

## Bronco Raptor Stock Placement Intercooler



### **7R1550 - Bronco Raptor Stock Placement Intercooler**

Bronco Raptor 2022 - 2023

Congratulations on your purchase of the COBB Tuning Stock Placement Intercooler for Bronco Raptor! The following instructions will assist you through the installation process. Please read them BEFORE beginning the install to familiarize yourself with the steps and tools

needed. If you feel you cannot properly perform this installation, we HIGHLY recommend you take the vehicle to a qualified and experienced automotive technician.

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## Parts List

- [COBB Stock Placement Intercooler](#)

## Tools Needed

### Sockets

#### **3/8"**

- [3/8" ratchet](#)
- [3/8" 6" extension](#)
- [3/8" 15mm socket](#)

## Intercooler Removal

1. Park your car in a flat, level area and allow it to cool down properly.
2. Jacking up the car or putting it on the lift can make things a little easier to access and see, but you should be able to do most of this work with the car on it's wheels. It can be easier if you have a creeper (This time his name is Chris)



3. There are two different skid trays, one has tow hooks. In order to remove the one with tow hooks, take out the two 15mm bolts on each side holding the skid tray on to the underside of the car.





4. Loosen the 2 15mm bolts at the back of the skid tray. You can leave them installed but loosened and still slide the tray out. This can make reinstalling the skid plate later on easier.

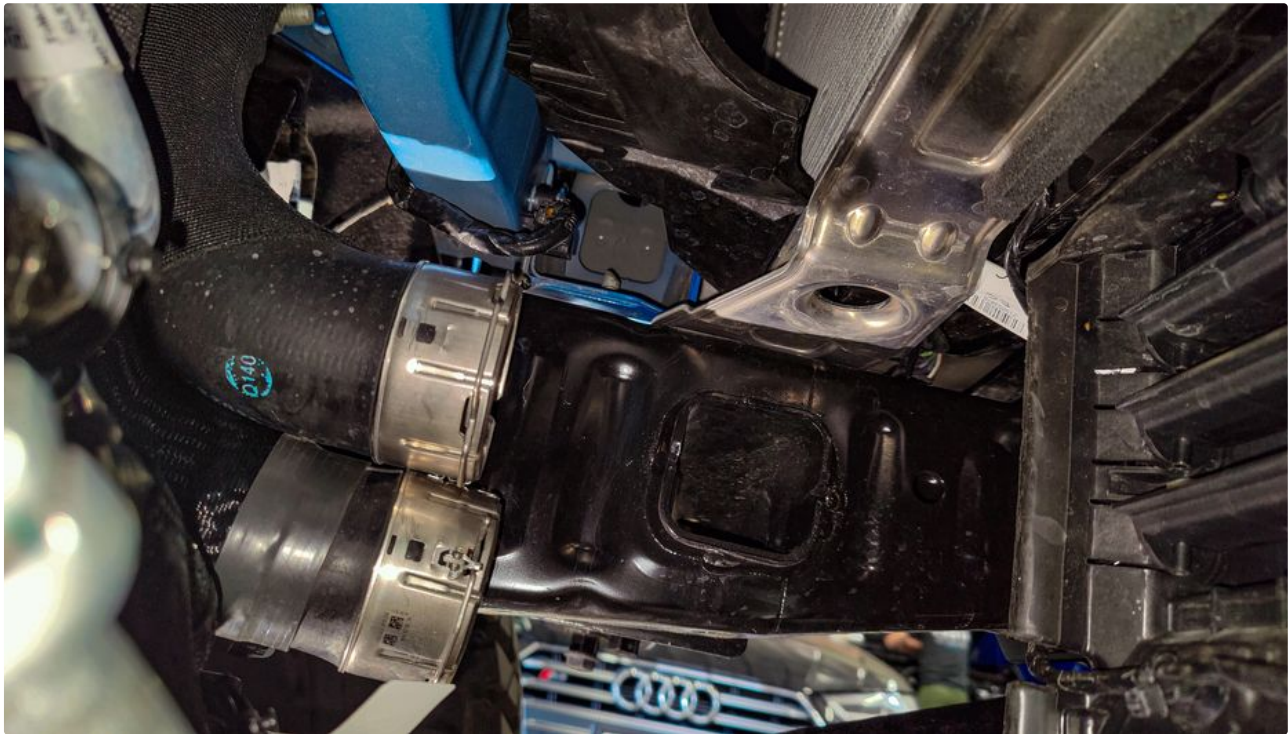
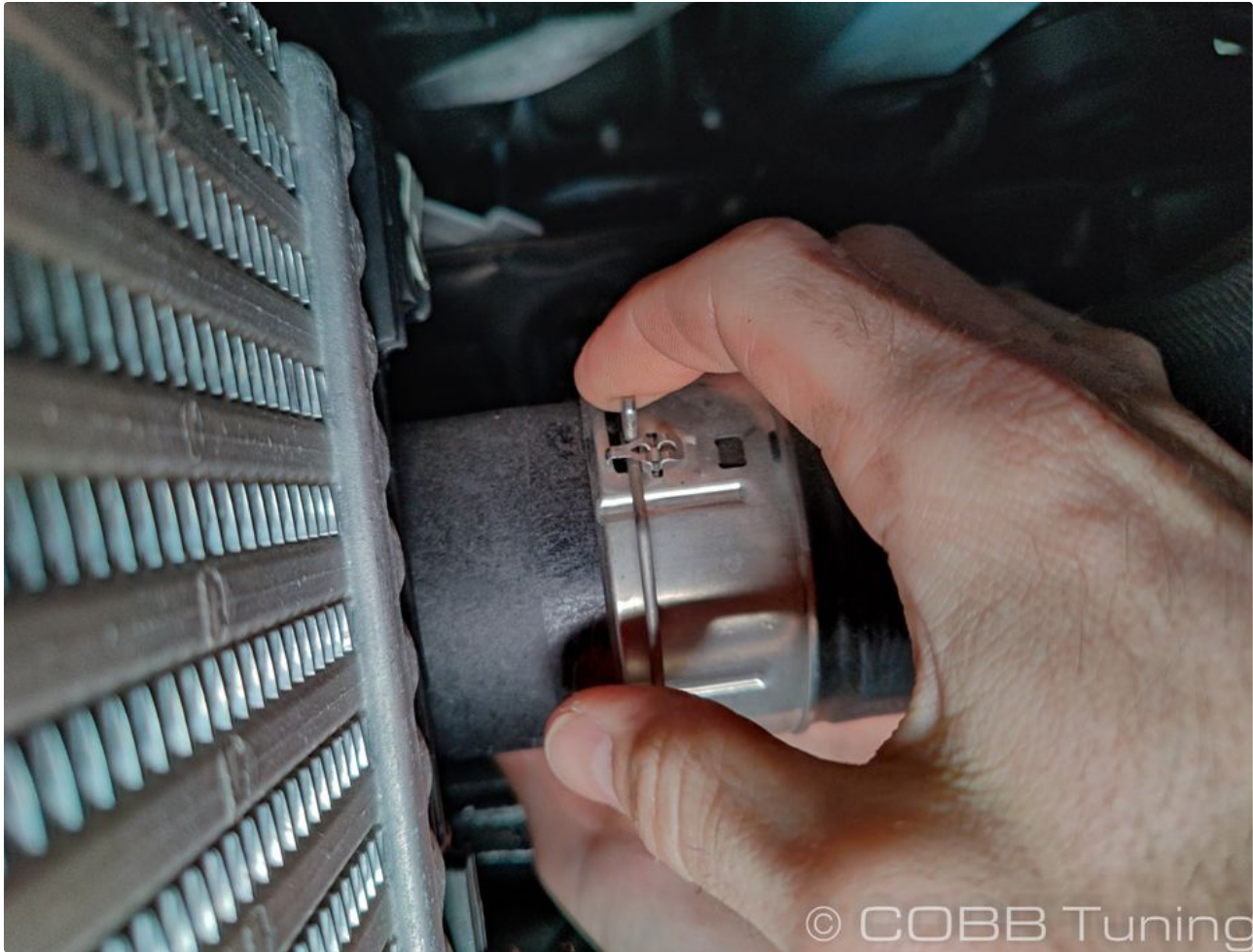


5. If your vehicle does not have tow hooks, it will just be 4 bolts in similar positions, The two to the rear can be left loose and you can slip the skid plate forward and out.

6. Carefully lower the skid tray out of the way.



7. Gently pull on the retaining rings found on both sides of the intercooler. Pulling them out slightly should release them from the intercooler and seat them in the retaining clips that should hold them out of the way. These clips do NOT completely come off of the charge pipes.



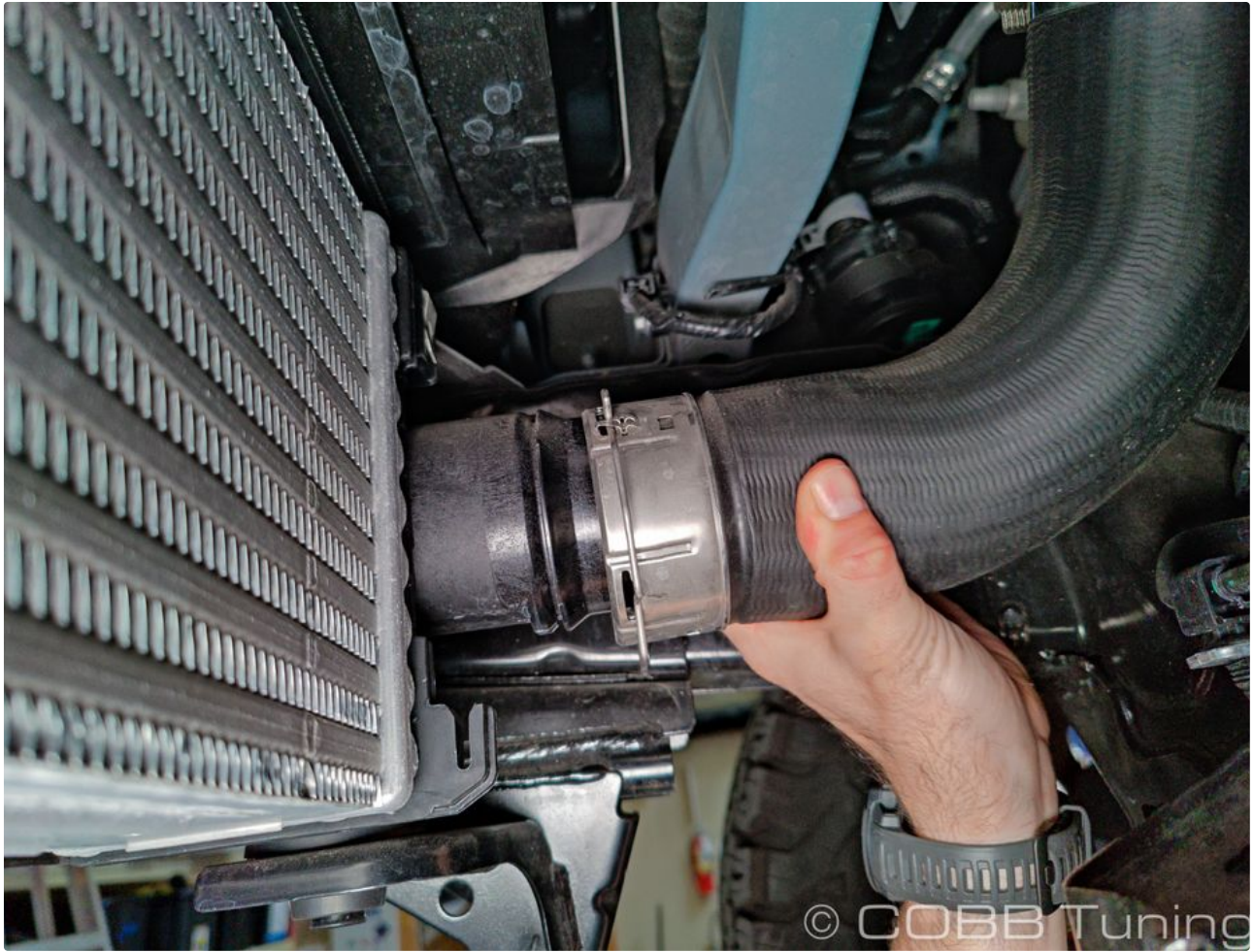


Closed Clip Position



Open Clip Position

8. Gently pull outwards on the charge pipes to make sure they are released from the intercooler.

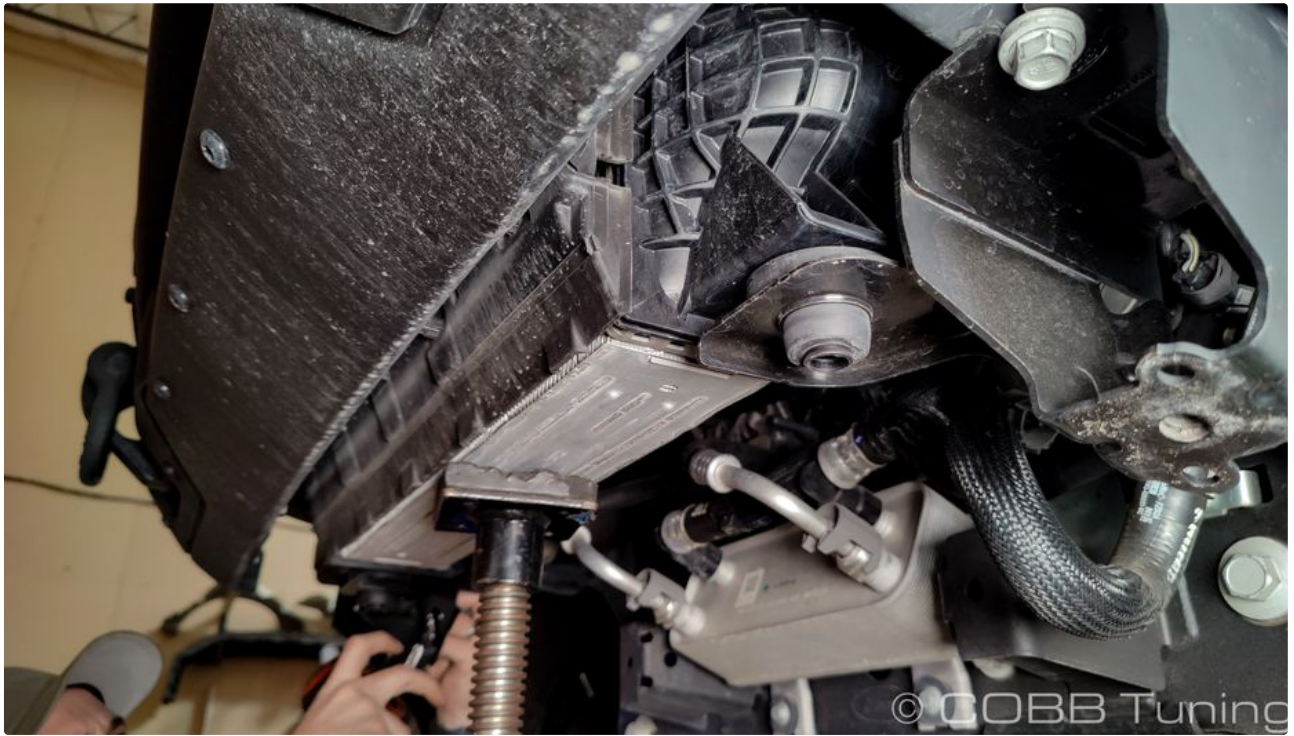


9. To remove the lower intercooler bracket/tow hook you'll need to start by removing the plastic covers surrounding them. There are two plastic pins on either side that stick into the mount, squeezing them inward gently will allow the trim piece to come off the car easily. If you don't have tow hooks you will not have this trim.





10. With the trim out of the way you should now have access to the two 15mm bolts holding them to the frame. Have a friend or jack support the intercooler and undo the two bolts on either side holding the brackets in place and lower the intercooler out of the car.





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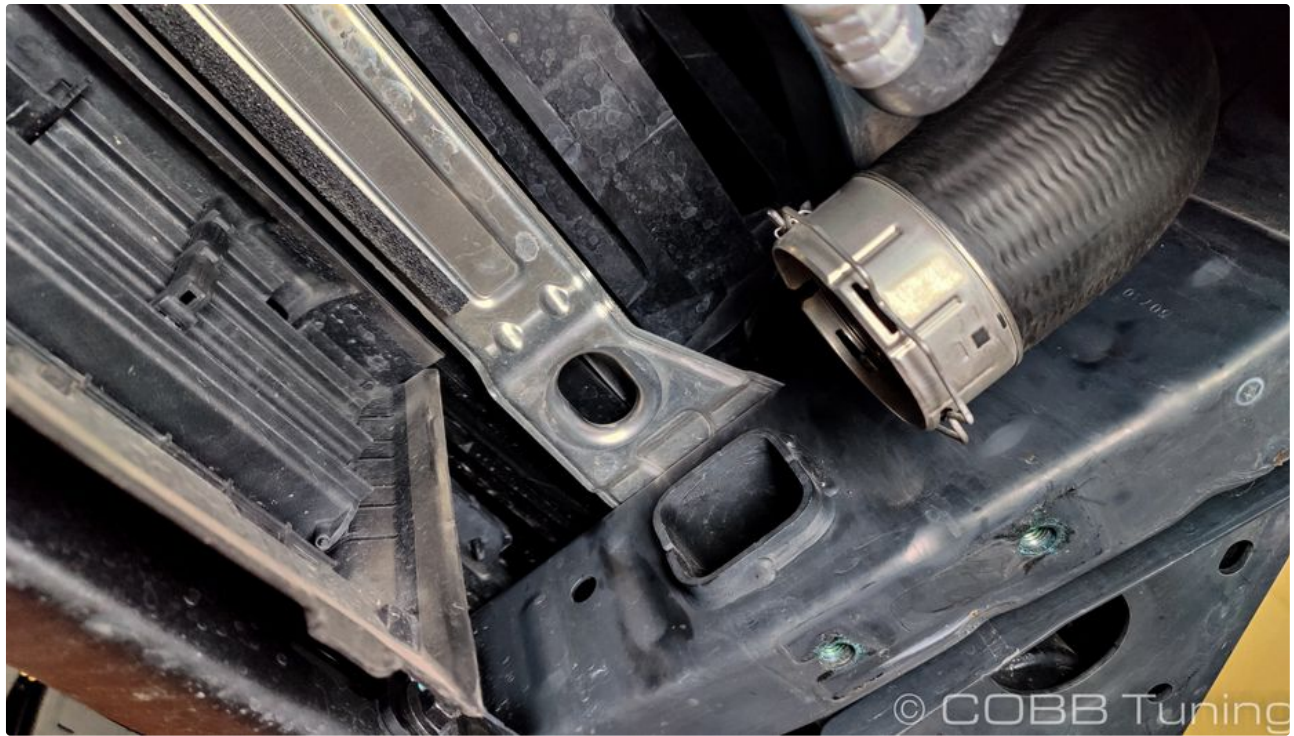
## COBB Intercooler Assembly and Installation

1. Remove the rubber grommets from the top and bottom of the factory intercooler (they may be stuck in the upper or lower brackets) and reinstall them onto the COBB intercooler.



2. Lift the intercooler into place and get the top grommets into the upper bracket, use your jack (or a friend) to support it while reinstalling the lower brackets onto each side. The side with two positions to mount hoses, should match up to the two hoses on the driver's side of the car





3. Wiggle the factory charge pipes into place then push the retaining ring towards the pipe to get it to lock the pipe back in place again.
4. With the intercooler installed you can reinstall the towhook trim.
5. Slide the rear of the skid plate into the two bolts you left loose earlier and add the remaining skid plate bolts loosely in place before tightening them all down.



6. You're all done! Go out and enjoy!

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## CARB Sticker Application

*(Where Applicable)*

1. Apply the supplied CARB sticker in a clear, easy to find location. Typically underhood, or on the radiator core support.

## Links

### MAP Notes

Helps to figure out which map you should be on given the parts installed to your car

