EVO X Front Mount Intercooler

01/27/11

Thank you for purchasing the PERRIN EVO X FMIC. Only persons experienced in the installation and proper operation of intercooler and body systems should perform installation of these parts. ***Please read through all the instructions before performing the installation.***

WARNING: This part is designed, manufactured, and sold solely for use on off-road and racing vehicles not controlled by federal and or local emissions laws. It is not intended for use on vehicles that operate on public streets and highways. Use of this part on emissions controlled vehicles may be in violation of federal or local law! ASMC, LTD. is not responsible for any damages as a result of misuse of this part. Check your local laws prior to use or installation.

SPECIAL NOTES:

- Keep track of all the 10mm bolts and plastic pop-it fasteners when removing bumper skin.
- It helps to have a second person to help remove bumper skin once bolts are all removed.

Parts Included with the PERRIN EVO X:

- **(1) EVO X Intercooler**
- **(4) Size 288 PERRIN T-bolt Clamps**
- **(2) 2.5"ID 4" Long PERRIN Silicone Couplers**
- **(2) M6x25 button head screw**
- **(4) M6 washers**

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FMIC INSTRUCTIONS:

1) Intercooler can be installed while vehicle is on the ground, but we highly recommended lifting front of car off ground. Make sure to support car with jackstands. Never support car solely with a Jack.
2) Open hood, locate and remove (5) 10mm bolts holding upper bumper to chassis. One of these bolts is behind the upper grill. Next to this screw is a plastic pop-it connector.
3) Remove (2) 10mm bolts next to lower grill on front bumper. These are also painted black.
4) Remove (3) pop-it connectors and (1) screw securing bumper to fender located In each wheel well.
5) Remove (6) 10mm screws and (10) plastic pop-it connectors from lower bumper under car.
6) Remove bumper cover from car, by pulling on each side a little a time (this helps to have a second person helping). There are 2 large plastic clips holding bumper on, which need a good tug to remove.
7) As bumper is removed from car, disconnect fog light harness. Plug located behind upper grill as bumper is pulled off.
8) Locate and remove hose clamps securing couplers to OEM intercooler. Using a bent awl or similar tool, try to stretch couplers out to help remove from intercooler and boost tubes.
9) Locate left and right hangers on sides of intercoolers. Locate and remove bolts holding brackets to bumper beam.
10) Slide off rubber hangers from intercooler.
11) Remove bolts securing lower portion of intercooler to chassis.
12) Remove intercooler from car. NOTE: it helps to remove the upper intercooler pipe bolts (2- 12mm bolts) and also the 12mm bolt on drivers side of car.
13) Install PERRIN FMIC to the general location. When installing the intercooler to the car, carefully bend down the plastic splash guard to allow bracket to clear when putting it up into the car.
14) Slide rubber hangers over PERRIN intercooler brackets making sure to install left to left side and right to right side.
15) Bolt left and right hangers to bumper beam and loosely install supplied bolts/washers through lower bracket into chassis.
16) Install supplied couplers and clamps to intercooler inlet and outlet. Slide OEM boost tubes into coupler and tighten T-bolt clamps. Make sure to install clamp behind bead on boost tube and on intercooler.
17) Install OEM boost tube bolts back into chassis and snug lower intercooler bracket.
18) Install bumper to car temporarily to check intercooler is centered in opening.
19) If intercooler isn't quiet centered, remove bumper cover and adjust intercooler by loosening clamps and sliding intercooler left and right. Also loosening lower bracket will help some.
20) Once intercooler is in desired position, reinstall bumper cover making sure to install all fasteners removed earlier.

PERRIN Performance Highly Recommends These Complimentary Products:

- PERRIN 3" Turboback Exhaust
- PERRIN EVO PSRS system
- PERRIN Stage 1 or 2 ECU Tuning

For questions & comments please contact
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