

V4600 INSTALLATION GUIDE

The V4600 uses a Male (pin) Molex Micro-Fit 3.0™ Dual Row, 20 circuit header to receive power, ground and supply input and output signals. The pin out is as follows:

Wire	Signal Name	Description	Color	Input or Output
1	GND	Ground	Black (22 AWG)	Ground
2	OUT-0	Output 0 –Started Disable Relay Driver	Orange (22 AWG)	Output
3	IN-1	Input 1 – Digital Input	Blue (22 AWG)	Input
4	TXD	Host TxD	Blue (22 AWG)	Input
5	ADC-1	Analog to Digital Input 1	Pink (22 AWG)	Input
6	IN-3	RESERVED	Violet (22 AWG)	
7	IN-4	RESERVED	Grey (22 AWG)	
8	IN-0	Ignition	White (20 AWG)	Input
9	V _{DD}	VDD Reference Output (20-25mA Max)	Orange (22 AWG)	Output
10	OUT-1/BOOT	Output 1 – Digital Output (Open Collector)/BOOT Input	Brown (22 AWG)	Input/Output
11	OUT-2	Output – 2 Digital Output (Open Collector)	Yellow (22 AWG)	Output
12	IN-2	Input 2 – Digital Input	Orange (22 AWG)	Input
13	RxD	Host RxD	Green (22 AWG)	Output
14	V _{CC}	Primary Power Input	Red (20 AWG)	Power
15	GND	Primary Ground	Black (20 AWG)	Ground
16	1BB-GND	1 Bit Bus Ground	Black (22 AWG)	Ground
17	1BB-D	1-Bit Bus Data		Input/Output
18	CAN-L	CAN Bus (-)		Input/Output
19	CAN-G	CAN Bus Ground		Ground
20	CAN-H	CAN Bus (+)		Input/Output

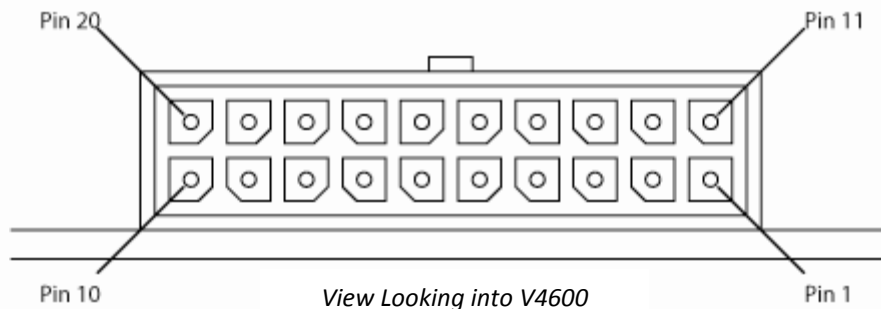


Figure 2 – V4600 Header

Primary Wiring Harness (I/O)

This is the standard harness for installing the V4600 in a vehicle. It should be used when the user/customer does not need serial access to the V4600.

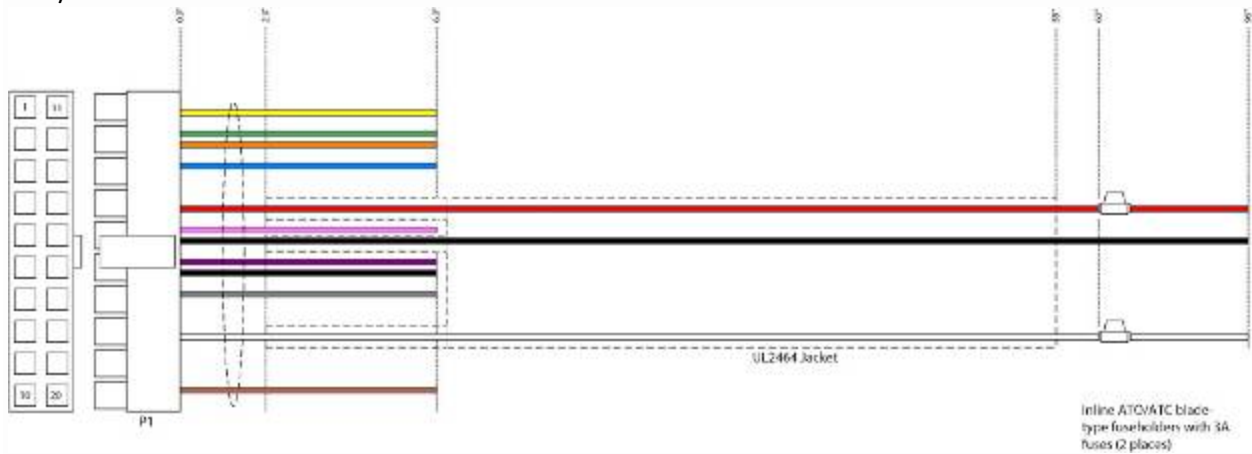


Figure 3 - Primary Wiring Harness with I/O

The mating connector for the V4600 is the 3.00mm (.118") Pitch Micro-Fit 3.0™ Receptacle Housing, Dual Row, 20 Circuits connector.

Primary Wiring Harness (I/O and Serial)

This harness provides a 4 pin connector to attach the V4600 Serial Adapter.

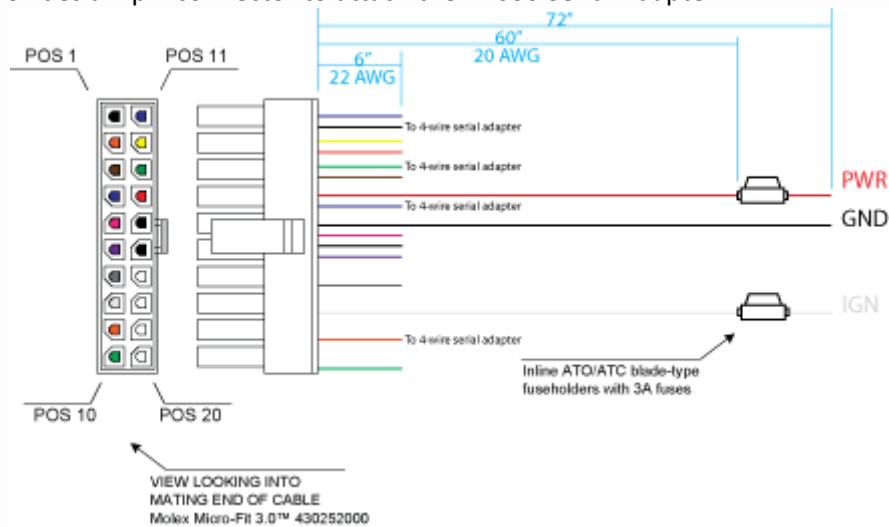


Figure 4 - Primary Wiring Harness with I/O and Serial