



R5 Generator Rev Limiter - Set-up Instructions

R5-2014-GRL

Parts Included	Quantity
GRL Rev Limiter Control Unit	1
Toggle Switch	1
Toggle Switch Guard	1
Auto Reset Breaker (20 AMP)	1
Auto Reset Breaker Cover	1

When installation is complete & batteries are reconnected:

- Push set button once. Green LED will light solid green.
- Start engine and allow RPM to rise to full run speed.
- Push set button again. LED will flash green 3 times slowly.
- If LED flashes red, check connections on signal feed.
- Set up is now complete.
- Push test button (on front of box) engine will now shut down.

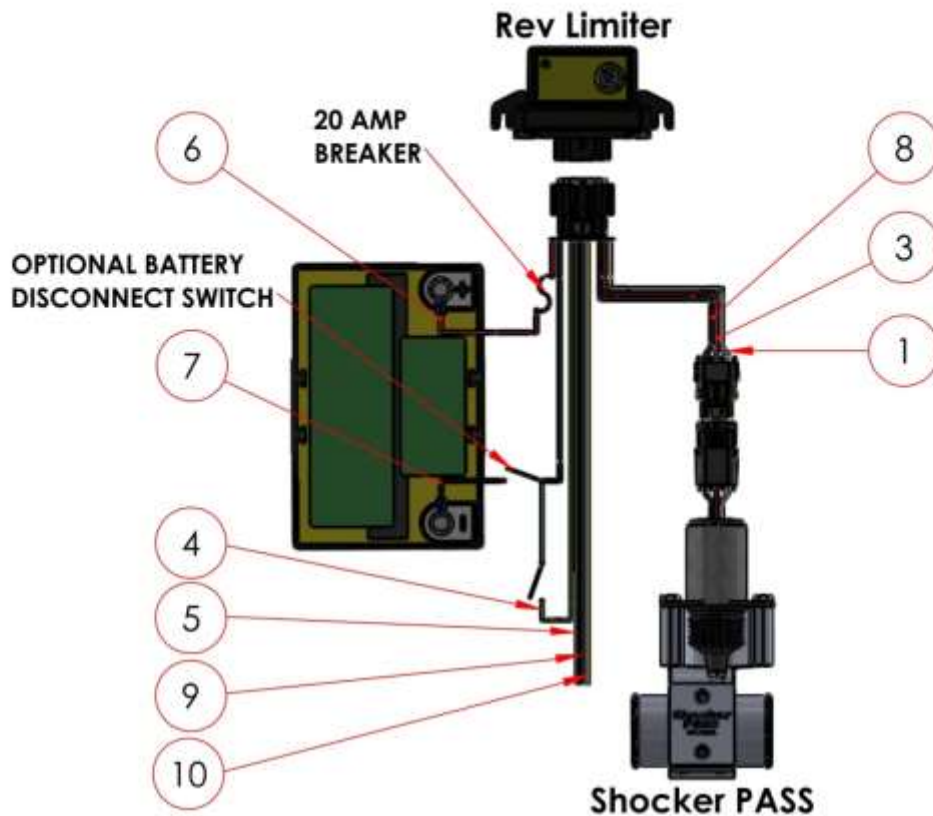


**Headwind
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Generator Rev Limiter R5 WIRING HARNESS ASSEMBLY



Pin	Use	AWG #	Color
1	Solenoid Pull-In	12	White
2	N/A	16	Purple
3	Solenoid Hold	12	Red
4	Manual Switch	16	Green
5	**Line Input (120/240V AC)	16	Brown
6	12-24 V Battery Power (+)	12	Red
7	Battery Ground (-)	12	Black
8	Solenoid Ground	12	Black
9	Optional Touch Pad Remote Test	16	Blue
10	**Line Input (120/240V AC)	16	Yellow

**** 5 & 10 MUST BE TERMINATED LINE SIDE OF MAIN BREAKER ****

WIRE SIZE RECOMMENDATION TABLE					
Maximum lead length (in feet)					
	14 GA	12 GA	10 GA	8 GA	6 GA
12 V DC	9.5	15	24	38	60
24 V DC	38	60	96	150	240

IMPROPER GROUNDING OR REMOVAL OF DELPHI PLUG CAN CAUSE DAMAGE TO COMPONENTS, VOIDING WARRANTY

**CONNECTORS MUST BE RATED 25 AMP MINIMUM.
DO NOT USE: DEUTSCH DT,DTM,DTMH,DTMN.**

Headwind Solutions Ltd. warrants the components of this device for a period of two (2) years from the date of purchase. The customer is responsible for the correct installation, setup and testing of the product, including: a) the location of all components; b) correct wiring connections and wire gauge; c) correct setup and testing of the installed product. This warranty is void if the product is incorrectly installed, set up or tested.