

Ford Fusion Front Mount Intercooler

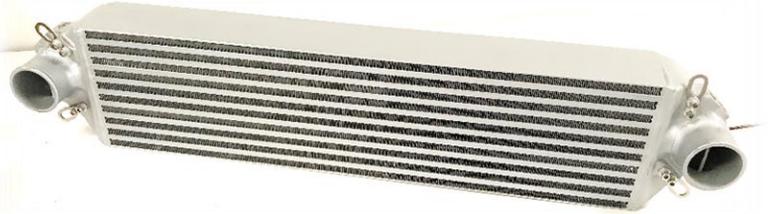
Instructions for parts #555-3702

Tools Needed:

1. T-20, T-27, and T30 Torx
2. ¼" Drive Ratchet
3. 7mm, 8mm, and 10mm Socket
4. 5mm Allen Wrench
5. Flat Head Screwdriver

Removal of Factory Intercooler:

1. Raise and safely support the vehicle.
2. Remove the front wheels.
3. Using the T30 Torx driver, remove the belly pan from the under side of the engine compartment. Image 1.
4. Remove the bolts holding the plastic shield in place under the intercooler using an 7mm socket. Images 2 and 3.



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5. On each side, remove the plastic clips attaching the bumper to the fender liner. Image 4.

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6. Disconnect the bumper where it meets the fender by loosening the two 10mm bolts holding the bracket. Image 5.

7. Remove the push-pins and T-20 Torx bolts on the radiator cover. Image 6.

8. Pull the bumper away from the vehicle carefully.

9. Disconnect the wiring harnesses connected to the front bumper.

10. Remove the plastic radiator shroud by unbolting the 10mm bolts and removing the push-pins next to the hood latch mechanism. NOTE: If equipped with active grille shutters, the center linkage arm will need to be disconnected as well.



11. Loosen the hose clamps and pull the stock hoses off of the intercooler using the 7mm socket.

12. Disconnect the MAP wiring harness from the intercooler.

13. Remove the 8mm bolts securing the intercooler into the car. Slide the intercooler down and out of the car.



Installation of the Front Mount

Intercooler:

1. Install the provided brackets and hardware for mounting the intercooler. Image 8.
2. Remove the grommets from the factory intercooler and install them into the slotted portion of the bracket.
3. Use a T27 Torx to remove the MAP sensor from the stock intercooler.
4. Install the MAP sensor into the Steeda intercooler using a 5mm allen key and the supplied M6 bolt. NOTE: Install the sensor on the same side as your factory intercooler. Use the provided block-off plate on the opposite side. Image 9.
5. Raise the Steeda intercooler into the vehicle. Image 10.
6. Install the factory bolts.
7. Slide the intercooler hoses onto the end tanks and tighten down the factory hose clamps. Reconnect the MAP sensor harness.
8. Reinstall all items that were removed or disconnected in the reverse order. NOTE: The lower cover that attaches to the active grille shutters will not be reattached.
9. Enjoy. Thanks for choosing Steeda, where Speed Matters!

