



## **MINI F56 COOPER S 2.0T QUICKSHIFTER**

### **INSTALLATION INSTRUCTIONS**

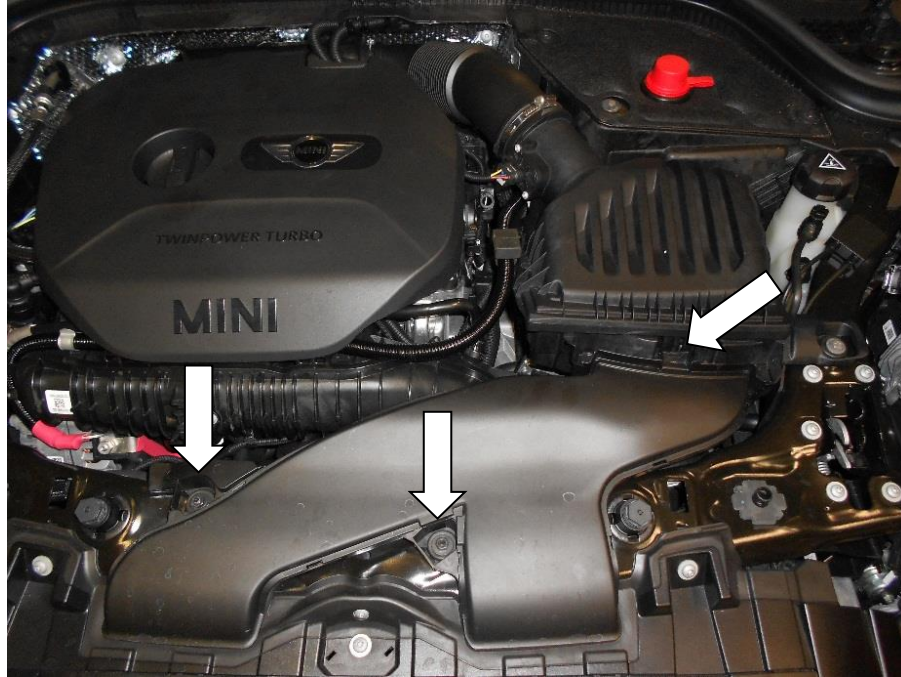


Please thoroughly read through and familiarize yourself with these instructions in their entirety prior to beginning any part of the installation process of any component. Please also ensure the vehicle and engine has cooled down sufficiently to avoid risking possible skin burns or other injury.

#### **Tools Required:**

- 10mm socket, extension bar and suitable ratchet.
- 7mm Hose clamp driver or flat blade screwdriver.
- 10, 15, 17mm C – spanner
- 5mm Allen key

1. Allow the vehicle to cool down fully before starting the installation. Open and secure the bonnet.
2. Using a 10mm socket, extension bar and suitable ratchet undo the two nuts. Unclip the intake duct where it meets the airbox and remove it from the vehicle.



3. Carefully disconnect the wiring from the sensor on the intake.



4. Using a 7mm Hose clamp driver or flat blade screwdriver loosen the hose clamp.

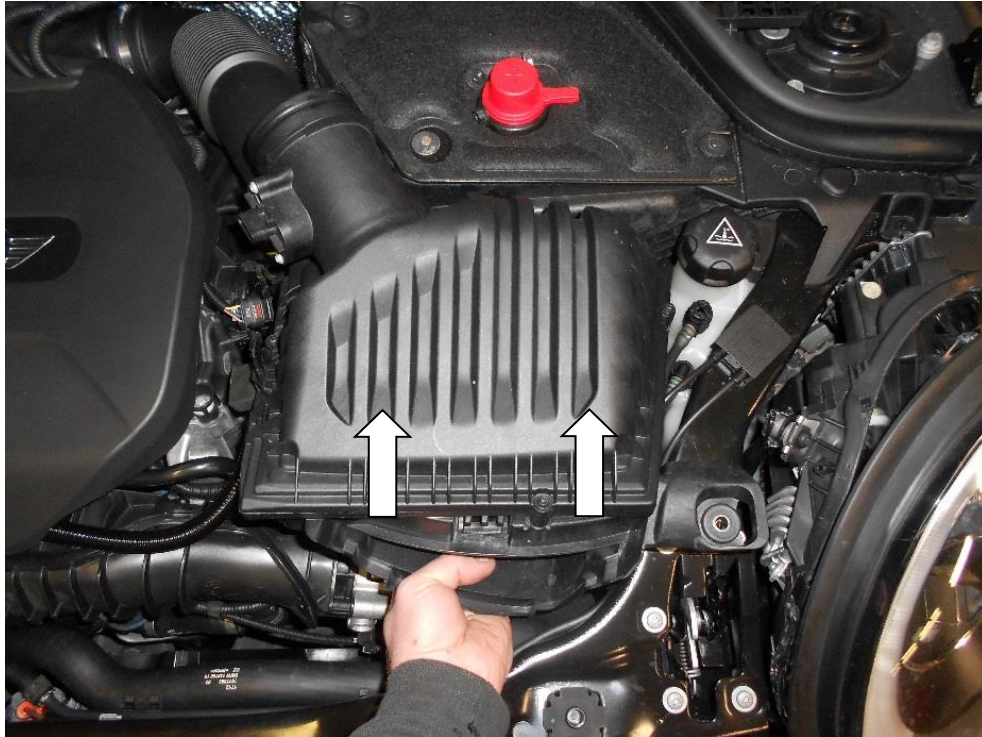


5. Using a 10mm socket, extension bar and suitable ratchet undo the bolt on the airbox bracket.





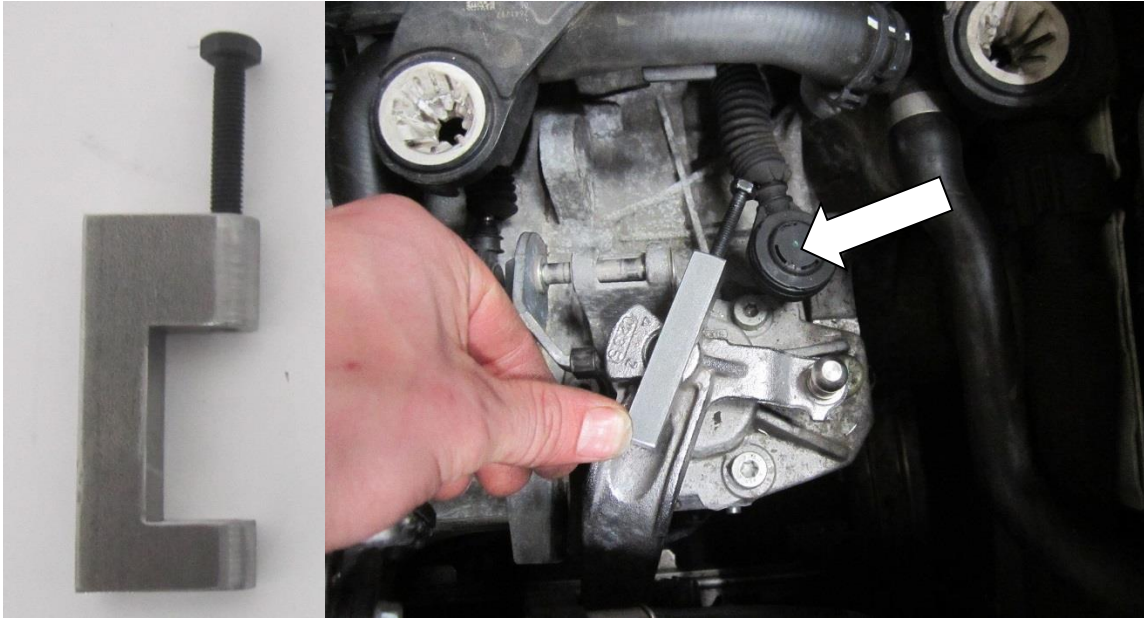
6. Pull the intake pipe away from the airbox pipework and firmly pull the airbox upward to release it.



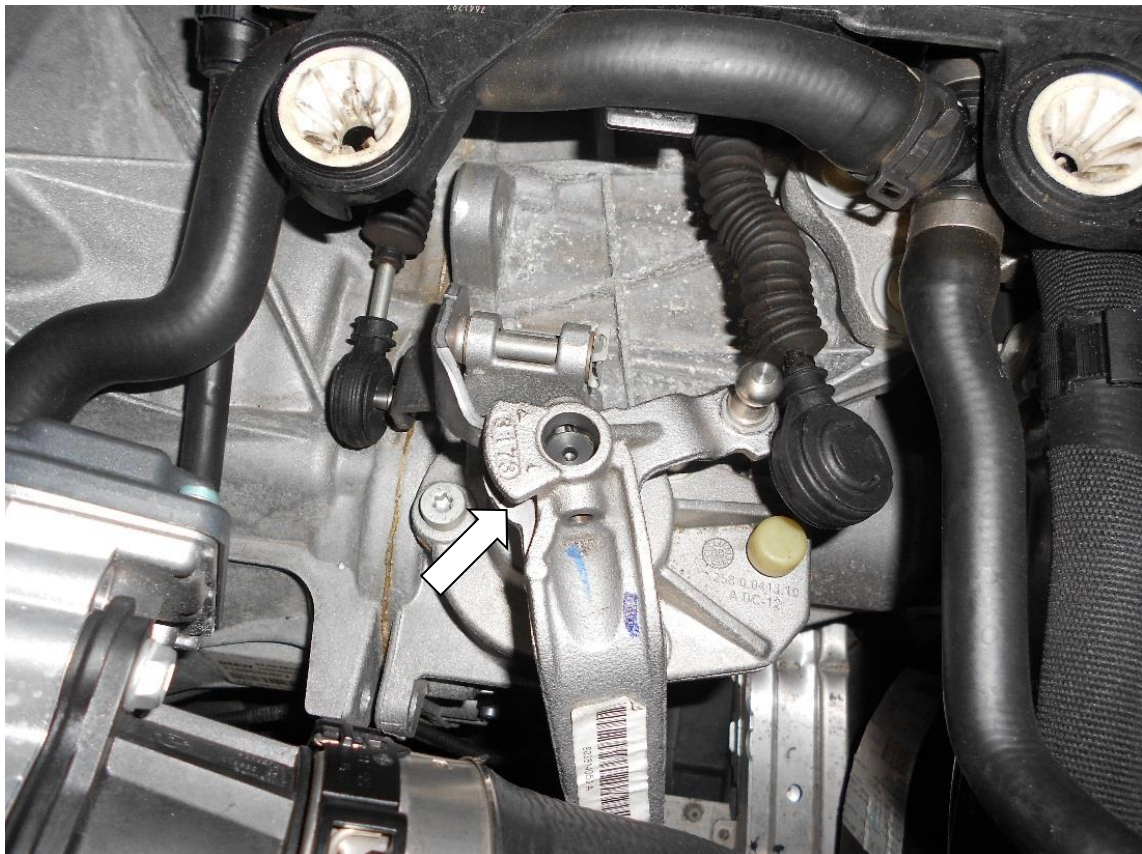
7. Select Reverse gear to give the best access around the gearshift mechanism.
8. Use a 17mm c-spanner or similar size to assist with the removal of the shift cable ball-joint.



9. Place the Forge pin removal tool in position and using a 10mm Socket tighten the bolt to remove the locking pin.



10. Carefully pull the shift arm upwards to remove it, a pulling tool is recommended for doing this if any corrosion has set in.

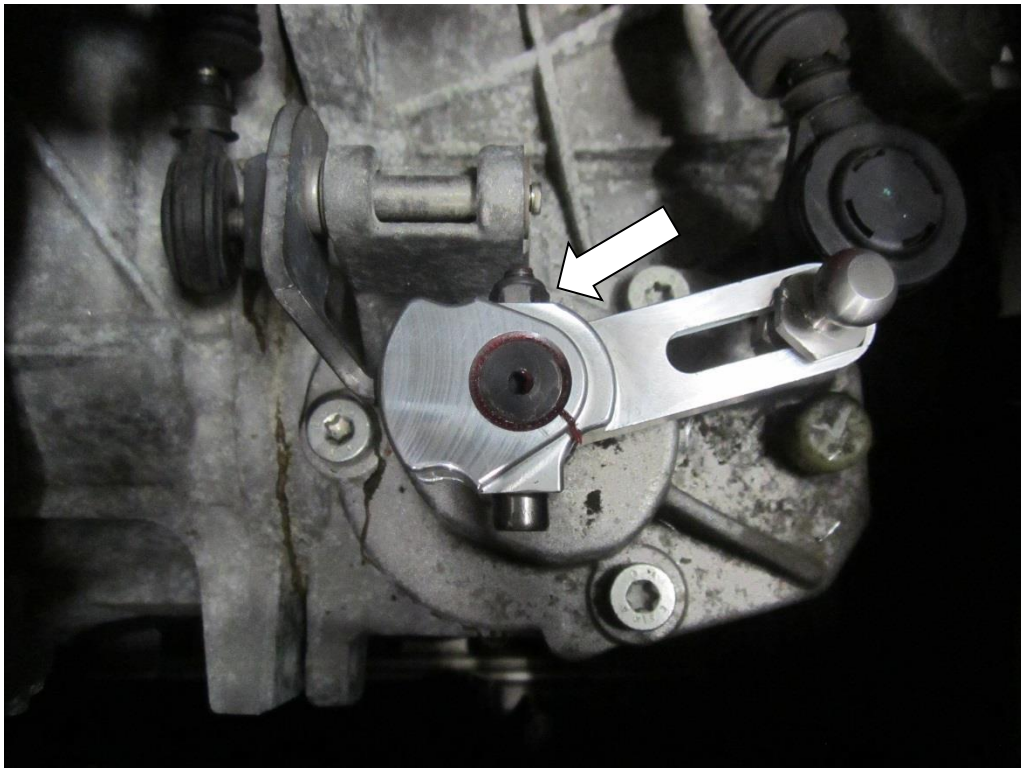




11. Using a 16mm spanner, tighten the adjustable ball in the required position. Closer to the selector shaft will give a shorter shift and further away will give a longer shift.



12. Prior to fitting the Forge quick shifter, make sure the selector shaft is clean and lubricated if possible. Secure the Forge quick shifter in position using the M6x40 allen cap head bolt and M6 nyloc nut provided. Ensure the up and down shift arm is correctly located.  
**DO NOT USE EXCESSIVE FORCE OR A HAMMER TO LOCATE THE QUICK SHIFT.**



13. Ensure that all gears can be selected before reassembling the vehicle.

14.



15. The installation should now be complete. Enjoy Your New Performance!

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