



Installation Instructions

1994-1997 Ford F250, F350 7.3L Powerstroke

Intercooler Kit

www.shop.fullforcediesel.com

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



Step 2 - Mark the front support bracket even with bottom of hood latch assembly.
Next remove the support and cut it along marked line.



Step 3 - Discard lower portion of the support. Re install hood latch assembly along with trimmed support.



Step 4 - Remove both lower AC condenser brackets.



Step 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.



Step 6 - Cut off studs located below ac condenser mounts for intercooler clearance.



Step 7 - Mark both left and right-side radiator support brackets at about 2" from the top as shown in the picture.



Step 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.



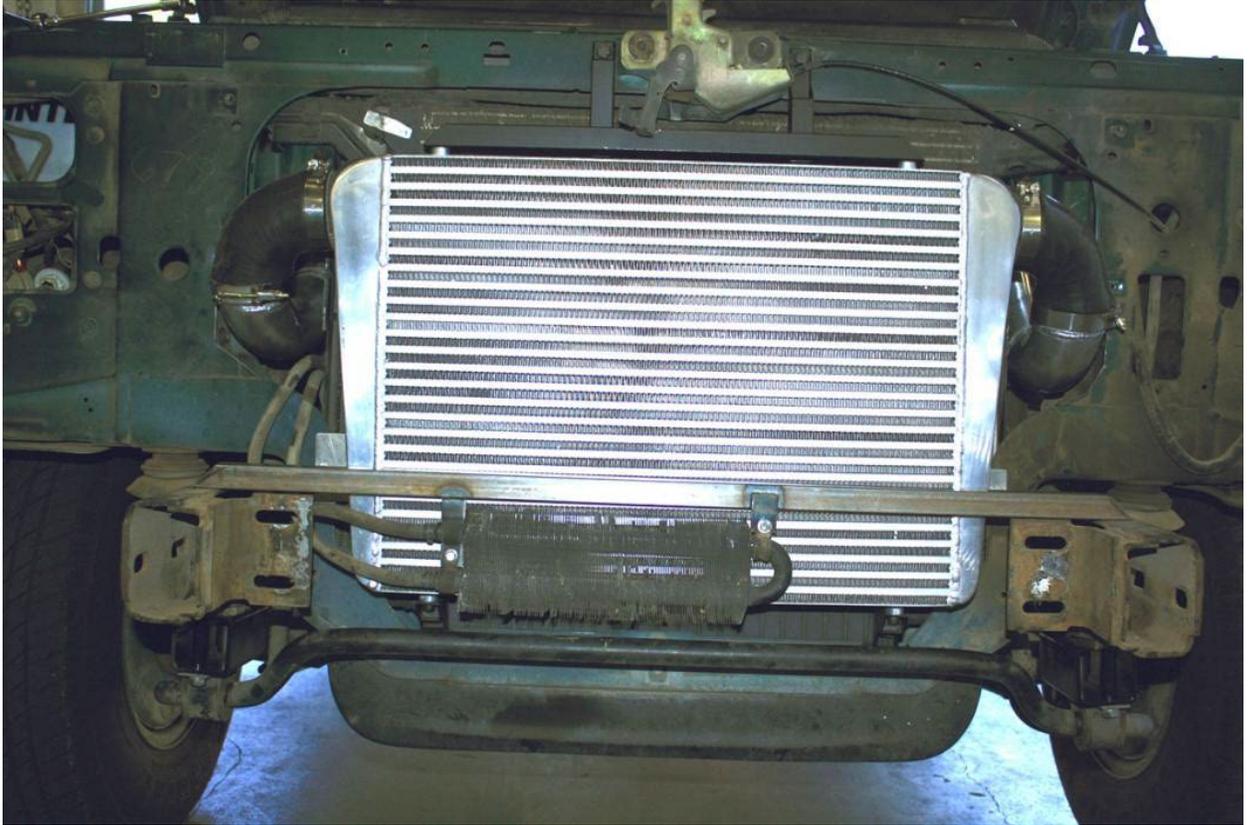
Step 9 - Install the intercooler using supplied aluminum bracket as shown in picture. use original outside mounting bolts of the hood latch mount to secure the bracket to the radiator support.



Step 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.



Step 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.

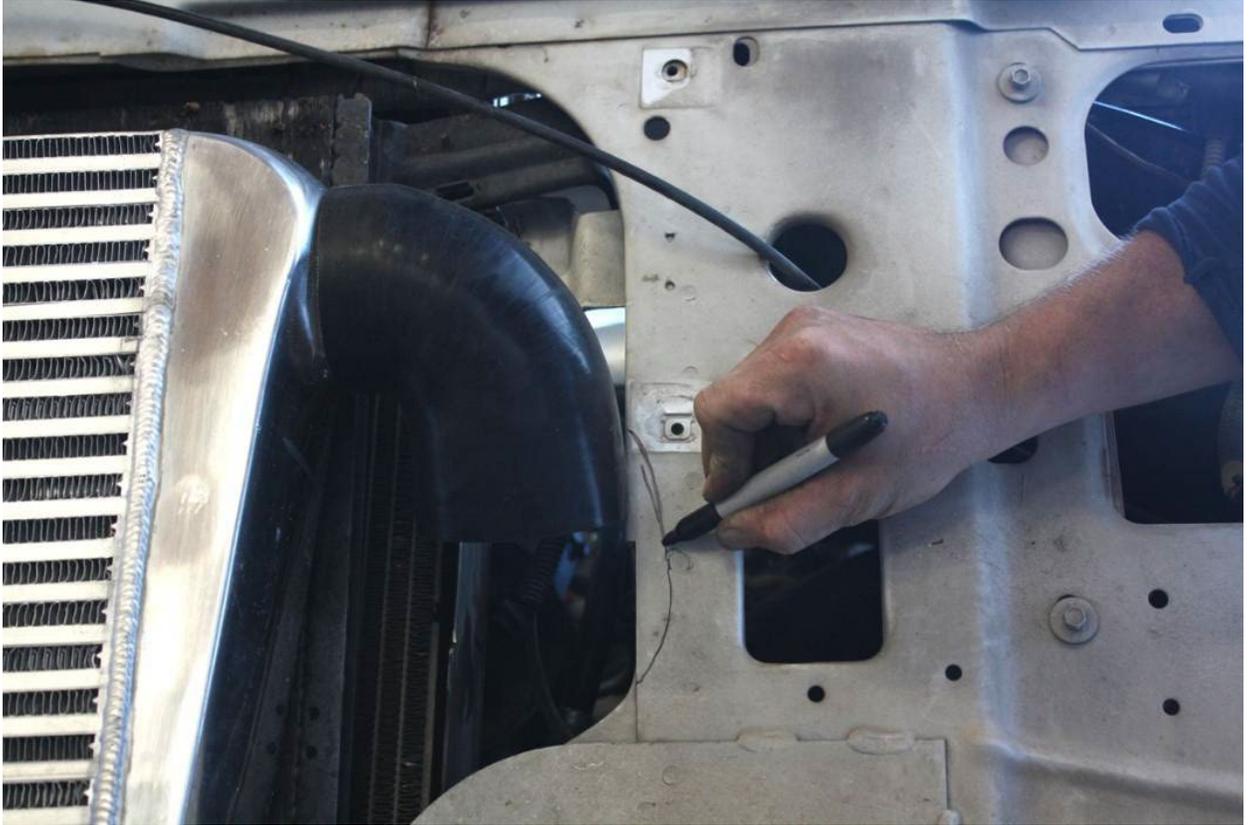


Step 12 – On two-wheel drive models only you will need to install the sway bar spacer to gain clearance for the bottom of the intercooler as shown in the image below.



Step 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.

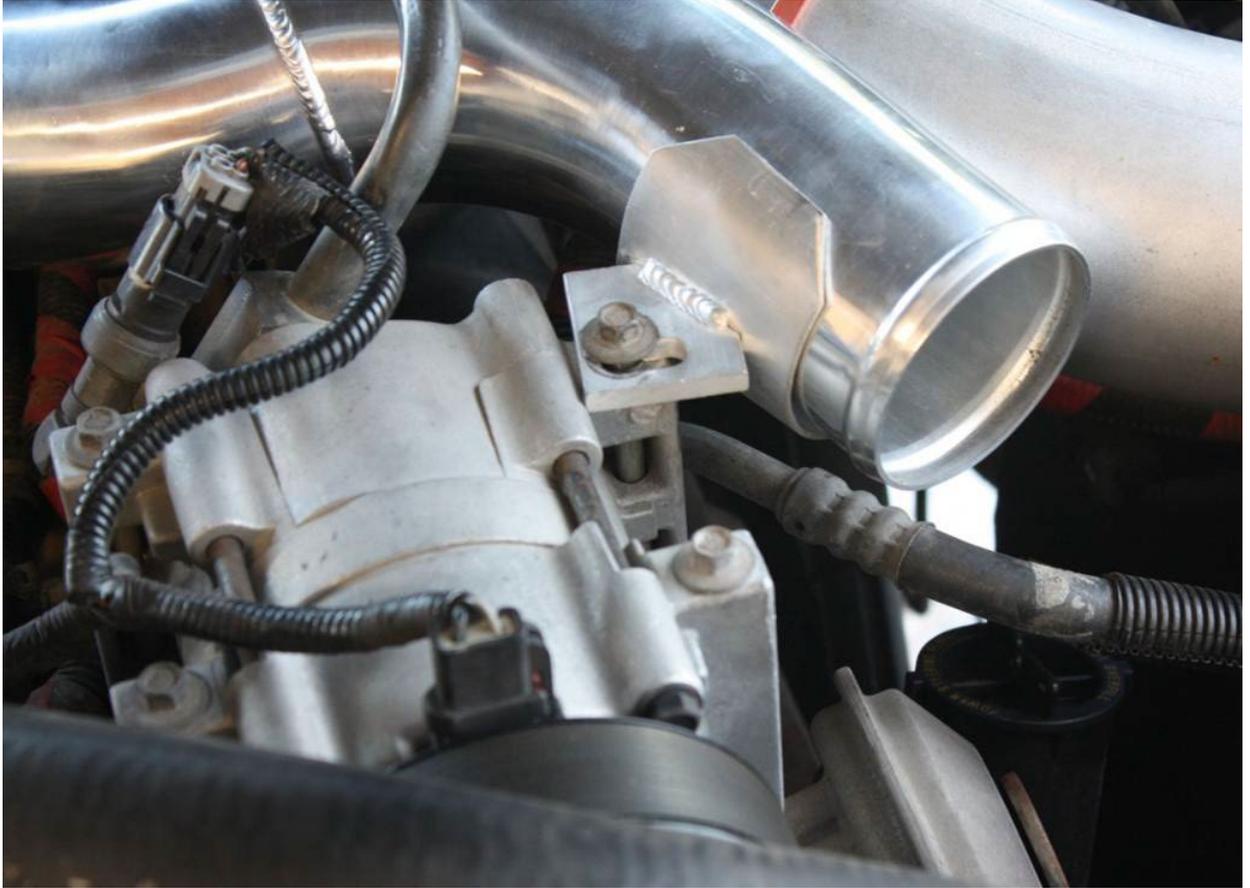


Step 14 – Next remove the original high-pressure manifold from the engine and install new “cold” manifold tube using supplied couplers and clamps. At this time only snug the mounting brackets and clamps as shown in the photo.

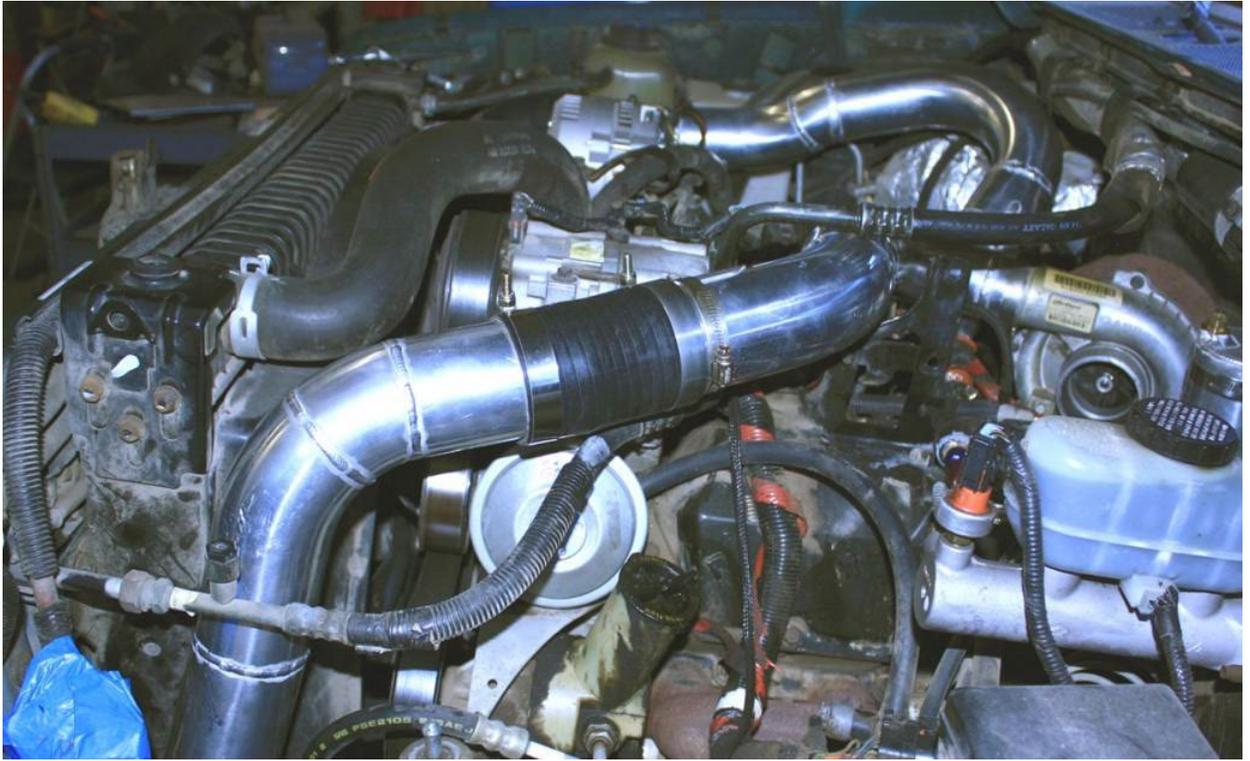


Step 15 – Install the new turbo pressure discharge tube using supplied mounting bracket and V-band clamp.

Be sure to re install the sealing O-ring at the turbo flange!



Step 16 - Install remaining tubes as shown in photos below and tighten all clamps and mounting bolts.



Step 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.

Step 18 – Final installation photos.





Full Force Diesel