



INSTALLATION GUIDE

Expansion Tank, Fits 2019+ Ram 6.7L Cummins
SKU: MMRT-RAM-19

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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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ENGINEERING BLOG

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) MISHIMOTO EXPANSION TANK WITH PRE-INSTALLED LEVEL SENSOR AND OVERFLOW HOSE | (2) M6 BUTTON HEAD BOLTS |
| | (2) M6 FLAT WASHERS |
| (1) MOUNTING BRACKET | (2) M6 LOCK WASHERS |
| (2) HOSE CLAMPS | |

REQUIRED TOOLS

- | | |
|-------------------|---------------------------|
| SOCKET DRIVER | 10MM WRENCH |
| SOCKET EXTENSIONS | 4MM ALLAN WRENCH |
| 8MM SOCKET | FLAT HEAD SCREWDRIVER |
| 10MM SOCKET | PHILLIPS HEAD SCREWDRIVER |
| 13MM SOCKET | NEEDLE NOSE PLIERS |

OPTIONAL TOOLS

- | | |
|-----------------------|-----------------------|
| RIM CLIP REMOVAL TOOL | HOSE PINCH-OFF PLIERS |
| HOSE CLAMP PLIERS | |

INSTALL TIME: 2 HOURS

INSTALL DIFFICULTY:

INSTALLATION INSTRUCTIONS

1. Disconnect both batteries
2. Remove the passenger side cross brace

3. Remove the intake tube going from the turbo to the air box

4. Remove the passenger side battery

5. Remove the passenger side wheel well liner

6. Remove the passenger side battery tray

7. Disconnect the plug from the stock level sensor.



8. If not draining the entire cooling system, pinch off the lower expansion tank hose. Place a container under the expansion tank and remove the hose clamp and hose from the tank to drain it into the container.



9. Remove the tree clips securing the upper tank hoses from the tank. Then, remove the hose clamps and disconnect the two (2) upper hoses from the tank.

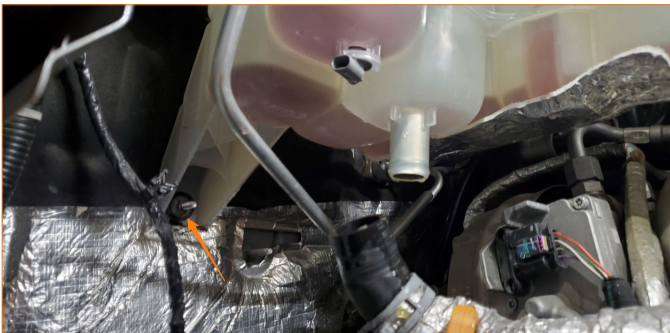


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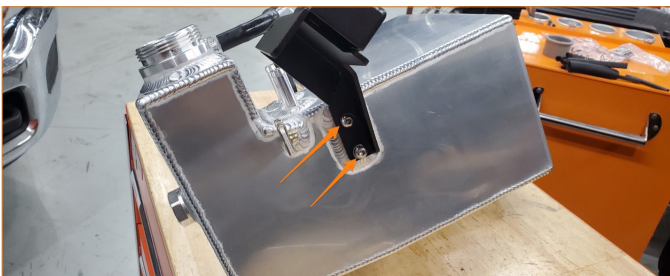
10. Remove the bolt securing the line bracket to the tank.



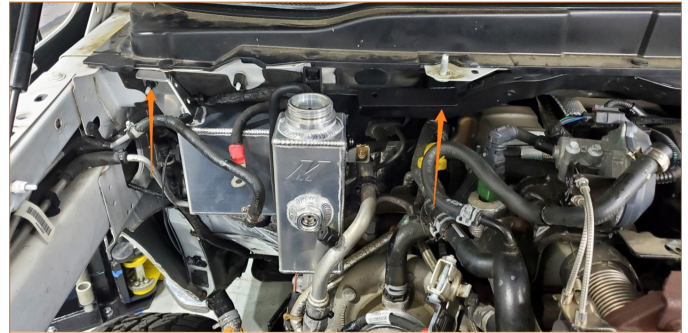
11. Remove the three (3) nuts securing the stock tank to the vehicle and remove the tank.



12. Using the two (2) supplied M6 bolts, flat washers, & lock washers, attach the mounting bracket to the Mishimoto expansion tank.



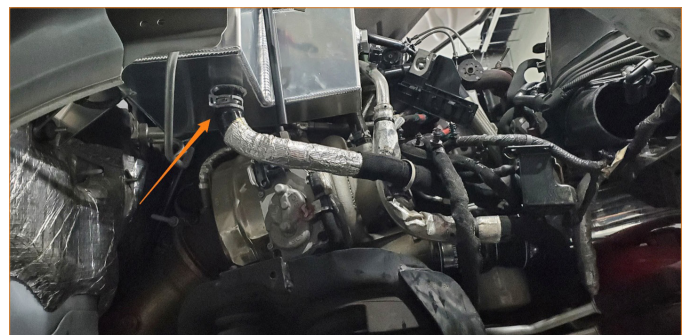
13. Install the Mishimoto tank onto the vehicle and secure it with the three (3) nuts removed in Step 11.



14. Connect the stock level sensor plug to the plug on the level sensor installed in the Mishimoto tank.



15. Connect the lower tank hose to the Mishimoto expansion tank.



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16. Install the upper tank hoses onto the ports on the Mishimoto expansion tank and secure with the two (2) provided hose clamps. Then attach the tree clips to the tank. Next, reattach the line bracket to the Mishimoto tank with the bolt that was removed in Step 10.



17. Reverse steps 1-6 to reassemble the vehicle.

18. Refill the cooling system according to the vehicle manufacturer's instructions. The cold fill line on the Mishimoto tank is the center of the sight glass.

Congratulations you've 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** 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

- › 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