

M57/47N Standalone wiring loom

Installation manual



ECU connector



Throttle pedal connector



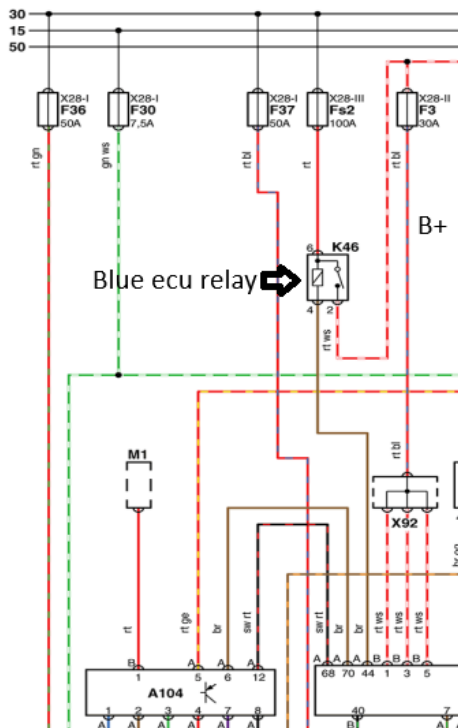
OBDII connector

Spare wires

There are 5 spare wires left on the loom, that need to be installed for the loom to work properly. Each wire is individually labeled.

Wire	Name	Designation
B+	Power supply to ECU	To blue engine harness relay
B-	Ground	TO
Wire nr. 1	12V power	12v upon ignition via 5 Amp fuse
Wire nr. 2	RPM signal	Connect to tachometer
Wire nr. 5	OBDII ground	Connect to chassis ground
Wire nr. 6	Fuel pump relay power	Connect to B+ via 40A fuse
Wire nr. 7	Power output to fuel pump	Connect to "+" on your fuel pump
SuperSeal pin 1	CAN LOW	
SuperSeal pin 2	CAN HIGH	
SuperSeal pin 3	K-LINE	Gearbox(E46), ECU pin 22 (Big Connector)

ECU power supply



Connect B- to battery ground or chassis ground. Ensure that the connection is secure and contact points are clean of any rust or oxidation.

B+ must be connected to the blue ecu relay which is on the main engine harness. If the wire that was supplied with the loom is too short, use 3mm² or thicker wire. Ensure that relay to battery + wiring is in a good shape, check contact points.

Please make sure that main power supply for the ecu is properly installed. Bad installation can cause damage to your ECU (i.e., bad ground will cause damage to internal ECU components)

Additional I/O's	
Pin 23	Brake light test signal
Pin 32	Fuel Pump relay activation (via ground)
Pin 33	CAN Low
Pin 36	Brake light switch signal
Pin 37	Steering wheel CC interface
Pin 40	PWM signal for el. fan
Pin 46	CAN High
Pin 50	Clutch switch signal
Pin 58	A/C clutch relay