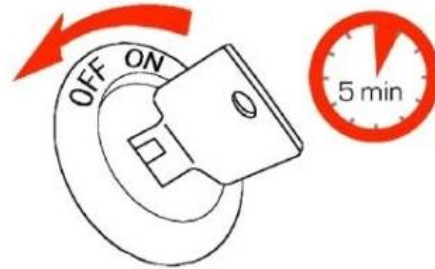




## How to install Active 8 Module in a F Body M3/ M4 –S55



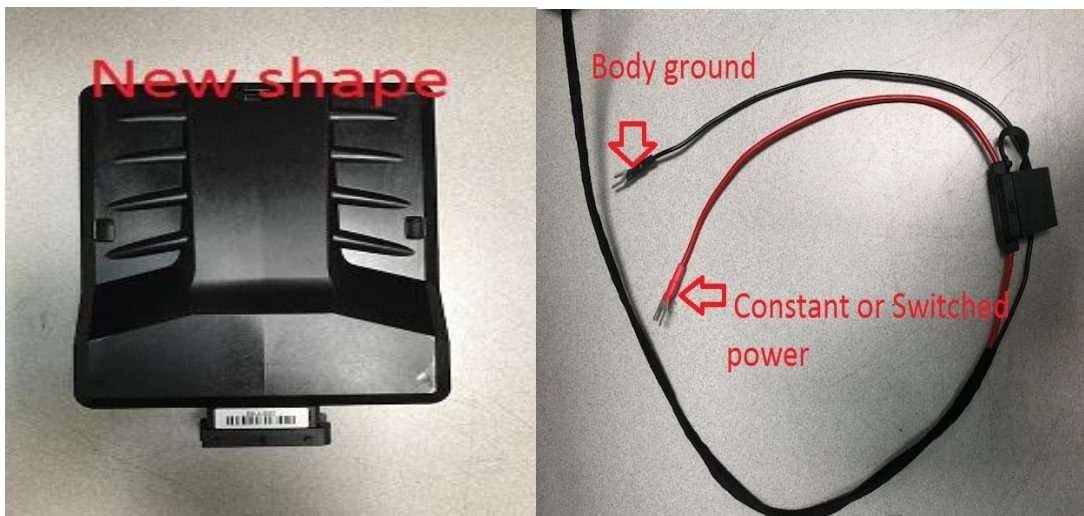
- Turn the ignition off.
- Open hood.
- Remove the ignition key
- Close doors.
- Do not open any doors while installing the Active 8 Module kit. (will trigger fault codes)
- Wait for 5 minutes before beginning the installation (ECU will need to go to sleep)



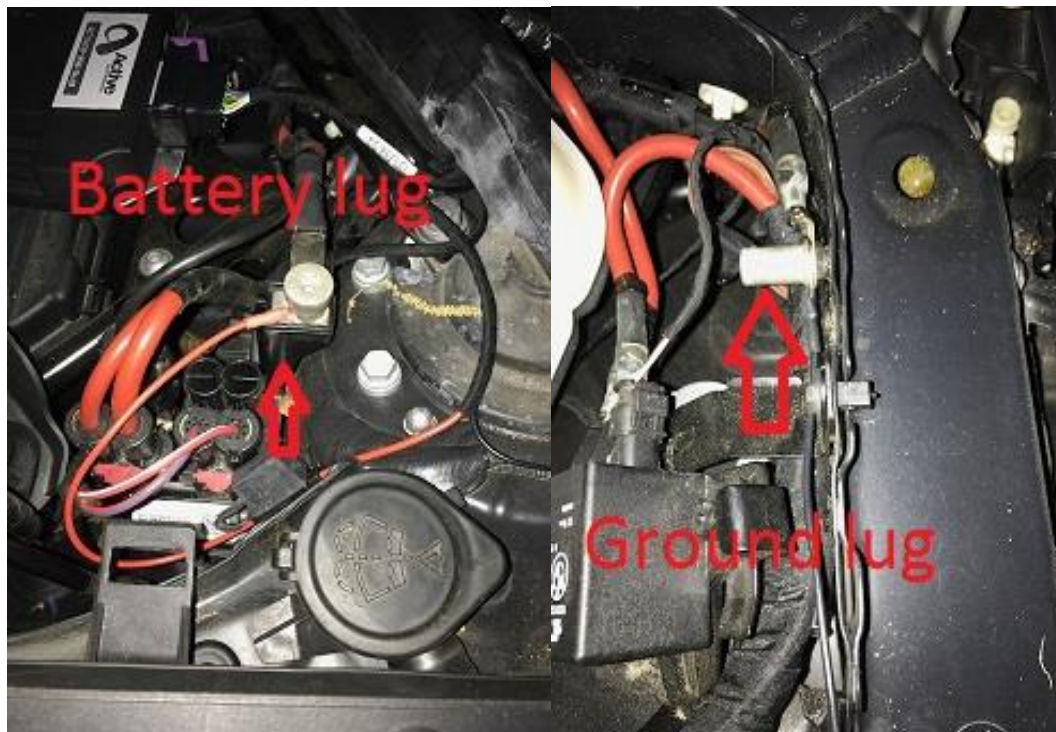
Please note Active 8 boxes and wire looms may not look like pictures. Over time the boxes have changed shape and size. Some looms do not have plastic covering so that will fit better under engine cowlings.

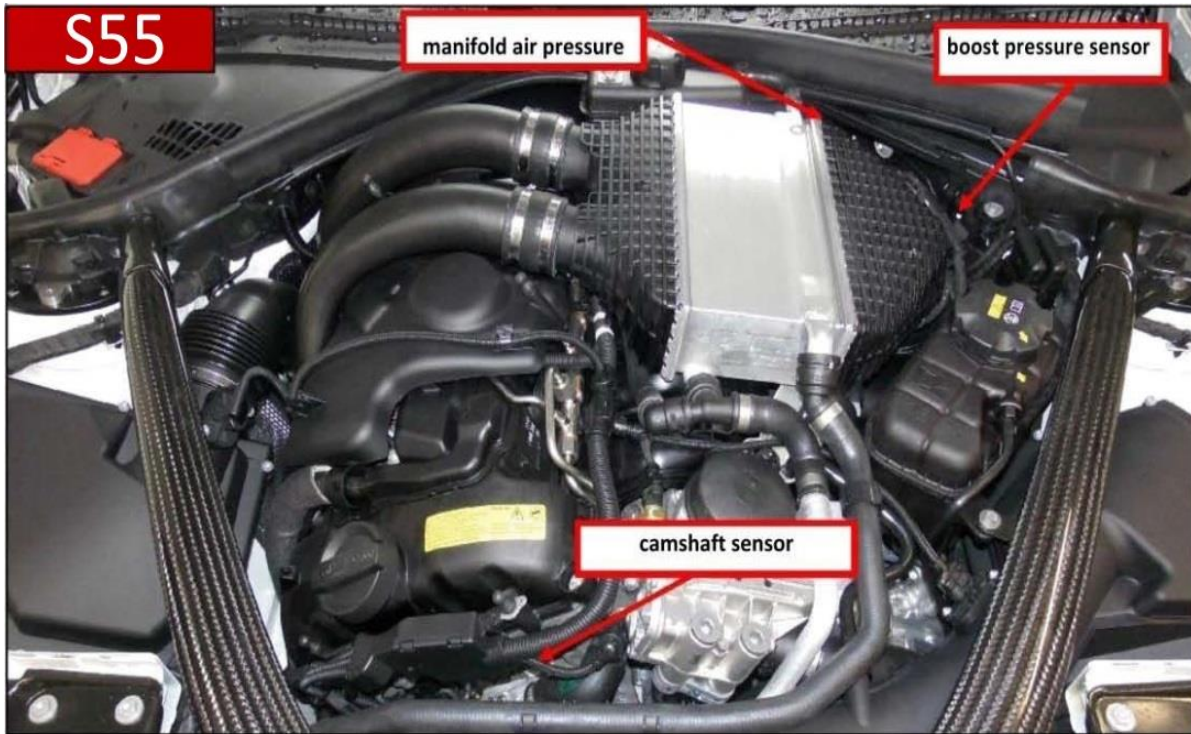
On some looms, a separate power and ground wire has been added.

Mounting options can vary with shape of box



Most cars power can be attached to Battery terminal under hood. Ground to body lug or any chassis bolt.

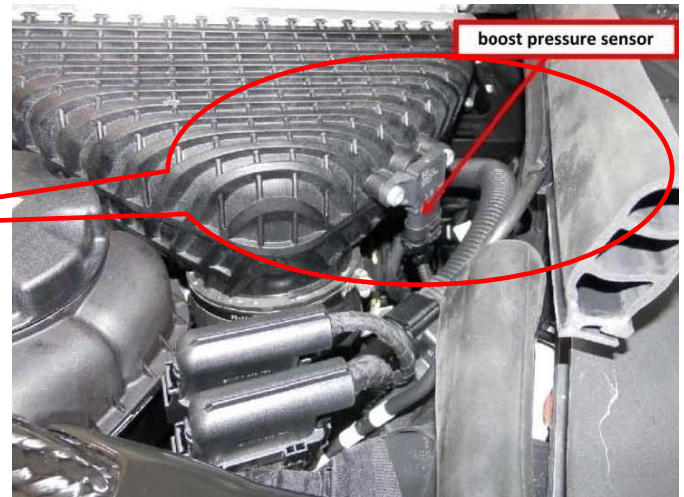




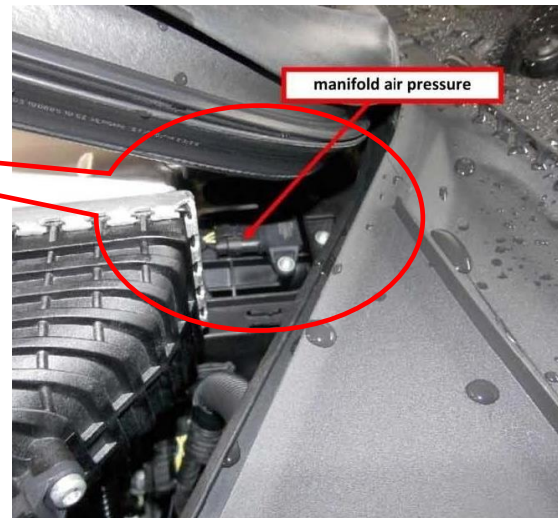
The Active 8 harness will have 3 labeled connectors. Boost pressure sensor, manifold air pressure and the camshaft sensor. On most applications the boost pressure sensor will be before the throttle (usually throttle body or throttle pipe) while the manifold sensor will come after somewhere on the manifold.

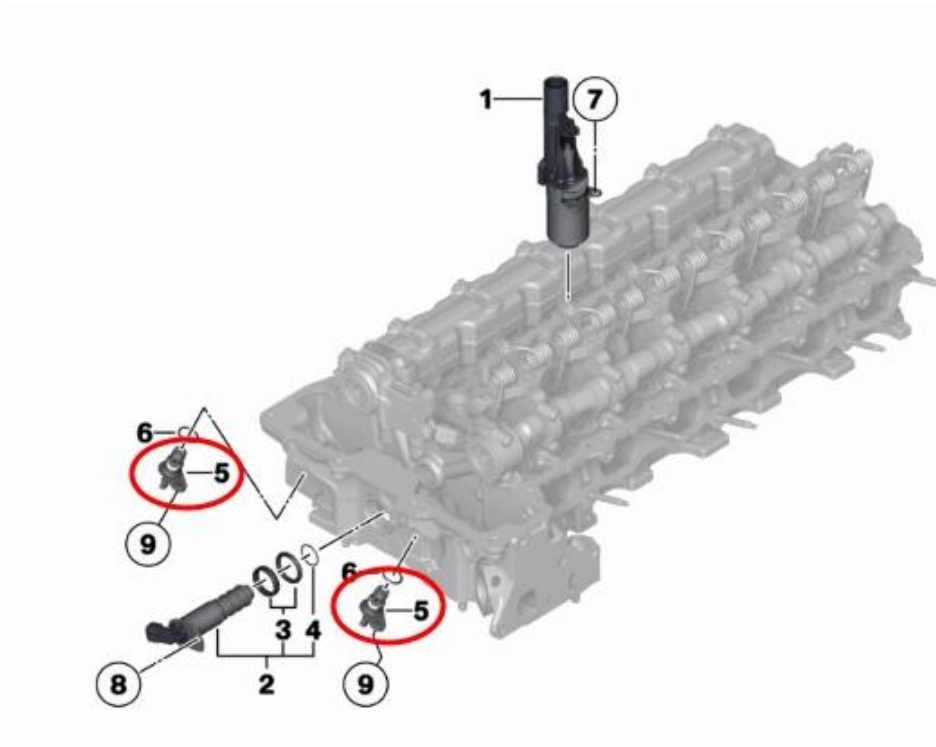
- Lay harness over engine to find a suitable path for cables away from heat sources and moving parts. Module will be mounted below panel, under passenger side windshield.
- Unplug boost pressure sensor connector (some have locking tabs). Connect boost pressure male connector on harness to sensor (locking Grey tab must be facing you), if not connector insert has to be rotated). Connect female side of harness connector to original sensor connector.



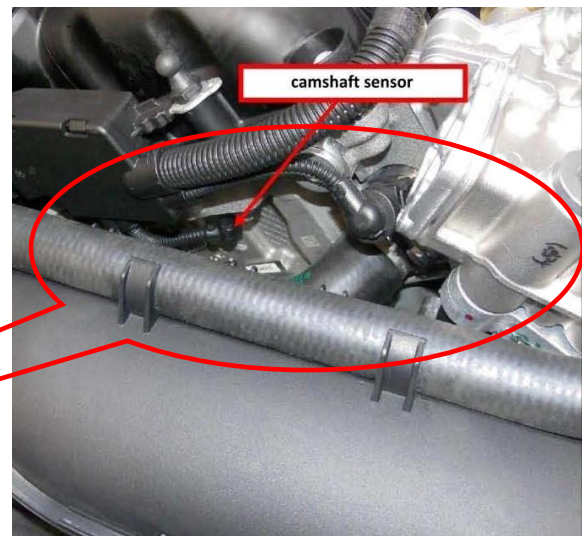
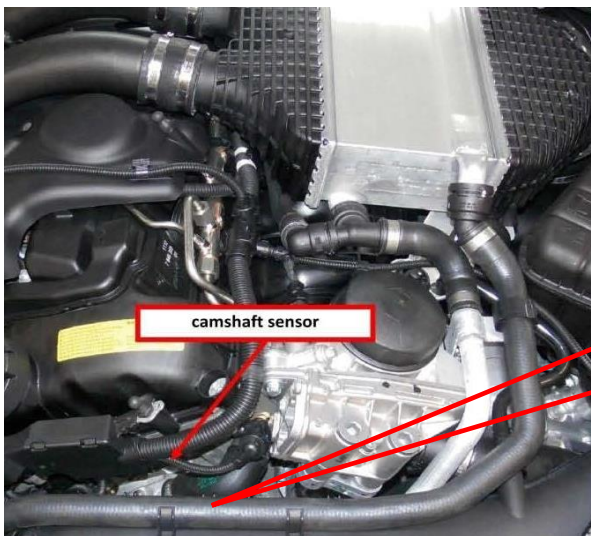


- **Manifold air pressure: (Below intercooler coolant bottle)** unplug the wire from the manifold sensor (may require the use of a small screw driver or pick) then connect the manifold pressure connector from the Active Module harness.





- **Camshaft position sensor:** Unplug the wire from the camshaft position sensor (#5 in diagram)(may require the use of a pick) (since Cam sensor only provides RPM, Intake or Exhaust sensor can be used) plug the Cam sensor harness



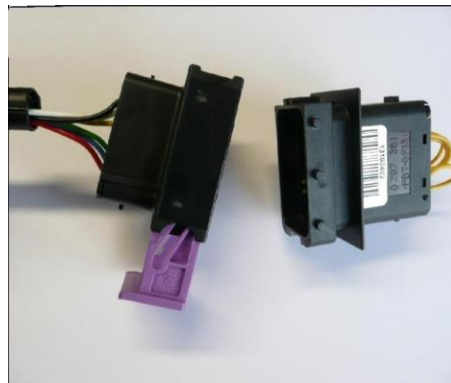
connector into sensor making sure it is fully inserted (only about 5mm of plug should be seen)

- Connect female side of harness to original factory plug.

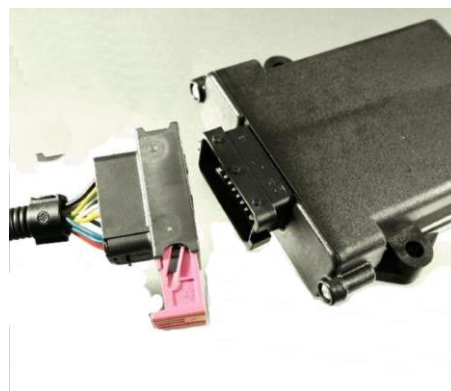
- **Note:** Tab with hole on female side of harness, sensor has similar tab that has to be lifted with pick to release male side connector.



- Before attaching the Active 8 Module, connect Bypass Bridge and start car to make sure harness connections are good. Leave car off for 5 minutes before taking off bridge and attaching module.

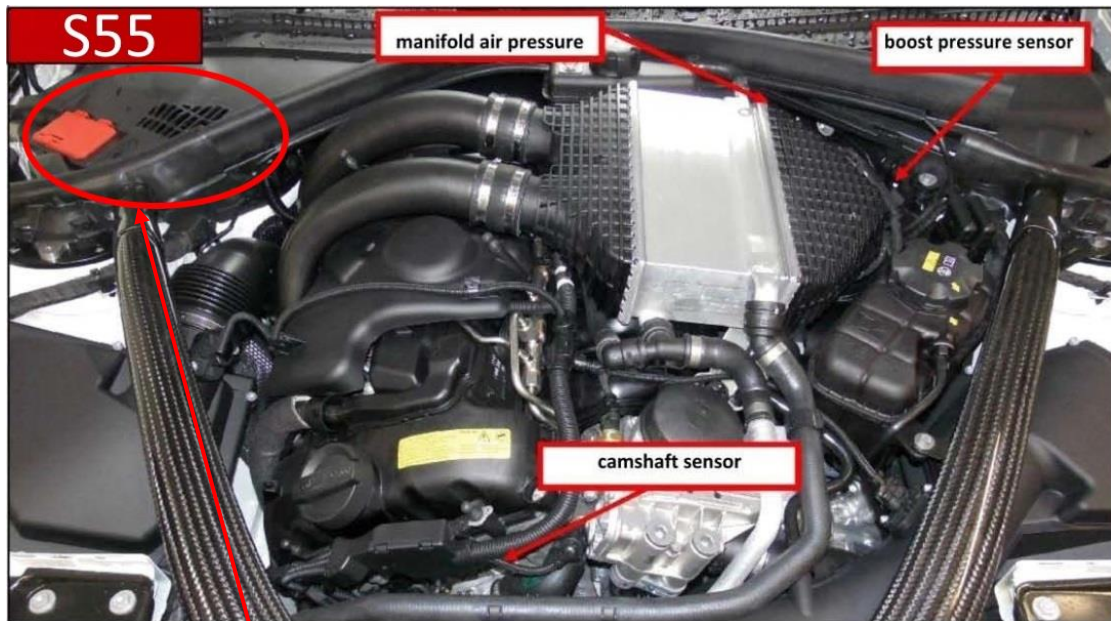


- Connect the Active 8 Module





- Location of the Active 8 Module:



Module is supplied with bracket that is attached to factory 6mm bolt on ECU box.





Find suitable path for harness through cowling.



Tie strap harness, replace covers, start car.