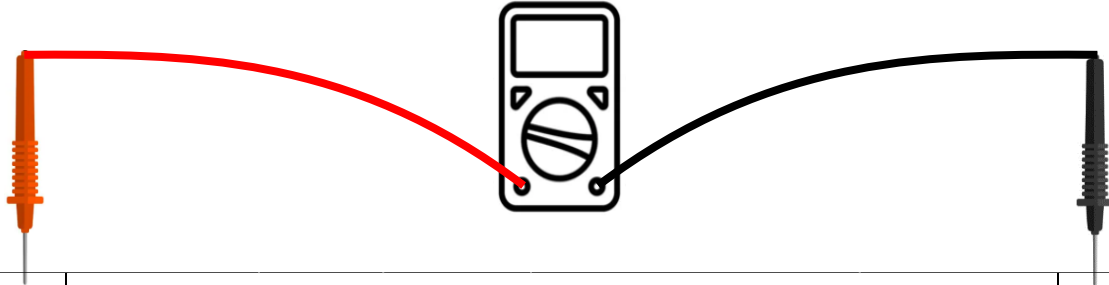
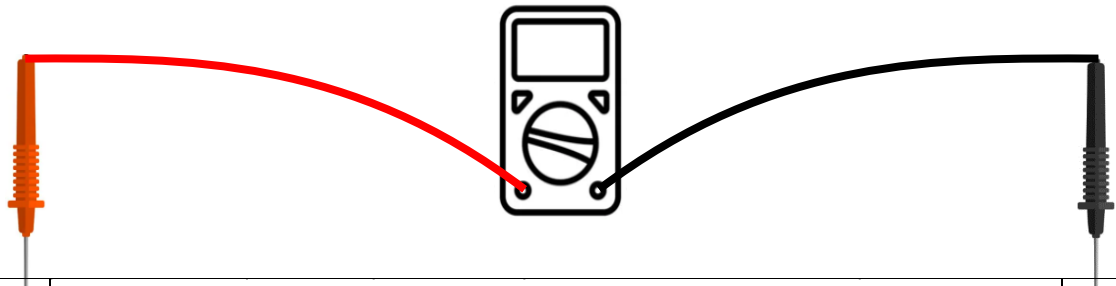

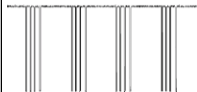


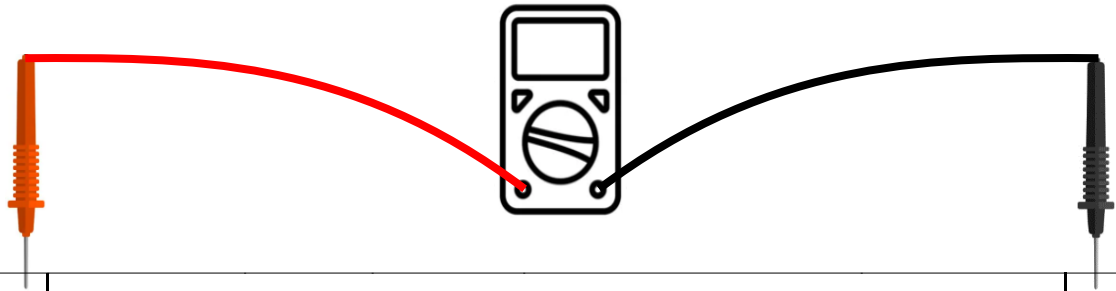
Pinpoint Testing- VMS Connector (P1)





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Pin Number	Wire Colour	Description	Input/Output	Bike Mode	Test Conditions	Value (Approx)	Pin Number	Wire Colour		
1	Brown	Kill Switch In	Input	ACC/RUN	Kill Switch Pressed	0.0V	21	White		
					Kill Switch Released	3.3V				
2	Black	0 VDC	GND	-	-	-	-	-		
3	Red	+5 VDC	Output	ACC/RUN	-	5.0V	23	Black		
4										
5										
6	Green	Throttle Signal	Input	ACC/RUN	Full Throttle	4.3V	26	Black		
					Throttle Released	0.9V				
7	Orange	Throttle +5VDC	Output	ACC/RUN	-	5.0V	26	Black		
8	Purple	Running Lamp	Output	RUN	-	12.0V	2	Black		
9	Orange	Headlight	Output	RUN	Headlamp ON	12.0V	2	Black		
10	Red	+12 VDC	Output	RUN	LH Indicator Activated	<div style="display: flex; align-items: center;"> <div style="margin-right: 5px;">12V</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 5px;">0V</div> </div>	22	Black		
11	Orange	+12 VDC	Output	RUN	RH Indicator Activated	<div style="display: flex; align-items: center;"> <div style="margin-right: 5px;">12V</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 5px;">0V</div> </div>	22	Black		
12	Brown	High Beam	Output	ACC/RUN	High Beam ON	12.0V	2	Black		
13	Brown	Brake Light	Output	RUN	Brake Switch Pressed	12.0V	22	Black		
		Brake Light	Output	RUN	Brake Switch Released	0.0V				
14	Blue	Tail Light	Output	RUN	Tail Light ON	12.0V	22	Black		
15	Black	0 VDC	GND	-	-	-	-	-		



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16	Blue	TX	Output	RUN	-	5V  0V	18	Black	
17	Blue	TX	Output	RUN	-	5V  0V	38	Black	
18	Black	0 VDC	GND	-	-	-	-	-	
19	Green	Ignition	Output	RUN	-	VBATT (35-58V)	38	Black	
20	Red	+50V Bleed	Input	ACC/RUN	-	VBATT (35-58V)	39	Black	
21	White	Kill Switch	Input	ACC/RUN/OFF	Kill Switch Pressed	3.3V	26	Black	
					Kill Switch Released	0.0V			
22	Black	0 VDC	GND	-	-	-	-	-	
23	Black	0 VDC	GND	-	-	-	-	-	
24	Blue	Brake Signal	Input	RUN	LH Brake Switch Pressed	5.0V	23	Black	
					LH Brake Switch Released	0.0V			
25	Blue	Brake Signal	Input	RUN	RH Brake Switch Pressed	5.0V	23	Black	
					RH Brake Switch Released	0.0V			
26	Black	0 VDC	GND	-	-	-	-	-	
27	Black	On LED	-	-	-	-	-	-	
28	White	High Beam OFF	Input	ACC/RUN	Headlight Switch (LOW) Pressed	12.0V	26	Black	
					Headlight Switch (LOW) Released	0.0V			
29	Orange	Indicator CANCEL	Input	ACC/RUN	Indicator CANCEL Pressed	12.0V	26	Black	
					Indicator CANCEL Released	0.0V			
30	Blue	LH Indicator	Input	ACC/RUN	Indicator LEFT Pressed	12.0V	26	Black	
					Indicator LEFT Released	0.0V			
31	Brown	RH Indicator	Input	ACC/RUN	Indicator RIGHT Pressed	12.0V	26	Black	
					Indicator RIGHT Released	0.0V			
32	Green	High Beam ON	Input	ACC/RUN	Headlight Switch (HIGH) Pressed	12.0V	26	Black	
					Headlight Switch (HIGH) Released	0.0V			



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33	Red	+12 VDC	Output	ACC/RUN	-	12.0V	26	Black
34	Yellow	Horn	Input	ACC/RUN	Horn Switch Pressed	12.0V	26	Black
					Horn Switch Released	0.0V		
35	Red	+12 VDC	Output	ACC/RUN	Horn Switch Pressed	12.0V	26	Black
					Horn Switch Released	0.0V		
36	Yellow	RX	Input			 0V	18	Black
37	Yellow	RX	Input			 0V	38	Black
38	Black	0 VDC	GND	-	-	-	-	-
39	Green	Ignition	Output	RUN	-	VBATT (35-58V)	18	Black
40	Red	+50V Bleed	Input	ACC/RUN		VBATT (35-58V)	18	Black