



**American
Autowire**
150 Heller Place Bellmawr, NJ 08031 856-933-0801

INSTALLATION INSTRUCTIONS

This wiring kit is designed for ease of installation. Please read the guidelines below, BEFORE STARTING YOUR INSTALLATION, to guarantee a successful job!

STEP 1: DISCONNECT YOUR BATTERY

Disconnect the battery before installing the wiring kit to prevent any accidental shorting caused by loose bare wire ends.

STEP 2: MOUNT YOUR PANEL

It is recommended that you mount your panel under the dash, in the kick panel, or under the front seat. The fuse panel can be found in bag 510500.

STEP 3: START INSTALLING KIT

This kit is broken down into individual steps that are identified by a letter printed on the instruction sheets visible through each bag. These letters are the order of operation for installing your kit. Start with the bag letter "A", then "B", etc. The order of installation is shown below.

- A 510506 Ignition Switch and Starter Wiring Kit
- B 510505 Alternator Connection Kit
- C 510502 Headlight Switch Kit
- D 510501 Steering Column / Turn Signal Connection Kit
- E 510503 Gauge Connection Kit (Sending Unit Side)
- F 510504 Accessory Connection Kit

STEP 4: RECONNECT YOUR BATTERY

When you have completed the installation and are ready to reconnect the battery, make sure that the following electrical system grounds are in place:

- A. Battery is grounded to the engine block.
- B. Battery is grounded to the frame.
- C. Engine block is grounded to the frame.
- D. Body is grounded to the frame.

STEP 5: CHECK ALL ELECTRICAL FUNCTIONS

Any non-functioning items should be checked for proper installation. Any problems with your wiring and electrical circuit functions should be addressed with American Autowire Systems, Inc. as soon as possible to avoid any warranty problems.

If you have any questions concerning this or any of our products, please feel free to call us at 1-800-482-WIRE.

"AMERICAN AUTOWIRE MAKES WIRING THAT EASY!"



**ALSO AVAILABLE FROM
AMERICAN AUTOWIRE**

- HOOD & TRUNK LIGHTS
- DOOR JAM SWITCHES
- CUSTOM BATTERY CABLES
- TERMINALS, CONNECTORS
- GROMMETS, LIGHT SOCKETS
- MASTER DISCONNECT SWITCHES
- LED LIGHTS
- GLOVE BOX LIGHT

**AND
MUCH MORE!**

OPTIONAL ACCESSORY KITS

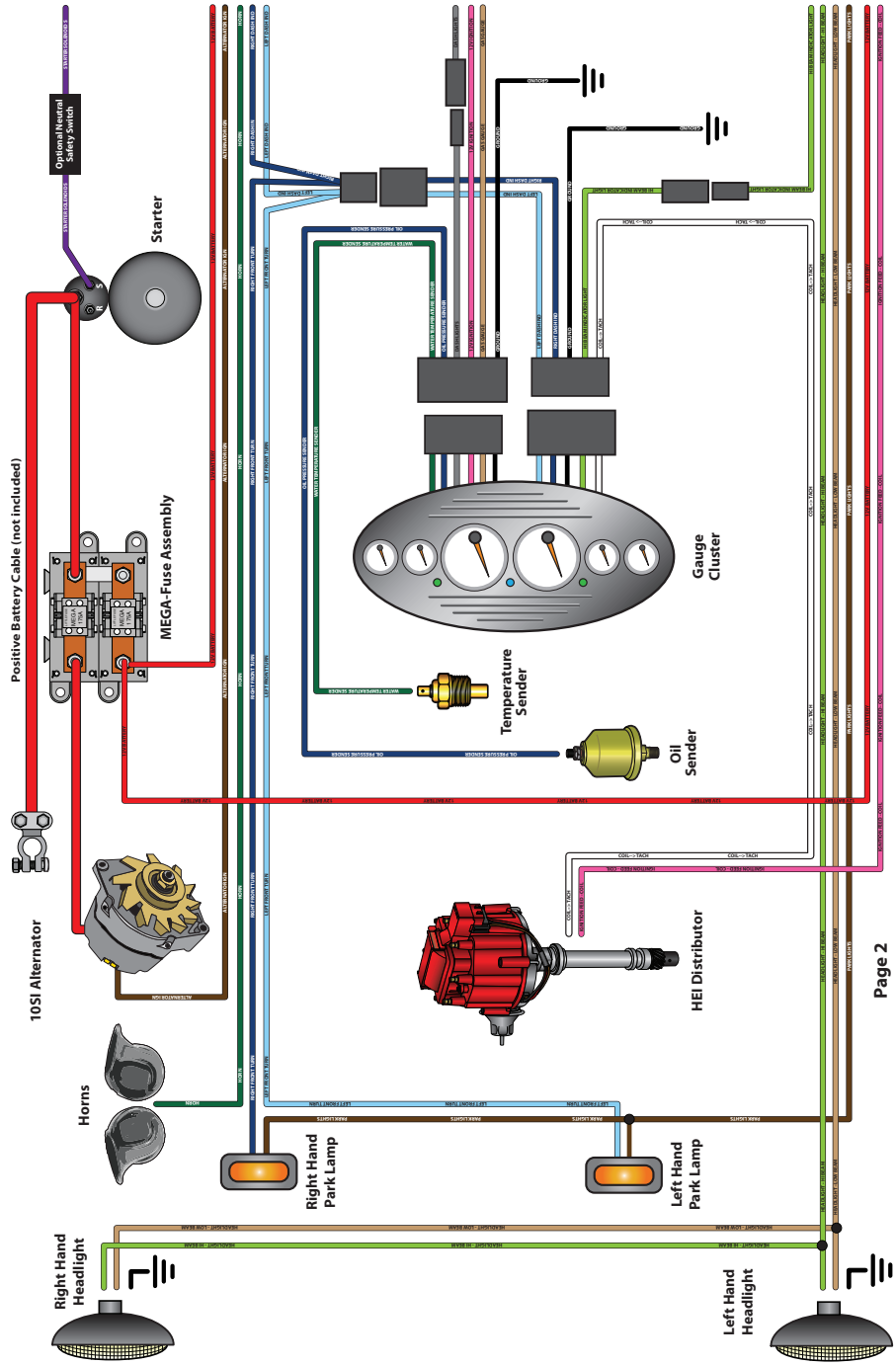
Call or visit www.americanautowire.com

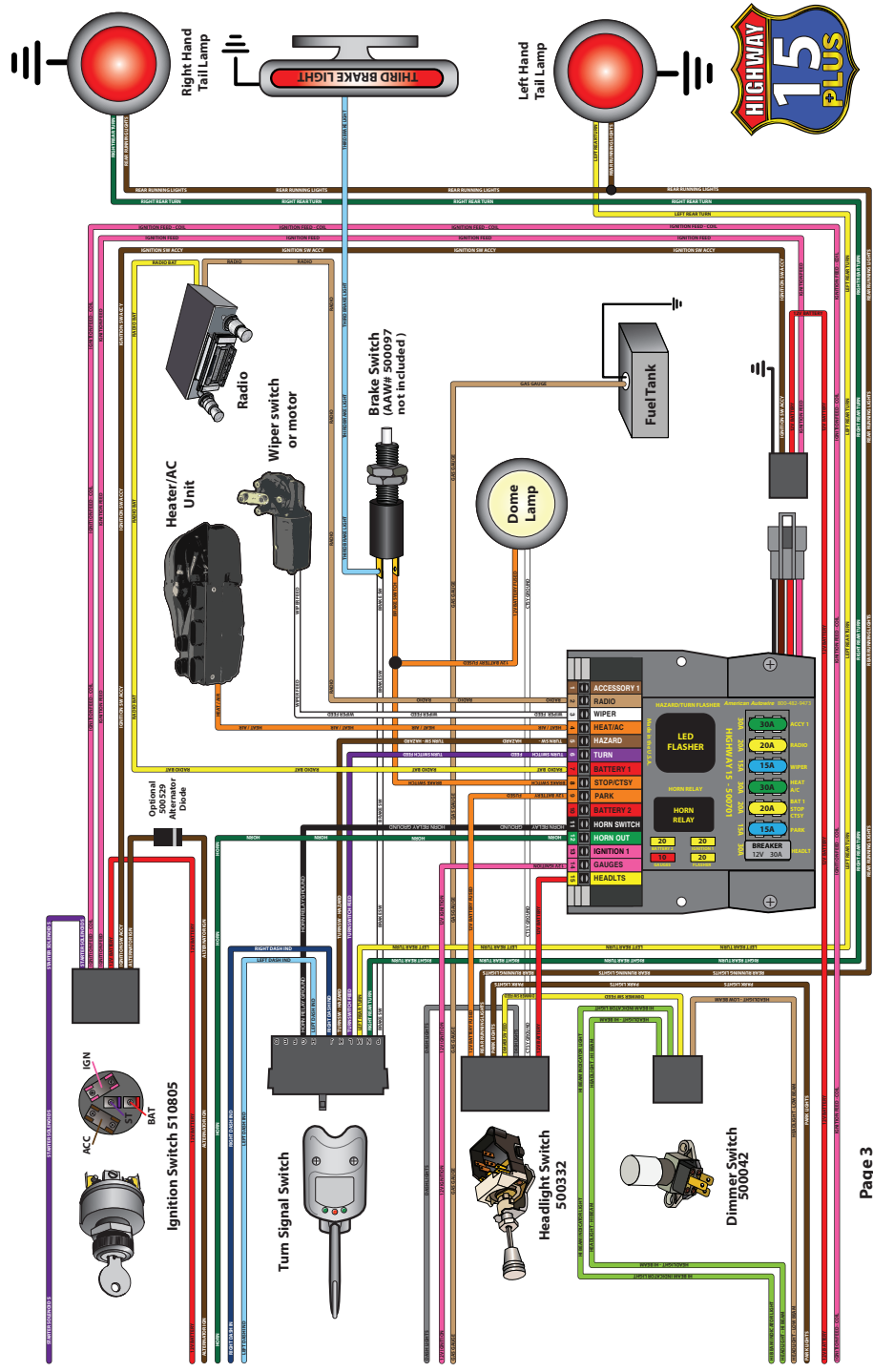
- p/n 500097 2 blade contact to operate brake lights
- p/n 500145 4 blade contact to operate brake lights and cruise
- p/n 500098 Lever type, water resistant
- p/n 500081 Adjustable lever design, water resistant
- p/n 500479 Complete kit wired harness complete with lamp sockets
- p/n 500493 On at 210 deg. off at 195 deg. Used with 500067 Fan relay kit.
- p/n 500491 On at 195 deg. off at 180 deg. Used with 500067 Fan relay kit.
- p/n 500492 On at 180 deg. off at 160 deg. Used with 500067 Fan relay kit.
- p/n 500717 Complete vehicle grounding system customizable to any vehicle.
- p/n 500544 Complete 12 to 1 splice kit for grounding or power connection.
- p/n 500144 3 position heater switch
- p/n 500003 Amber, blue, green, and red in both 5/32" and 1/4" sizes.
- p/n 500093 Master battery disconnect
- p/n 500146 Use for any heavy duty application requiring a relay.
- p/n 500350 Two speed switch for wiper.
- p/n 500656 12" with 3/8" mounting holes
- p/n 510287 18" with 3/8" mounting holes
- For use with one wire alternators using an indicator light.

- Battery cables
- Brake Switch
- Brake Switch
- Brake Switch
- Courtesy Light Kit
- Universal 40 amp Relay Kit
- Fan Temperature switch
- Fan Temperature switch
- Fan Temperature switch
- Grounding / Splice kit
- Heater Switch
- L.E.D. indicator lights
- Master Disconnect switch
- Universal Relay Kit - Waterproof
- Wiper Switch
- Ground Strap
- 11 Volt Warning Module



THIS KIT DOES NOT SUPPORT STOCK (ORIGINAL) GENERATORS. THE DESIGN OF THE KITS IS DESIGNED TO SUPPLY MORE POWER THAN THE GENERATOR IS ABLE TO SUPPLY.





Additional Accessories



**510643
Terminal Kit**

We've included the most common terminals and connectors that will help you with troubleshooting, repairing, or replacing connections. All contents are compartmentalized in a durable case with a heavy duty latching closure. The inside of the lid has a diagram detailing the contents by image and description.



**510451
Weather Pack Kit**

This 429-piece weather pack kit provides you with plenty of connection options that will help you with troubleshooting, repairing, or replacing connections. All contents are compartmentalized in a durable case with a heavy duty latching closure. The inside of the lid has a diagram detailing the contents by image and description.



**500097
Brake Switch**

Pedal mounted brake switch. Universal fit. Comes complete with connectors and terminals. Many different styles available in our catalog.



**500081
Courtesy Kit**

For connecting two under dash lamps to headlight switch & door switches. Has sockets w/ mounting brackets & terminals for bullet blade, or screw type door switches.



**500834
Remote Master Disconnect Switch**

Control your battery disconnect with a small remote mounted switch. Can be used with remote control modules. SPST latching solenoid with two 5/16" studs. Rated at 110 amps continuous.



**510587
Wire Crimpers**

The single crimper is used for wire sizes ranging from 14 to 20 gauge, and the double crimper is used for sizes from 10 to 18 gauge, or terminals receiving a two wire connection.



**510287
Volt Module**

The 11 volt module can be used to trigger an in-dash warning light when charging system voltage drops below 11 volts. This makes it the perfect solution to control a dash indicator light when installing a one-wire alternator, or simply as piece of mind in addition to a voltmeter.

**500350 - 12"
500656 - 18"
Ground Straps**



Medium duty ground straps are 100% tinned copper. Both sizes have a 3/8" hole on both ends.



**500717
All Copper Grounding Kit**

Copper Grounding Kit eliminates the frame rail as a conductor by using three grounding boxes connected by 6 gauge copper cables. The ground "loop" attaches to your existing negative battery cable to make for a solid, continuous connection. Includes 20 coils of pre-labeled wire, terminal lugs and a 6 gauge crimping tool.