

# INSTALLATION GUIDE

For Installing A Rule Pump Into A Mishimoto Ice Box Tank Reservoir

SKU: MMRT-A2W

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## RESOURCES & CONTACT

-  **CALL 1-877-GOMISHI**  
CUSTOMER SERVICE HOURS: MON-FRI 8:30AM-5:00PM EST
-  **MISHIMOTO**
-  **GOMISHIMOTO**
-  **MISHIMOTO**
-  **WEBSITE**  
[WWW.MISHIMOTO.COM](http://WWW.MISHIMOTO.COM)
-  **ENGINEERING BLOG**  
[WWW.MISHIMOTO.COM/ENGINEERING](http://WWW.MISHIMOTO.COM/ENGINEERING)

### IMPORTANT SAFETY INFORMATION

- › Mishimoto recommends you use safety glasses and protective gloves during the installation of our products
- › Raise vehicle only on jack stands or on a vehicle lift
- › Allow vehicle to cool completely prior to attempting installation
- › Do not run the engine or drive the vehicle while overheating; serious damage can occur
- › Please dispose of any liquids properly
- › Mishimoto is not responsible for any vehicle damage or personal injury due to installation errors, misuse, or removal of Mishimoto products
- › If you need any assistance while installing our products, reach out to our Customer Service Team at 1-877-GOMISHI

### SUPPLIED PARTS

(1) ICE BOX TANK RESERVOIR	(1) 1/2" NPT PLUG
(1) ICE BOX TANK RESERVOIR LID	(8) M5 BOLTS
(1) 3/8" NPT BALL VALVE	(4) M4 BOLTS
(1) 1/2" NPT ELECTRICAL BULKHEAD	(4) LOCK WASHERS
	(4) FLAT WASHERS

### REQUIRED TOOLS

2.5MM ALLEN WRENCH	21MM WRENCH
3MM ALLEN WRENCH	22MM WRENCH

### INSTALLATION INSTRUCTIONS

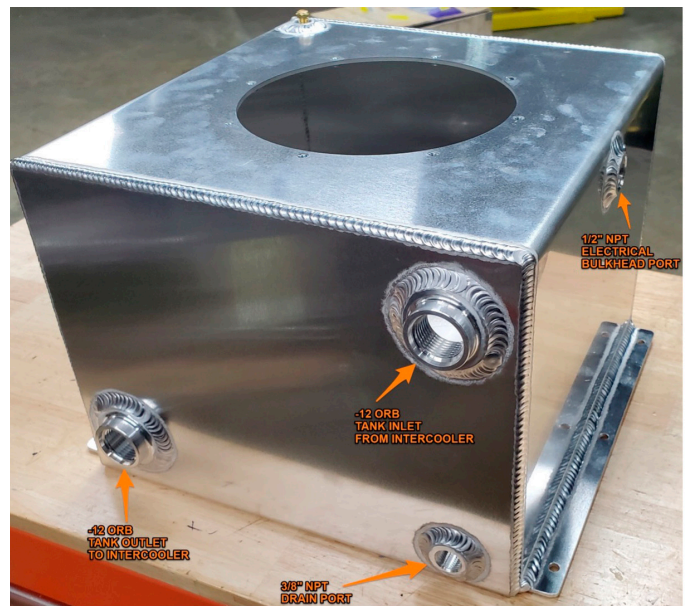
These instructions apply to mounting a Rule pump inside a Mishimoto 2.5gal or 5.0gal ice box tank reservoir. The 2.5gal tank is designed to be used with the Rule 2000 pump. The 5.0gal tank is designed to be used with either the Rule 2000 or Rule 3700 pump. Although the internal mounts have been designed specifically for Rule pumps, these tanks can be used with any internal or external pump.

**Note: Due to the various possible configurations and applications, these instructions do not cover plumbing the pump or tank. Additional parts and tools will be required for plumbing**

#### Overview & General Instructions:

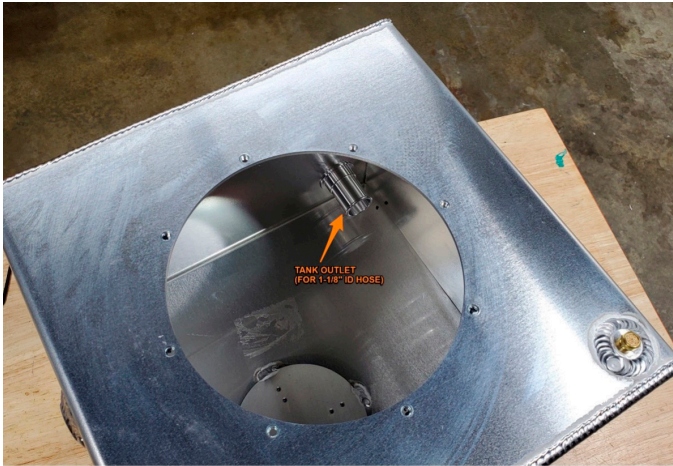
If using an external pump, install the supplied 1/2" NPT plug into the 1/2" NPT electrical bulkhead port. If using an internal pump, install the supplied 1/2" NPT electrical bulkhead into the 1/2" NPT electrical bulkhead port. The pump wires will be fed through this bulkhead which, when tightened, will create a watertight seal around the wires. Install the supplied 3/8" NPT ball valve into the 3/8" NPT drain port. The tank inlet and outlet ports are designed for use with -12 ORB fittings such as Mishimoto -12ORB to 3/4" Hose Barb Air-to-Water Intercooler Fitting or Mishimoto -12ORB to -12AN Air-to-Water Intercooler Fitting. The tank outlet has an internal tube which is designed to be used with 1-1/8" ID hose when an internal pump is installed.

**Note: It is recommended to use Teflon tape or thread sealant on all NPT threads to prevent leaks.**

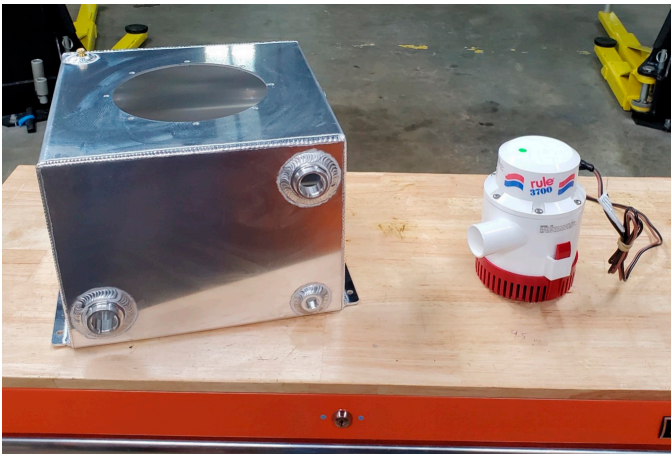


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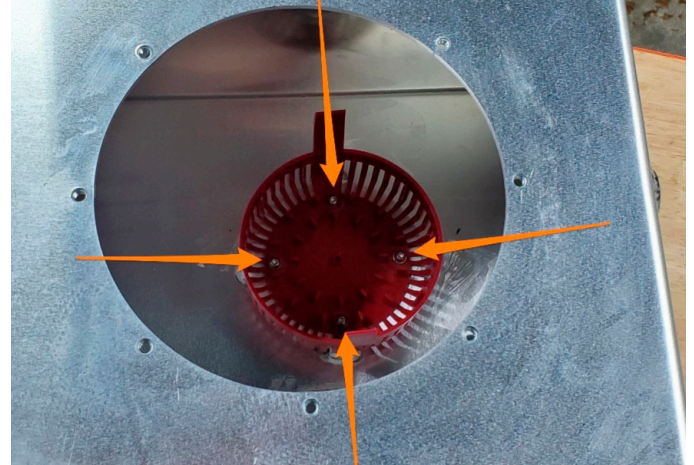




### MOUNTING INSTRUCTIONS FOR AN INTERNAL RULE PUMP



**01.** Remove the strainer basket from the pump and, using a 2.5mm Allen wrench and the (4) supplied M4 bolts, lock washers, and flat washers, install it inside the tank in the orientation shown in the photo below. On the 5.0 gal tank, the outer holes will be used to mount a Rule 3700 pump and the inner holes will be used to mount the Rule 2000 pump.



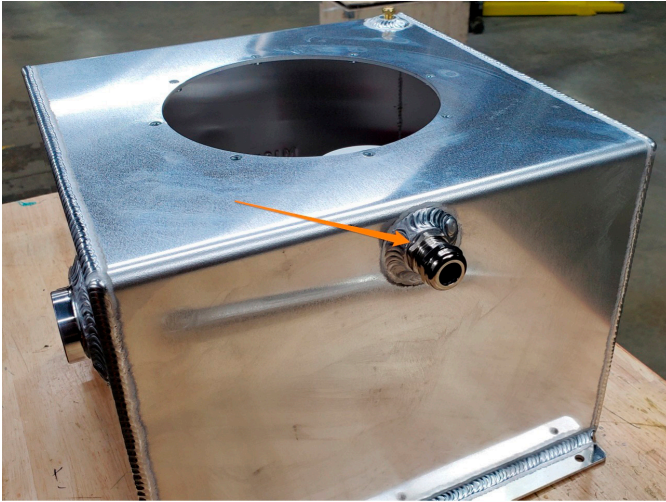
**02.** Install the pump onto the strainer basket inside the tank.



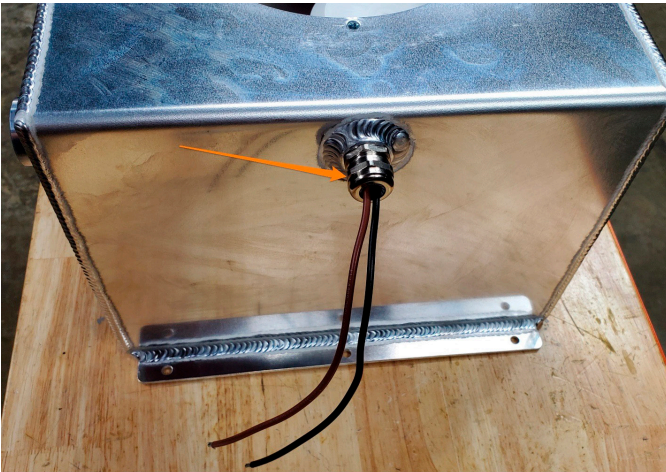
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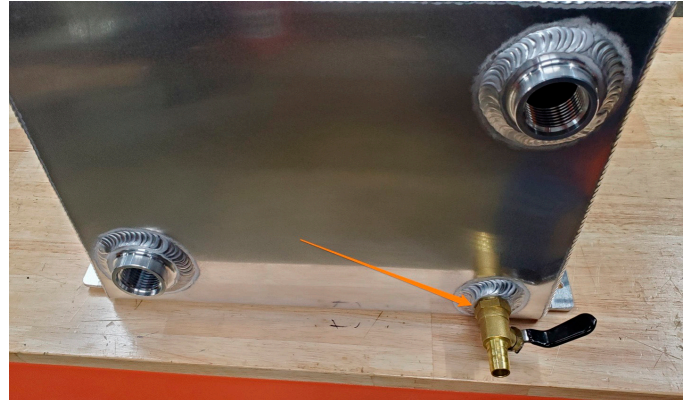
03. Using a 22mm wrench, install the supplied 1/2" NPT electrical bulkhead into the 1/2" NPT electrical bulkhead port.



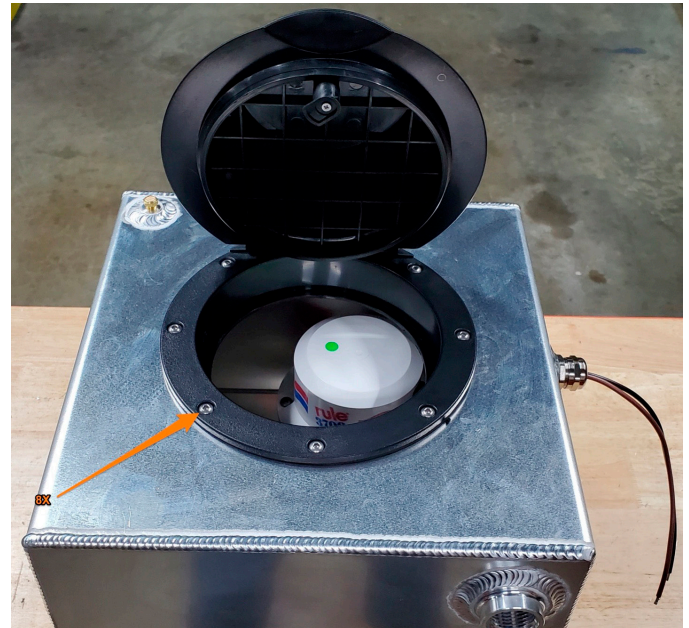
04. Ensure the outer clamping nut on the bulkhead is loosened and feed the pump's wires from the inside of the tank through the holes in the bulkhead. Then, using a 22mm wrench, tighten the outer clamping nut to seal the bulkhead around the wires.



05. Using a 21mm wrench install the supplied 3/8" NPT ball valve into the 3/8" NPT drain port.



06. Using a 3mm Allen wrench and the (8) supplied M5 bolts, install the lid into the top of the tank. This completes the installation of the pump. If using the Rule 3700 pump the Rule adapter model 67 may be needed to reduce the 1-1/2" pump outlet to the 1-1/8" tank outlet tube.



**Congratulations! You have completed your installation.**

## DISPOSAL INSTRUCTIONS

- › Do not dispose of any product as unsorted municipal waste. Use separate collection facilities. Contact your local authority for information regarding the collection systems available.
- › Never improperly dispose of any coolant, oil, or other chemicals.

## WARRANTY INFORMATION



- › All claims must be accompanied with a picture of the Mishimoto product showing the issue for which the claim is being submitted.
- › Mishimoto asks that the customer inspect their purchased item for any damage immediately upon arrival.
- › Any product deemed dead on arrival (DOA) must be claimed within 14 business days of delivery. Claims outside of this time frame will not be covered under the Mishimoto Lifetime Warranty.
- › This warranty does not include payment and/or reimbursement of the cost of labor in connection with the removal of any product returned pursuant to the warranty policy or in connection with the installation of any replacement items provided under the warranty policy.
- › Mishimoto has the right to refuse a claim at any time.

- › When Mishimoto accepts a claim, Mishimoto retains full discretion to choose if it will: (i) repair or replace purchaser's original Mishimoto product; (ii) replace purchaser's original Mishimoto product with the most current available model; or (iii) provide the purchaser with a gift card redeemable on [Mishimoto.com](https://www.mishimoto.com) in the amount of the original purchase price of the original Mishimoto product. The provision of a replacement of a Mishimoto product is subject to availability and Mishimoto retains the right to substitute any warranty claim item with a comparable item or credit at any time.
- › If Mishimoto determines that it will provide a replacement item in connection with a claim under this warranty policy, and such item is out of stock, Mishimoto will place the customer on backorder and ship the replacement product to the purchaser once it becomes available.
- › Mishimoto is not liable for incorrect shipments in connection with a claim if a claim form is completed incorrectly, or if a model number is not included in a claim.
- › If you have a vehicle equipped with an automatic transmission, please make sure to specify this within the text box on the claim form. Mishimoto is not responsible for incorrect replacement shipments if transmission type is not indicated.



**WARNING**  
Cancer and  
Reproductive Harm  
[www.P65Warnings.ca.gov](https://www.P65Warnings.ca.gov)

This product can expose you to chemicals which are known to the state of California to cause cancer. For more information visit: [www.p65warnings.ca.gov](https://www.p65warnings.ca.gov)