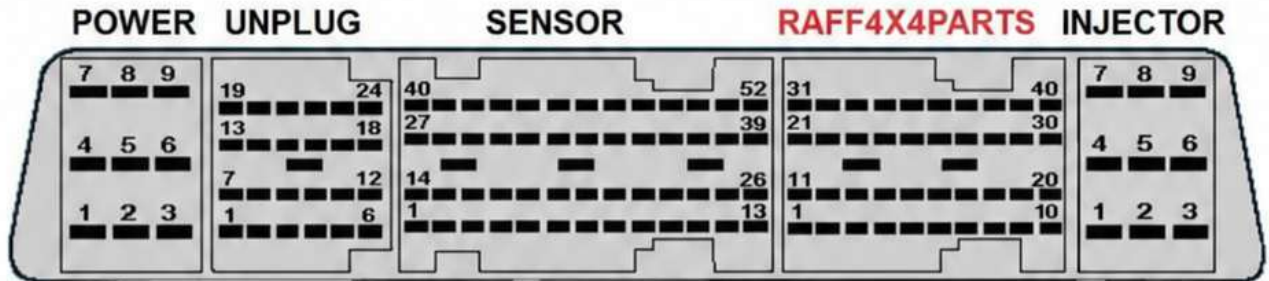


## Installation Instructions – BMW M57 EDC15 Stand Alone Harness

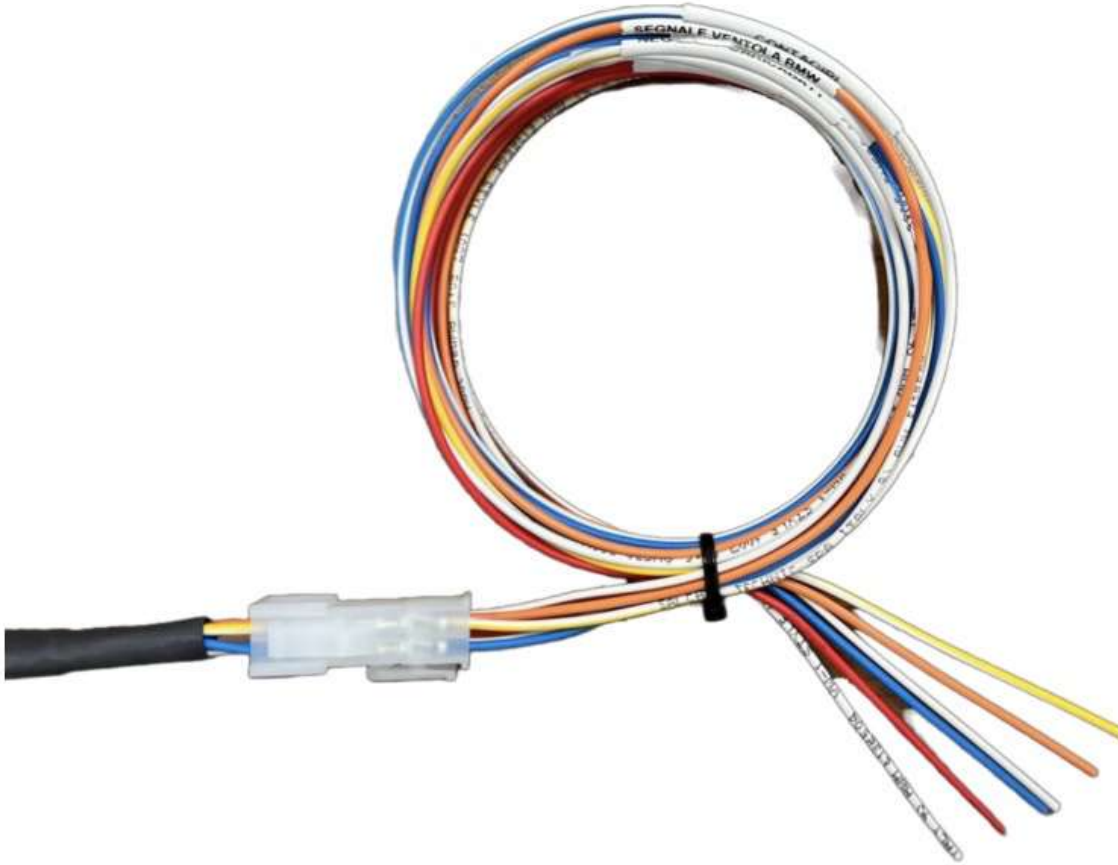


The wiring loom supplied has 4 connectors:

- Ecu connector port D (RAFF4X4PARTS)
- Pedal connector
- OBD diagnostic port
- Ground OBD (black wire)
- Positive OBD (red wire)
- Optional wires body loom connector



## Accessories wires



**White/yellow:** negative bulb lamp alternator

**Blue:** negative bulb oil lamp

**Orange:** pwm signal FAN radiator (only bmw original fan 3 wires)

**White/blue:** rpm signal tachometer

**White/brown:** negative relay fuel pump

**Red:** 12v ignition key ecu

**SAMPLE PHOTO (IS POSSIBLE CHANGE COLOR WIRES AND POSITION)**



**1 main relè (when you switch off the engine it remains active for about 8 seconds)**

**2 fuse box**

**3 input +12 battery**

**4 accessories (x6011)**

**5 ground**

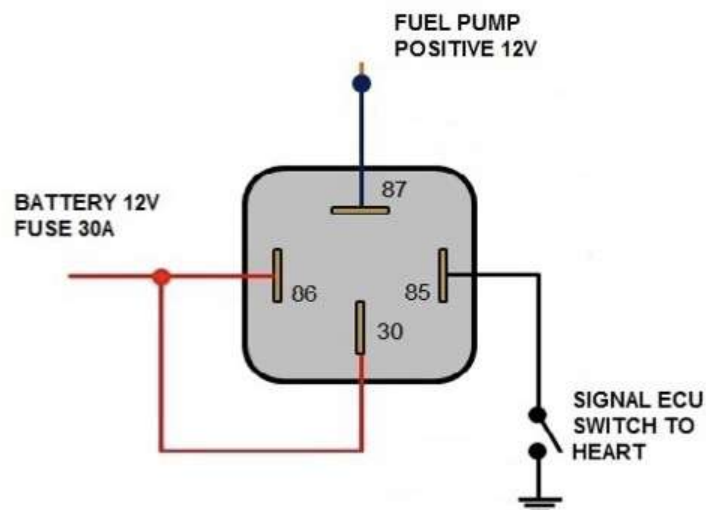
## X6011 connector (4)



**Pin 3: heavy gauge Black = Starter solenoid engine motor**

**Pin 7: heavy gauge Red/White = From: DME relay pin 87 (12v OUT when engine start, only extra accessories)**

### Sample photo for connect fuel pump



**White/brown:** negative relay fuel pump to pin 85

## PEDAL CONVERSION POTENTIOMETER / PLASTIC MODEL



### PLASTIC PEDAL

**1 BROWN**

**2 YELLOW**

**3 GREEN**

**4 GREY**

**5 WHITE/ORANGE**

**6 WHITE**

### POTENTIOMETER

**1 BROWN**

**2 YELLOW**

**3 GREEN**

**4 GREY**

**5 LIGHT PINK**

**6 WHITE**

## OBD DIAGNOSTIC

To view errors and data in real time, we recommend using the INPA k+dcan usb cable, OTG adapter for your android device and the Bimmertool APP downloadable from the google play store.



The bimmertool app is not owned by emutronica, please view guides and tutorials on the internet for correct operation.

