Installation Instructions

FMIC

1994-97 Ford F250 F350 7.3L Power Stroke

Front Mount Intercooler Kit
FMIC
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INTRODUCTION: Thank you for your purchase of the new front mount intercooler kit (FMIC) from CXRacing for your 1994-97 Ford F250 F350 7.3L Power Stroke

Installation Instructions

Ford 1994-97
Powerstroke Diesel 7.3
Factory non intercooled models

1. Remove front bumper, lower valance, Grill assembly, headlights and head light/grill support

2. Mark the front support bracket even with bottom of hood latch assembly. Next remove the support and cut it along marked line.
3. Discard lower portion of the support. Reinstall hood latch assembly along with trimmed support.

4. Remove both lower AC condenser brackets.
5. Install supplied new aluminum brackets. You will need to drill a mounting hole for each bracket. Use a small piece of plywood or metal to protect radiator from being damaged by the drill bit during this process.
6. Cut off studs located below ac condenser mounts for intercooler clearance.

7. Mark both left and right side radiator support brackets at about 2" from the top as shown in the picture.
8. Next remove both left and right radiator side support brackets and cut along marked line as shown in picture. Then re install both brackets in their original location.
9. Install the intercooler using supplied aluminum bracket as shown in picture. Use original outside mounting bolts of the hood latch mount to secure the bracket to the radiator support.

10. Install lower cooler mounts and drill mounting holes in the radiator support. Be sure to protect the radiator from puncturing using small piece of plywood or metal as shown in picture.

11. Install the original power steering cooler using supplied aluminum bracket.
You will need to drill two mounting holes in the frame rails to secure the bracket as shown in the photo.

12. On two wheel drive models only you will need to install the sway bar spacer to gain clearance for the bottom of the intercooler as shown in the image below.

13. Next install silicone elbow adapters as shown in the photo and mark where additional clearance cuts are necessary. Be sure to protect the cooler from metal shavings falling inside its opening.
14. Next remove the original high pressure manifold from the engine and install new “cold” manifold tube using supplied couplers and clamps. At this time only snug the mounting brackets and clamps as shown in the photo.

15. Install the new turbo pressure discharge tube using supplied mounting bracket and V-band clamp. Be sure to re install the sealing O-ring at the turbo flange!
16. install remaining tubes as shown in photos below and tighten all clamps and mounting bolts
17. Re install headlight/grill support grill and bumper assembly. You will need to clearance parts that come in contact with the intercooler assembly as needed.

18. Final installation photos
19. Enjoy the improved performance and dramatic drop in charge temperatures with your new FGMIC from CXRacing.