

2011-2014 FORD F-150 / 2010-2014 FORD RAPTOR TRANSMISSION COOLER PARTS LIST & INSTALLATION GUIDE



PARTS INCLUDED

- 1PC** Mishimoto Tube-and-Fin Transmission Cooler
- 2PC** Worm Gear Clamps
- 1PC** Note Card for Trimming Stock Hose

TOOLS NEEDED

Pliers
Hose Cutter
Flat Head Screwdriver

INSTALL TIME 30 Minutes

INSTALL DIFFICULTY Five wrench icons in a row, with the first one highlighted in orange, indicating a difficulty level of 5.

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. Press on the bracket that secures the stock transmission cooler to release it. Slide the cooler free on the opposite side.
2. Compress the clamp on the transmission cooler's upper hose and slide the clamp up along the hose. Remove the upper hose from the transmission cooler. Have a bucket ready to catch residual fluid. (1x spring clamp)



3. Lift the transmission cooler to allow for some of the fluid to drain back.
4. Compress the clamp on the transmission cooler's lower hose and slide the clamp down along the hose. Remove the lower hose from the transmission cooler. (1x spring clamp)



5. Secure the Mishimoto transmission cooler behind the plastic brackets.

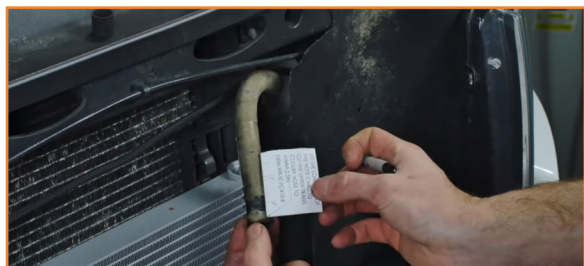


6. Install the lower transmission cooler hose. Secure the hose with the provided clamp. (1x worm gear clamp)
7. Use the card included in your kit to mark 2 1/2" up from the open end of the upper hose.

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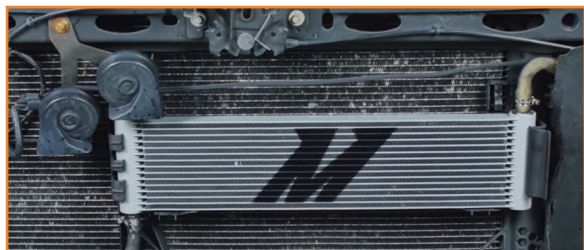
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8. Cut the upper transmission hose where you made your mark.



9. Install the upper transmission cooler hose. Secure the hose with the provided clamp.
(1x worm gear clamp)
10. Fill the system to the proper level with transmission fluid.



Congratulations! You have finished installing the Mishimoto 2011-2014 Ford F-150 / 2010-2014 Ford Raptor Transmission Cooler.