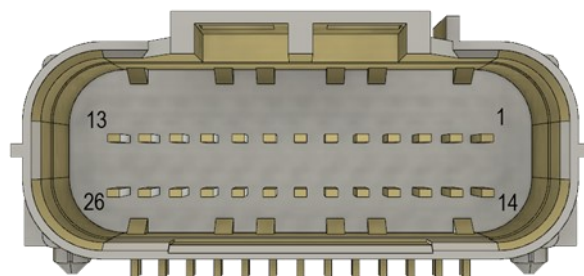
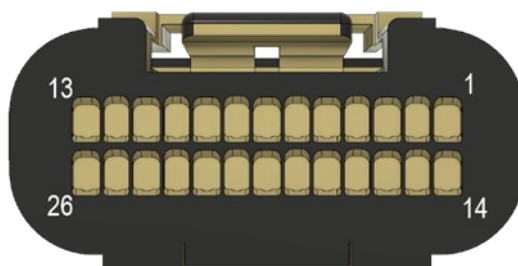


### MAF Fusion Connector End View



### Harness Connector End View (as viewed from back of connector)



Pin	Group	Wire Color	Wire Size	Function
1	1	Green	18 AWG / 0.8 mm <sup>2</sup>	Aux Injector Output #2, Ground
2	1	Tan	20 AWG / 0.5 mm <sup>2</sup>	Aux Injector Out, Low Level, Push/Pull +12V
3	1	Blue	18 AWG / 0.8 mm <sup>2</sup>	Aux Injector Output #1, Ground
4	2	Light blue	20 AWG / 0.5 mm <sup>2</sup>	CAN High
5	2	Light green	20 AWG / 0.5 mm <sup>2</sup>	CAN Low
6	USB	Black	24 AWG / 0.2 mm <sup>2</sup>	USB Ground
7	USB	Red	24 AWG / 0.2 mm <sup>2</sup>	USB Power, +5 volt
8	USB	White	28 AWG / 0.08 mm <sup>2</sup>	USB Data, -
9	USB	Green	28 AWG / 0.08 mm <sup>2</sup>	USB Data, +
10	Single	Gray	20 AWG / 0.5 mm <sup>2</sup>	MAF Analog Voltage Signal Out to ECM
11	3	Blue w red	20 AWG / 0.5 mm <sup>2</sup>	MAF Frequency Signal Out to ECM
12	3	Red w black	20 AWG / 0.5 mm <sup>2</sup>	MAF Out +12V from ECM [MAF Fusion power]
13	3	Black	20 AWG / 0.5 mm <sup>2</sup>	MAF Out Ground from ECM [MAF Fusion ground]
14	1	Black w blue	18 AWG / 0.8 mm <sup>2</sup>	Aux Injector Ground
15	Single	Purple	20 AWG / 0.5 mm <sup>2</sup>	Data Log Activation Input [+12V activation]
16	1	Black w white	18 AWG / 0.8 mm <sup>2</sup>	Aux Injector Ground
17	Single	White	20 AWG / 0.5 mm <sup>2</sup>	Tach Signal Input
18	4	Pink	20 AWG / 0.5 mm <sup>2</sup>	MAP Sensor Signal Input
19	4	Red	20 AWG / 0.5 mm <sup>2</sup>	MAP Sensor Power, +5V
20	4	Black w yellow	20 AWG / 0.5 mm <sup>2</sup>	MAP Sensor Ground
21	5	Green w black	20 AWG / 0.5 mm <sup>2</sup>	MAF #2 Signal Input
22	5	Orange w green	20 AWG / 0.5 mm <sup>2</sup>	MAF #2 +12V
23	5	Brown w white	20 AWG / 0.5 mm <sup>2</sup>	MAF #2 Ground
24	6	Yellow	20 AWG / 0.5 mm <sup>2</sup>	MAF #1 Signal Input
25	6	Orange	20 AWG / 0.5 mm <sup>2</sup>	MAF #1 +12V
26	6	Brown	20 AWG / 0.5 mm <sup>2</sup>	MAF #1 Ground

#### Note:

- Group #1 is split into two sections in the above list because some wires are from the upper row of 13 pins in the connector and some wires are from the lower row of 13 pins in the connector.
- The following three wires are not part of any group (bundle):
  - MAF Analog out (10, gray)
  - Data Log Activation Input (15, purple)
  - Tach Signal Input (17, white)
- The above colors are for the second generation harness that added a color stripe to repeat colors for easier identification. If you have an early harness the primary color is the same as above.