

Alternator Models : **KP200E / KP250E / KP270E / KP290E / KP340E / KP370E**

Externally Regulated

Both Posts Are Positive

Blue Wire: To Field Terminal
On Top of Alternator

OEM Warning
Light, if installed

Keyed Ignition Source

Orange Wire: Stator
Terminal on Alternator

Brown Wire:
To 12 Volt Keyed
Ignition Source

Output
Cable*

Red Wire:
To Battery
Positive Post
or Alternator
Positive Post

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

K-ER12V-1
External
Regulator

Black Wire*: To Battery Ground or
Chassis Ground

| 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 # KP 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.