

Installation of PROFLEX Commander for E46 M3

Begin by removing under trays on car to gain access to fuel line located on driver side.

Picture of stock fuel line removed.



Remove stock fuel line, both sides of fuel line have quick connects that only require pushing in on the sleeve or tabs to release the line. System may be under pressure so use caution when removing line.

Install new lines with fuel sensor in between 2 lines. Connect shorter 5.5" hose from the filter/regulator to the sensor with the plug for the sensor facing the front of the car. Then attach the longer 9.5" hose from the sensor to the hard line on the car as shown below.



Moving to the top of the car, you will need to remove the plastic cowling at the back of the engine compartment, this can be done with a T25 bit this will give you room to remove the fuel injector connectors from the injectors and allow you to route all the wires to the proper location in a clean and inconspicuous manner. All the connectors are housed in a single plastic cover over the top of the

injectors. Pull straight up away from the injectors to release from all of the injectors. There is a sensor on the front of the engine that can be unplugged to allow for more slack if needed.

Once all the injectors are unplugged, open the housing that holds all the injector connectors using a small pick or screwdriver, then the connectors can be moved out of the housing to allow for easier installation. At this point you can plug in all the PROFLEX Commander leads. Leads are laid out by length so they should lay out with the longest lead to the front of the engine. Once they are connected the extra wire length can be tucked under the housing for a clean look.



At this point you can route your fuel sensor wiring down the driver side of the engine compartment to plug it into the fuel sensor.

The PROFLEX Commander will sit next the ABS unit on the pass side of the car and can be mounted directly to the ABS unit if desired.

Connect the ground eyelet lead to the main ground terminal located in this area. ***NOTE: This step is very important!*** Make sure the connection is solid and clean.

Reinstall the cowling to complete installation.

Before plugging in the PROFLEX Commander unit, start the car to make sure all your connections are good and check for fuel leaks. Turn off the vehicle and plug in the PROFLEX Commander and you're ready to go!