



# INSTALLATION GUIDE

Aluminum Expansion Tank, Fits 2018+ Jeep Wrangler JL  
SKU: MMRT-JL-18

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## RESOURCES & CONTACT



**CALL 1.877.466.4744**

CUSTOMER SERVICE HOURS: MON-FRI 9:00AM-7:00PM EST



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## 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

## PARTS BREAKDOWN

1X ALUMINUM EXPANSION TANK    1X WORM GEAR CLAMP  
1X O-RING

## REQUIRED TOOLS

10MM SOCKET                      1/4" OR 3/8" DRIVE RATCHET  
PLIERS                              AND EXTENSIONS  
FLUID EXTRACTOR  
PLASTIC PRY TOOL

**INSTALL TIME: 1 HOUR**

**INSTALL DIFFICULTY:**     

## INSTALLATION INSTRUCTIONS

1. Never work on the coolant system after the vehicle has been running. Allow the engine to cool down and then remove the stock expansion tank cap. Note that the images contained in these instructions show the 2.0L engine (black) expansion tank, however, the procedure is the same for the 3.6L engine (semi-translucent) expansion tank.
2. Using a fluid extractor, remove any coolant that is in the stock expansion tank.



3. Using a pry tool, remove the plastic mount that attaches the brake vacuum line to the expansion tank. Disconnect the upper hose and the two nuts securing the expansion tank to the body of the vehicle.



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**4.** Lift the expansion tank and disconnect the lower hose. You will need to disengage the clip on the connection by pushing forward on the tabs on each side. Inspect the stock o-ring for damage and replace it with the one supplied in the kit if necessary. Remember to push the clip back into place once the expansion tank has been removed.



**5.** Remove the mounting grommet from the stock expansion tank and install it onto the Mishimoto expansion tank in the same orientation.



**6.** Connect the lower hose to the Mishimoto expansion tank and install the tank into the vehicle. Re-install the two mounting nuts, reconnect the upper hose using the included worm gear clamp, and reconnect the plastic brake vacuum line mount.



**7.** Add coolant to the expansion tank to the indicated line.

**8.** Re-install the expansion tank cap, start the engine, and allow it to idle. Monitor the engine temperature and coolant level in the expansion tank and check for leaks. Turn off the engine immediately if you notice a leak, the engine begins to overheat or if coolant starts to overflow from the reservoir. Once the engine has reached operating temperature, turn it off and allow the engine to cool completely. Check the coolant level and add additional coolant as needed to maintain the proper level.

**9.** Congratulations, the Mishimoto expansion tank installation is complete.

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## 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** 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.



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Cancer and  
Reproductive Harm  
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- › 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](http://www.p65warnings.ca.gov)