1. Mount alternator on engine.
2. Connect “BAT” terminal to battery positive post. This wire should be rated to carry the full alternator output, usually 8AWG.
3. Connect the “IG” terminal to an ignition switched positive battery source.

OPTIONAL:
A jumper wire can be installed from the “BAT” terminal to the “IG” terminal, causing the alternator to function as a one wire alternator. The only consideration is that this setup causes a 300mA drain on the battery when the engine is not running. This requires that the jumper wire or battery be disconnected when the engine is not running for long periods (i.e., overnight) to prevent battery drain.