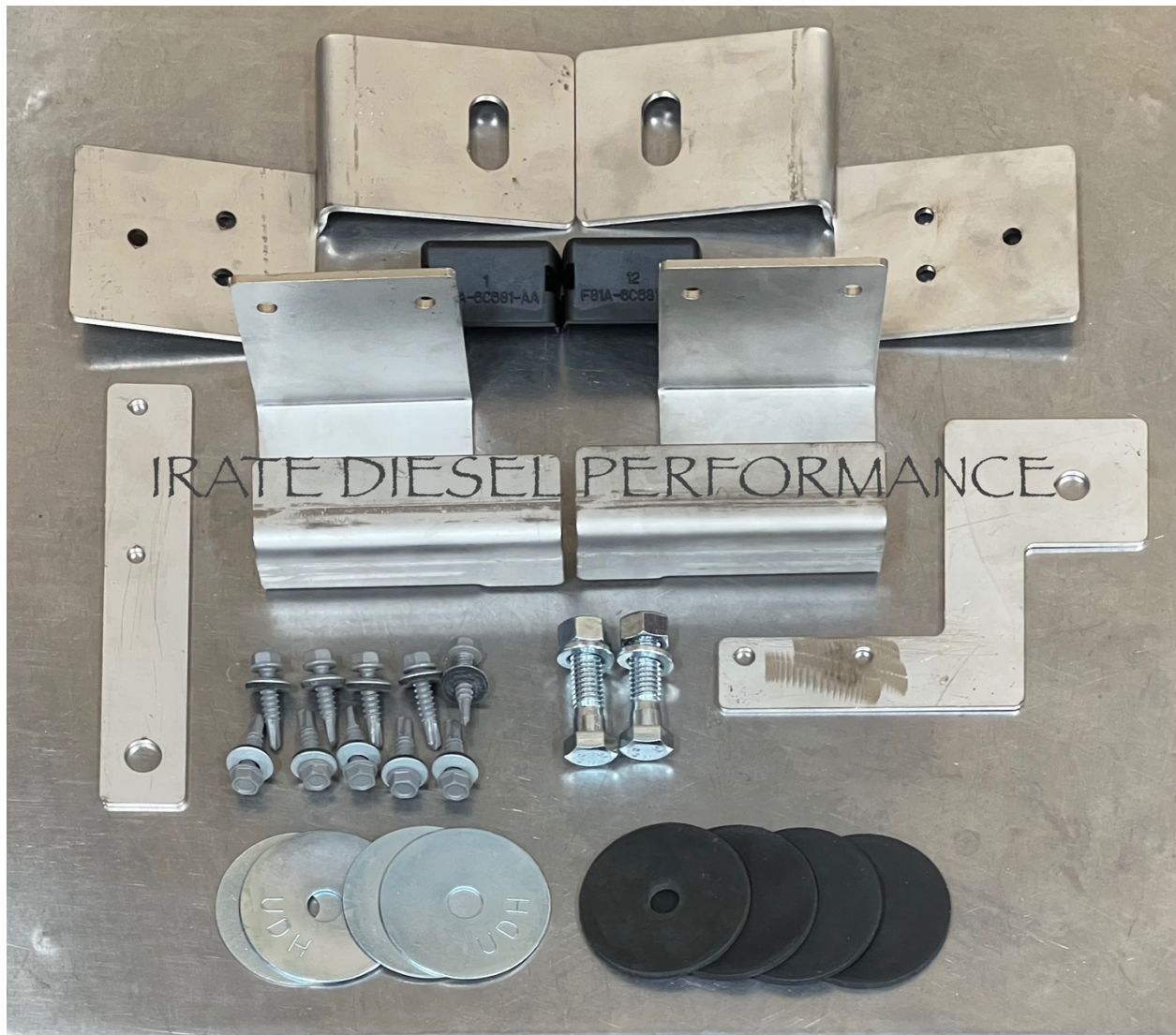


Irate Diesel Performance
94-97 Ford F-Series
Intercooler Mounting Installation Instructions



1. Start off by removing the rubber deflector that's between the support and bumper. These are held on by plastic retainers. (Refer figure 1)



(Figure 1)

2. Now that you remove that plastic (Figure 2), You can now access the bumper nuts which are holding the bump on. (Refer to Figure 3&4)
****Having an extra hand to hold the bumper as you remove the nut, so the bumper does not fall on you****



(Figure 2)



(Figure 3 Driver side 22mm Nuts Size might differ on your truck)



(Figure 4 Passenger side Nuts 13/16, Size might differ on your truck)

3. Remove the jack handle and both Battery from the truck, be careful not to short out the truck when doing this. the battery is held on with 8mm bolt.
4. Remove the Grill from the truck. It is held on with 5 Phillips screw (Refer to figure 5&6). After Removing screws Tilt grill slightly forward and lift up.



(Figure 5)



(Figure 6)

5. Remove headlights there is 2 Phillips (Figure 7) screw and 2 11mm nuts (Figure 8) holding the housing on.

Undo all the light wires and set housing off to the side.



(Figure 7)



(Figure 8)

6. Repeat step 5 for passenger side.
7. Remove header panel there is 11 8mm bolts (Figure 9) holding this piece on.



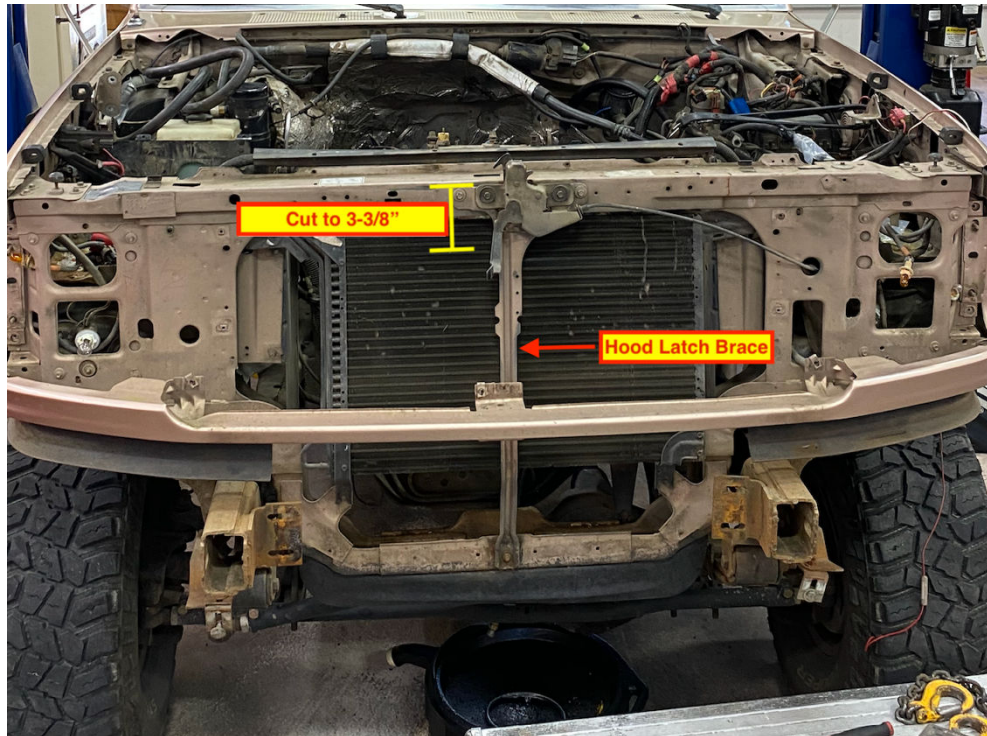
(Figure 9)

8. Remove the Stone Deflector, it is held on with 4 8mm bolts (Figure 10) 2 on each side. also remove the 2 plastic clips holding on the deflector on each side of the fenders.
9. To access these bolts, you can remove fender liner and or reach through the lower headlight area.



(Figure 10)

10. Remove the hood latch brace (Figure 11), cut the hood latch brace leaving 3-3/8" so that you can re-attach the hood latch to, this will allow the intercooler clear the header panel.



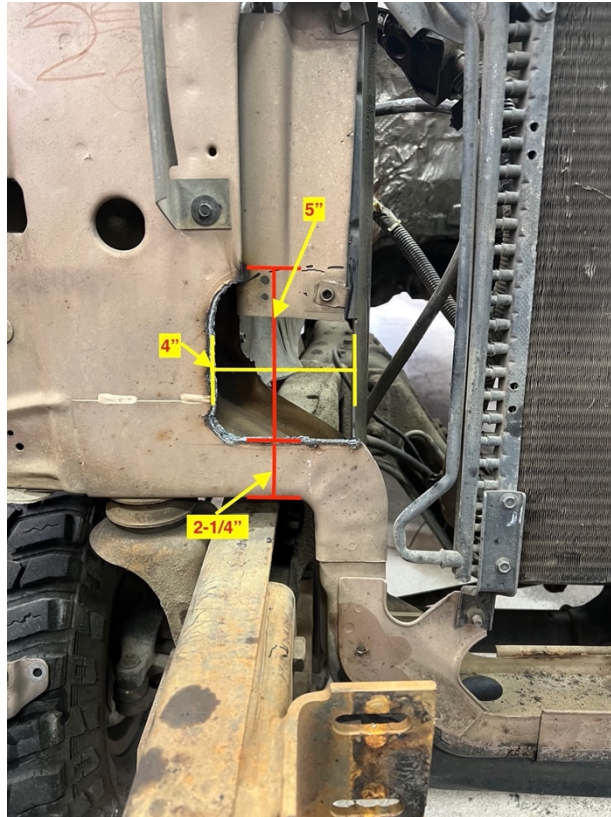
(Figure 11)

11. Now let's remove the stock ac condenser brackets (Figure 12) Carefully remove the stock screws and nut from the bracket. Reinstall the new brackets supplied in the kit, using the old screws and nuts. The AC condenser will have a bit of tension when installing the bracket. After installing the brackets double check and make sure everything clears.



(Figure 12)

12. When cutting the holes for the intercooler, make sure the hole is cut low as possible, that will help with any clearance issues with intercooler piping. Use (Figure 13) image to cut out for both sides.

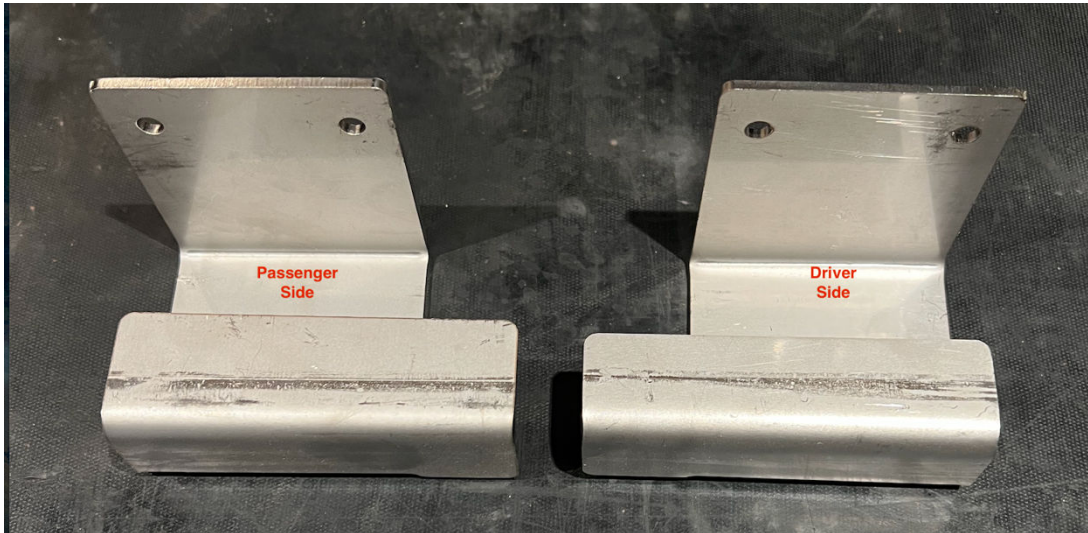


(Figure 13)

13. After hole has been cut, use intercooler to check for fitment issues. Please note the intercooler inlet and outlet will sit close to the radiator and make sure gap between intercooler and radiator is the same on both sides.

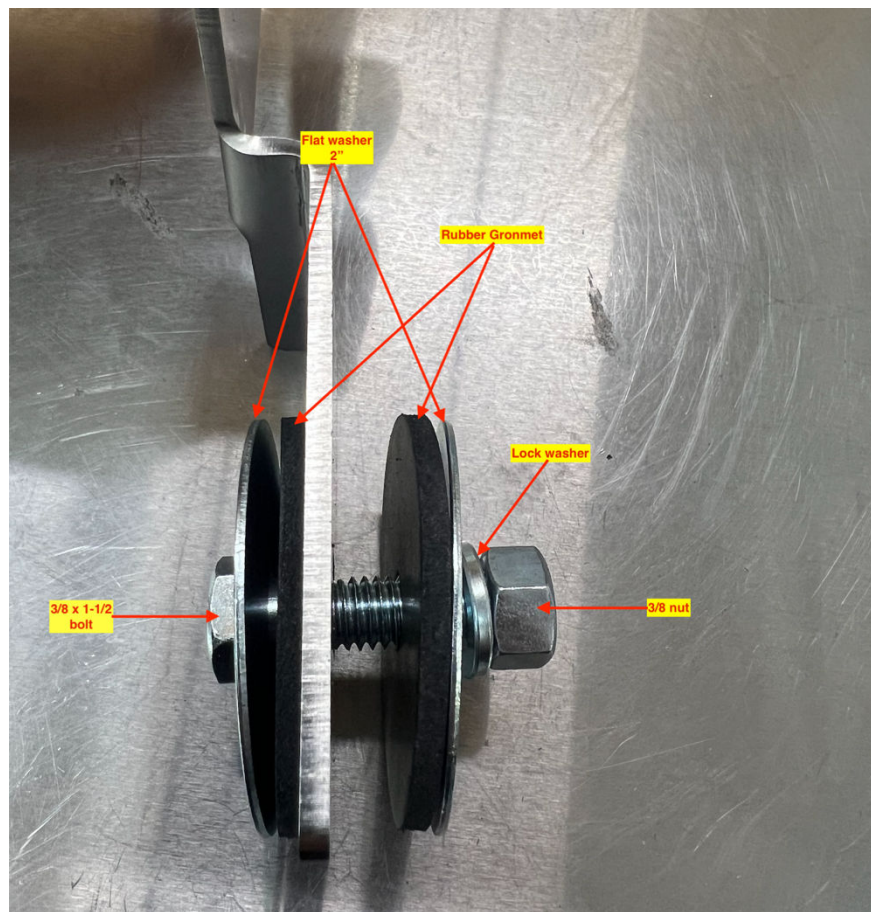
Once you know intercooler will fit. Set the lower brackets on the frame of the truck and lower the intercooler back into place with rubber gromet installed on intercooler itself. Make sure intercooler piping lines up with the intercooler (PLEASE NOTE: Some trucks might need to lift the lower bracket up off

the frame, this will vary with all trucks). Once you know the location of the brackets, you can screw the brackets into the core support.





14. Now you can install the upper brackets to the core support. Use the metal screws provided and install the upper bracket to the core support making sure the holes line up with the intercooler tabs. Now you can sandwich the bracket and intercooler together using the flat washer and rubber washer on each side. That should secure the intercooler in place.



15. Now that intercooler is secure, you can now reinstall the front of the truck in reverse order.