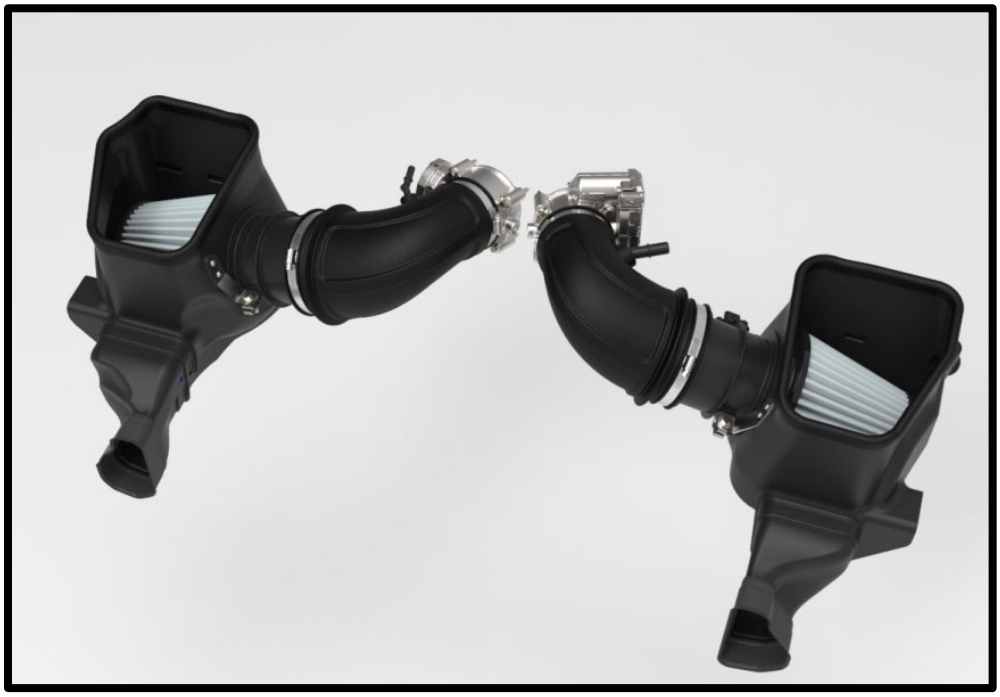
WHIPPLE PERFORMANCE UPGRADE INSTALLATION MANUAL

2024-2026 S650 FORD MUSTANG
PN: 50-70057, 50-70058, 50-70059



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Model Year 2024-2026 CARB EO D-231-156

INTRODUCTION

Before beginning installation, please read this manual and important notes:

- Please read the installation manual and verify that all items are present. If you are missing hardware or have any questions, please contact your dealer or Whipple before you start installation.
- Premium fuel (US 91-93 octane) RON+MON/2 is required to achieve optimum results.

RECOMMENDED TOOLS AND SUPPLIES

The following items are not included in this kit and it is strongly recommended that they're used for ease of installation or maximum performance:

Tools

¼" ratchet with 4" or similar extension
T20 torx, 3mm allen socket or similar
7mm, 8mm, 10mm sockets
5/16" nut driver or socket
Small wire cutters
Trim removal tool
Flat head screwdriver

SAFETY PRECAUTIONS



CAREFULLY READ THE IMPORTANT SAFETY PRECAUTIONS AND WARNINGS BEFORE PROCEEDING WITH THE INSTALLATION!

Appropriate disassembly, assembly methods and procedures are essential to ensure the personal safety of the individual performing the kit installation. Improper installation due to the failure to correctly follow these instructions could cause personally injury or death. Read each step of the installation manual carefully before starting the installation.

- Always wear safety glasses for eye protection.
- Place the ignition switch in the off position.
- Always apply the parking brake when working on vehicle.
- Block the front and rear tire surfaces to prevent unexpected vehicle movement.
- Operate the engine only in well-ventilated areas to avoid exposure to carbon monoxide.
- Do not smoke or use flammable items near or around fuel system.
- Use chemicals and cleaners only in well-ventilated areas.
- Batteries can produce explosive hydrogen gas which can cause personal injury. Do not allow flames, sparks or flammable sources to come near the battery.
- Keep hands and any other objects away from the radiator fan blades.
- Keep yourself and your clothing away from moving parts when the engine is running.
- Do not wear loose clothing or jewelry that can be caught in rotating or moving parts.

WARNING

*****NOTICE**: Installation of Whipple Supercharger products signifies that you have read this document and have agreed to the terms stated within.*

It's the purchaser's responsibility to follow all installation instruction guidelines and safety procedures supplied with the product as it's received by the purchaser to determine the compatibility of the product with the vehicle or the device the purchaser intends to install the product on.

Whipple Superchargers assumes no responsibility for damages occurring from accident, misuse, abuse, improper installation, improper operation, lack of reasonable care or all previously stated reasons resulting from incompatibility with other manufacturer's products.

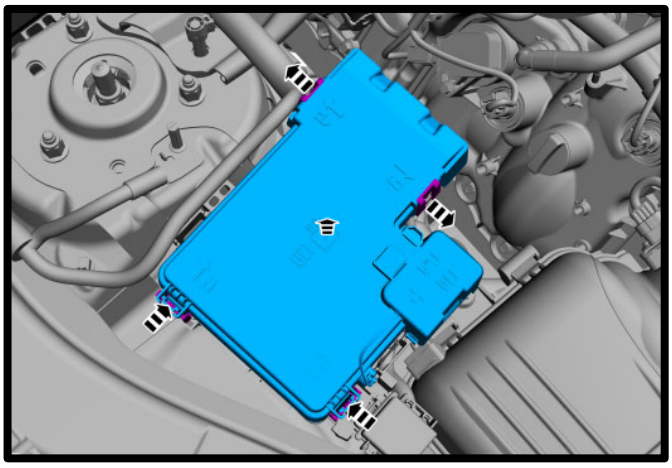
There are no warranties expressed or implied for engine failure or damage to the vehicle in any way, loss of use or inconvenience or labor reimbursement. This includes merchantability and fitness.

The information contained in this publication was accurate and in effect at the time the publication was approved for printing and is subject to change without notice or liability. Whipple Superchargers reserves the right to revise the information presented herein or to discontinue the production of parts described at any time.

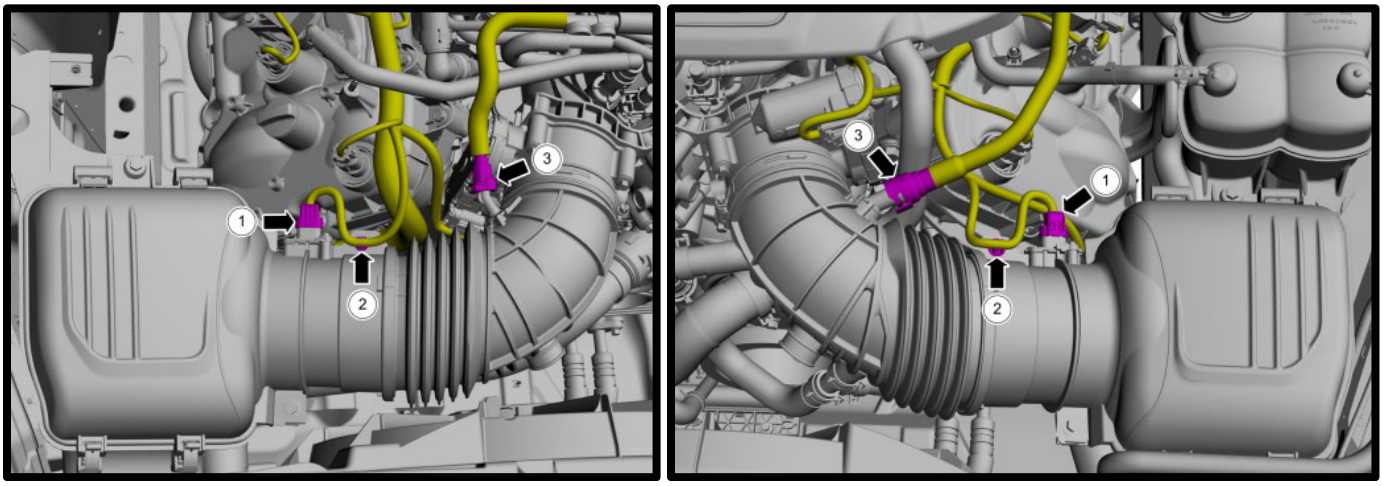
INSTALLATION INSTRUCTIONS

It is strongly recommended that you read through this guide **before** you begin installing your performance parts.

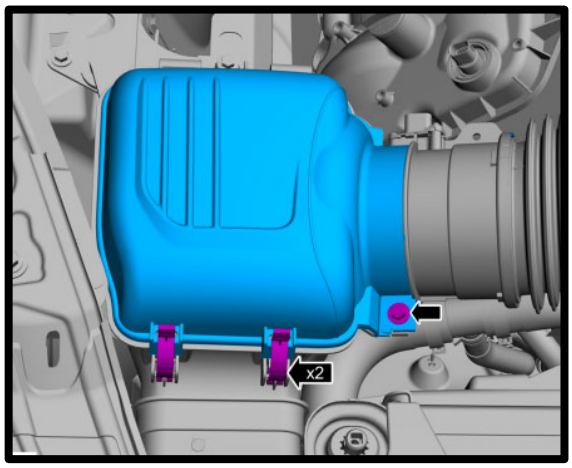
1. Release the tabs and remove the fuse box cover.



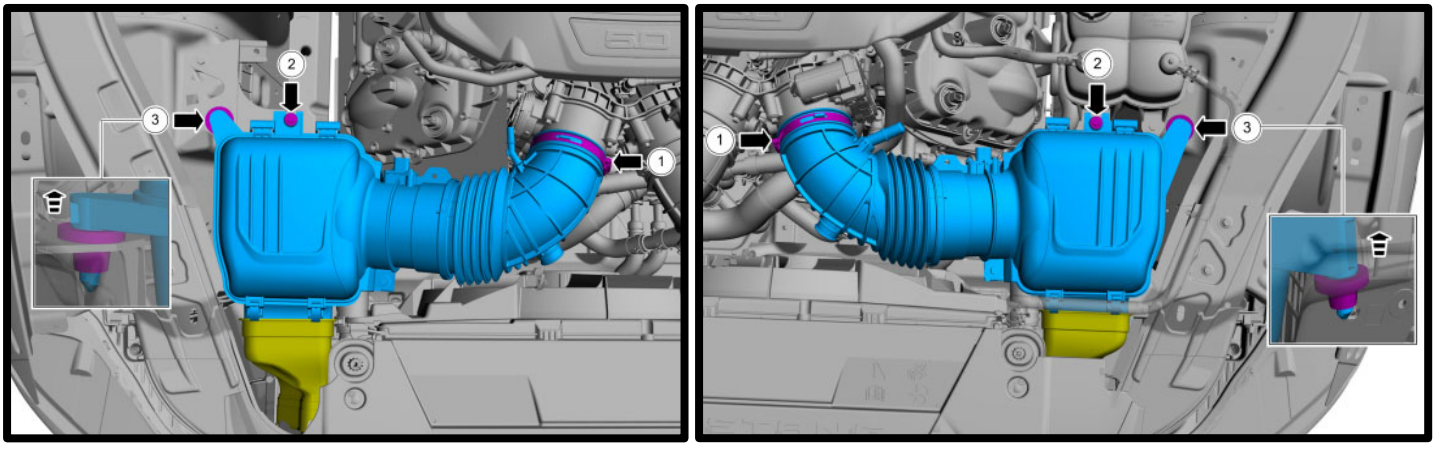
2. Disconnect the MAF sensors, MAF sensor retainers and remove make up air hose from air tubes.



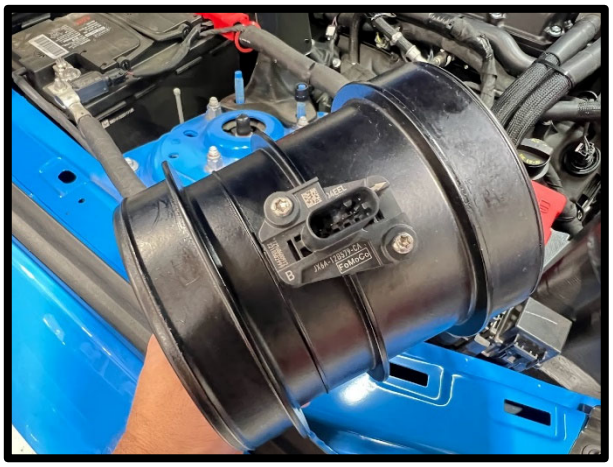
3. Remove the airbox lid bolt using a 10mm socket. Release the locking tabs and remove the airbox lid.



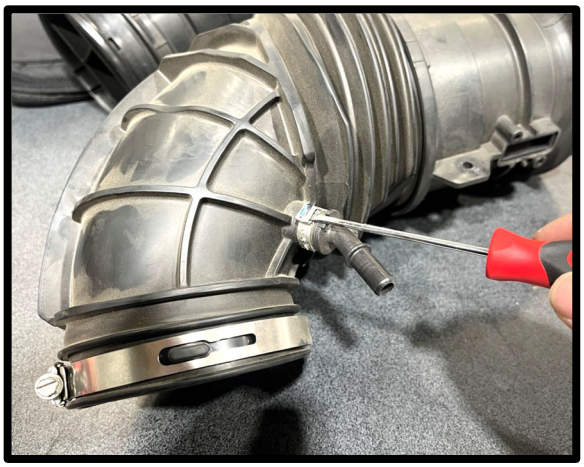
4. Loosen the hose clamps from throttle bodies using nut driver. Remove the air cleaner bolts. Detach the air cleaner boxes from grommets and remove the air cleaner assemblies.



5. Remove the MAF sensor using a 10mm socket. Install factory MAF sensors to the new MAF housing using supplied (4x) 4mm x 10mm SHCS. Torque to 17 lbs-in. ****DO NOT USE STOCK BOLTS**. *NOTE: Verify arrow position for airflow direction.**

6. Using a small flat head screwdriver, remove the clamp securing fitting in air inlet tube. Using flat head screwdriver, remove the stock plastic fittings from air inlet tubes.




7. Install the stock fittings into the supplied inlet tube, orient them in the same stock positions by lining up the gaps.




8. Remove stock airbox snorkel from air cleaner assemblies. Transfer to new airboxes.



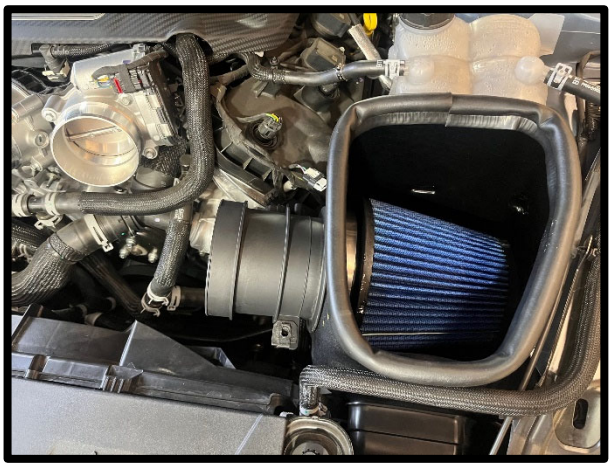

9. Install the airbox trim seal pieces to the new airbox top flange. Start in the middle, rear of box for a clean installation. **NOTE:** RH requires trim seal to be shortened ½" using cutting shears.



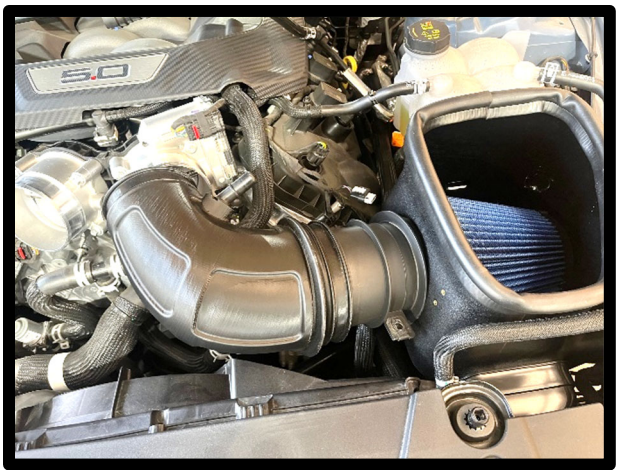

10. Set new airbox with snorkels into factory locations.



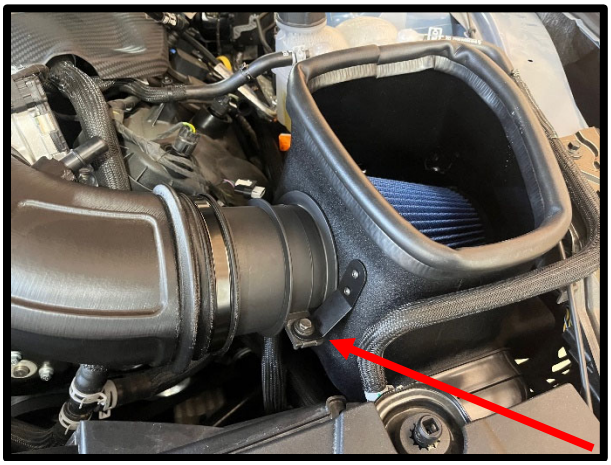

11. Set the air filter into the airbox, slide MAF housing through airbox. Slide the air filter over MAF housing. Secure with supplied clamp using 5/16" nut driver.

12. Install new air inlet tube from MAF to throttle body. Leave loose for now.



13. Install MAF housing bracket to airbox, using the (2x per) 4mm x 6mm bolts and 3mm allen. Secure MAF housing to bracket using stock fastener and 10mm socket.

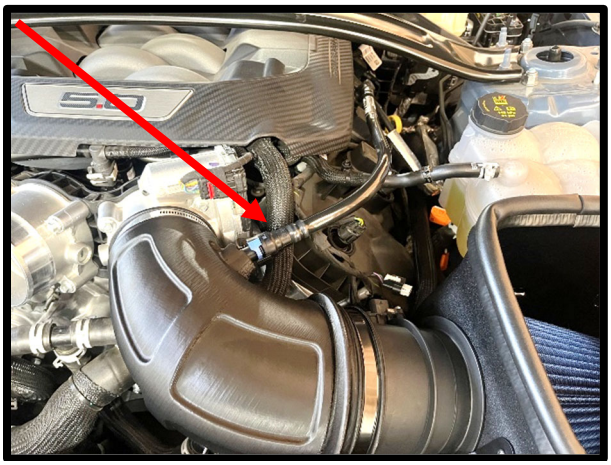



14. Secure air inlet tube to MAF using #80mm hose clamps. Secure air inlet tube to throttle body using #64mm hose clamps.



15. Reconnect factory PCV and fresh air connections to air inlet tube fittings.





16. Reinstall factory fuse box cover.

17. Reconnect factory MAF sensor connectors.

18. **Install supplied emissions CARB EO label to the hood next to the factory emissions (VECI) label. The installation of the CARB EO label is required for California's Smog Check program.**

MAINTENANCE AND SERVICE

Be sure to follow the maintenance and service recommendations below to optimize the life and performance of your upgraded vehicle.

1. Service or replace high-flow air filter element every 10,000 miles. Whipple oiled filter required.
2. Follow your factory service intervals for all maintenance items unless specified.