

Alternator Model :

## KDF240I (Internal Regulation)

This alternator comes with a specialized Wiring harness allowing for direct Plug and Play function as well as ECU/ PCM recognition if needed

### Item#1

The **Red Wire** (positive) with eyelet goes on alternator positive post (Item #1)

### Item#2

The **Black Wire** (negative) with eyelet goes to chassis ground or can be positioned on one of the mounting bolts (Item #2) used on the alternator.

### Item#3

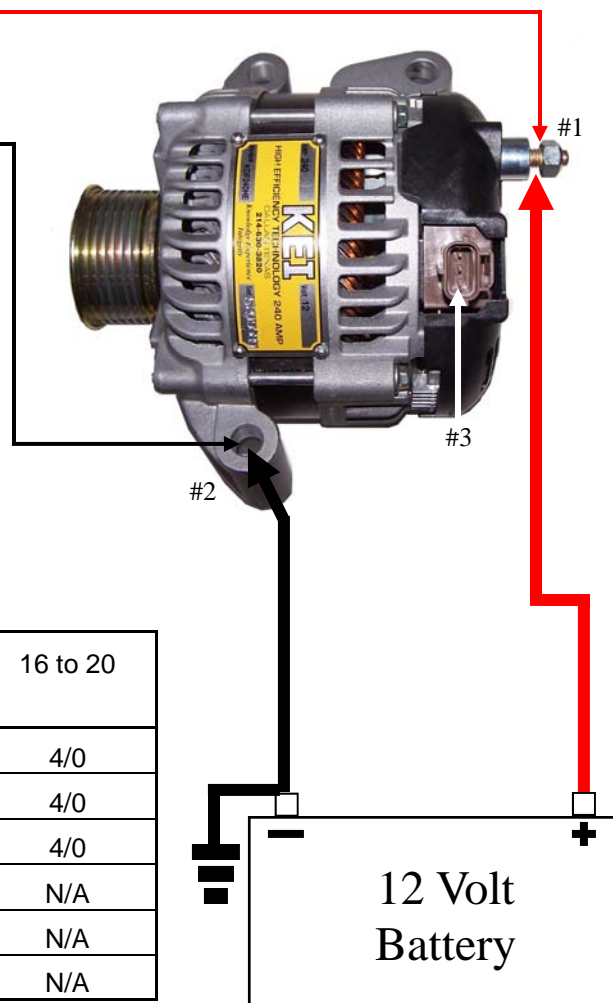
The Female Plug on harness gets inserted into the male terminal (Item #3) of the alternator.

### Item#4

The Male Plug (Item #4) on harness gets plugged into Original Ford alternator harness.

The **F-Series truck** is normally direct connect from OEM harness into alternator.

The **E-Series van** normally requires the below harness to be connected.



Included Wiring Harness

Maximum Amp Load	1 to 10 (Feet)	11 to 15	16 to 20
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 # KDF240I	Date: 10 Jan 2011
Style: Internally Regulated 12 Volt Alt.	
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.