

Alternator Models : **KJ200SE / KJ250SE / KJ270SE**

Externally Regulated

Both Posts Are Positive

Blue Wire: To Field Terminal
On Top of Alternator

Orange Wire: Stator
Terminal on Alternator

OEM Warning
Light, if installed

Brown Wire:
To 12 Volt Keyed
Ignition Source

Keyed Ignition Source

K-ER12V-1
External
Regulator

Red Wire:
To Battery
Positive Post
or Alternator
Positive Post

3 Foot
Wiring Loom ↑
Black Wire:
To Battery Ground
or Alternator
Ground

Output
Cable*

Black Wire*: To Battery Ground or
Chassis Ground

12 Volt
Battery

Maximum Amp Load	1 to 10 (Feet)	11 to 15 (Feet)	16 to 20 (Feet)
200 amps	2/0	3/0	4/0
250 amps	3/0	3/0	4/0
300 amps	4/0	4/0	4/0
350 amps	4/0	4/0	N/A
400 amps	4/0	N/A	N/A
450 amps	N/A	N/A	N/A

Tech Support
1.318.765.6855
1.318.664.7546
1.214.630.3820

K.E.I. Installation Instructions	
Part # KJ Series Above	Date: 30 Aug 09
Style: Externally Regulated 12 Volt Alt. Regulator # K-ER12V-1	
Drawn By: DBA	Approved By:

*Note: Positive and Ground Cables from Alternator and Battery, must be upgraded to at least a minimum size Cable according to chart on this document.