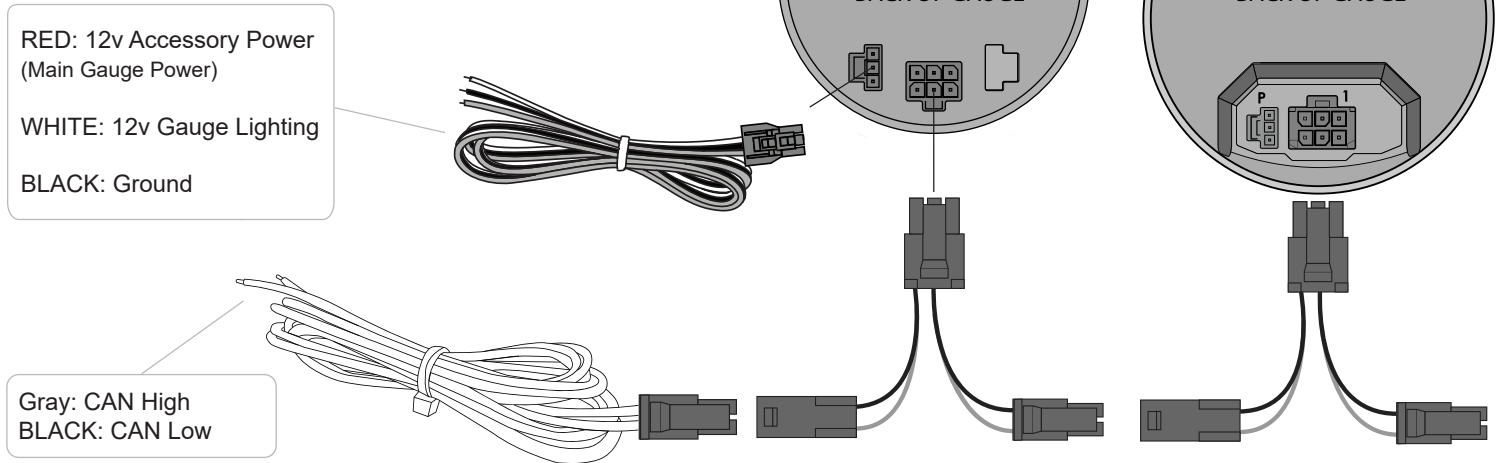


INSTALLATION

- 1 DISCONNECT your vehicle's negative (-) battery cable.
- 2 MOUNT your gauge to the panel using the spin lock ring.
- 3 CONNECT the gauge wiring.
- 4 RECONNECT your vehicle's negative (-) battery cable.



Warning Light Activation

Gauges	Warning Point
Motor/Inverter Temp	On above 70°C/ 160°F
Speedometer	No Warning
Amp	No Warning
Battery Level	On below 15 %
12 Volt Batt.	No Warning
High Volg Batt.	No Warning
Battery Temp	On above 40°C/ 100°F

Speedometer Odometer and Trip

Odometer (shows up to 999,999)



Trip Odometer (shows up to 99,999)

Press and hold button to reset trip.

**Orion SID's (500K Baud Rate) (Select zero ev ccs in the Orion Canbus tab)**

Gauges	Endian	Start Bit	Bit Length	Scaling	Offset	Type	Units	ID HEX
Motor/Inverter Temp	Intel (Little Endian)	32	16	1	0	Signed	Celsius	0X126
Speedometer	Intel (Little Endian)	0	16	0.1	0	Signed	MPH	0X257
Amp	Intel (Little Endian)	16	16	0.1	0	Signed	Amps	0X356
Battery Level	Intel (Little Endian)	0	16	1	0	Unsigned	%	0X355
12 Volt Batt.	Intel (Little Endian)	32	16	0.1	0	Unsigned	Volts	0X210
High Volt Batt.	Intel (Little Endian)	0	16	0.1	0	Unsigned	Volts	0X356
Battery Temp	Intel (Little Endian)	32	16	0.1	0	Signed	Celsius	0X356

AEM SID's (500K Baud Rate)

Gauges	Endian	Start Bit	Bit Length	Scaling	Offset	Type	Units	ID HEX
Motor/Inverter Temp	Motorola (Big Endian)	31	8	1	0	Unsigned	Celsius	0X2F0A005
Speedometer	Motorola (Big Endian)	63	8	1	0	Unsigned	MPH	0X2F0A001
Amp	Motorola (Big Endian)	23	16	0.1	0	Signed	Amps	0X2F0A202
Battery Level	Motorola (Big Endian)	15	8	1	0	Unsigned	%	0X2F0A202
12 Volt Batt.	Motorola (Big Endian)	47	8	0.1	0	Unsigned	Volts	0X2F0A001
High Volt Batt.	Motorola (Big Endian)	55	16	0.1	0	Unsigned	Volts	0X2F0A200
Battery Temp	Motorola (Big Endian)	55	8	1	0	Signed	Celsius	0X2F0A202
Power	Motorola (Big Endian)	55	16	0.1	0	Signed	kW	0X2F0A209

CONTACT US

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LIFETIME WARRANTY

We take pride in the products we make and offer a Lifetime Warranty on gauge electronics and a 5-year warranty on hardware for every gauge, tachometer and shift light purchased since Jan 1, 2006. Every SPEEDHUT product is built for a lifetime of service, and we warrant to the person who originally purchased the product that all SPEEDHUT products will be free from defects in workmanship and materials for their applicable warranty period. If a defect occurs during the warranty period as the result of the product's intended use, we will repair or replace the defective product or part, to our discretion. The warranty does not cover defects caused by third-party modifications, repairs or replacement parts. Any holes, scratches, normal wear and tear, and the natural breakdown of colors and materials over extended time and use are not warranted.