



# INSTALLATION GUIDE

## TRANSMISSION COOLER

FITS 2019+ RAM 6.7L CUMMINS  
SKU: M M T C - R A M - 1 9

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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

## REQUIRED TOOLS

- |   |                     |
|---|---------------------|
| (1) MISHIMOTO TRANSMISSION COOLER WITH PRE-INSTALLED FITTINGS | (4) M5 LOCK WASHERS |
|   | (4) M5 FLATWASHERS  |
| (2) MOUNTING BRACKETS   |                     |
| (4) M5 BOLTS  |                     |

## INSTALL TIME: 2 HOURS

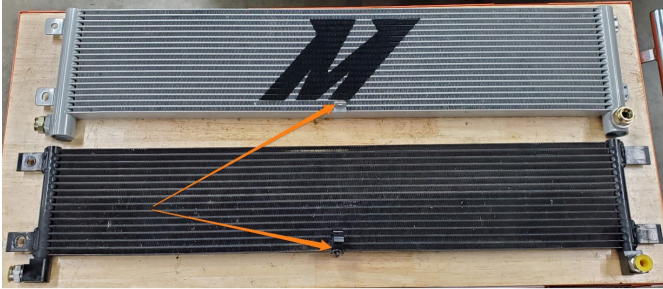
## INSTALL DIFFICULTY:

## INSTALLATION INSTRUCTIONS

1. Remove the plastic cover from the top front of the engine, then remove the front portion of the intake air duct.
2. Remove the grille and grille shutters.
3. Remove the bolts securing the upper part of the fan shroud and unclip the bottom clips holding it to the radiator so it can be moved backward to create room to tilt the radiator backward.
4. Remove the bolt securing the transmission cooler lines to the side of the radiator and unclip the clip from the lines.
5. Remove the two (2) bolts attaching the radiator to the upper radiator support. Tilt the radiator backward to gain better access to the stock transmission cooler.
6. Unclip the transmission line from the clip in the front center of the cooler.
7. Place towels under the transmission cooler fittings to catch fluid that will leak out during removal. Have plugs ready to plug the cooler and cap the lines when they are removed.
8. Remove the dust shields from the transmission cooler fittings and remove the spring clip, or use a transmission line disconnect tool to remove the lines from the cooler. Plug the lines and cooler to minimize the amount of fluid that is spilled.
9. Remove the two (2) bolts securing the stock transmission cooler to the radiator and slide the cooler out of the mounts on the opposite side. Remove the cooler from the vehicle.
10. Transfer the clip from the bracket on the front center of the stock transmission cooler to the bracket on the Mishimoto transmission cooler.
11. Install the Mishimoto transmission cooler onto the vehicle in the same location as the stock cooler.

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**12.** Insert the two (2) supplied mounting brackets through the mounts on the radiator and secure them to the Mishimoto transmission cooler with the four (4) supplied M5 bolts, lock washers, and flat washers.



**13.** Attach the mounts on the other end of the cooler to the radiator with the two (2) bolts that were removed in Step 9.

**14.** Install the stock transmission lines into the fittings on the Mishimoto transmission cooler and re-install the dust shields.

**15.** Reverse Steps 1-6 to complete the installation.

**16.** Check the transmission fluid level and top off as needed before driving.

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

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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](http://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](http://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](http://www.p65warnings.ca.gov)