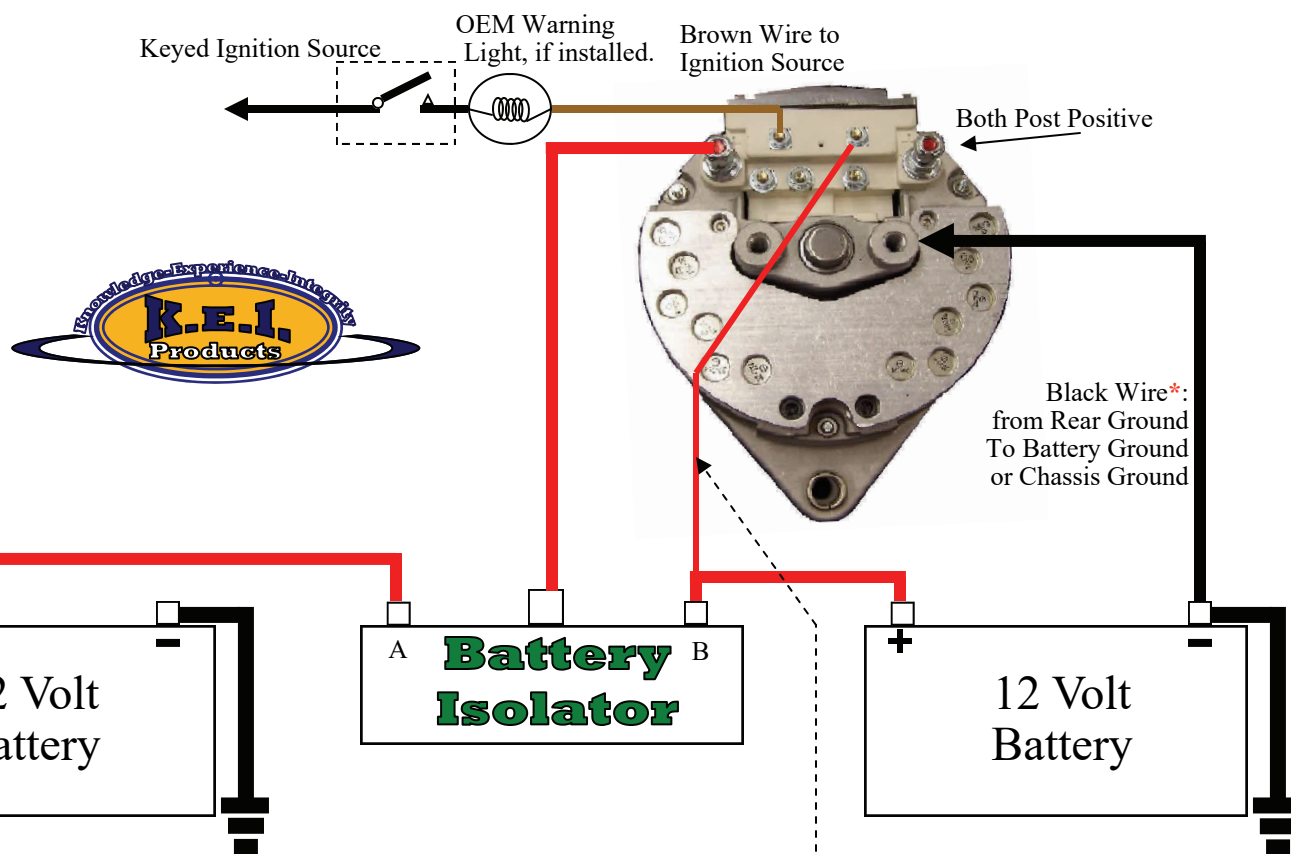


Alternator Models :

KJ200LIIRS**KJ250LIIRS****KJ270LIIRS****KJ290LIIRS****KJ340LIIRS****KJ370LIIRS**(Ignition-Excite)
with Remote Sense
& Battery Isolator

Remote Sense Wire (Red) must connect either at Battery Positive Post or on output from Isolator that reads within 1/10th of direct battery voltage at all times.

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

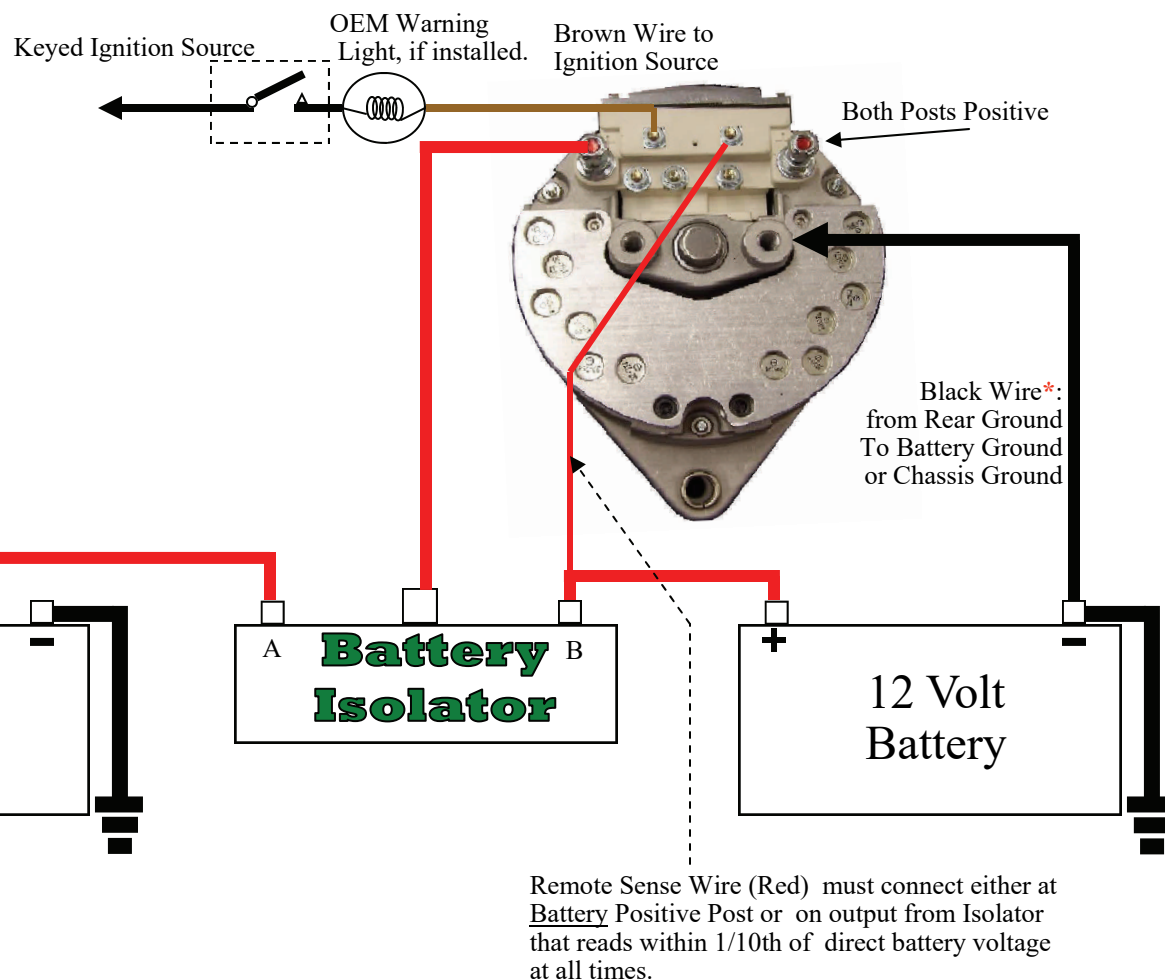
Tech Support
1.318.765.6855
1.214.630.3820

K.E.I. Installation Instructions

Part# KJ270LIIRS	Date: 30 Aug 2009
Style: 12 Volt /J-180 Mount/ Internally Regulated	
Drawn By: DBA	Approved By: DK

***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.

Alternator Models :

KJ200SIIRS**KJ250SIIRS****KJ270SIIRS**(Ignition-Excite)
with Remote Sense
and Battery Isolator

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
1.214.630.3820

K.E.I. Installation Instructions

Part# KJ270SIIRS	Date: 20 Aug 2009
Style: 14 Volt /J-180 Mount/ Internally Regulated	
Drawn By: DBA	Approved By: DK

***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.



K.E.I. 2350 W. Commerce Dallas, TX 75212

Alternator Models : **KJ200LE / KJ250LE / KJ270LE / KJ290LE / KJ340LE / KJ370LE**

Externally Regulated

Both Posts Are Positive

Blue Wire: To Field Terminal
On Top of Alternator

OEM Warning
Light, if installed

Keyed Ignition Source

Brown Wire:
To 12 Volt Keyed
Ignition Source

Orange Wire: Stator
Terminal on Alternator

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

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
1.214.630.3820

K.E.I. Installation Instructions

Part# KJ Series

Date 3 Sept 2009

Style: 12 Volt /J-180 Mount/ Externally Regulated

Drawn By: DBA

Approved By: DK

***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.

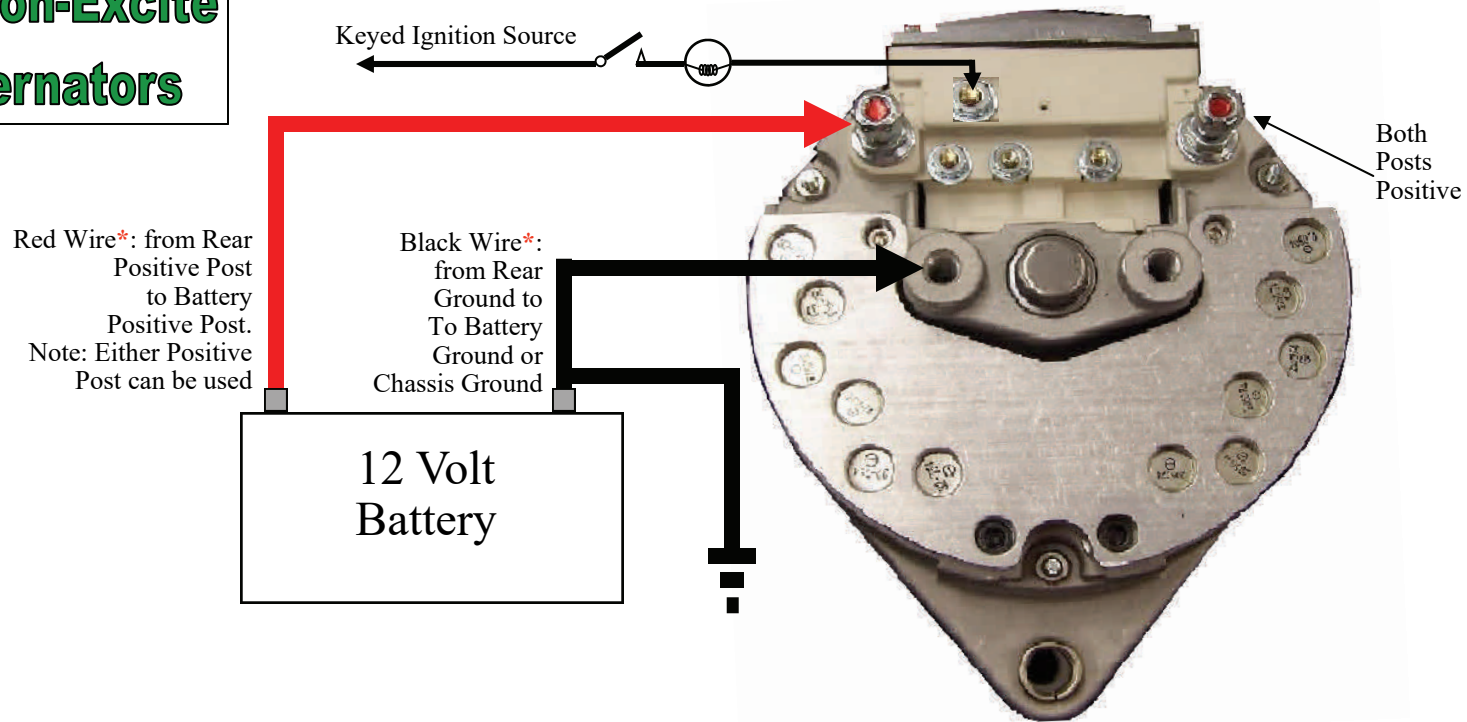


K.E.I. 2350 W. Commerce Dallas, TX 75212

Alternator Models:

KJ200LII /KJ250LII /KJ270LII /KJ290LII /KJ340LII

Ignition-Excite Alternators



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
1.214.630.3820

K.E.I. Installation Instructions

Part# KJ Series	Date 30 Aug 2009
Style: 12 Volt /J-180 Mount/ Internally Regulated	
Drawn By: DBA	Approved By: DK

***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.

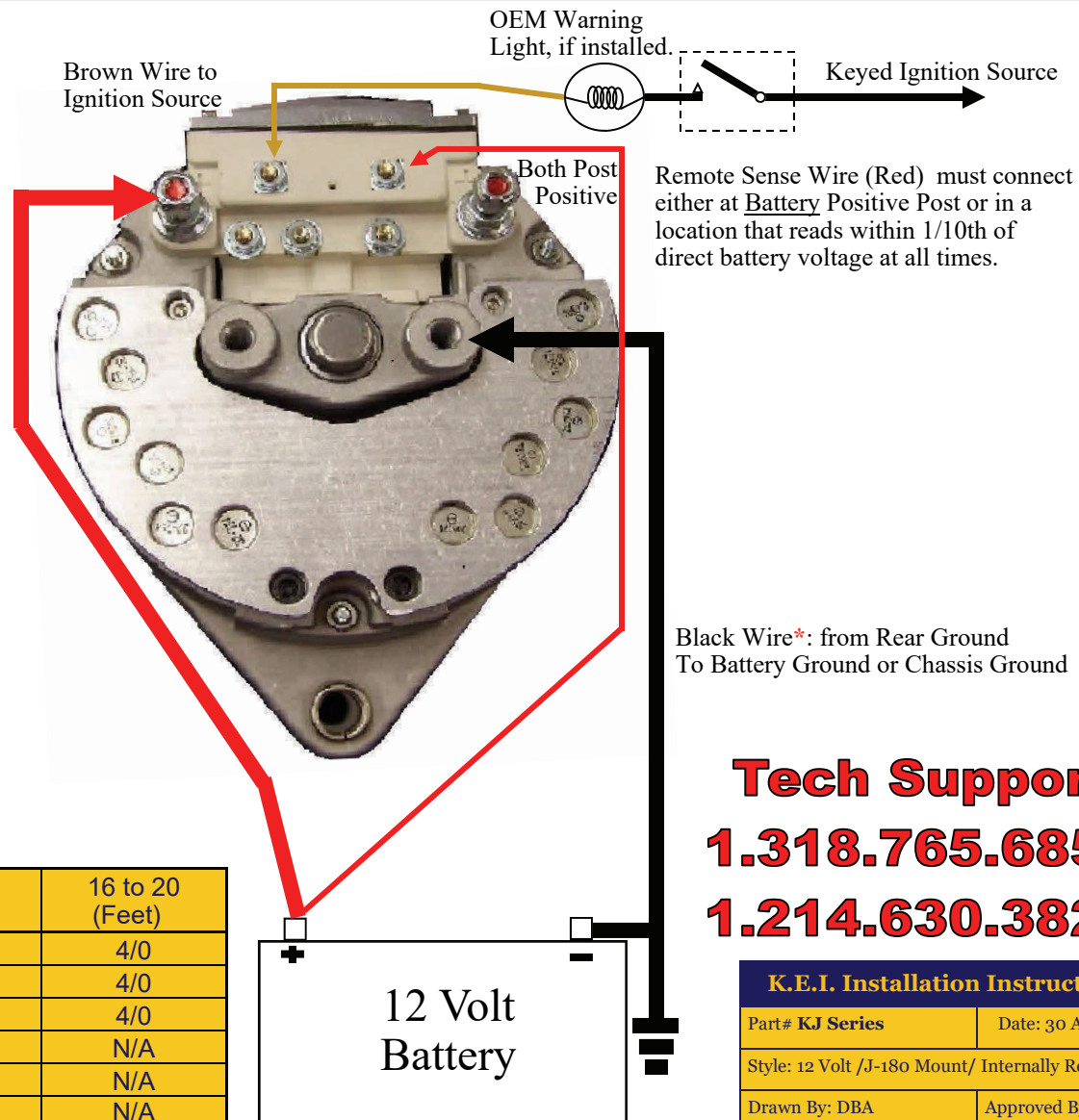


K.E.I. 2530 W. Commerce Dallas, TX 75212

Alternator Models: **KJ200LIIRS /KJ250LIIRS /KJ270LIIRS /KJ290LIIRS /KJ340LIIRS**

Ignition-Excite w/Remote Sense Alternators

Red Wire*: from Rear Positive Post
To Battery Positive Post.
Note: Both Posts
are Positive



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
1.214.630.3820

K.E.I. Installation Instructions

Part# KJ Series	Date: 30 Aug 2009
Style: 12 Volt /J-180 Mount/ Internally Regulated	
Drawn By: DBA	Approved By: DK

***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.



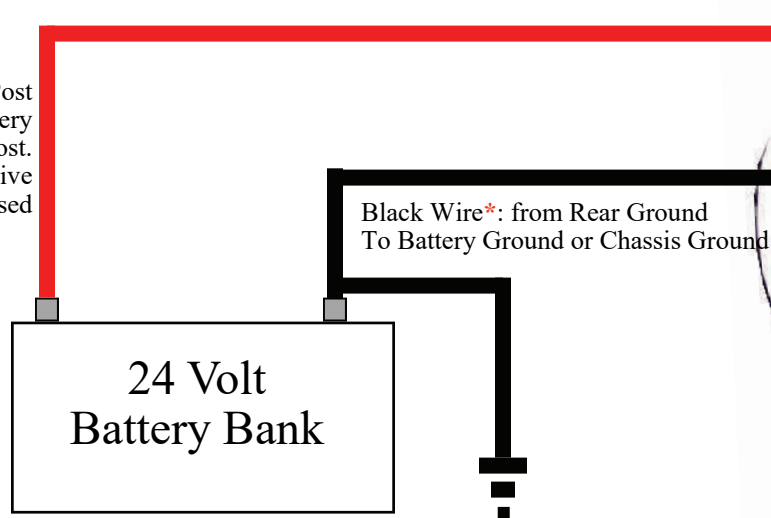
K.E.I. 2350 W. Commerce, Dallas, TX 75212

Alternator Models:

KJ160LI - 24/KJ200LI - 24/KJ250LI - 24

Self-Excite Alternators

Red Wire*: from Rear Positive Post
to Battery
Positive Post.
Note: Either Positive
Post can be used



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
1.214.630.3820

K.E.I. Installation Instructions

Part# KJ Series	Date: 21 NOV 15
Style: 24 Volt /J-180 Mount/ Internally Regulated	
Drawn By: DBA	Approved By: DK

***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.



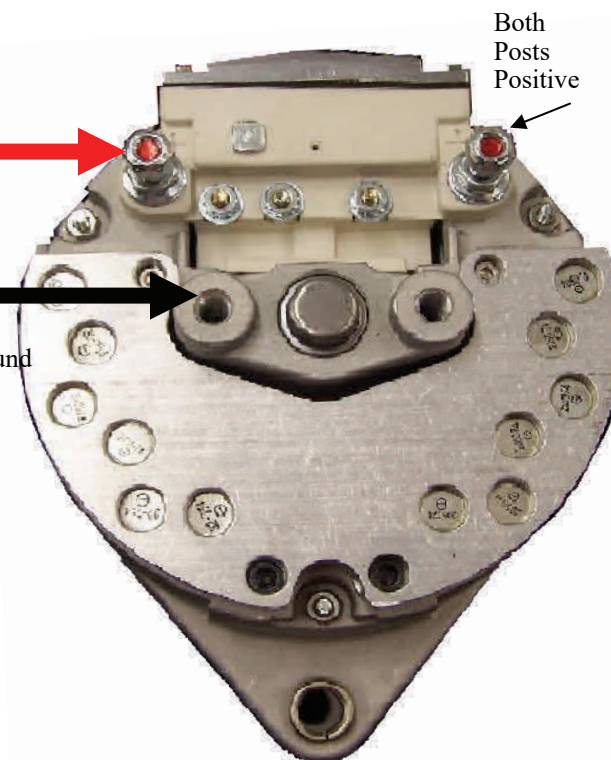
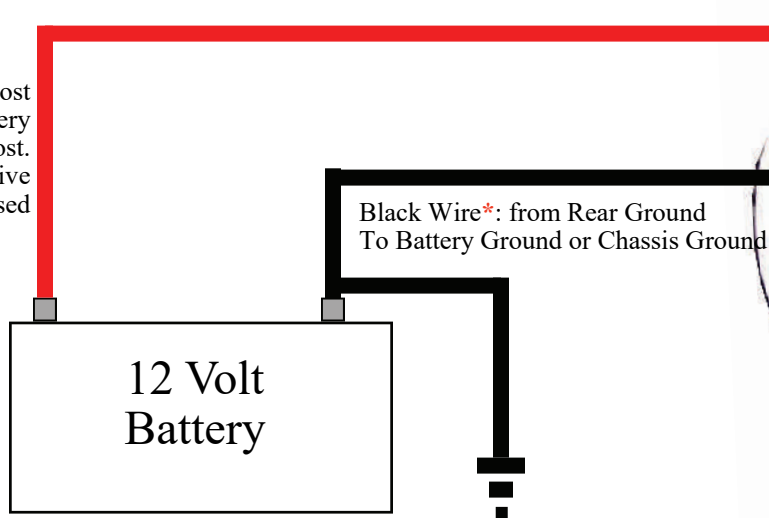
K.E.I. 2350 W. Commerce, Dallas, TX 75212

Alternator Models:

KJ200LI /KJ250LI /KJ270LI /KJ290LI /KJ340LI

Self-Excite Alternators

Red Wire*: from Rear Positive Post
to Battery
Positive Post.
Note: Either Positive
Post can be used



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
1.214.630.3820

K.E.I. Installation Instructions

Part# KJ Series	Date: 30 Aug 2009
Style: 12 Volt /J-180 Mount/ Internally Regulated	
Drawn By: DBA	Approved By: DK

***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.

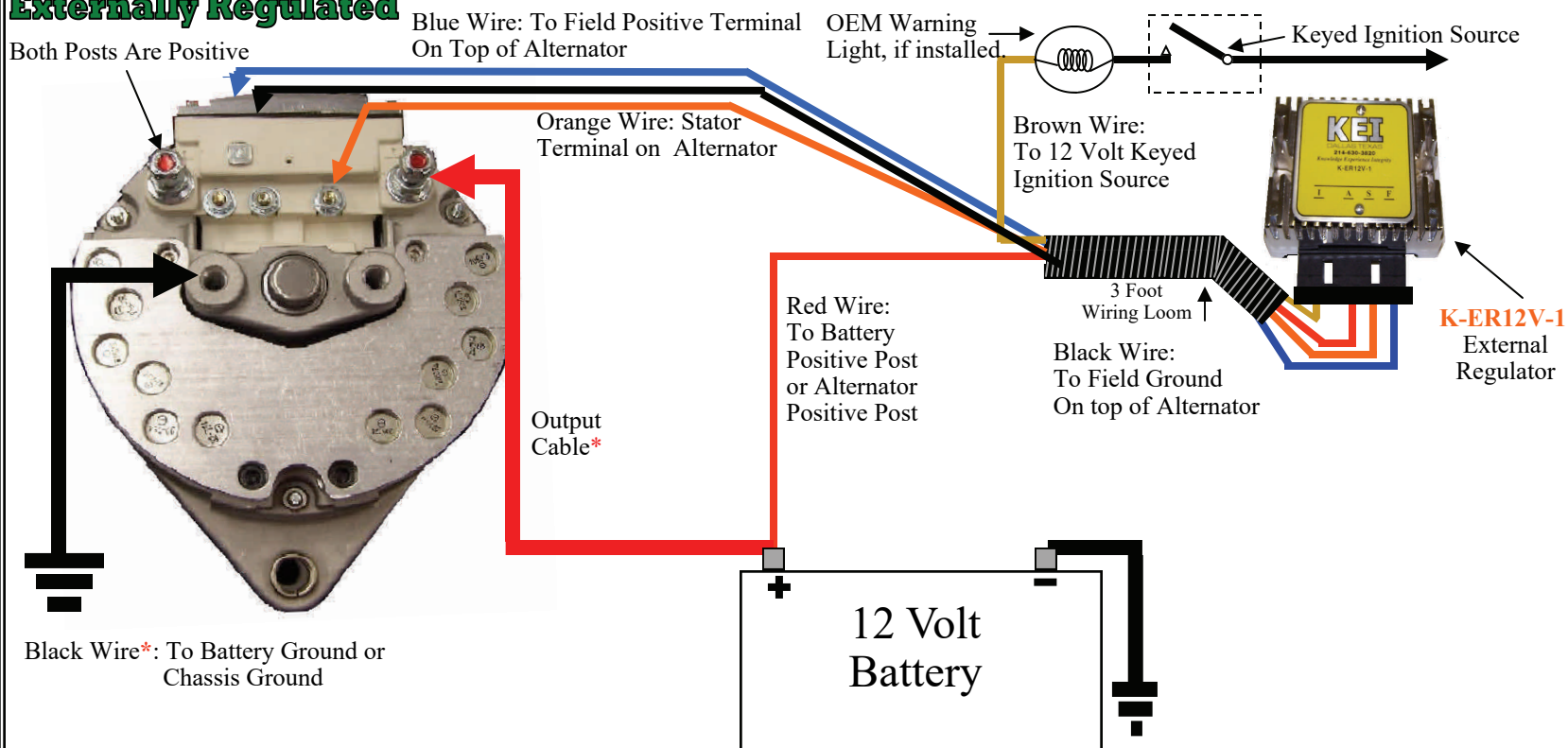


K.E.I. 2350 W. Commerce, Dallas, TX 75212

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

Externally Regulated

Both Posts Are Positive



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	Date: 28 Jan 2013
Style: 12 Volt /J-180 Mount/ Externally Regulated	
Drawn By: DBA	Approved By: DK

***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.

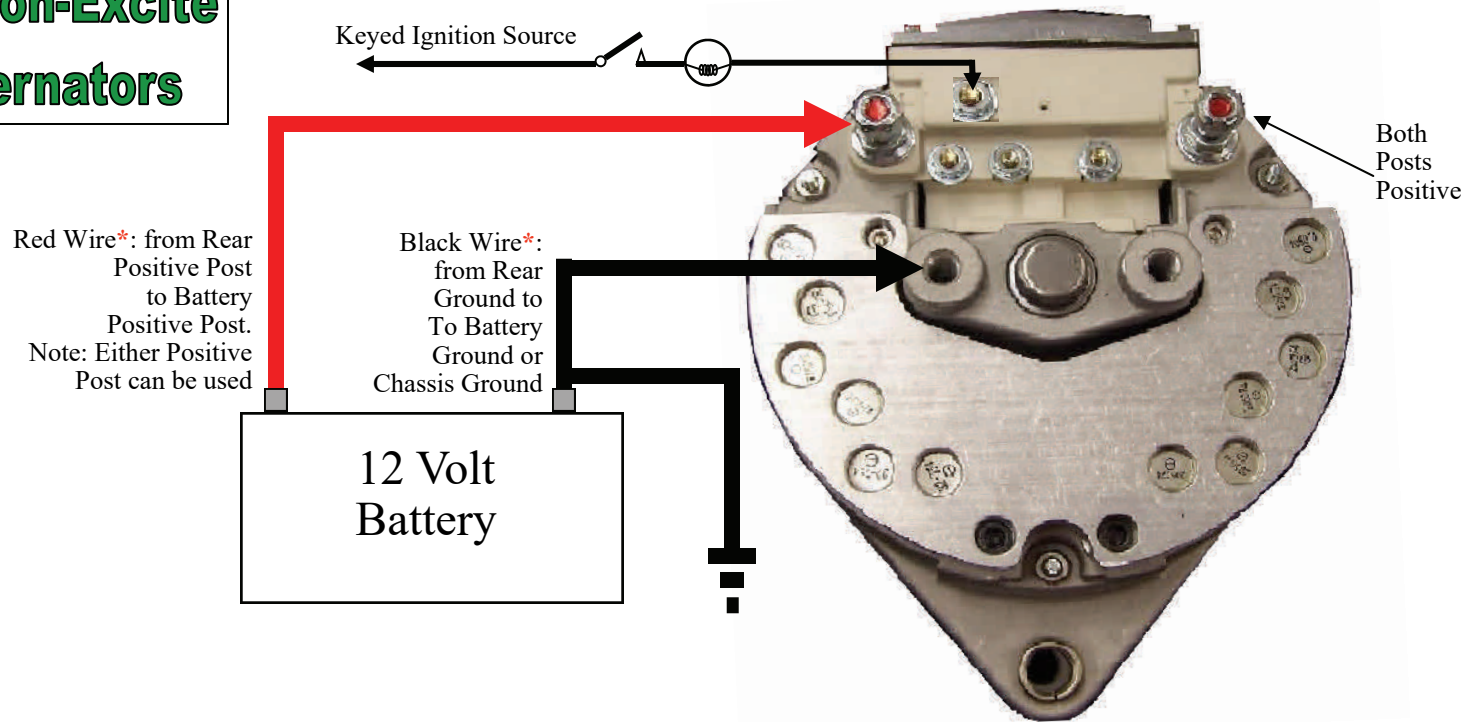


K.E.I. 2350 W. Commerce Dallas, TX 75212

Alternator Models:

KJ200SII /KJ250SII /KJ270SII

Ignition-Excite Alternators



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
1.214.630.3820

K.E.I. Installation Instructions

Part# KJ Series	Date: 30 Aug 2009
Style: 12 Volt /J-180 Mount/ Internally Regulated	
Drawn By: DBA	Approved By: DK

***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.



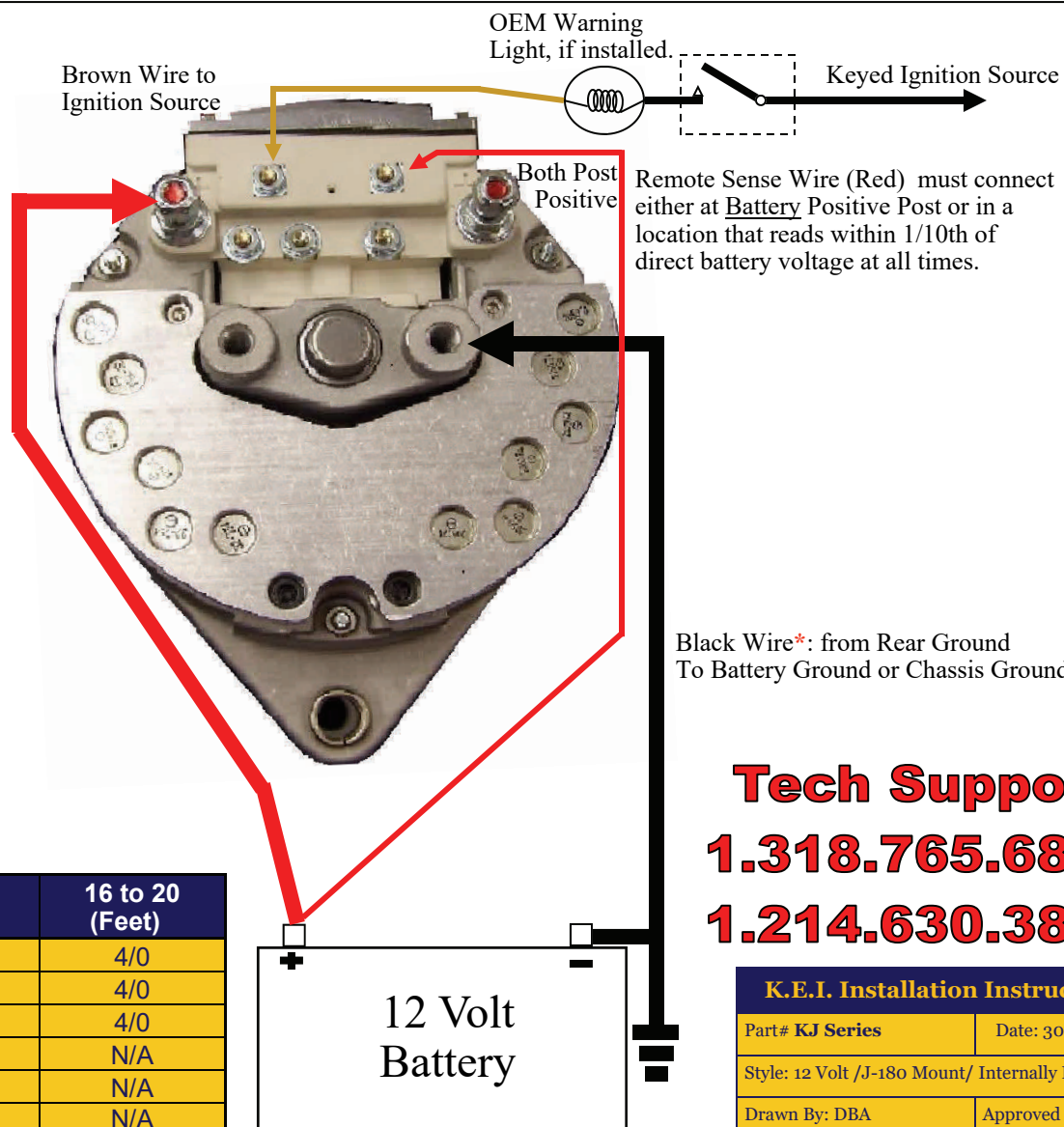
K.E.I. 2520 W. Commerce Dallas, Tx 75212

Alternator Models: **KJ200SIIRS /KJ250SIIRS /KJ270SIIRS**

Ignition-Excite w/Remote Sense Alternators

Red Wire*: from Rear Positive Post
To Battery Positive Post.

Note: Both Posts are Positive



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
1.214.630.3820

K.E.I. Installation Instructions

Part# KJ Series	Date: 30 Aug 2009
Style: 12 Volt /J-180 Mount/ Internally Regulated	
Drawn By: DBA	Approved By: DK

***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.

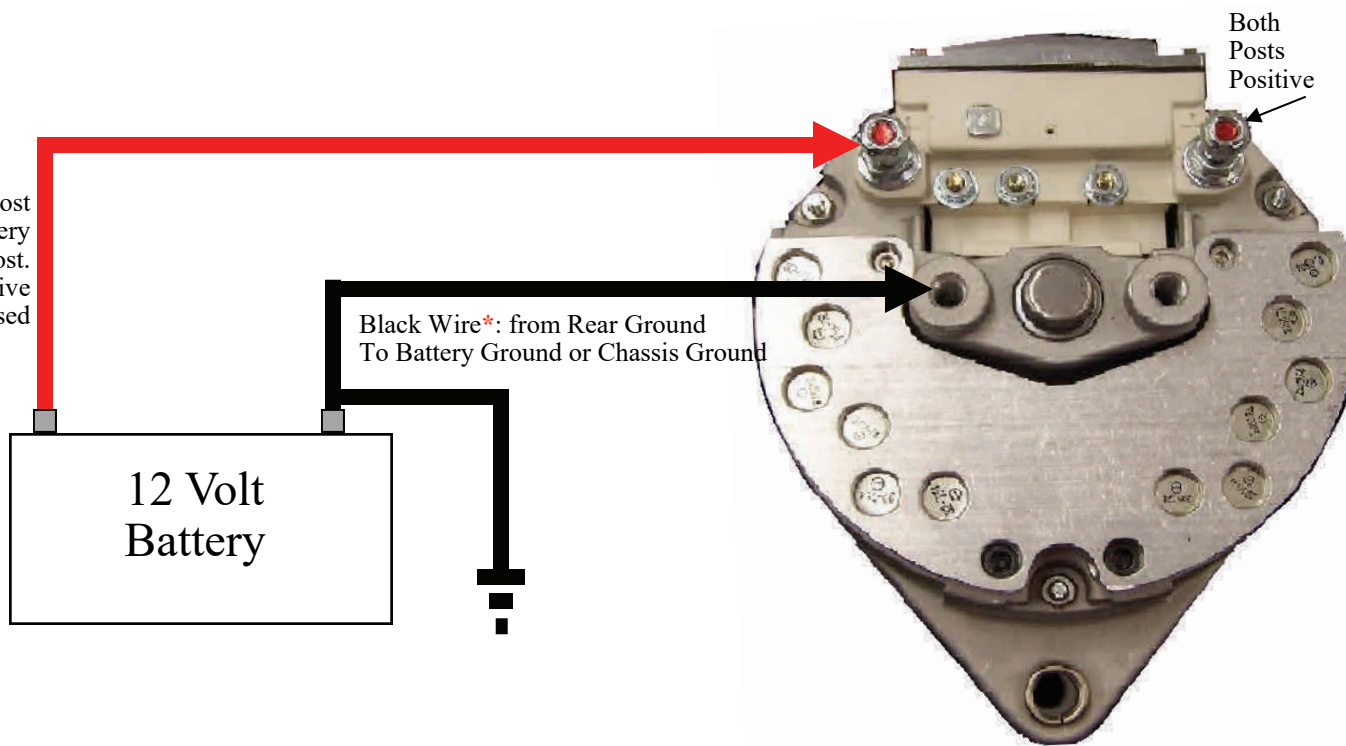


K.E.I. 2350 W. Commerce Dallas, TX 75212

Alternator Models: **KJ200SI /KJ250SI /KJ270SI**

Self-Excite Alternators

Red Wire*: from Rear Positive Post
to Battery
Positive Post.
Note: Either Positive
Post can be used



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	Date: 30 Aug 2009
Style: 12 Volt /J-180 Mount/ Internally Regulated	
Drawn By: DBA	Approved By: DK

***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.