

MITSUBISHI EVOLUTION X DIRECT FIT DUAL OIL COOLER KIT

PARTS LIST AND INSTALLATION GUIDE

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

TOOLS NEEDED

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

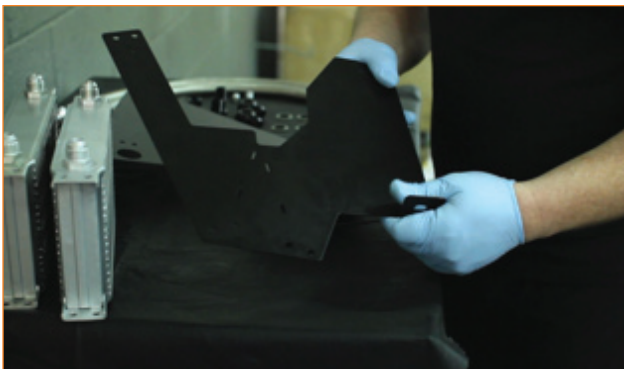
DISCLAIMER

- Please dispose of any liquids properly.
- Allow vehicle to cool completely prior to attempting installation.
- Mishimoto Performance is not responsible for any vehicle damage or personal injury due to installation errors, misuse, or removal of MP products.
- Do not run the engine or drive the vehicle while overheating. Serious damage may occur.
- Raise vehicle only on jack stands or on a vehicle lift.
- MP always suggests that a trained professional install all MP products.

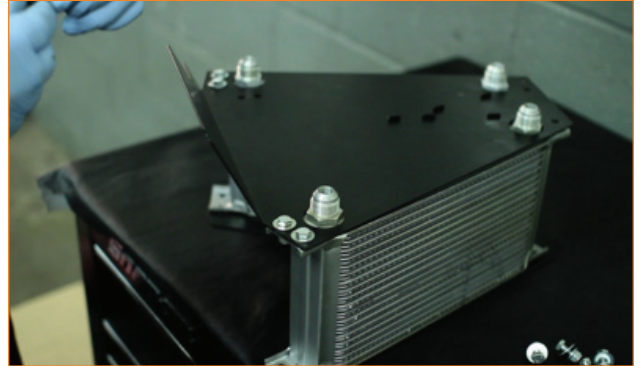
INSTALLATION INSTRUCTIONS

01 | PREPARE DUAL PASS OIL COOLER FOR INSTALLATION

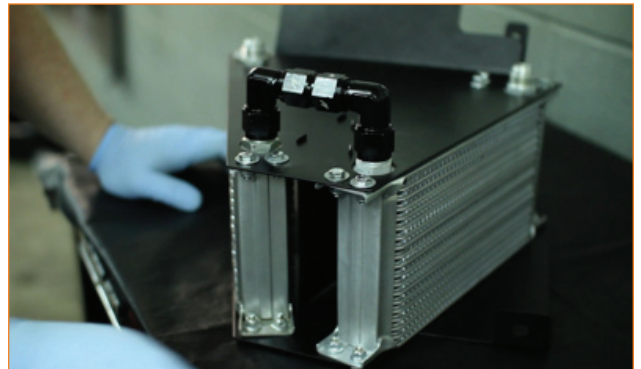
1. Lay bottom plate flat, and place oil cooler cores in the proper position.



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 found in the hardware set. Each edge will have two bolts.
4. Connect oil cooler cores, using the included female-to-male and female-to-female -10AN fittings. This should look similar to a handle when finished.



02 | PREPARING THE VEHICLE FOR INSTALLATION

1. Raise front of vehicle and place on jack stands.
2. Raise the hood of the vehicle and remove the factory air diversion plate, which is held in with pop clips.

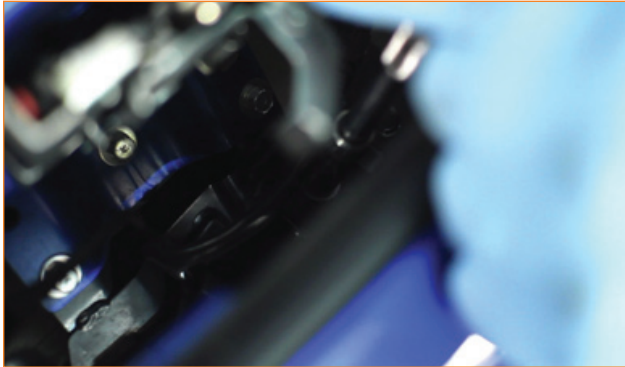
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01

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02 | INSTALL PREP CONTINUED

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, one 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 the area where the fenders meet the bumper. A satisfying "pop" should be heard when it is released. When removing the front bumper, be sure to unplug fog lamp harnesses if your vehicle is equipped with them.

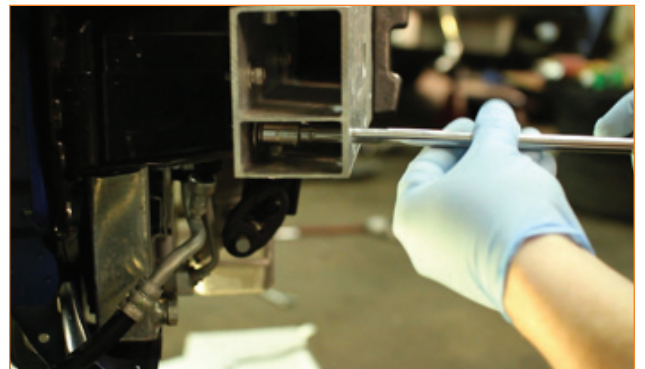
8. Next, locate and remove the stock oil cooler assembly, located on the passenger side, below the headlamp. It is secured to the frame by four 10mm bolts.



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.

03 | 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 and tighten them. The line with 90-degree fittings will be located on top, while the straight line will be mounted below.

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02

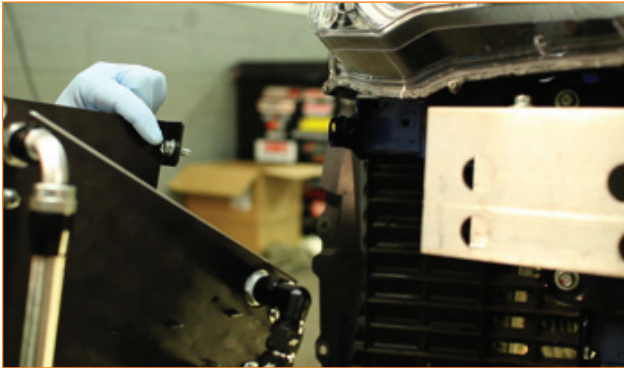
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INSTALLATION GUIDE

03 | INSTALLING THE OIL COOLER CONTINUED

3. These lines are then routed over the frame to the oil filter block. Connect these lines to the oil filter block using the supplied banjo bolts, but leave them loose for now.

4. Mount the oil cooler to the frame. The bracket will fit inside the crash-beam frame and line up with this bolt hole, as shown below. Secure both 10mm bolts holding the bracket to the frame of the vehicle.



5. Tighten the connections of the braided lines at the oil cooler block.

04 | FINALIZING 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, check for any warning lights on the dash as well as for leaks from vehicle.
4. Shut the vehicle off and check the oil level. You might need to add oil because of the extra capacity of the dual core oil coolers.
5. Congratulations! You have successfully installed the Mishimoto EVO X Dual Oil Cooler Kit.

