



## **JBR 2013+ FORD FOCUS *RS* AND *ST* ADJUSTABLE SHORT SHIFT ARM INSTALLATION INSTRUCTIONS**

### **Tooling:**

- ✓ Ratchet wrench
- ✓ 6" socket extension
- ✓ 8mm, 10mm, 11mm and 13mm sockets
- ✓ Hammer (larger the better)
- ✓ Flat head screw driver
- ✓ Philips medium head screw driver

### **Included:**

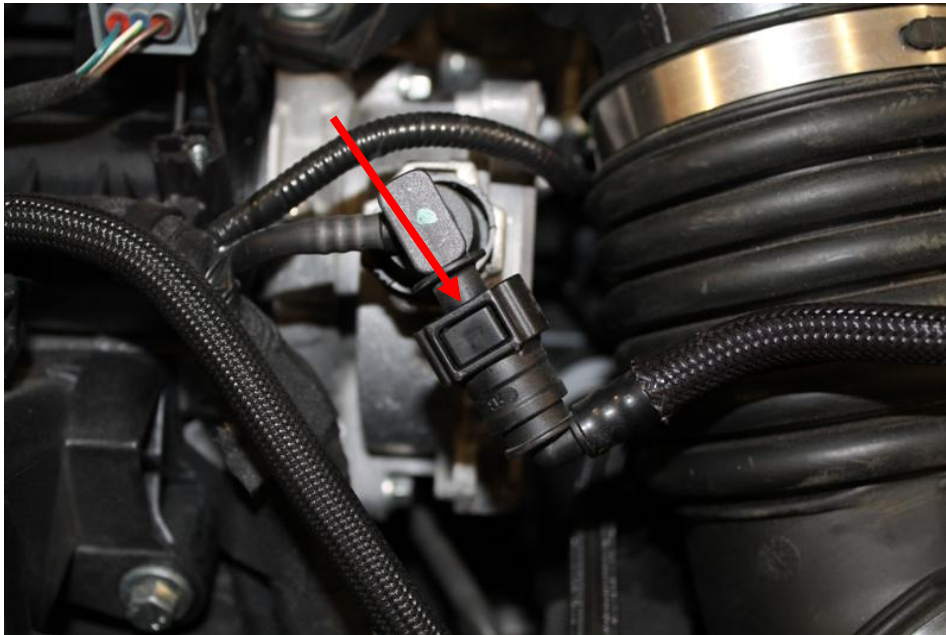
- ✓ 1 Short shift arm
- ✓ 3, 1/4 lb. counter weights
- ✓ 1, 1/4-20 x 2.25" bolt
- ✓ 1, 1/4-20 x 1.5" bolt
- ✓ 1, 1/4" flat washer
- ✓ 1, 1/4" lock washer
- ✓ 2, 6mm x 1.0 x 35mm bolts
- ✓ 1, 6mm flat washer
- ✓ 1, 6mm lock washer
- ✓ 1, 8mm x 1.25 x 45mm bolt
- ✓ 2, 8mm flat washers
- ✓ 1, 8mm lock washer
- ✓ 1, 8mm nut
- ✓ 1, Cable mounting stud

**Some hardware looks similar. Sort and identify the hardware prior to beginning the installation**

1. Using an 8mm 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. Push t he hose off.



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



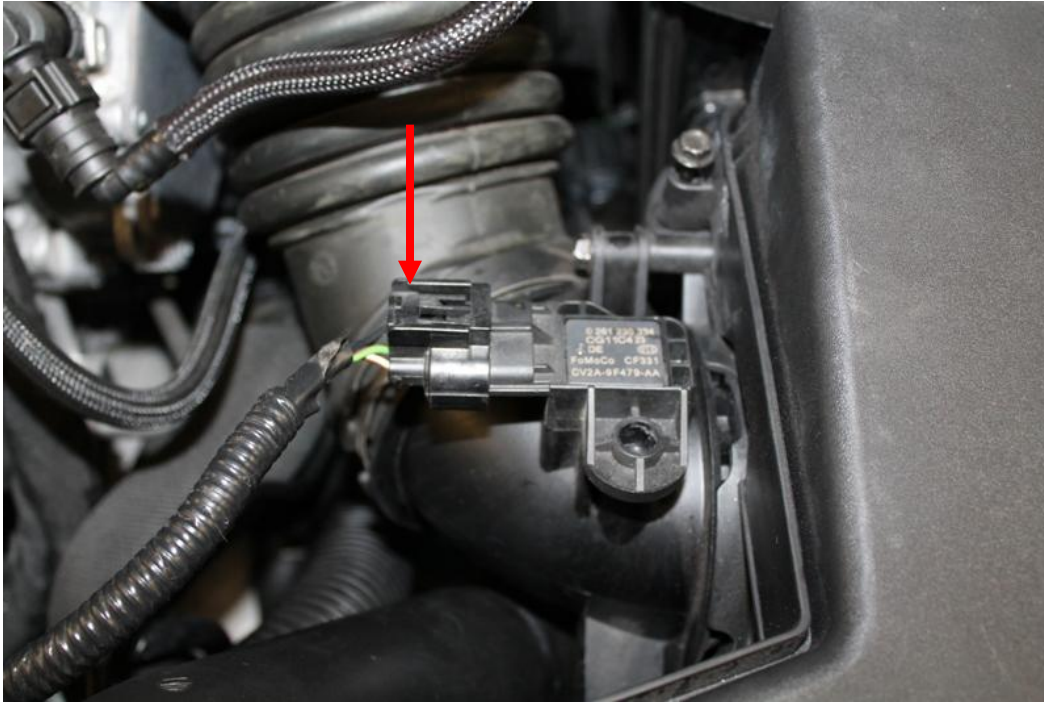
3. Unclip the rubber strap holding the cold air intake duct.



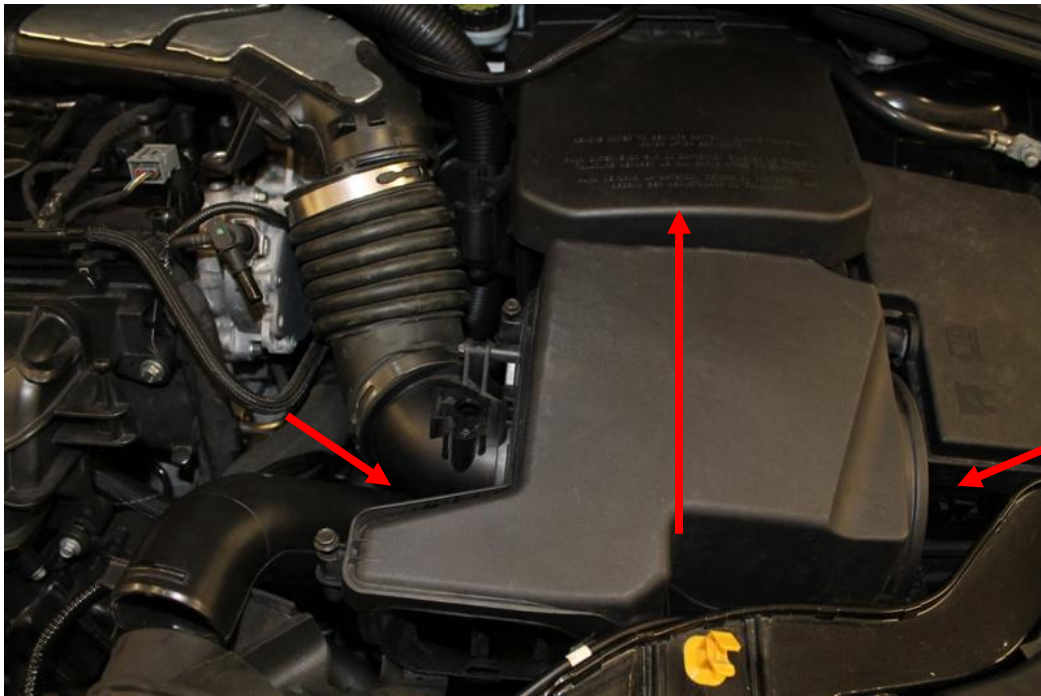
4. Remove the rubber strap securing the bottom portion of the air box to the front core support.



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.



- 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.**

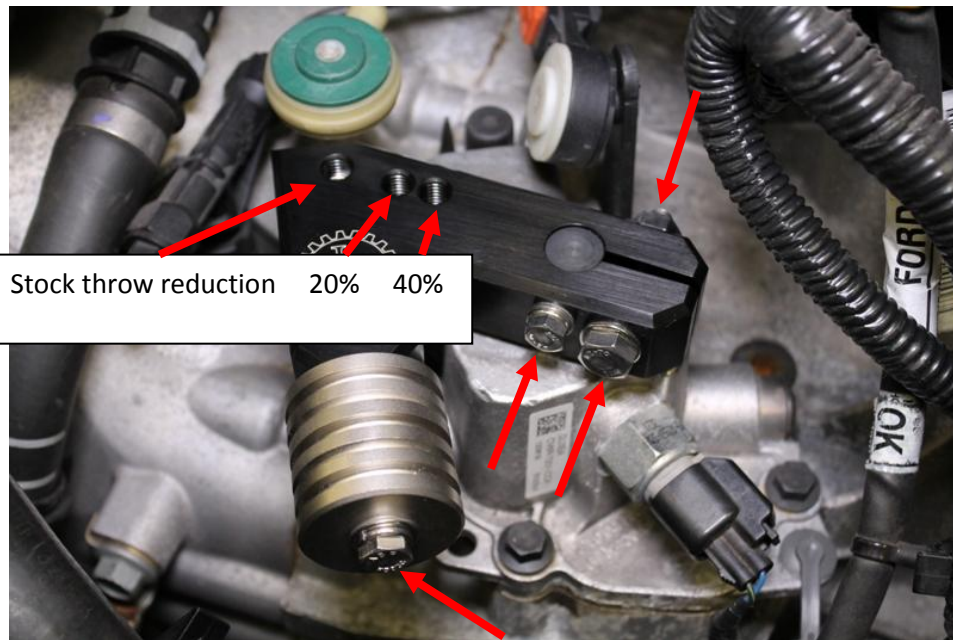


- Using a large hammer and one of the 6mm x 1.0 x 35mm bolts provided with your kit, drive out the roll pin that secures the OEM shift arm to the selector shaft on the transmission. **Discard this bolt when finished.**

- **NOTE – pivot the OEM shift arm so the roll points towards the front driver's corner to gain more swinging room for the hammer. Long blows will easily drive the roll pin out.**



9. Put your new JBR short shift arm onto the OEM selector shaft. Using the other 6mm x 1.0 x 35mm bolt, a lock washer and a flat washer, secure it to the selector shaft through the hole where the roll pin was. Tighten to 10 ft/lbs.
10. Place a flat washer on the 8mm x 1.25 x 45mm bolt and slip it through the hole on the end of the shift arm, add the 8mm lock washer and nut. Tighten to 25 ft/lbs.
11. To install the counter weights, place a lock washer and a flat washer on the 1/4-20 x 2.25" bolt if you plan to install all 3 weights or use the 1/4-20 x 1.5" bolt if you plan to only use 1 or 2 weights. No bolt is used when no weights are used.
12. Place a flat washer on the cable mounting stud and thread it in to the desired location and tighten to 10 ft/lbs. Pop the cable on to the mounting stud



**Congratulations!! You've now completed the  
installation of your new JBR Focus *ST*  
Adjustable Short Shift Arm!**