



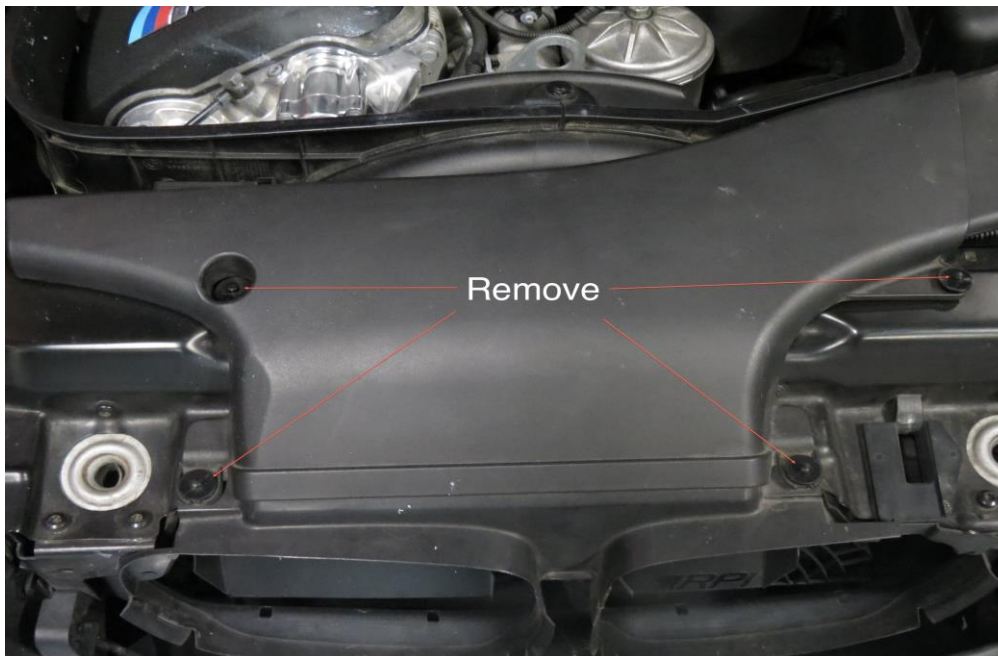
Air Intake Temperature Relocation Kit Installation Instructions

Tools Required:

- TTFS AIT relocation kit
- Needle nose pliers
- Small flat head screw driver
- Drill with a 29/64 inch drill bit
- Electrical tape
- Wire cutters
- A Pair of pliers or vise grips
- 3/4 open end wrench

Installation Procedures:

Step 1- Open hood, locate the four push pin clips on the intake air dam. Use pliers or small flat head to remove the clips, remove plastic intake air dam.



Step 2- Remove Secondary air dam elbow which connects to factory air box by taking each side of the elbow and pulling up.



Step 3- Using a drill and 29/64 inch drill bit, drill a hole in the center of the right side of the plastic air dam elbow. (*Note- Make sure to remove all plastic shavings before moving on to the next step.*)



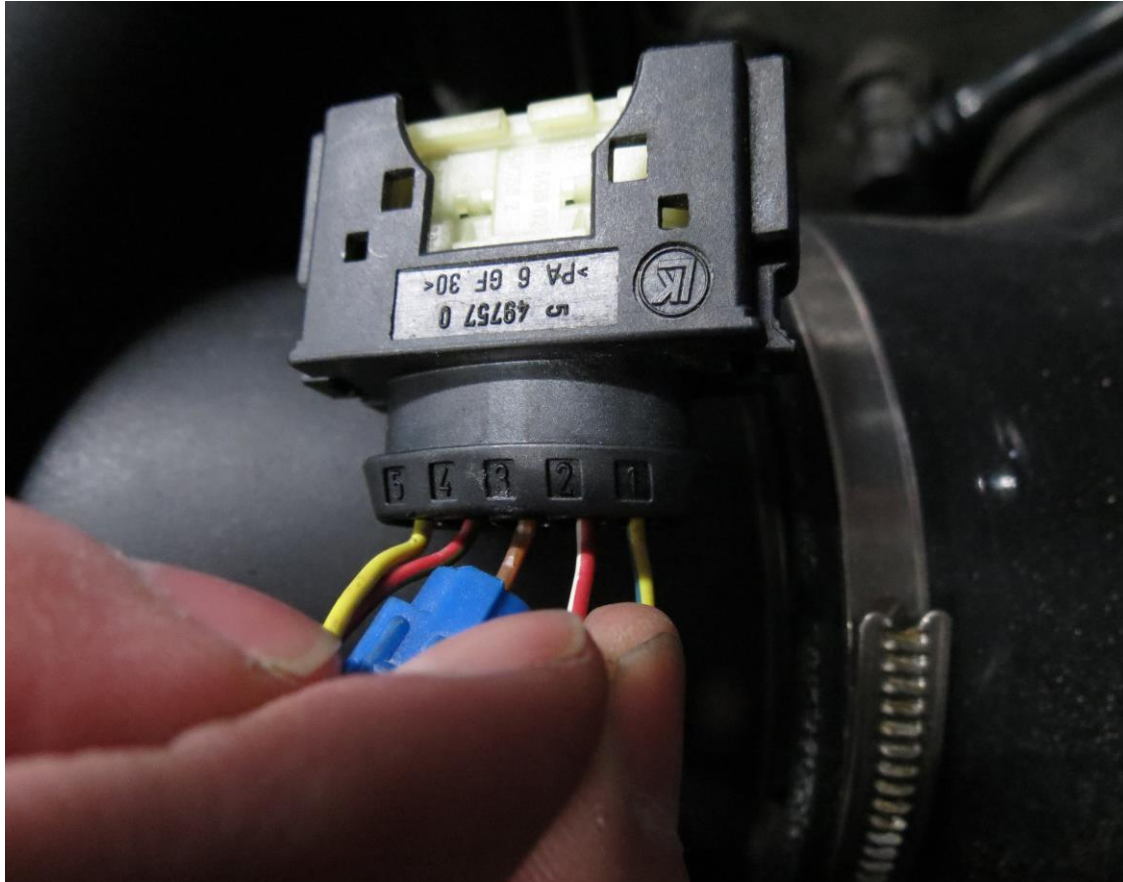
Step 4- Acquire the **TTFS AIT Sensor** from kit, remove the nut from the sensor. Install sensor into previously drilled hole into air dam elbow. (Note- The sensor may have to be screwed into the hole due plastic elbow and the threads of the sensor.)



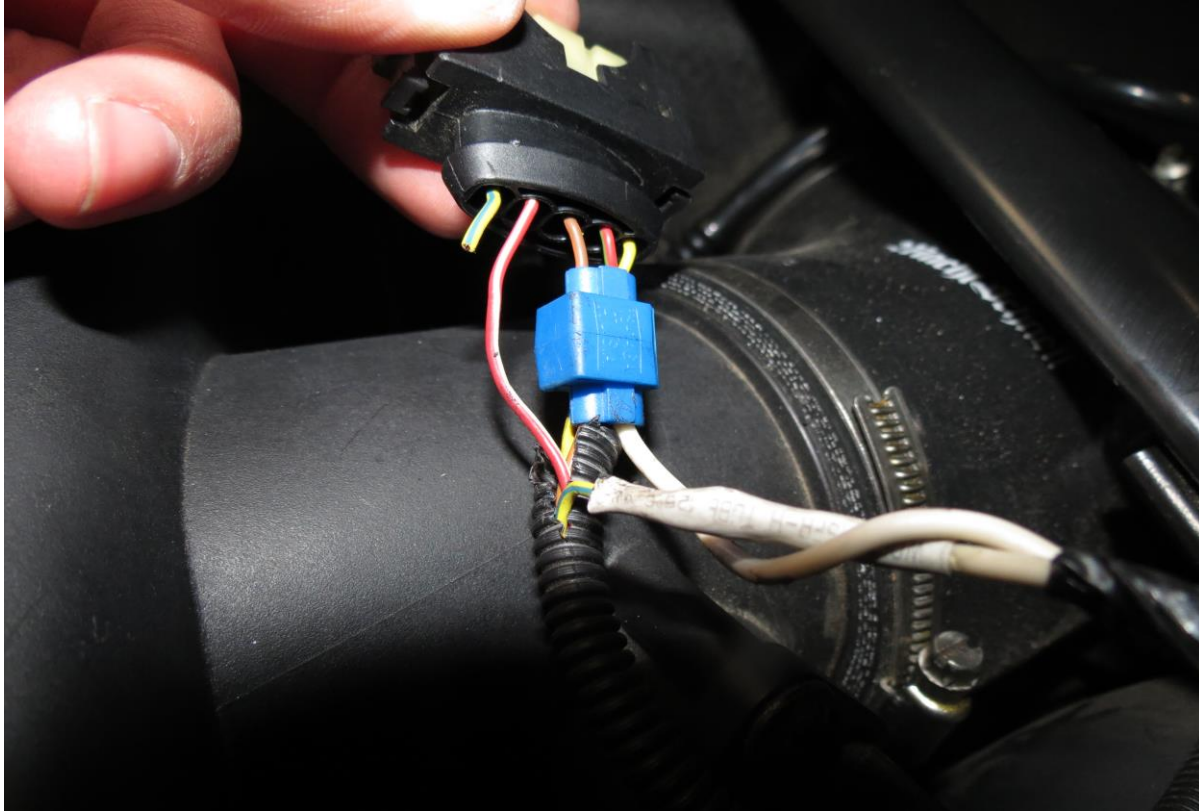
Once sensor is installed, install locking nut on the inside of air dam elbow using an open end and pliers or vise grips.



Step 5- Locate and remove Mass Air Flow sensor connector harness from mass air flow sensor. Flip over the connector harness and locate Pin 1 Wire and Pin 3 wire.

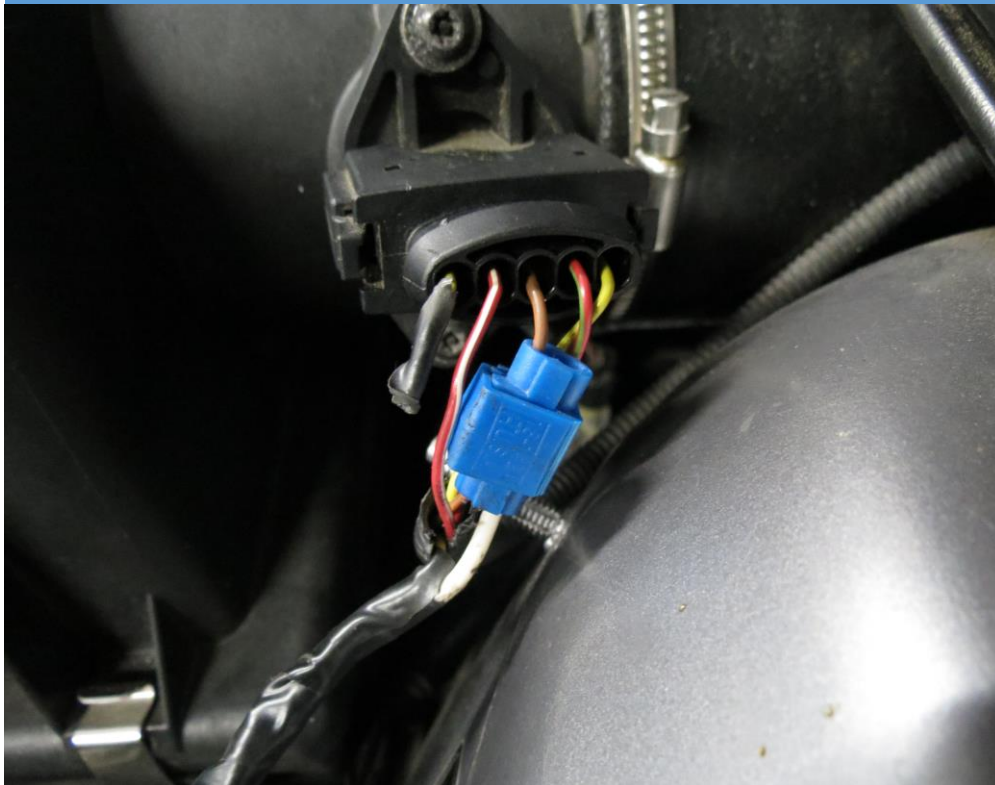


Step 6: Cut pin 1 wire, use provided butt connector to connect pin 1 wire to one of the two wires from air intake temp harness. (Note- The wire color on the Air Intake Temperature harness isn't important either of the two wires can be connected.) Once completed, use the vampire connector to piggyback the remaining air intake temp harness wire to pin 3.



(Note- Here we soldered and heat shrink wrapped pin 1 wire to air intake temp harness wire. Feel free to do the same if you are confident with soldering.)

Step 7: Using electrical tape, tape up pin 1 wire on the Mass Air Flow connector harness as well as the butt connector with connected pin 1 wire and air intake temp sensor wire. Reconnect the Mass Air Flow connector harness to Mass Air flow sensor. Tape or use black wire loom to cover air intake temp sensor wires from the mass air flow harness connector to the new air intake temp sensor harness connector.



Step 8- Reinstall the secondary air dam elbow with the **TTFs** AIT sensor installed. Connect the TTFs AIT connector to sensor, reinstall intake air dam and 4 push pin clips.



(Finished Product)

Clean up tools, make sure everything is taped up, connected and installed correctly. Close hood.

Step 9: Data log your new **TTFS** air intake temperatures with our **TTFS ProLogger** data logging software. You can download it from our website: www.tuningtechfs.com. (Please note that a K-Line cable is required to use **ProLogger**. *This can also be purchased on the site.*)

TTFS thanks you for your purchase!