

# INSTALL INSTRUCTIONS

Part #s 42792-R, 42792-N

Monster-Ram® Air Intake  
2017-2024 Chevy/GMC  
2500/3500 6.6L Duramax  
L5P

Please read through the following instructions thoroughly before starting your installation. If you have any questions please visit our [Support Page](#).



07:50



# PARTS



One Monster Ram Turbo Inlet

Two M8 x 30mm bolts

One turbocharger air inlet adapter seal

One hose clamp



# TOOLS



1/2-inch long handle drive ratchet

Magnetic pickup tool

3/8" drive torque wrench

3/8" drive ratchet

Ratchet extension

10mm socket

15mm socket

13mm socket

15mm combination wrench

Flat-head screwdriver

8mm nut driver

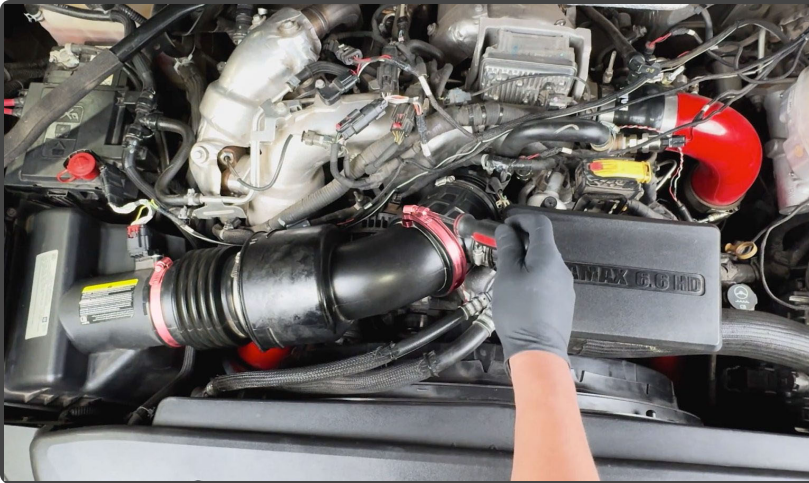


## OEM Airbox and Horn Removal



### 1. Disconnect Batteries

Place a rag around each of the negative battery cable ends; this will prevent them from touching the battery again and arcing during the install as you work.



## 2. Loosen Two Clamps

Loosen both clamps that hold the factor air inlet on.



## 3. Remove Air Intake

Once the clamps are loose, slip and twist it up and out of the engine bay.



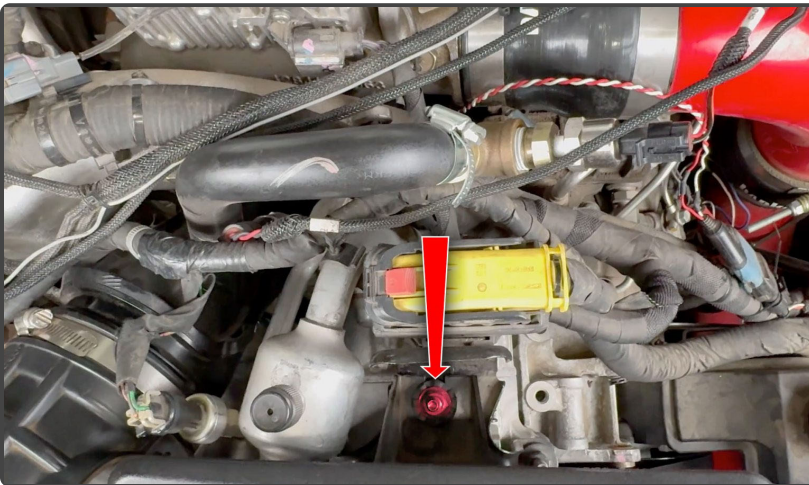
## 4. Unplug MAF Sensor from Airbox



## 5. Remove Air Box

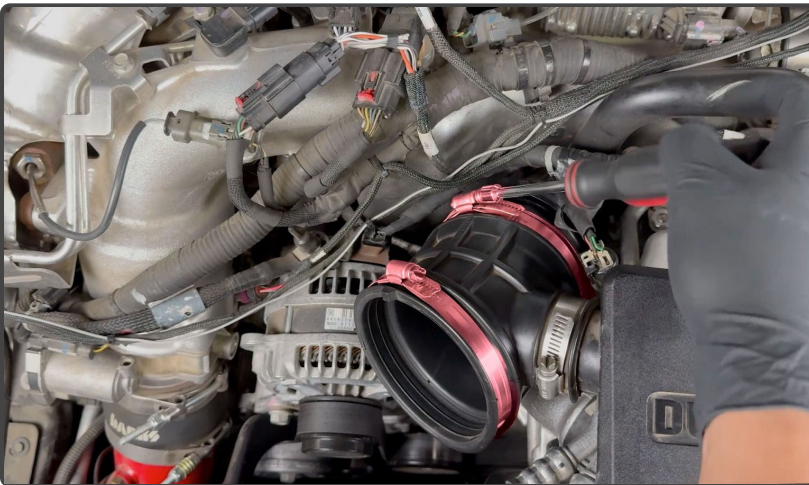
*2017-2019: Lift the air box up and out. The bottom of the stock air box is held in place by rubber grommets. There may be some resistance when removing the stock air box.*

*2020-2024: With a 10mm socket, remove the single airbox mounting nut on the passenger side of the engine bay, then lift the airbox up and out of the truck.*



## 6. Remove Resonator Bracket Nut

Use a 13mm deep socket with an extension to reach down to the nut.

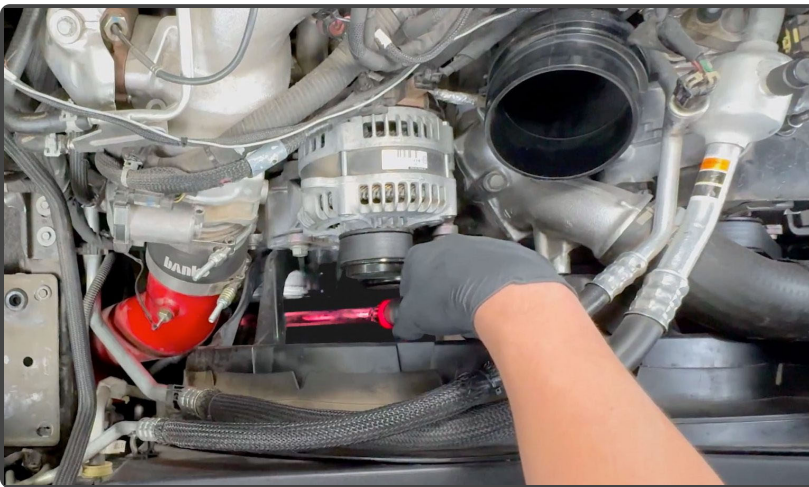


## 7. Remove Resonator Elbow Clamps

Use either a 8mm nut driver or flat head screwdriver.

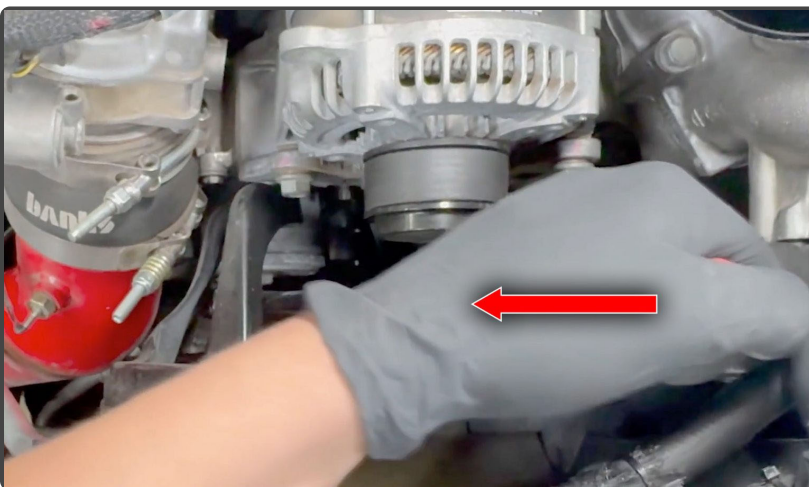


## 8. Remove Resonator

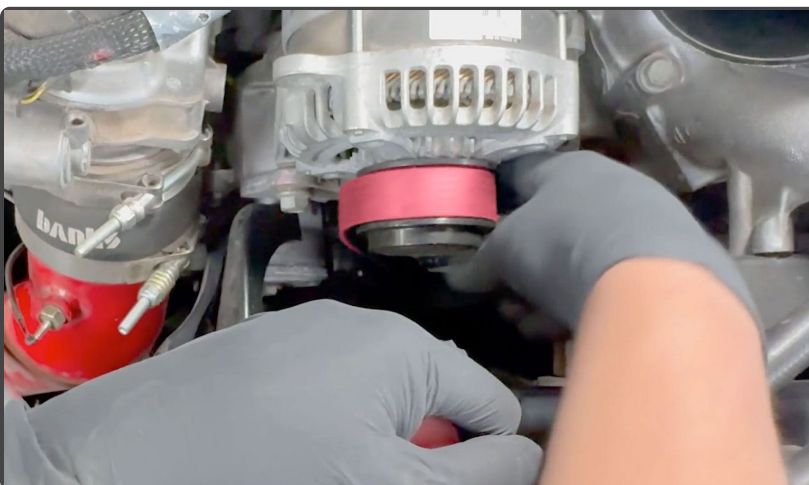


## 9. Release Tension On Accessory Belt

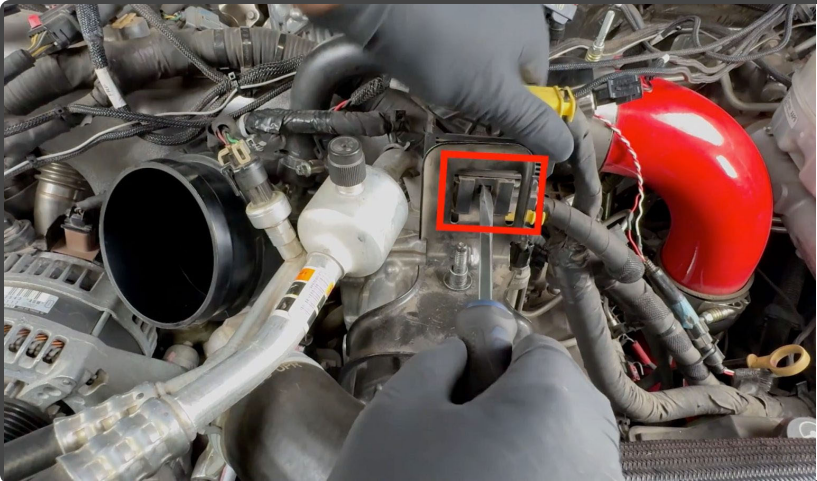
Use a 1/2in breaker bar directly on the tensioner pulley.



Rotate the ratchet bar counter clockwise towards the passenger side to release tension.



## 10. Slip the belt off the alternator

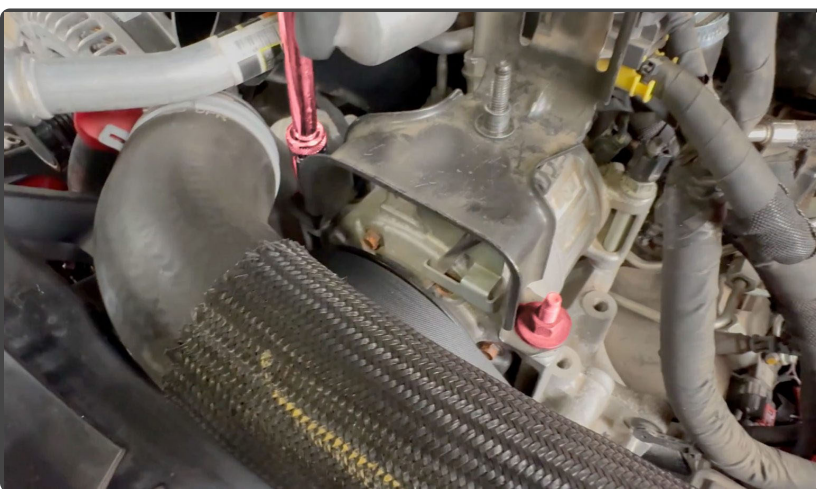


## 11. Unlock the harness from its clip.

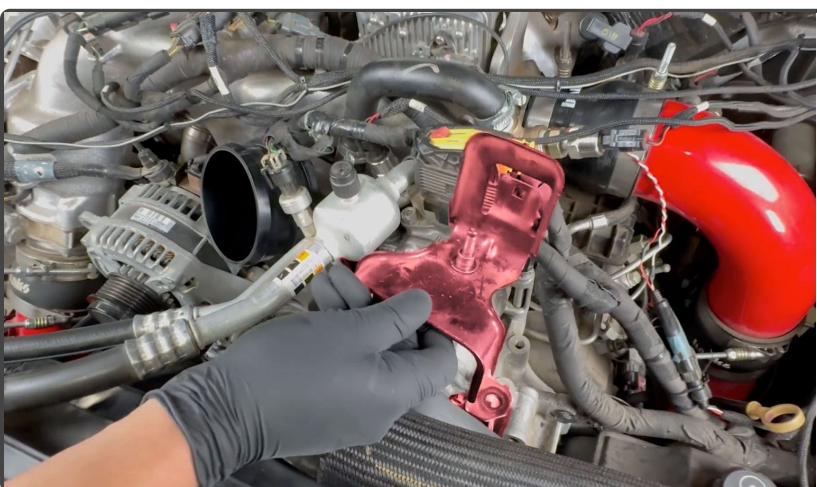
Press in the locking tab with a flat head screwdriver.



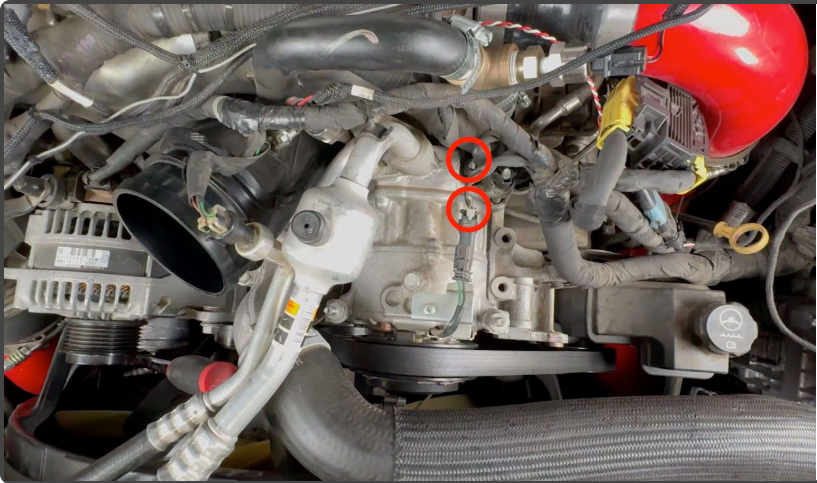
Set the harness aside behind the bracket for now.



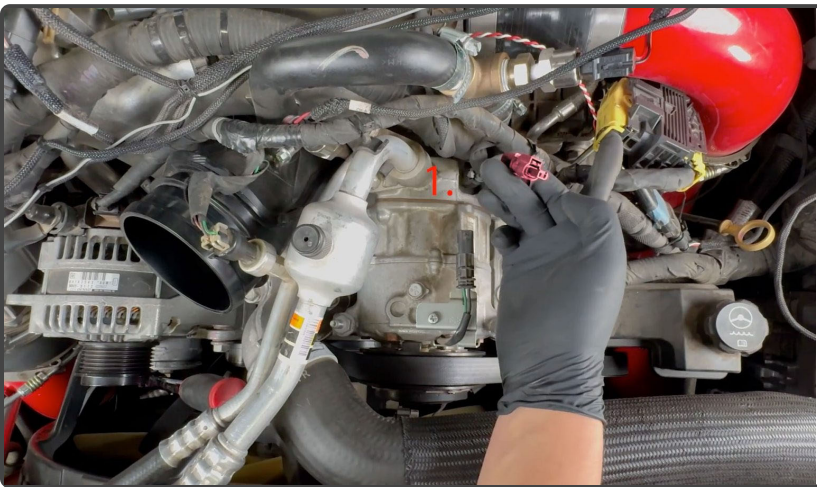
## 12. Remove two 13mm bolts



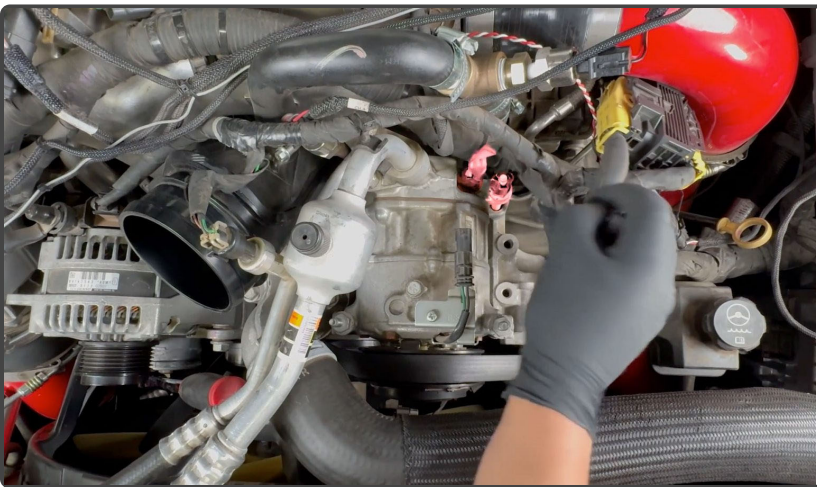
## 13. Remove resonator bracket



## 14. Remove two A/C compressor connections



Unplug the forward A/C connector first.



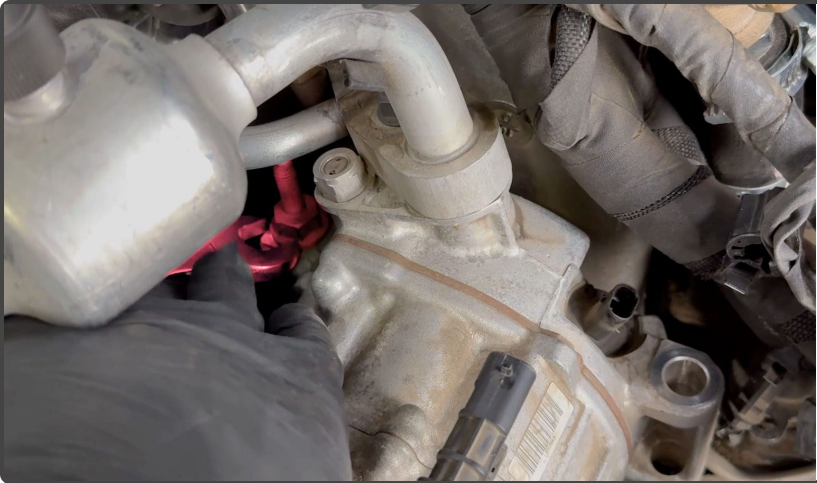
Next, unplug the rear A/C connection and free the harness plastic nuts from the post mount.



## 15. Remove A/C Compressor

There are four 15mm bolts that hold it down.





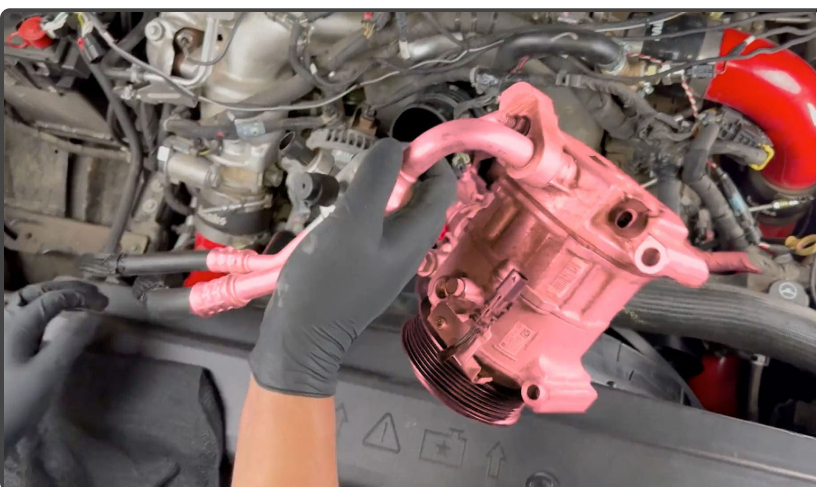
The rear passenger side bolt is. Tricky to get to. It does not have to be fully removed, just back it out enough until the A/C compressor is free.



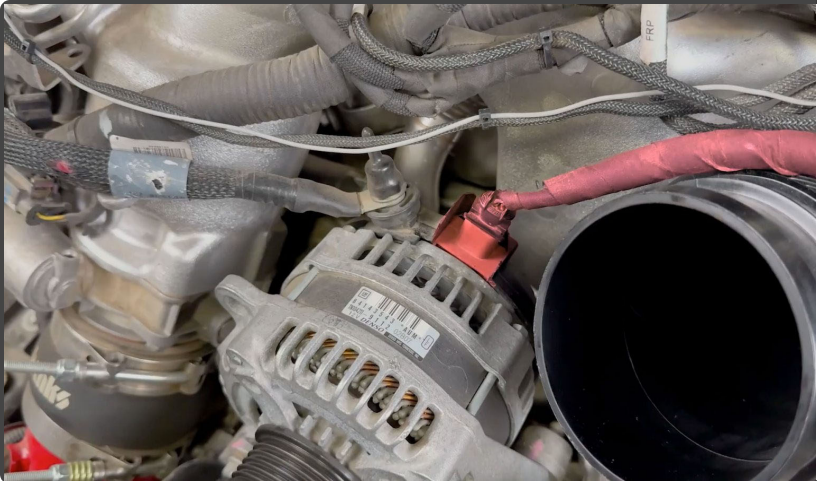
Disconnect A/C pressure sensor.



Disconnect A/C pressure sensor harness from the hardline.



Lift and remove A/C compressor, place it out of the way for now.



## 16. Disconnect Alternator Harness



## 17. Disconnect PCV Hose

Use an 8mm nut-driver or flathead screwdriver.



## 18. Remove Factory Intake Horn

There are two 13mm bolts to be removed, one on each side.



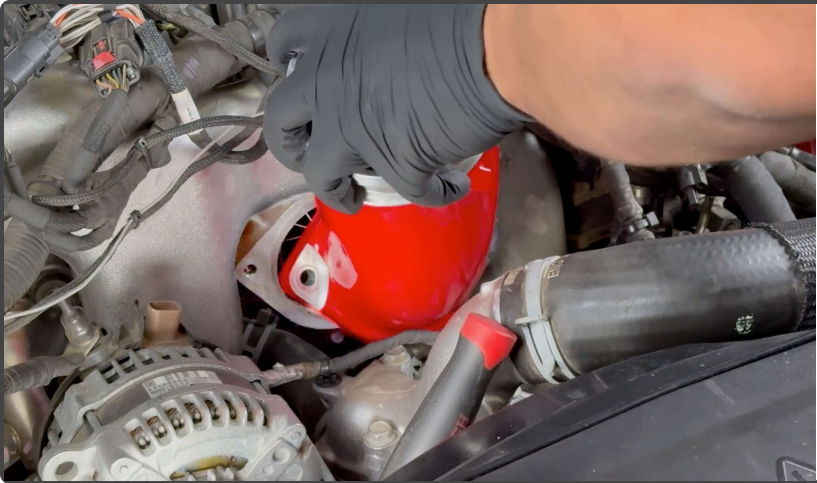
Use an 8mm nut-driver or flathead screwdriver.



## Monster-Ram Installation



1. Install New O-Ring



## 2. Install Monster-Ram

Use the new supplied 10mm bolts.



The driver side bolt can be started by hand.



The passenger side can be hard to reach. Using a magnetic tool can help.

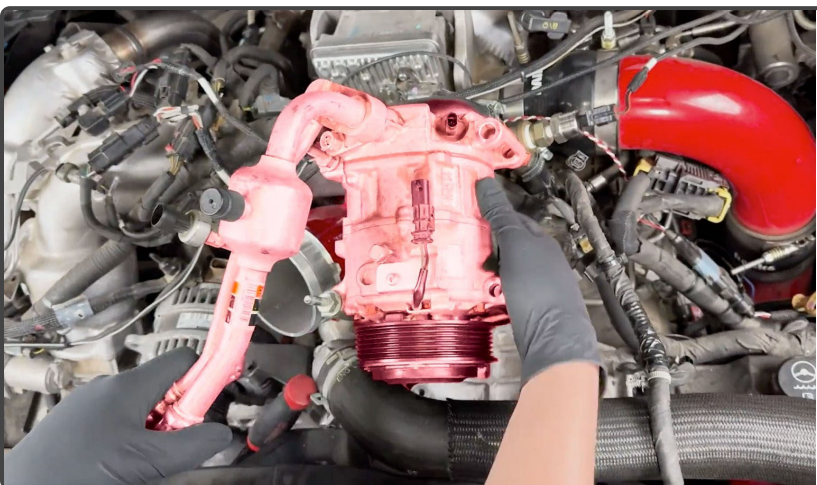


## 3. Tighten 10mm Bolts to 18 ft/lbs



## 4. Connect PCV Hose

A new hose clamp is provided.



## 5. Reinstall A/C Compressor

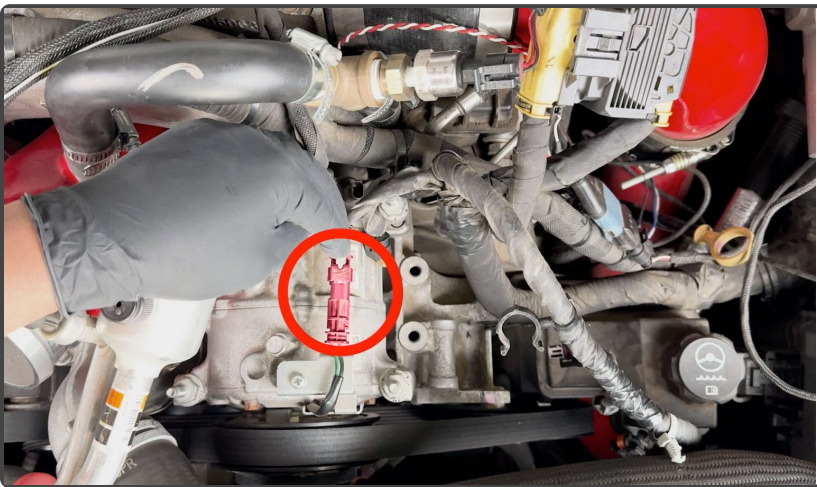


Start with the hard top reach rear passenger side bolt.





## 6. Tighten all A/C Compressor Bolts

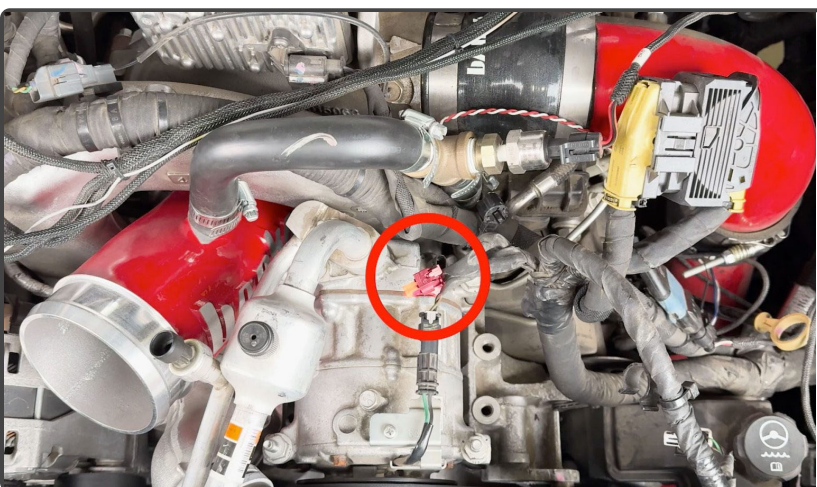


## 7. Reconnect A/C Harness & Sensors

One connector is on the front of the compressor.



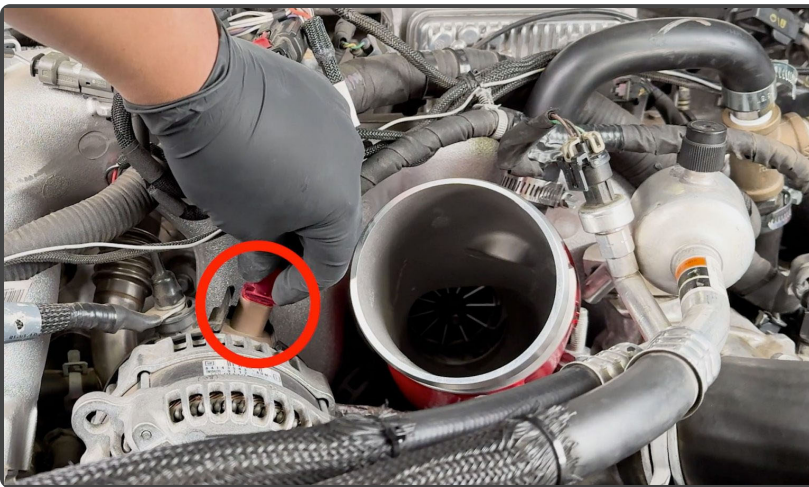
Re connect the plastic harness clip to the rear post.



Don't forget the second connection at the rear of the compressor.



Re-connect the A/C Pressure Sensor



8. Reconnect  
Alternator Harness

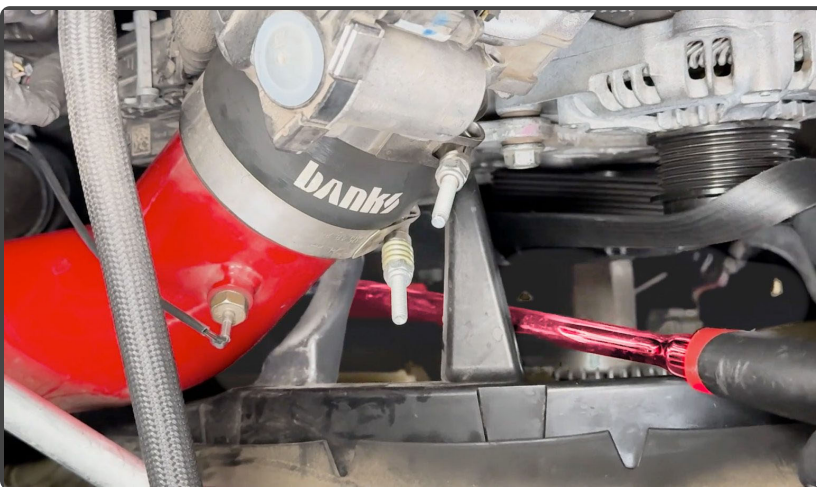


9. Reinstall engine  
harness bracket.





10. Reinstall the engine harness



11. Reinstall Accessory Belt

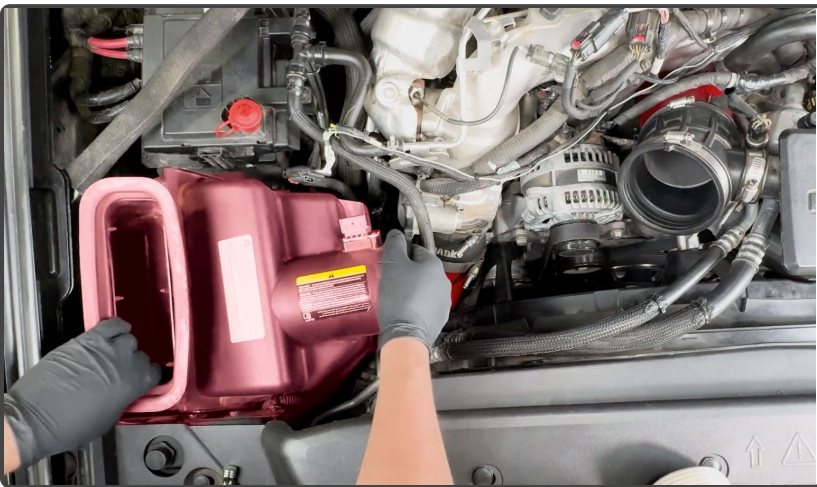


12. Reinstall Airbox Resonator

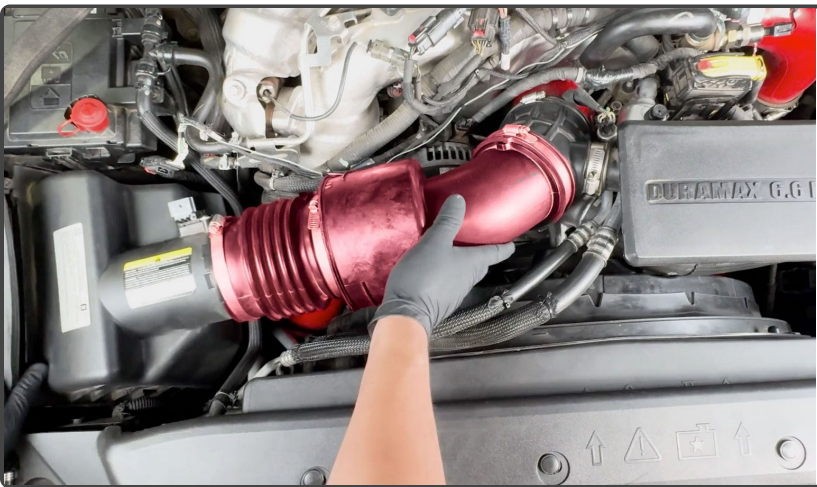


Reinstall the 13mm nut for the resonator.





## 13. Reinstall Airbox



Re-connect the Airbox intake duct.



## 14. Tighten hose clamps



15. Reinstall MAF sensor.



16. Clean up the area, stand back, and enjoy your new Banks Monster-Ram