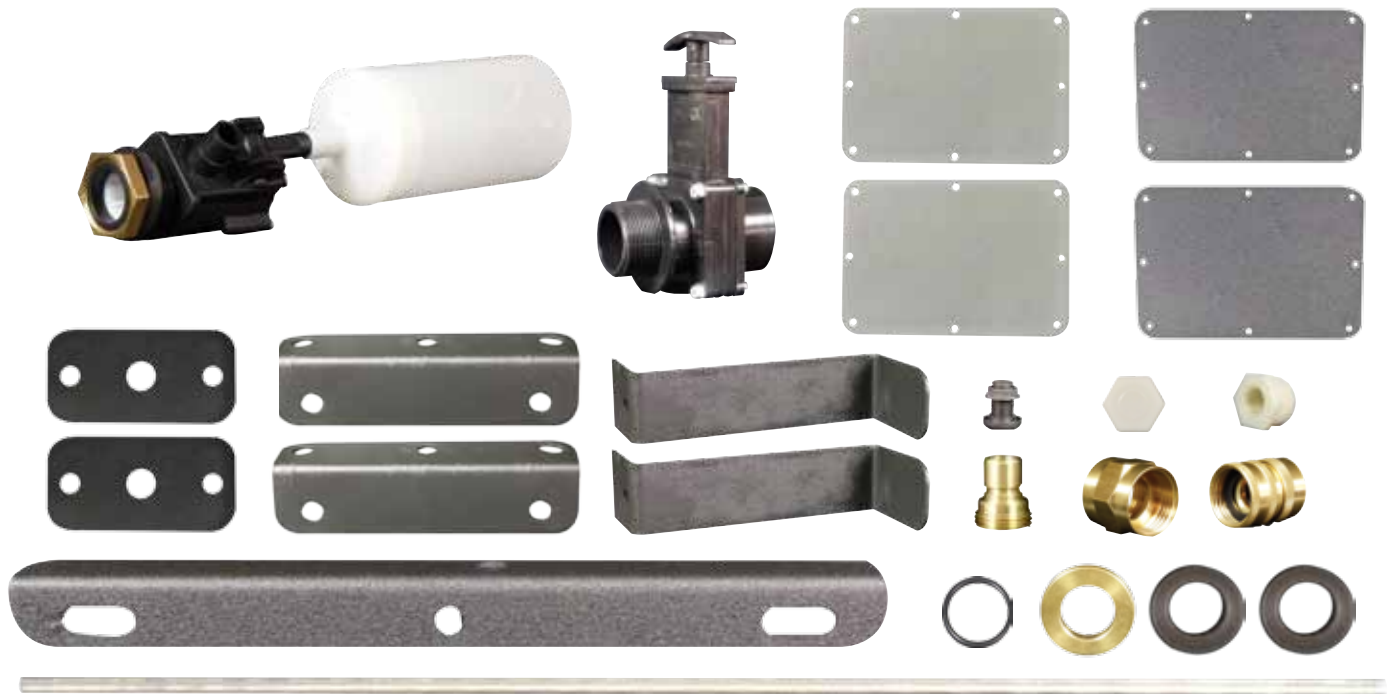
*Please read and save these instructions. Read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage, which Pumptec Inc. assumes no liability! Retain instructions for future reference.*

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# 110 GALLON FRESH WATER TANK



- Durable
- Compact
- Easy to Install
- 110 gallon capacity, yet only 60" x 34" x 18"
- Floor tool storage brackets
- Storage shelf for chemicals and hand tools
- Dump valve for fast flush of system - Installs at either end of the tank
- Epoxy coated steel mounting hardware standard, stainless steel optional
- Universal wheel well installation
- Fast and simple installation, all mounting hardware factory installed
- All stainless steel fasteners
- Durable ultra thick wall polyethylene construction
- Translucent white for quick visual of water level
- Float valve automatically shuts off water when tank is full
- Heavy duty brass garden hose quick connect makes connection a snap
- One year warranty



Items shown are not to scale

DESCRIPTION	PART NO	QTY	DESCRIPTION	PART NO	QTY
O-Ring , 1-116. Buna	C0100-1116	1	Gate Valve, 1.5M x 1.5F Thread	C-GV-1.5 M X F	1
Lit Pack*	30069	1	Float Valve	FLOAT-VALVE	1
Washer, Garden Hose Gasket	WSH-GH	2	Gasket For Metal Plates On 110 Gallon Tank Ends	GASKET-TANK	2
Union, Garden Hose F X F, Brass	UNION-GHFS-B	1	Hardware Kit For 110 Gallon Tank –Kit A*	HDWR-FWT-110	1
QC, Socket, GH Female, Brass	QC-GHFS-B	1	Plug, 1 ½”, Hex, Nylon, White	PLUG-1.5 HEX-N	1
QC, Plug, GH Male, Brass	QC-GHMP-B	1	Reducing Bushing, 1.5 Male,3/4 Female, Nylon, White	REDBU-1.5M X 3/4F-N	1
Bottom Side Mounting Bracket, 110 Gallon Tank	BSMB-110-R/L	2	Valve Air 1”	RT110-0012-0002	1
Bushing, Float Valve, FWT-110	BUS-FLOAT-VALVE	1	Upper Rear Support Bracket, 100/110 Tank	URSSB-100/110	1
Threaded Rod ½”- 13x3’ Stainless Steel	C5100-0008-0036	1	Well Covers, 100/110 Gallon Tank	WC-100/110	2
Wheel Well Support Plate, Top	40247	1	Floor Tool Front Bracket, 100/110 Gallon Tank	FTFB-100/110	2
Wheel Well Support Plate, Bottom	40248	1	Tank, 110 Gallon, Pumptec Logo, White*	RT110-TANK	1

\*Not Pictured

**INSTALLATION**

**WHEEL WELL SUPPORT ASSEMBLY**

Position the tank in the vehicle. The Lower Support Assembly plates shown in Figure 1 are engineered and designed to support the tank using the wheel well.

Center the top plate on top of the wheel where you want the supports placed.

Mark the 3 holes positions on the wheel well where they will be drilled.

Drill holes where you have marked for the 2 bolts (3/8"-16) and Threaded 3' Rod, 1/2", stainless steel.

Position top and lower plates so holes line up, insert bolts and place nuts and washers and proceed to thread them, **do not tighten at this time.**

You will tighten these 2 bolts and threaded rod at the end of installation

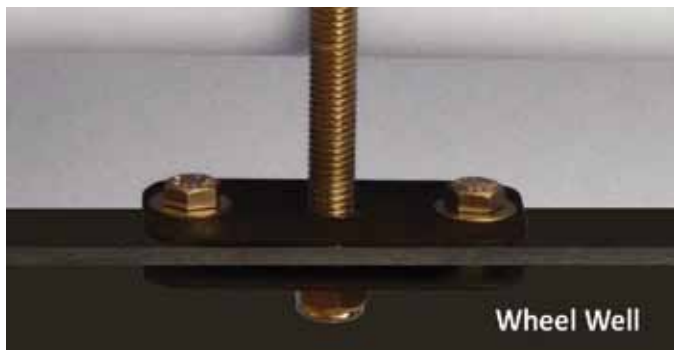


Figure 1

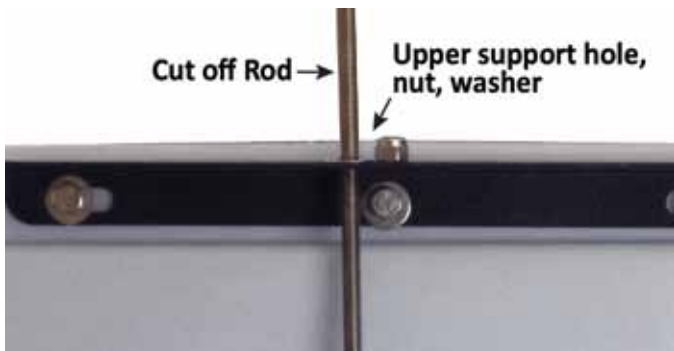


Figure 2

**FLOAT VALVE**

Select side of the tank allowing easiest access to Float Valve. Remove cover on selected side of the tank and locate the dimple on the front of selected side of the tank and drill hole using a 3/4" drill.

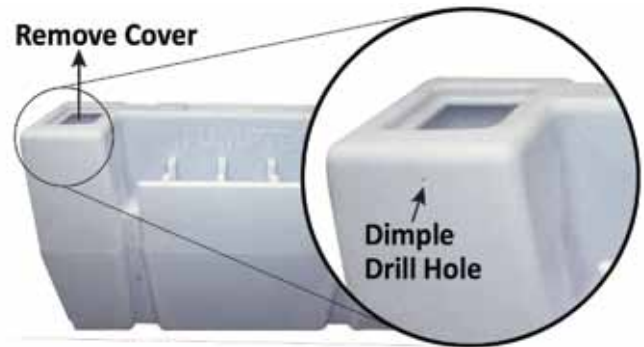


Figure 3

Insert the float valve into the tank. Install the garden hose fitting onto the float valve and tighten securely. For a better seal, you may want to apply silicone to the threads.



Figure 4

**KNIFE VALVE AND PLUG**

Each side of the tank has a hole with 1 1/2" female threads for the installation of the Knife Valve or Plug. Install the Knife Valve on the side closest to vehicle door for easy emptying of the tank. To install the Knife Valve you need to first remove the side bracket shown in Photo E. Use silicone sealant on the threads of the Knife Valve. Tighten securely noting the Knife Valve should thread flush to the tank. Use silicone sealant on plug also.



Figure 5

**INSTALLING THE TANK INTO VEHICLE**

Move the tank into the vehicle and place it onto the installed

Lower Support Assembly. There is a single hole on top of the Upper Support Bracket attached to the top of the tank as seen in Figure 5. Insert the threaded Rod through the hole and thread it into the Lower Support Assembly. Align the holes on the Upper and Lower Supports to keep rod vertical. Thread Rod into the Lower Support as far as possible for strength and stability. Thread the 1/2" X 13 hex nut and washer onto the threaded rod and tighten until the water tank can no longer move up and down. Turn the nut 3 more times. Cut off the extra threaded rod to avoid possible injury. PUMPTEC INC assumes NO liability or warranty for installation and improper installation could void any warranty on the tank.

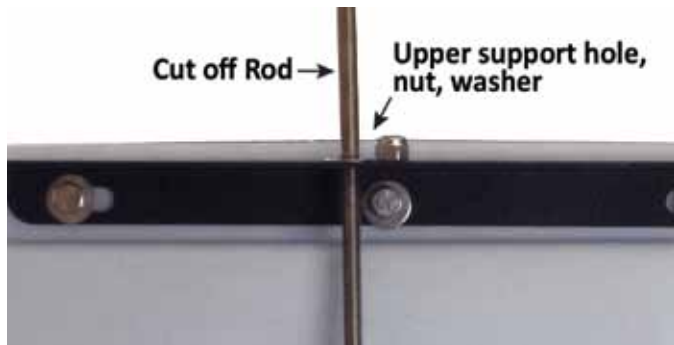


Figure 6

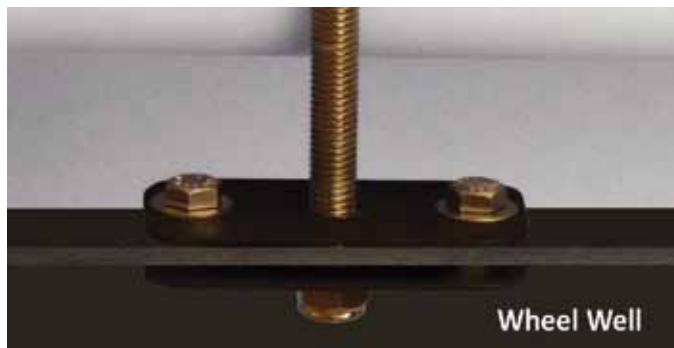


Figure 7

**SECURING WATER TANK TO THE VEHICLE FLOOR**

You will need to purchase four (4) 1/2" high grade bolts along with 8 washers and 4 lock nuts that are long and adequate enough in length to go through the bottom of vehicle floor. High grade bolts can withstand the vibration and movement of the vehicle better than lower grade/ quality bolts. Loosen 3 bolts attaching side brackets to tank. Using bottom holes of brackets as templates drill 4 holes through the floor of the vehicle. Using the bolts, nuts, and washers you acquired, bolt the tank to the floor of the vehicle. Retighten the 3 bolts attaching side brackets to the tank. PUMPTEC INC assumes NO

liability or warranty for installation and improper installation could void any warranty on the tank.

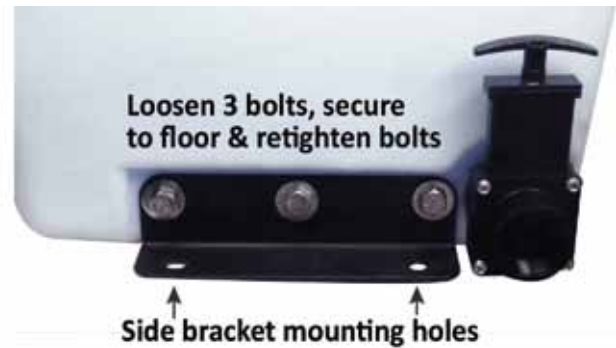


Figure 8

Tighten threaded rod and wheel well plate bolts.

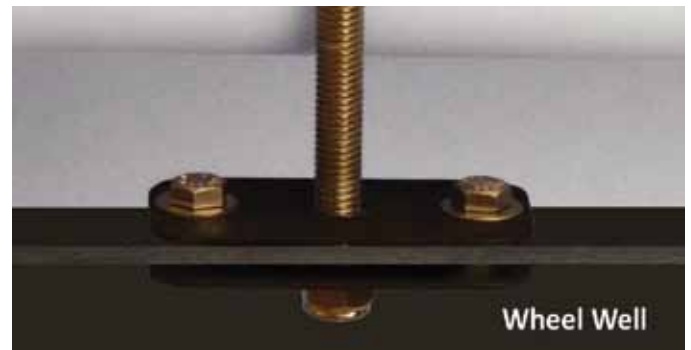


Figure 9

If you purchased the pump system with the tank, see the instructions enclosed with the pump for installation.

**WARNING!** THIS TANK WILL EXCEED 800 POUNDS WHEN FULL OF WATER. IT IS IMPORTANT TO EVENLY DISTRIBUTE WEIGHT OF ALL EQUIPMENT WITHIN VEHICLE FOR STABILITY AND SAFETY. PUMPTEC INC assumes NO liability or warranty for installation and improper installation along with exceeding liquid weight stated above could void any warranty on the tank. Pumpotec, Inc. is not responsible for losses, injury, or death resulting from a failure to observe these safety precautions, misuse or abuse of pumps or equipment.

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