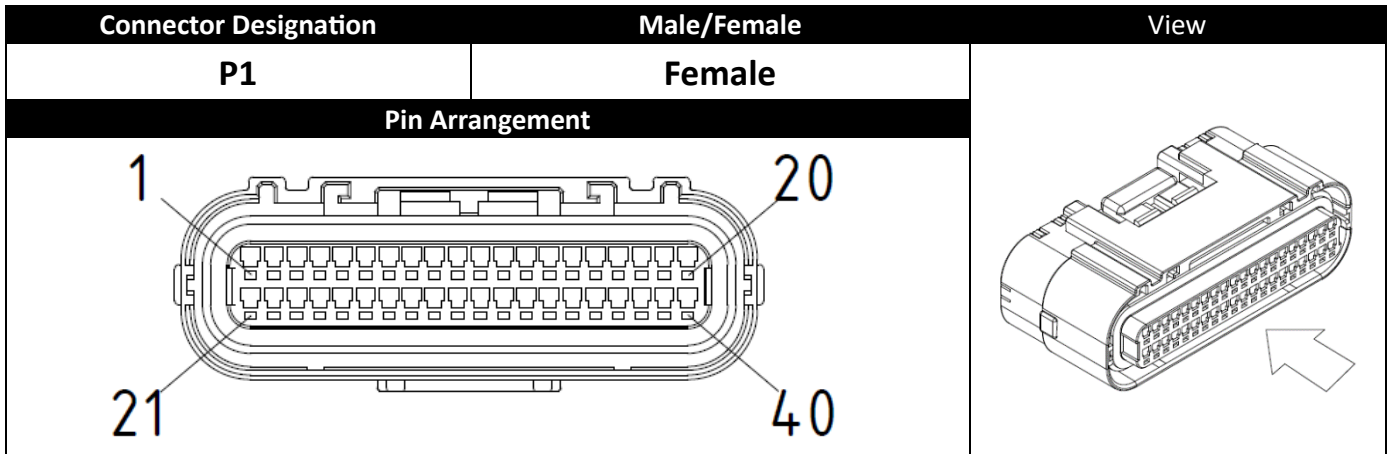


Connector Diagram- VMS (P1)



Pin Number	Wire Colour	Connects To	Via Connector	Description	
1	Brown	Kill Switch/Throttle		Kill Switch In	
2	Black	Headlamp		0 VDC	
3	Red	LH Brake Switch		+5 VDC	
4					
5					
6	Green	Kill Switch/Throttle		Throttle Signal	
7	Orange	Kill Switch/Throttle		Throttle +5VDC	
8	Purple	Headlamp		Running Lamp	
9	Orange	Headlamp		Headlight	
10	Red	LHR Indicator	X4	+12 VDC	
11	Orange	RHR Indicator	X4	+12 VDC	
12	Brown	Headlamp		High Beam	
13	Brown	Tail Lamp	X4	Brake Light	
14	Blue	Tail Lamp	X4	Taillight	
15	Black	Horn		0 VDC	
16	Blue	Front Motor Controller		TX	
17	Blue	Rear Motor Controller		TX	
18	Black	Front Motor Controller		0 VDC	
19	Green	Rear Motor Controller		Ignition	
20	Red	Rear Motor Controller		+50V Bleed	
21	White	Kill Switch/Throttle		Kill Switch	
22	Black	Tail Lamp/Rear Indicators		X4	0 VDC
23	Black	LH/RH Brake Switch			0 VDC
24	Blue	LH Brake Switch		Brake Signal	
25	Blue	RH Brake Switch		Brake Signal	
26	Black	Kill Switch/Throttle		0 VDC	
27	Black	LH Combination Switch		On LED	
28	White	LH Combination Switch		High Beam OFF	
29	Orange	LH Combination Switch		Indicator CANCEL	
30	Blue	LH Combination Switch		LH Indicator	
31	Brown	LH Combination Switch		RH Indicator	
32	Green	LH Combination Switch		High Beam ON	
33	Red	LH Combination Switch		+12 VDC	

34	Yellow	LH Combination Switch		Horn
35	Red	Horn		+12 VDC
36	Yellow	Front Motor Controller		RX
37	Yellow	Rear Motor Controller		RX
38	Black	Rear Motor Controller		0 VDC
39	Green	Front Motor Controller		Ignition
40	Red	Front Motor Controller		+50V Bleed