



JAMES BARONE RACING

2013+ FOCUS *ST* TRANSMISSION CABLE BRACKET BUSHINGS

Tooling:

- ✓ Ratchet wrench
- ✓ 6" socket extension
- ✓ 8mm, 10mm socket
- ✓ 10mm wrench
- ✓ Flat head screw driver

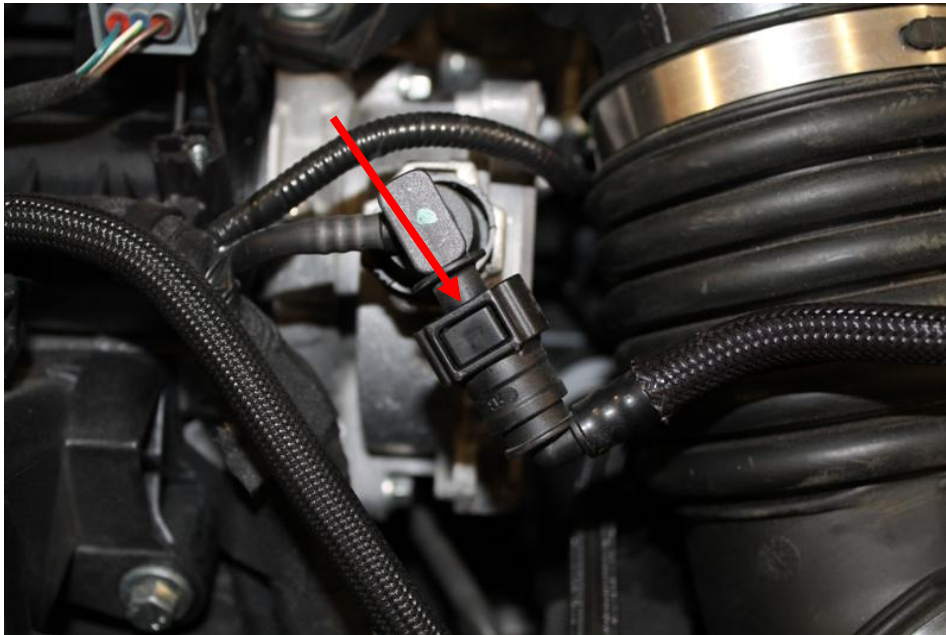
Included:

- ✓ 3 Male Bushings
- ✓ 3 Female bushings

1. Using an 8mm deep socket remove the bolt securing the intake tube to the motor. Then using philips head screw driver loosen the clamp securing the intake hose to the intake tube.



2. Squeeze both sides of the vacuum connector shown below and remove.



3. Unclip the rubber strap holding the cold air intake duct.



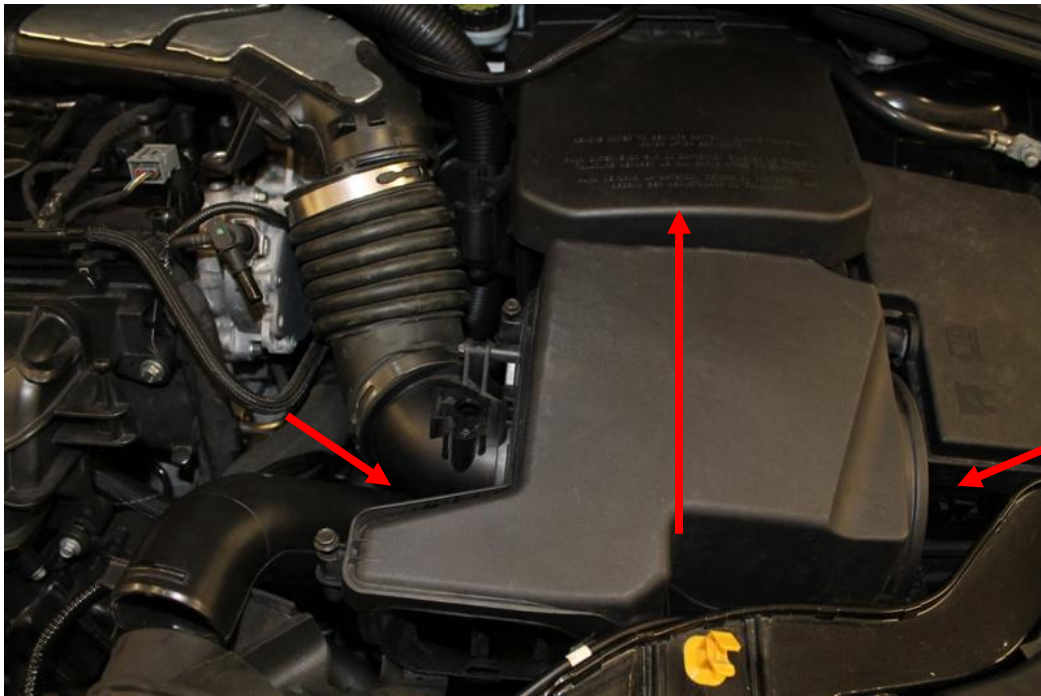
4. Remove the rubber strap securing the bottom portion of the air box to the front core support.



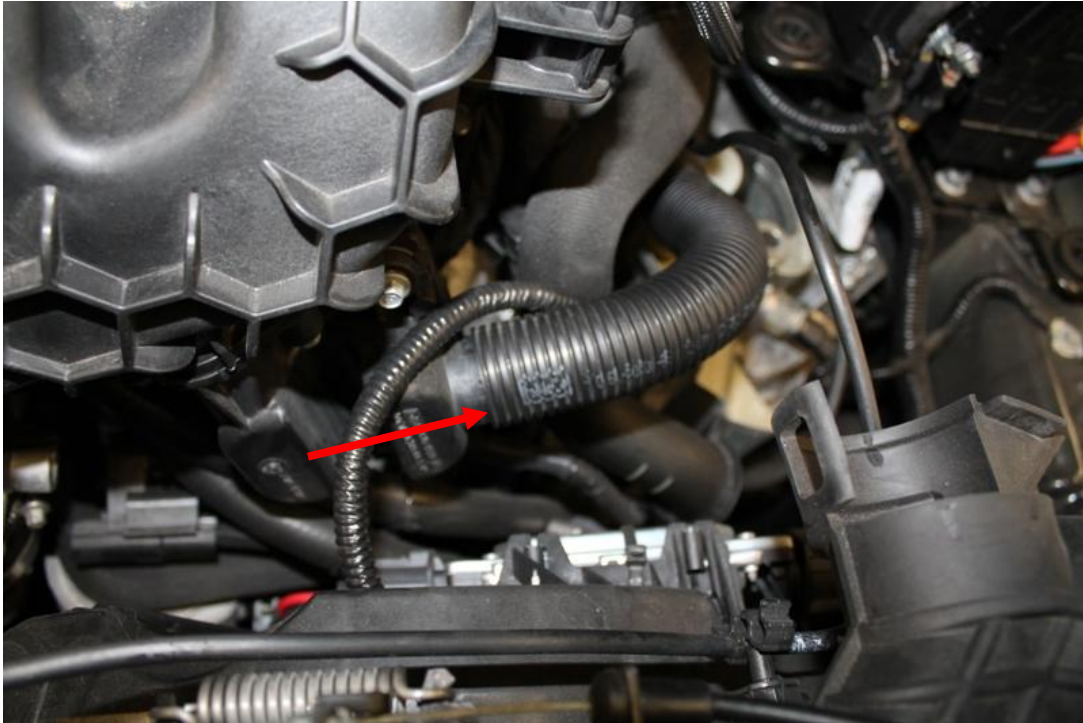
5. Remove the MAP sensor connection by depressing the tab and pulling towards the passenger side.



6. Grab the sides of the air box assembly; give it a swift tug upwards to remove it from the grommets that secure it to the vehicle. Then remove the entire air box assembly from the vehicle.



7. Remove the sound symposer hose by pulling it towards the driver's side.



8. Remove the electrical connector from the sound symposer control module by depressing the tab and pulling down.



9. Remove the other end of the sound symposer hose beneath the cowl by pulling towards the driver's side.



10. Remove the front battery cover then the rear cover.



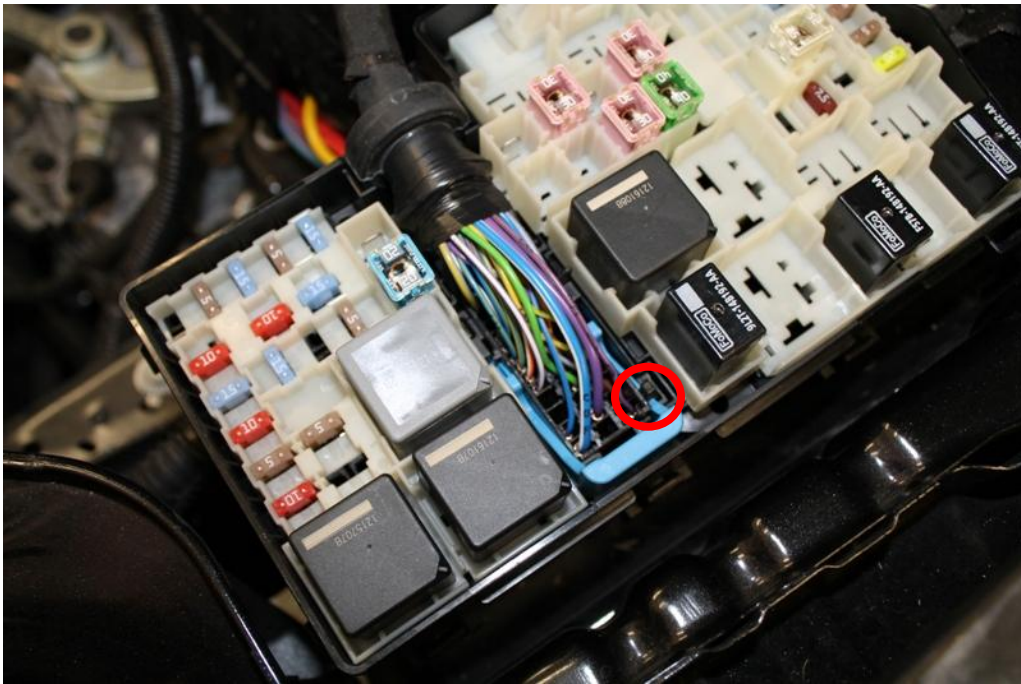
11. Remove the fuse box cover by depressing the tab at the rear of the cover. Using a 13mm socket, remove the negative ground wire. **(BE SURE IT TOUCHES NOTHING METAL)**



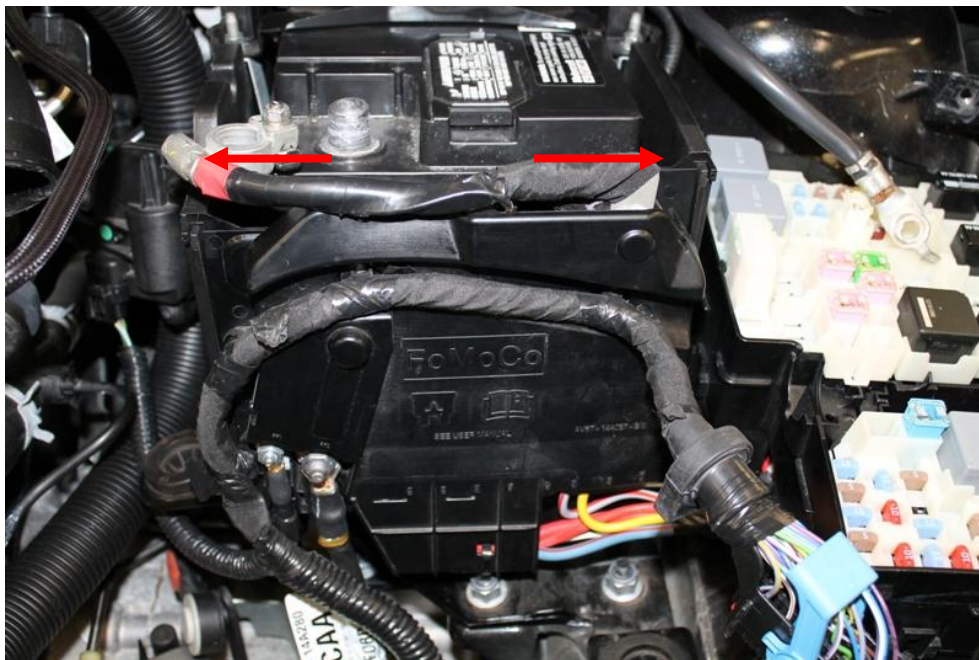
12. Using a 10mm socket, remove the positive battery cable and the battery hold down strap.



13. Unclip the wiring harness from the fuse box by moving the little black tab towards the rear of the car and lifting the blue lever to raise the connector up.



14. Spread the front section of the battery box to remove the front cover and lay it flat towards the front of the vehicle.



- Slide the battery forward and remove the electrical connector at the negative terminal and remove the battery from the vehicle.



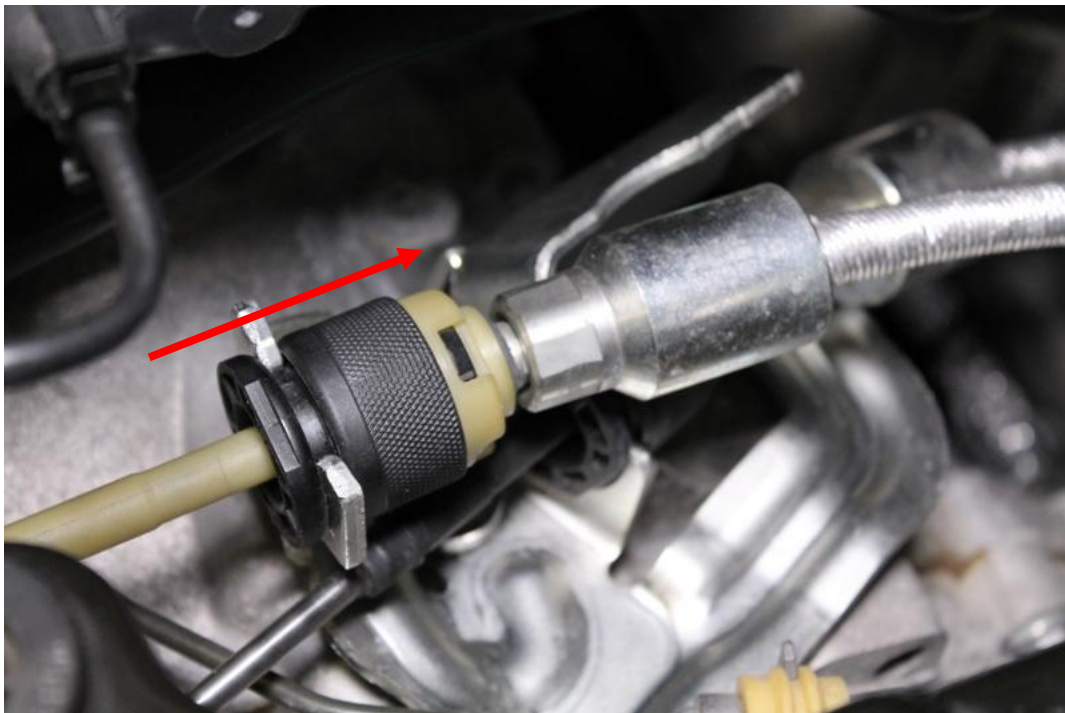
- Using a 10mm socket, remove 3 bolts securing the battery box and remove the battery box and sound symposer assembly from the vehicle.



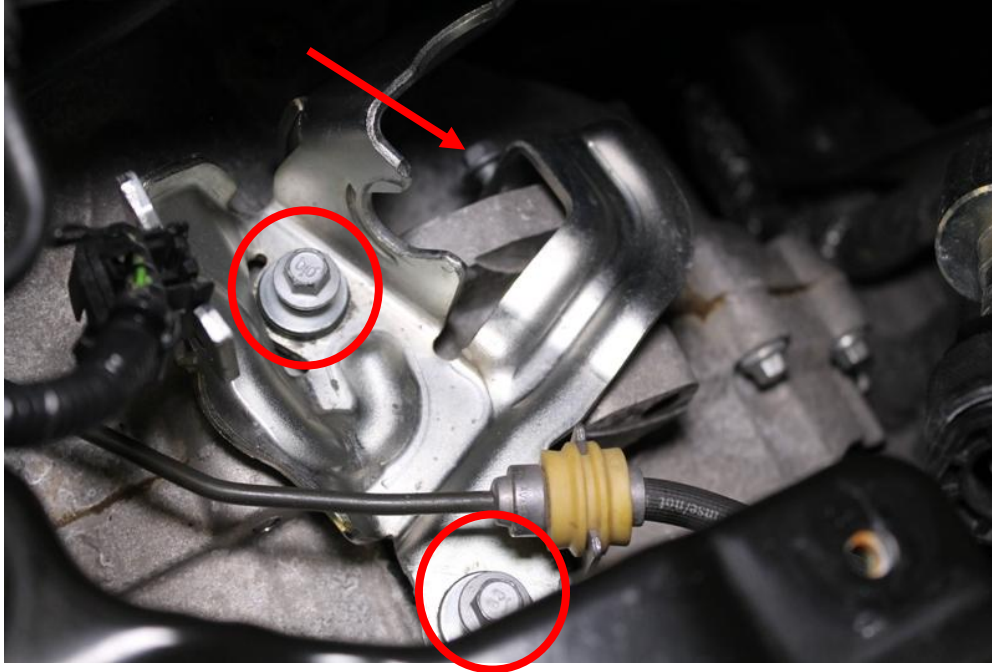
17. Using a philips and flat head screw driver, push down firmly in the center of the cable head with the philips head screw driver while lifting up on the cable head with the flat head screw driver. DO NOT JUST PRY THE CABLE HEAD OFF.



18. Remove both cables from the mounting bracket by sliding the knurled portion of the cable jacket back towards the rear of the car and lifting up out of the bracket.



19. Using a 10mm socket and 10mm wrench remove the cable mounting bracket.



20. Remove the 3 metal sleeves and 3 rubber bushings from the bracket.



21. Place the bracket back in the vehicle and carefully begin installing the solid bushings. Do the one that is easiest to get to first. Tighten the one so it's snug but a little play in the bracket remains. Complete the other two. Then tighten all 3 to 15-18ft lbs

➤ **NOTE: The female (thinner bushings) go against the transmission. Test fit the female bushings prior to installation. Some may need to be tapped in to place in the bracket.**



Congratulations!! You've now completed the installation of your new JBR Focus *ST* Solid Transmission Cable Bracket Bushings