



M12 connector wiring instructions

The JBOX has three 4-pin M12 connectors – two for AFR and one for the tachometer input. Sensors for these inputs need to be matched to the female M-12 connectors shipped loose with the JBOX units. They are to be wired as follows.

Unscrew the female connector to expose the pins on the backside of the connector. Solder the wires accordingly and secure the connector such that it is resistant to pulling.



The pin-out assignments are as follows for M12 connectors for AFR Controllers

- 1 – Heater Ground (AFR) - White
- 2 – FusedPower (+12V) – Red
- 3 – Linear Signal Output - Green
- 4 – Signal Ground - Black

4 pin, M12
Sensor Plug
(Male)



Power connection

There is a four-pin power connector for the JBOX that is located near the power switch. The pin out assignments for the power connector are 1 and 4 are Power+12V (Red) and 2 and 3 are Ground (Black). The power cord can be connected to any clean 12Volt power supply, the cigarette lighter connector or it can be matched with Mustang's AC/DC adaptor. Standard kits include the connector with a short pigtail. 10-ft power cables are shipped loose with cigarette lighter adaptors. These can be mated to the pigtail and used with vehicle power or they can plug into a separate 10-amp AC/DC power adaptor.

