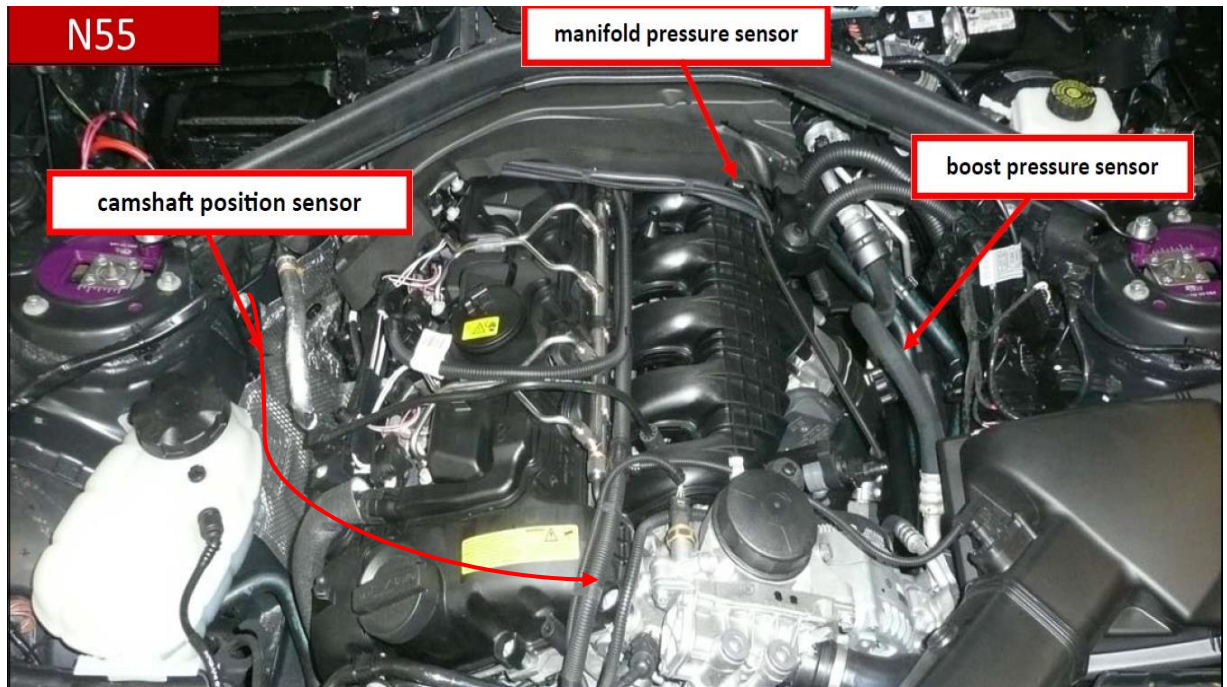




How to install a Active 8 Module in a F Body 2,3 and 4 series

- 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)





The Active 8 harness has 3 labeled connectors: Boost pressure sensor, manifold pressure sensor and the camshaft position sensor. Gen2 wire harnesses have an extra fused power wire and ground connection. On most applications the boost pressure sensor will be before the throttle (usually on the throttle body or throttle pipe) while the manifold sensor will come after somewhere on the manifold.

- Remove engine covers and 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.
- **Hint: Channel Cam sensor leg of the harness down center of engine along fuel rail towards the front. Red positive wire and Black ground wire can be routed along fire wall towards Battery lug. There is also usually a ground lug in that area. Connect fused positive wire to battery lug and ground to suitable chassis connection.**



- Unplug boost pressure sensor connector (some have locking tabs). Connect boost pressure male connector on harness to sensor (lock Grey tab), connect female side of harness to original sensor connector.

Boost pressure sensor



- Unplug Manifold pressure sensor (may require small screwdriver or pick) then connect the manifold pressure connector from Active 8 harness.



- Manifold pressure sensor connected to Active 8 harness.



- **Camshaft position sensor:** Unplug the wire from the camshaft position sensor (may require the use of a small screwdriver or pick) plug the cam sensor harness connector into sensor making sure it is fully inserted. (Only about 5mm

of plug should be seen). Connect original connector to female leg of Active 8 Cam sensor harness.



- **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.

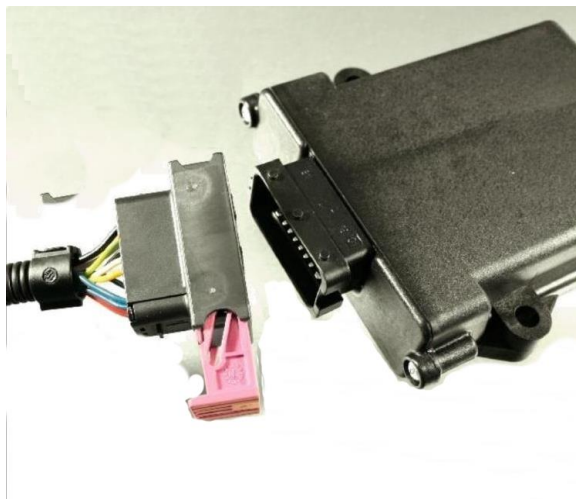


- **Note:** Oil cooler pipes in front of cam sensor can be removed to make access easier; however this will be messy and is only recommended for experienced techs.

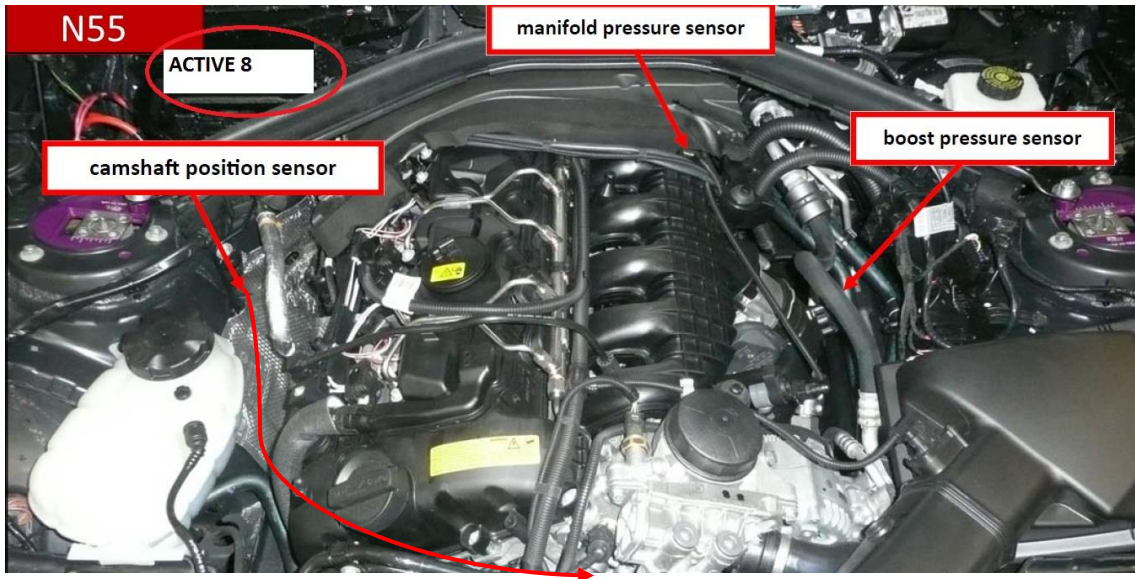
- Before attaching Active 8 module, connect Bypass Bridge and start car to make sure harness connections are good. Leave car off for 5 minutes before taking off bridge and attaching module.



- Connect Active 8 module.



- Location of the Active 8 Module



- Find suitable path through cowling for harness. Use original 6mm bolt from ECU box to mount module. **(Note: Red module used for picture contrast)**



- Tie strap harness and replace covers.