



# INSTALLATION GUIDE

**Primary Radiator Fits, 2018+ Jeep Wrangler JL & 2020+ Gladiator 2.0L/3.6L/3.0L**  
**SKU: MMRAD-JL-18**

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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)

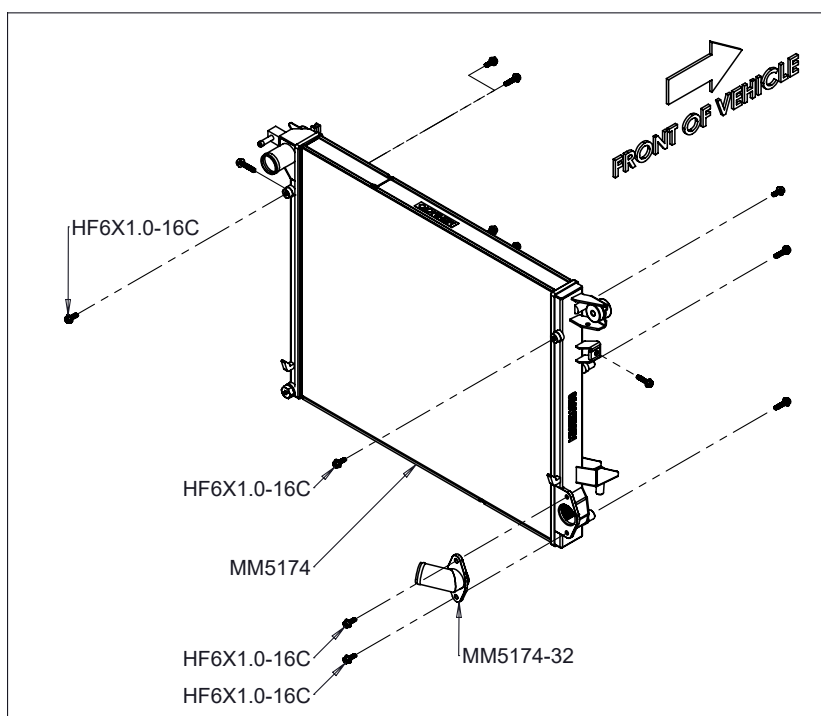
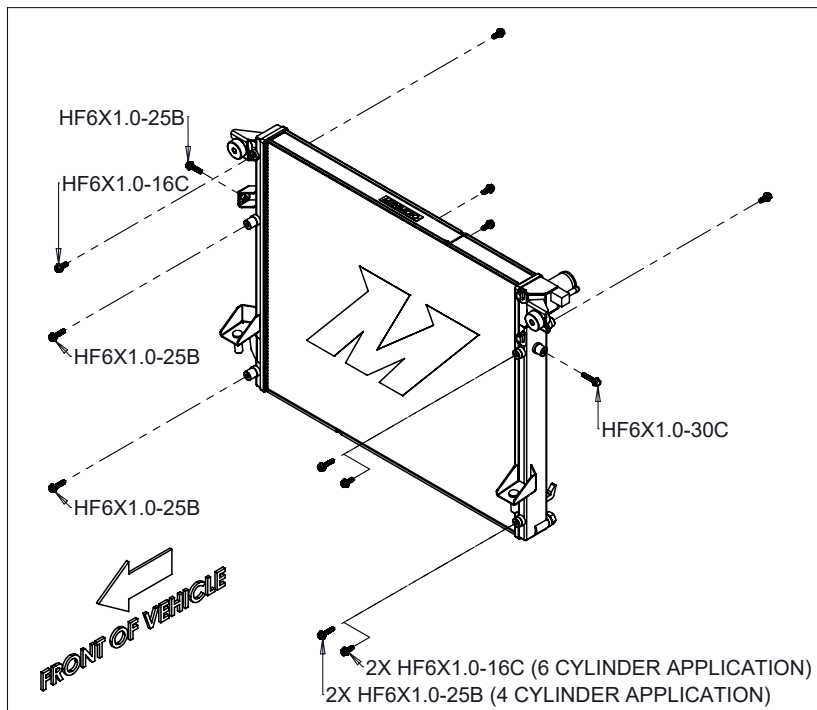


**ENGINEERING BLOG**

[WWW.MISHIMOTO.COM/ENGINEERING](http://WWW.MISHIMOTO.COM/ENGINEERING)

## PARTS BREAKDOWN

| PART NUMBER | DESCRIPTION | QTY |
|-------------|-------------|-----|
| MM5174      | RADIATOR    | 1   |
| MM5174-32   | OUTLET      | 1   |
| HF6X1.0-16C | 16MM BOLT   | 7   |
| HF6X1.0-25B | 23MM BOLT   | 5   |
| HF6X1.0-30C | 30MM BOLT   | 1   |





### 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

|             |                       |
|-------------|-----------------------|
| ¼ RATCHET   | T30 TORX              |
| ¼ EXTENSION | 10MM WRENCH           |
| 3/8 RATCHET | 8MM WRENCH            |
| 16MM SOCKET | PLIERS                |
| 10MM SOCKET | POP-CLIP REMOVAL TOOL |
| 8MM SOCKET  | FLAT HEAD SCREWDRIVER |
| T20 TORX    |                       |

**INSTALL TIME: 5 HOURS**

**INSTALL DIFFICULTY:**     

### INSTALLATION INSTRUCTIONS

1. Remove the stock radiator from the vehicle.
2. Transfer the lower bushings to the Mishimoto radiator.



3. Separate the fan shroud from the stock radiator and install it to the Mishimoto radiator using the provided hardware.

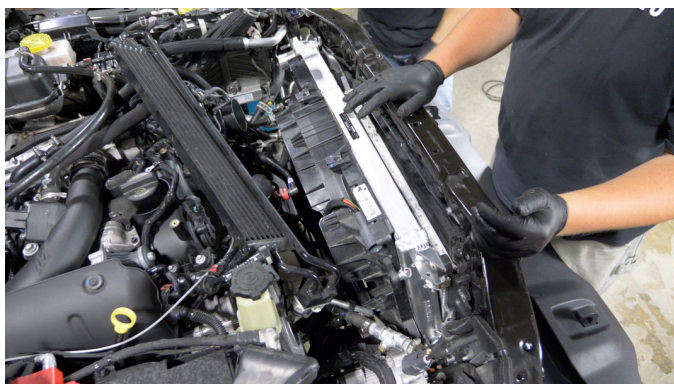
[2x HF6X1.0-16C] (Additional image on next page)



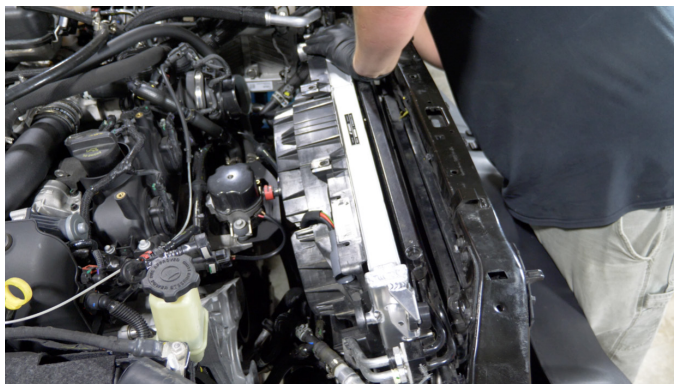
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4. Lower the Mishimoto radiator and fan shroud into the engine bay.



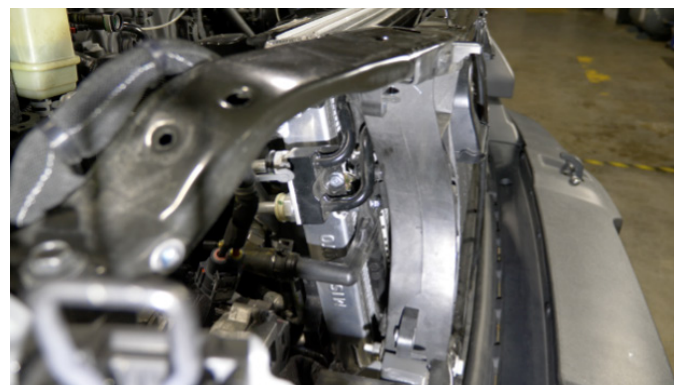
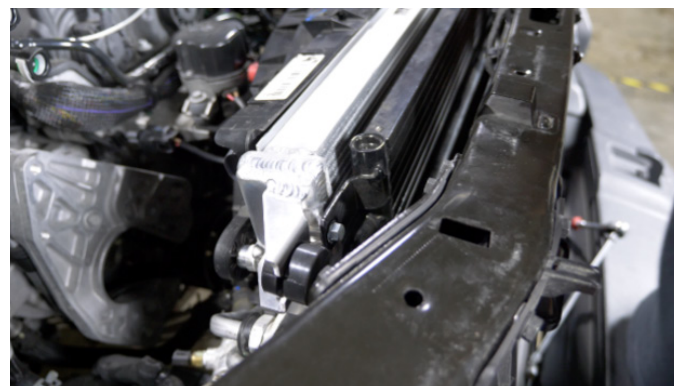
5. Reposition the transmission cooler and attach it to the radiator brackets.



6. If installing on a 4-cylinder vehicle, secure the low-temp radiator, AC condenser, and battery radiator to the Mishimoto radiator using the provided hardware. (4x HF6X1.0-25B bolts) If installing on a 6-cylinder vehicle, secure the AC condenser to the Mishimoto radiator using the provided hardware.

(2x HF6X1.0-16C, 2x HF6X1.0-25B)

7. Secure the transmission cooler to the radiator using the provided hardware. (1x HF6X1.0-16C, 1x HF6X1.0-25B)



8. Secure the AC condenser mount to the radiator using the longest 10mm bolt in your kit. (1x HF6X1.0-30C)



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**9.** Mount the radiator to the radiator support using the original hardware.

**10.** Install the radiator outlet onto the radiator. \*Image shown outside the vehicle for increased clarity, the radiator outlet will be installed to the radiator in the vehicle. (2x HF6X1.0-16C)



**11.** Connect the lower and upper radiator hoses as well as the overflow hose to the radiator.

**12.** Reinstall all the remaining previously removed parts.

**13.** Refill the coolant to the proper level.

**Congratulations! You have now finished the 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](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)