

INSTALLATION GUIDE

Dual Oil Cooler, Fits EVO X

SKU: MMOC-EVO-08

TABLE OF CONTENTS

- Pg 1** RESOURCES AND CONTACT INFORMATION
- Pg 2** IMPORTANT SAFETY INFORMATION
PARTS LIST
REQUIRED TOOLS
INSTALLATION INSTRUCTIONS
- Pg 6** DISPOSAL INSTRUCTIONS
WARRANTY INFORMATION

RESOURCES & CONTACT

-  **CALL 1-877-GOMISHI**
CUSTOMER SERVICE HOURS: MON-FRI 8:30AM-5:00PM EST
-  **MISHIMOTO**
-  **GOMISHIMOTO**
-  **MISHIMOTO**
-  **WEBSITE**
WWW.MISHIMOTO.COM
-  **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

PARTS LIST

- 04PC** | APPLICATION-SPECIFIC MOUNTING BRACKETS
- 02PC** | 19-ROW OIL COOLER
- 02PC** | STAINLESS STEEL BRAIDED HOSE W/10AN FITTINGS
- 02PC** | FEMALE-TO-MALE 90°-10AN FITTINGS
- 01PC** | FEMALE-TO-FEMALE-10AN FITTINGS
- 02PC** | BANJO FITTING W/BOLT -10AN, BLACK
- 01PC** | MOUNTING HARDWARE SET

REQUIRED TOOLS

- | | |
|-------------------------|----------------------|
| JACK+ JACK STAN OS | PANEL TOOL |
| SOCKET WRENCH | OIL |
| SOCKET EXTENSIONS | PHILLIPS SCREWDRIVER |
| 10MM SOCKET &/OR WRENCH | ADJUSTABLE WRENCH |

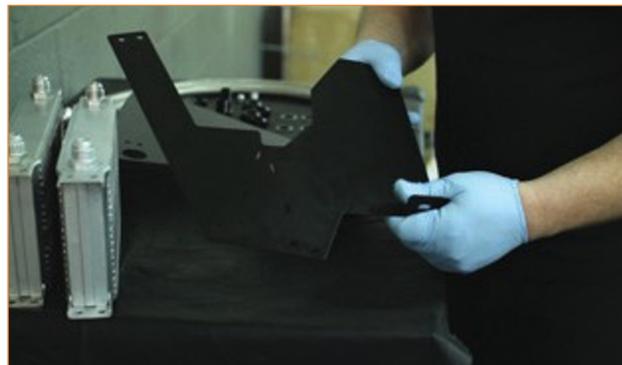
INSTALL TIME: 1.5 HOURS

INSTALL DIFFICULTY: 

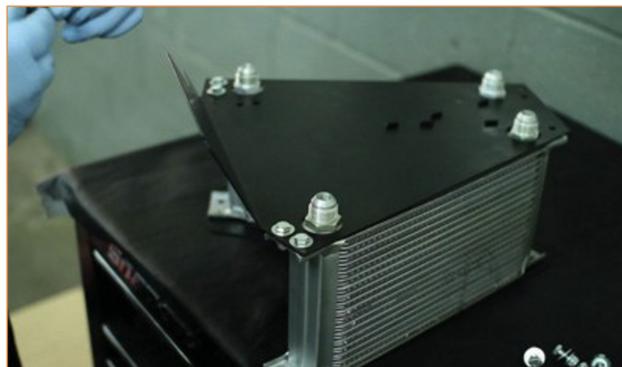
INSTALLATION INSTRUCTIONS

PREPARE DUAL PASS OIL COOLER FOR INSTALLATION

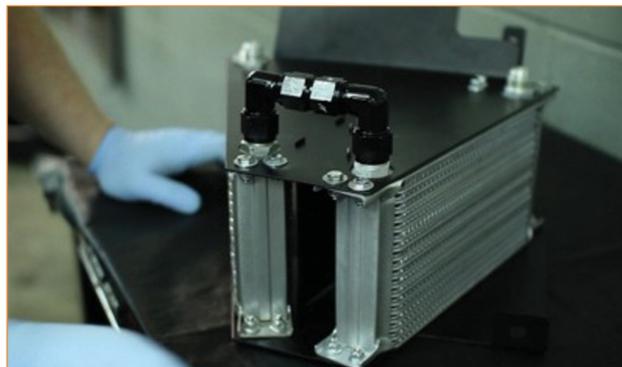
1. Lay the bottom plate flat and place the oil cooler cores in the proper position



2. Insert the center diversion bracket and mount the top plate on the oil coolers; the core should fit into their respective holes.



3. Attach the mounting brackets to the coolers using the 10mm bolts and nuts in the hardware set. Two bolts will be on each edge.

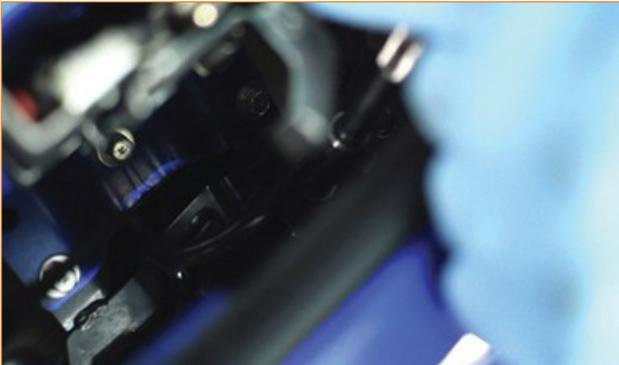


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4. Connect oil cooler cores using the included female-to-male and female-to-female -1DAN fittings. This should look similar to a handle

PREPARING THE VEHICLE FOR INSTALLATION

1. Raise the front of the vehicle and place it on Jack's stands.
2. Raise the vehicle's hood and remove the factory air diversion plate, which is held in with pop clips.
3. Remove the five 10mm screws connecting the front bumper to the frame. One is located below the hood release and can be seen in the photo.



4. Remove the three pop screws, found on the inside of both front wheel wells, connecting the front bumper to the quarter panel splash shields.



5. Remove the 10mm bolts on each side, holding the front bumper to the fender.

6. Remove the lower splash shields by removing the numerous pop clips and 10mm bolts securing them.



7. Remove the front bumper by pulling outward from where the fenders meet it. When it is released, a satisfying "pop" should be heard. When removing the front bumper, be sure to unplug fog lamp harnesses if your vehicle is equipped with them.

8. Next, locate and remove the stock oil cooler assembly on the passenger side below the headlamp. It is secured to the frame by four 10mm bolts.

9. Remove the two factory banjo bolts that connect under the oil filter block. You should now be able to remove the stock oil cooler and lines.

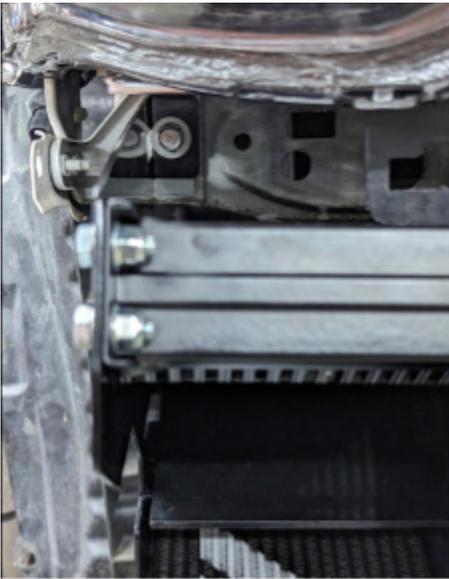
INSTALLING THE MISHIMOTO OIL COOLER

1. First, remove the 10mm crash-beam bolt on the passenger side, as shown below. This will be used to secure the Mishimoto Oil Cooler.



2. Attach the braided lines to the Mishimoto Oil Cooler but do not tighten them. The longer line goes to the top of the oil cooler.

3. Mount the oil cooler to the frame. The bracket will fit inside the crash-beam frame and line up with the bolt hole. Install the other mounting bolt below the headlight.



4. Adjust the bracket so the upper fitting does not contact the frame.



5. Remove the 10mm bolts on each side, holding the front bumper to the fender.



6. Remove the lower splash shields by removing the numerous pop clips and 10mm bolts securing them

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7. Install the two-line stays and adjust the lines to not rub on anything.



8. Ensure no parts are rubbing, and then tighten all connections.

FINALIZE THE INSTALL

1. In reverse order, reinstall the factory splash shields with pop clips and 10mm bolts.
2. In reverse order, reinstall the front bumper and air diversion plate.

3. Start the vehicle and check for any warning lights on the dash as well as for leaks from the vehicle.

4. Shut the vehicle off and check the oil level. The dual-core oil coolers' extra capacity might require you to add oil.

5. Congratulations! You have successfully installed the Mishimoto EVO X Dual Oil Cooler Kit.



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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

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