

# 2008+ MITSUBISHI LANCER EVOLUTION X INTERCOOLER PIPE KIT PARTS LIST & INSTALLATION GUIDE



## PARTS INCLUDED

- 2PC** Polished Aluminum Pipes
- 3PC** Silicone Couplers
- 10PC** 2.75" T-Bolt Clamps
- 2PC** 3" T-Bolt Clamps
- 1PC** CARB EO Sticker

## TOOLS NEEDED

- Ratchet
- Ratchet Extension
- 10mm Socket
- 12mm Socket
- Flat Head Screwdriver
- 12mm Wrench
- Pop-Clip Pliers

**INSTALL TIME** 3 Hours

**INSTALL DIFFICULTY** 5 wrench icons: 3 orange, 2 grey.

## DISCLAIMER

- 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.
- Mishimoto suggests that a trained professional install all Mishimoto products.

## INSTALL PROCEDURE

1. Disconnect the negative terminal on the battery located in the trunk.
2. Remove the three lower splash shields under the vehicle. (6x 10mm bolts, 10x pop-clips)

3. Unbolt the front bumper from the wheel wells. (3x pop-clips, 1x 10mm bolt)



4. Disconnect the MAF sensor, and then remove the airbox from the diversion plate. (2x pop-clip screws)



5. Remove the bolt that secures the airbox. Loosen the clamp where the intake hose meets the airbox. Then remove the airbox from the engine bay. (1x 10mm bolt, 1x 10mm clamp)



6. Remove the diversion plate. (3x pop-clips)

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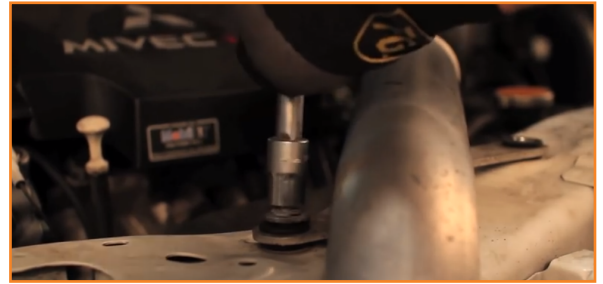
7. Unbolt the front bumper from the support bracket. (5x 10mm bolts)



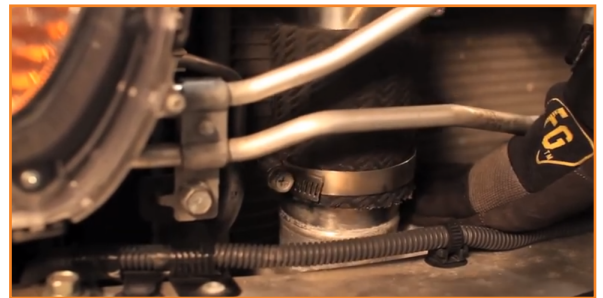
8. Remove the bolts on the front grille mounting points. Next, disconnect the fog light harness and remove the hardware. (2x 10mm bolts, 1x pop-clip)
9. Pull the edges of the front bumper to separate it from the fender. Once both sides are free, pull the front bumper off the vehicle.



10. Separate the upper intercooler pipe from the upper radiator support. (2x 12mm bolts)



11. Loosen the clamp where the upper intercooler pipe meets the intercooler. Slide the pipe off the intercooler end tank.



12. Loosen the intercooler pipe from the turbo inlet, and then slide the pipe off the turbo.
13. Transfer the rubber grommets from the stock pipe to the Mishimoto pipe.



14. Install couplers to the intercooler pipes. (2x T-bolt clamps)
15. Install the upper intercooler pipe with couplers to the intercooler and turbo inlet. (2x T-bolt clamps)

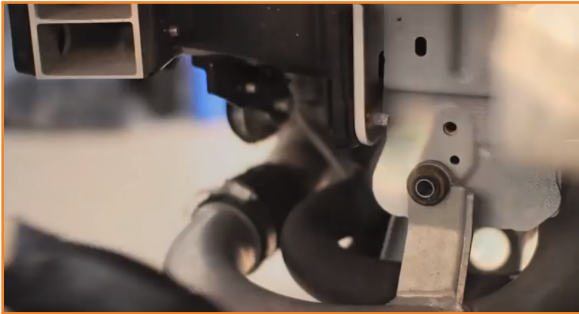
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## 2008+ MITSUBISHI LANCER EVOLUTION X INTERCOOLER PIPE KIT INSTALLATION GUIDE



16. Separate the lower intercooler pipe from the intercooler end tank. Once you loosen the clamp, you must remove the bolt on the lower mounting point. (1x worm gear clamp, 1x 12mm bolt)



17. Unbolt the lower intercooler pipe from the airbox mounting plate. The entire airbox mounting plate for this step can be removed to make the installation easier but is not required. (1x 12mm bolt)



18. Separate the blowoff hose from the intercooler pipe. Disconnect the pipe from the throttle body. The pipe should be completely free at this point, so remove it from the vehicle.



19. Assemble the intercooler pipe before installation. (2x T-bolt clamps)



20. Install the pipe along with one of the included couplers to the intercooler. (2x T-bolt clamps)
21. Tighten all the pipe and coupler connections before going on to secure the lower intercooler pipe's mounting point. (1x 12mm bolt)
22. Connect the lower intercooler pipe to the throttle body. (1x T-bolt clamp)
23. Install the blowoff hose to the intercooler pipe.
24. Reinstall the airbox assembly. (1x 10mm bolt, 1x worm gear clamp)
25. Reconnect the MAF sensor.
26. Reattach the front bumper.
27. Secure the top of the front bumper to the radiator support. (5x 10mm bolts)
28. Reconnect the fog light harness and secure it with the pop-clip. (1x pop-clip)
29. Secure the grille mounting points. (2x 10mm bolts)
30. Engage the sides of the bumper.
31. Reinstall the air diversion plate. (3x pop-clips)
32. Reconnect the airbox to the air diversion plate. (2x pop-clips)
33. Reinstall the lower splash shields. (6x 10mm bolts, 10x pop-clips)
34. Reconnect the negative battery terminal.
35. Please place the included CARB EO sticker in a clean, visible location.

**Congratulations! You have finished installing the Mishimoto 2008+ Mitsubishi Lancer Evolution X Intercooler Pipe Kit.**