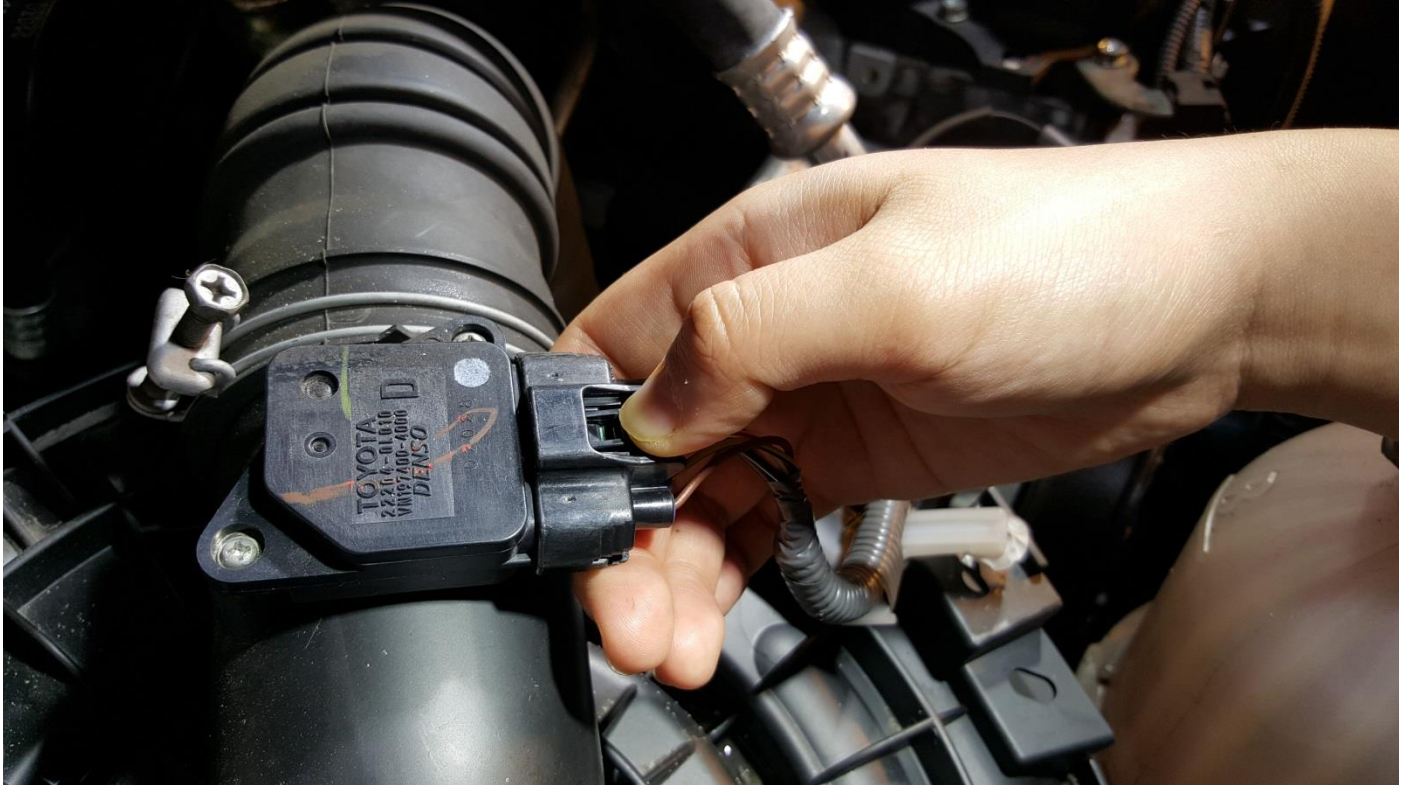


Quick Installation Guide Manual Mapper

Just 6 steps to Finish!

Each step takes about 30 seconds, but fixing the Main body to firewall may take some time.
So easy to install just 6 steps in total.

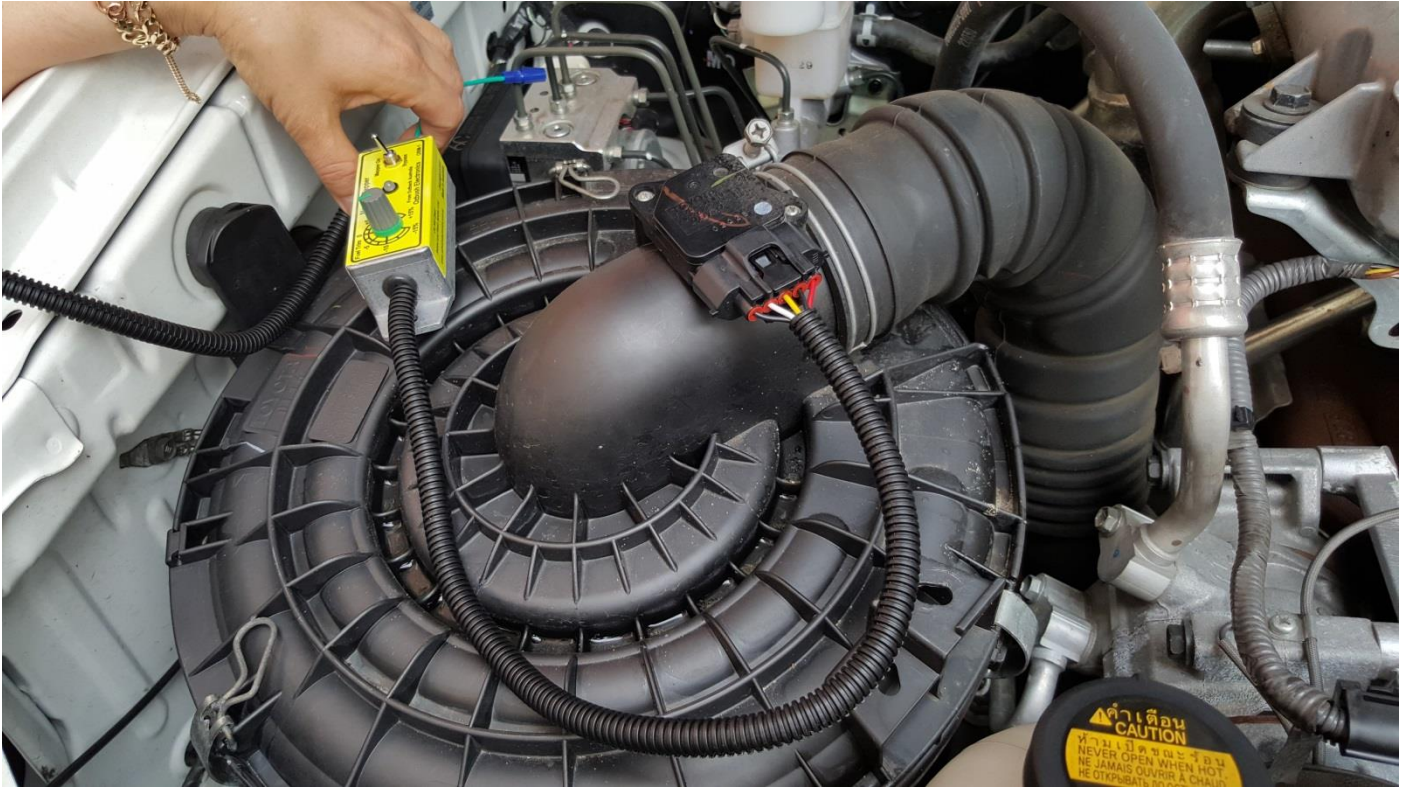
Locate the MAF sensor then push down the releasing tab firmly, then pull out the connector.
Please do not wiggle up and down (plastic housing will crack) but you can wiggle left to right to unstick the connector while you are pushing down the releasing tab firmly.



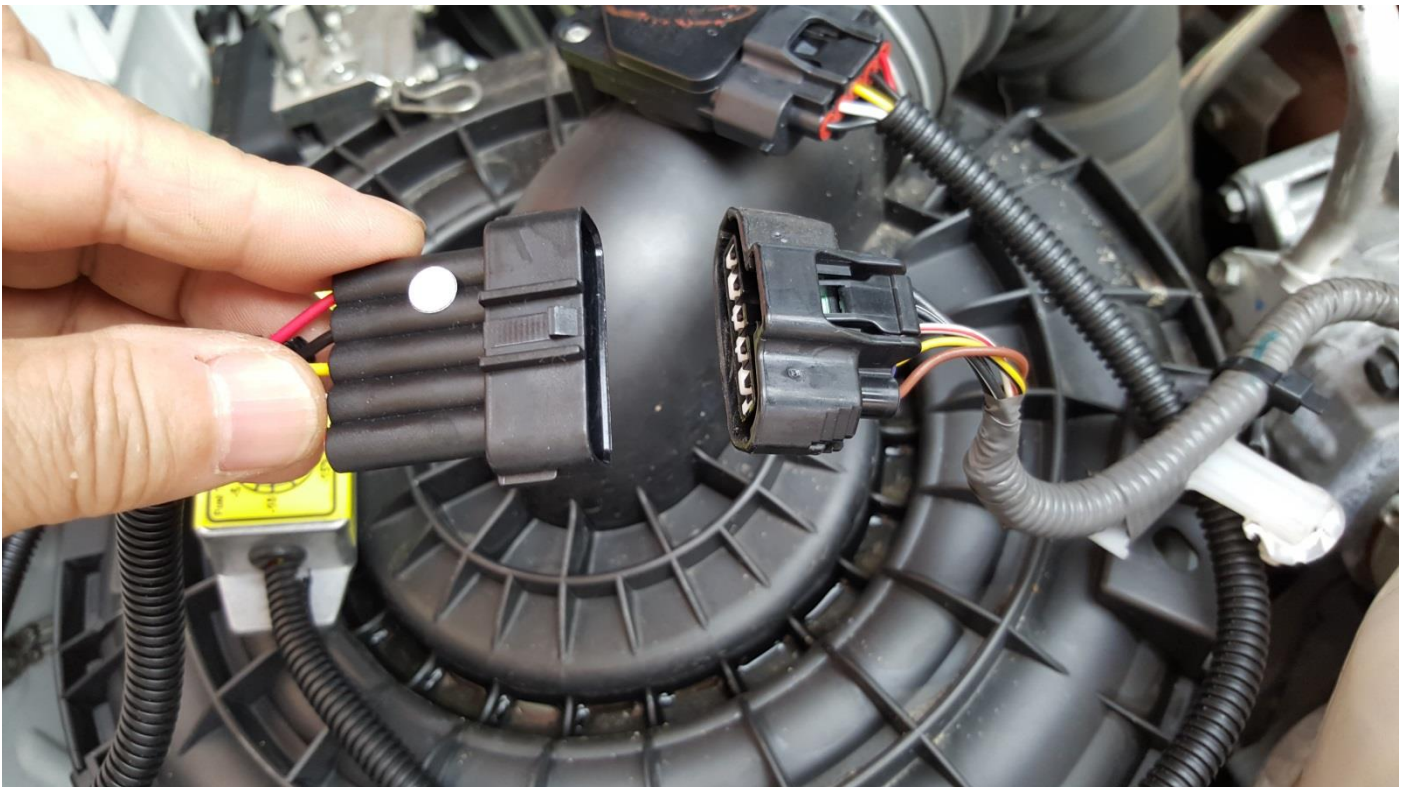
First step, Disconnecting the MAF sensor connector. Maximum 30 seconds.



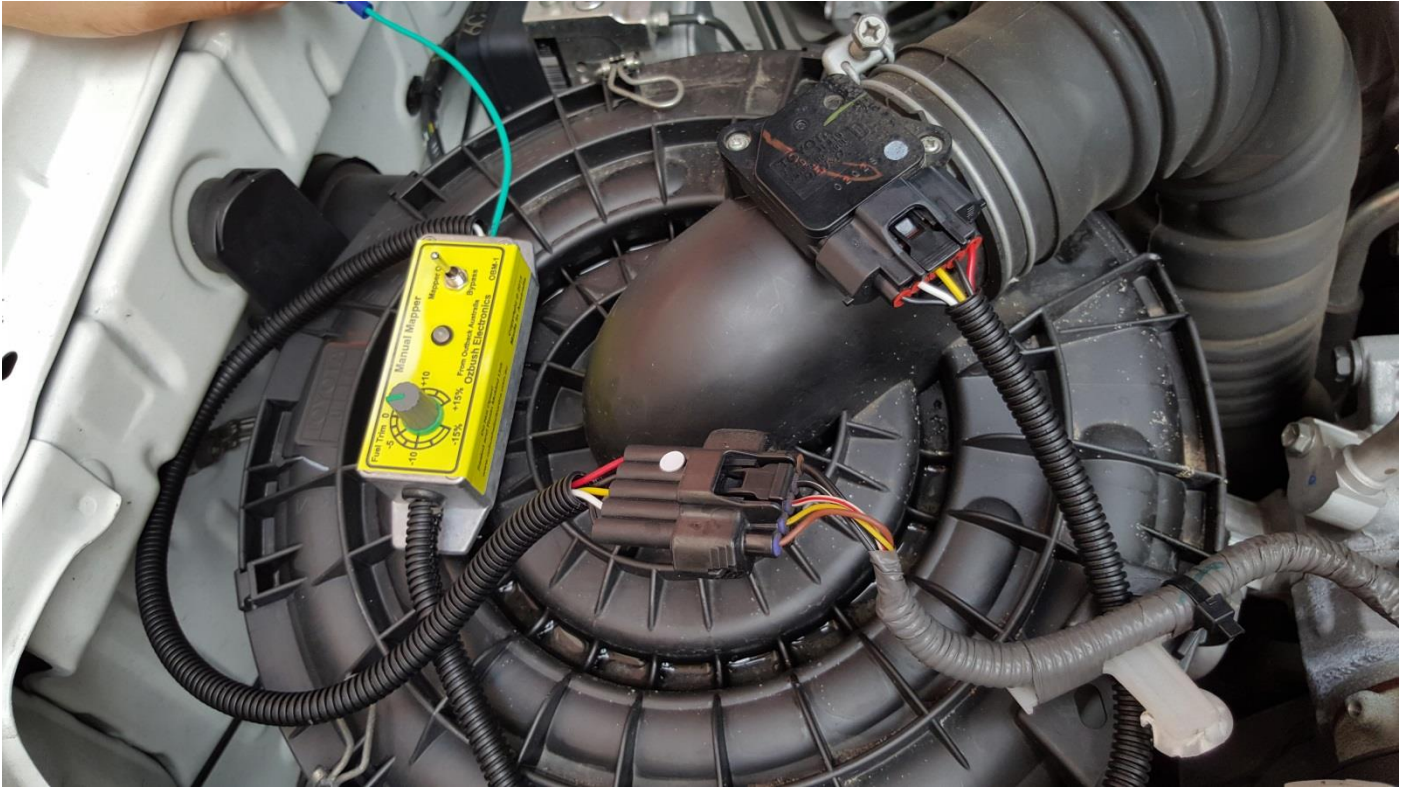
Second step, plug in a Mapper connector into MAF sensor.
Push in firmly until you hear or feel the “click”. Maximum 30 seconds.
(That is not my hand, it’s my daughter’s)



Third step, Connect the other Mapper connector. Maximum 30 seconds.



Manual Mapper is now fully wired as a fuel trimmer. A Customer who wishes to enable EGR suspend mode, continue the installation otherwise, the whole wiring is finished all you have to do now is fix the Mapper unit body to suitable location away from heat.



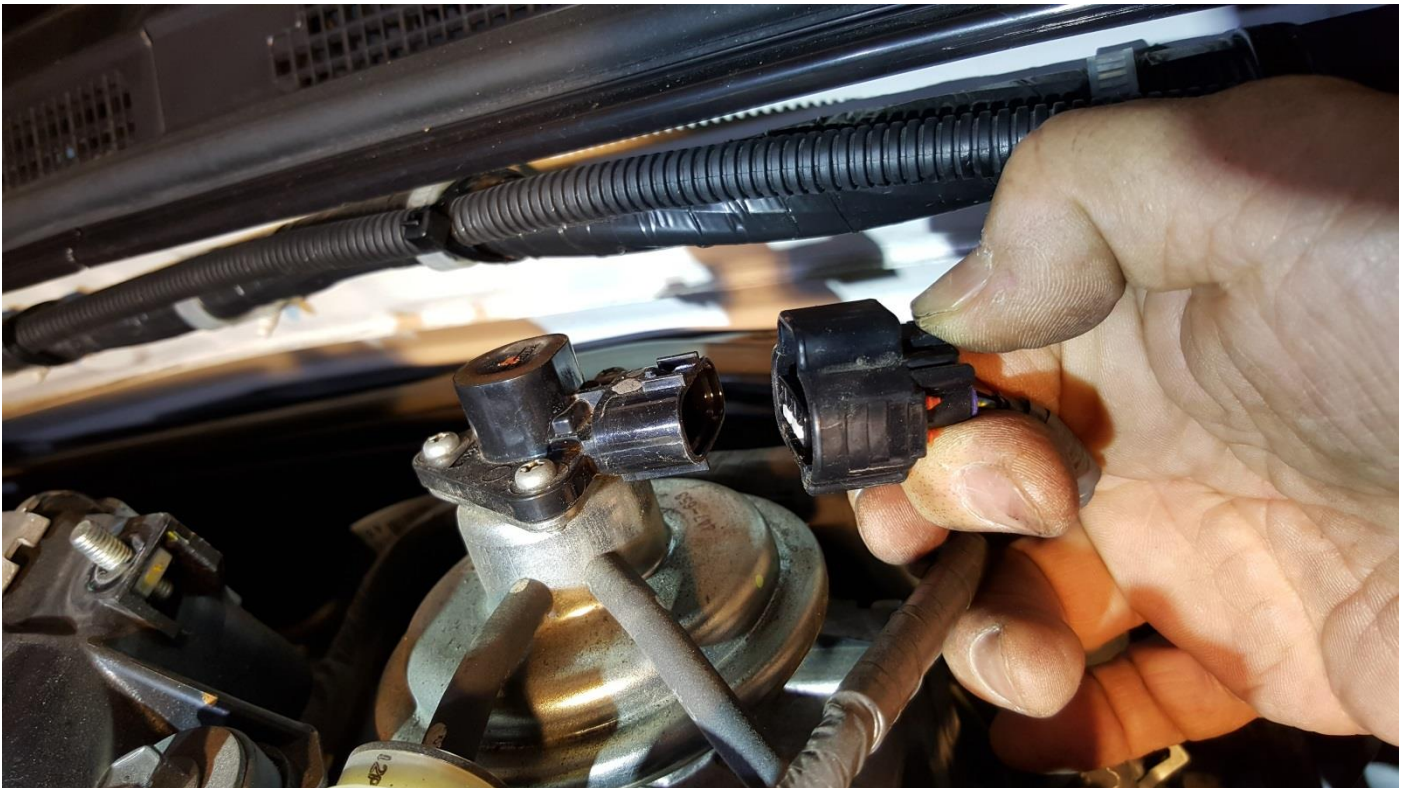
The Fourth step, connecting the EGR harness to Mapper (single green wire with blue plug). Maximum 30 seconds.



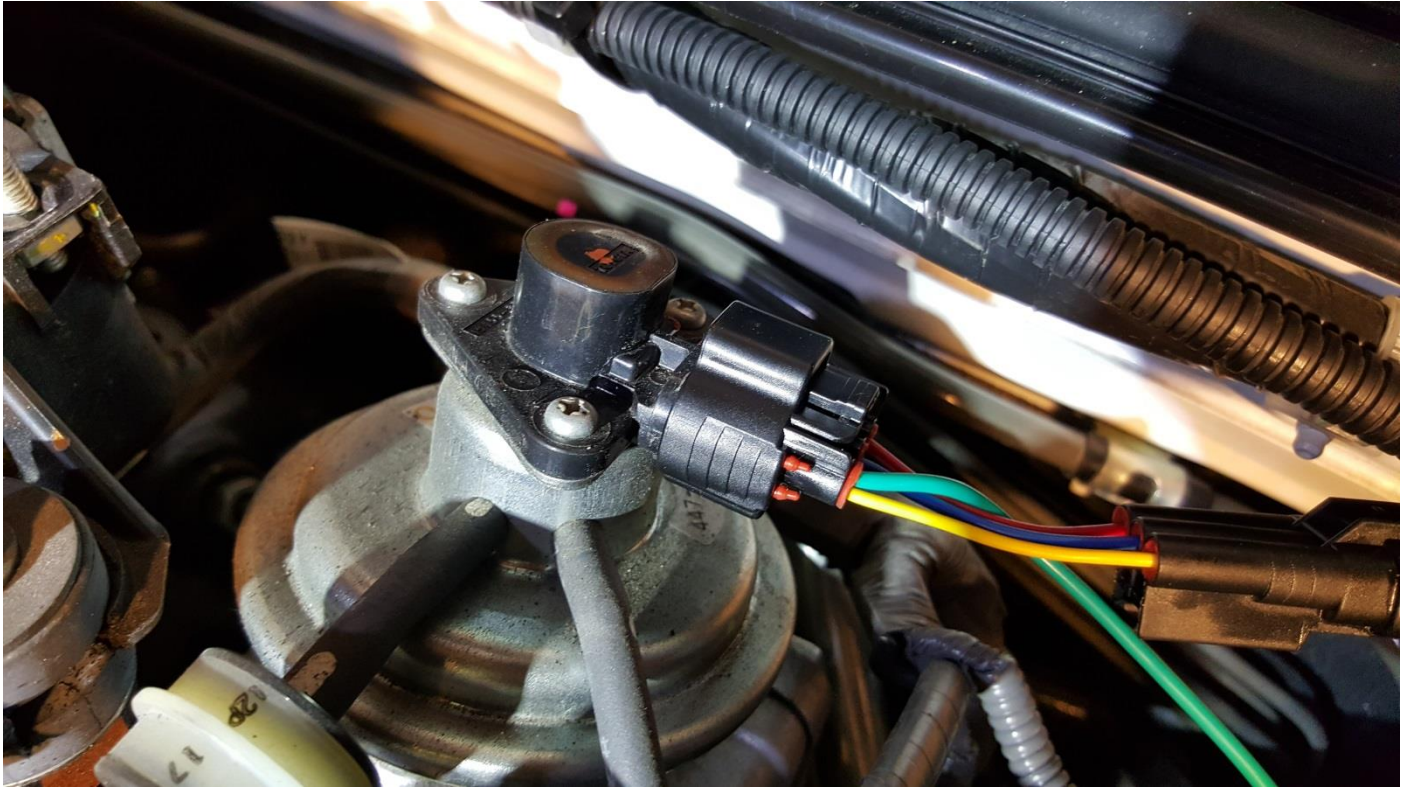
The EGR harness is organised right across the behind the engine following the main wiring loom.



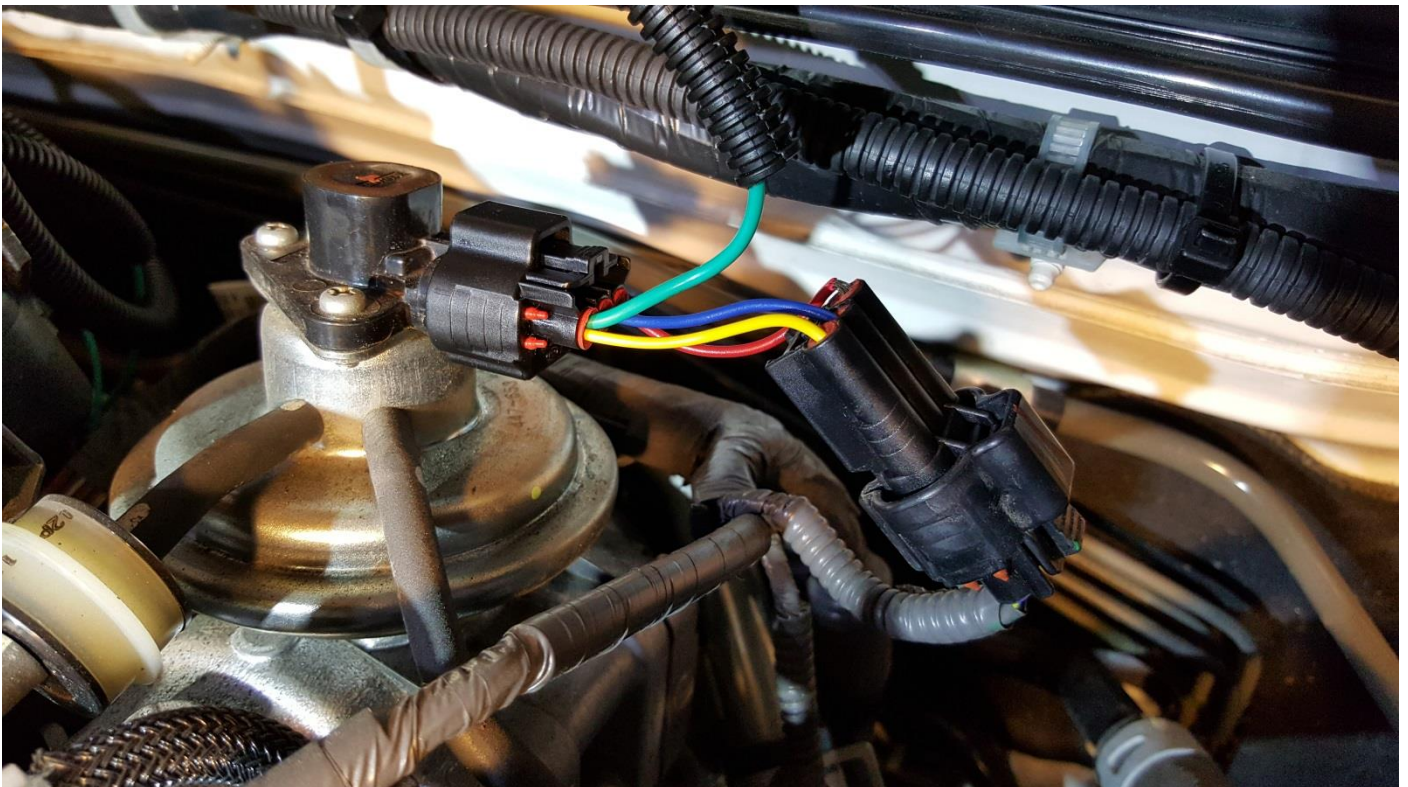
Fifth step, Now unplug the EGR valve position sensor connector. Unplug it same way as MAF sensor plug. Maximum 30 seconds.



Sixth step, Plug female EGR harness connector to the EGR valve position sensor. Maximum 15 seconds.



Plug male part of the EGR harness into the original connector. Maximum 15 seconds.



All done, Please give enough slack for EGR harness. The engine moves and vibrates a lot. Do not tie up the EGR harness too close to the engine. Give at least 10 inches of slack to move together with the engine.



Fix the Mapper body to suitable position away from heat. Please do not drill the hole directly through the Mapper wiring using the body as a template. The Mapper cables can be damaged easily. Drill two holes (105mm) first, then use two self tapping screws to fix.

You can also use two cable ties to fix into the thick main wiring loom. The Mapper body only weighs light 140g.



The whole installation is really easy. It is based on Toyota Hilux but it applies to all other cars in same wiring principle. I always fix main body first, then connect everything within 3 minutes. Nothing to cut, solder or splice.