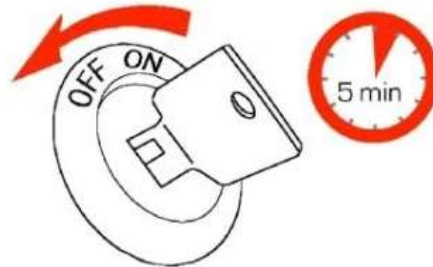


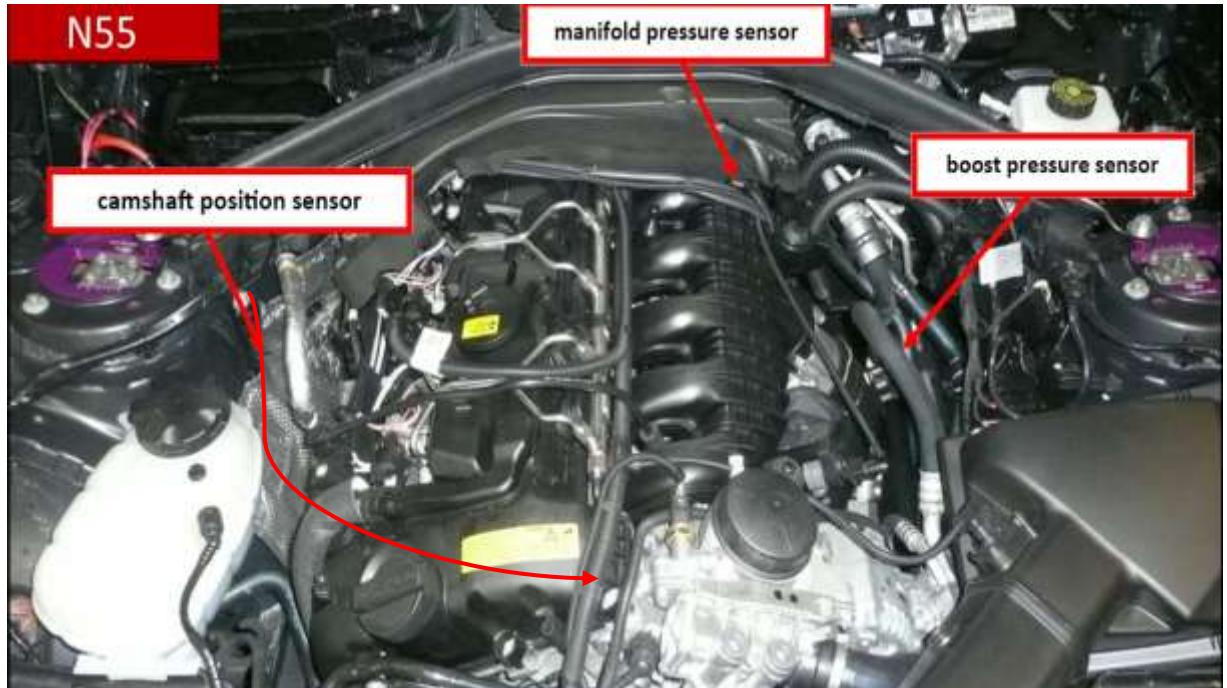


How to install a Active 8 Module in a E70 LCI X5 (N55 Motor)



- 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. 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 air box, lay harness over engine to find a suitable path for cables away from heat sources and moving parts. Module will be mounted in driver's fender next to coolant bottle.
- **Hint: Channel Cam sensor leg of the harness down center of engine along fuel rail towards the front.**

- 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.



- 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.**



- 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



- Attach bracket using original coolant bottle 6mm bolt.



Tie strap harness in place and replace covers and air filter box.

