### PART # 500718

**DESCRIPTION:**
IGNITION SWITCH & STARTER WIRING KIT

**PART CODE:** A

**MANUFACTURER:** Highway 15 Wiring Kit

**WEBSITE:** [Highway 15 Wiring Kit](http://www.highway15.com)

**PHONE:** 856-933-0801

**ADDRESS:** 150 Heller Pl #17 W, Bellmawr, NJ 08031

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**TABLE:**

<table>
<thead>
<tr>
<th>Wire Color</th>
<th>Circuit</th>
<th>Installation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brown/Red</td>
<td>Ignition Switch</td>
<td>Plug connector #2 into connector #1 at panel. Route BROWN, RED, PINK, and BLACK wires to the ignition switch. Using the supplied connector and terminal in the ignition switch bag 500006, connect the BROWN wire to the ignition switch “ACC” terminal, the RED wire to the ignition switch “BAT” terminal, and the PINK wire to the ignition switch “IGN” terminal, as shown on sheet 1. Connect the BLACK wire to a GOOD chassis ground using the supplied ring terminal E. Note: For a GM steering column ignition switch, use bag 500257, and follow the instructions in that bag.</td>
</tr>
<tr>
<td>Pink/Black</td>
<td>Dash Mount</td>
<td>UNIVERSAL</td>
</tr>
<tr>
<td>Pink</td>
<td>Coil Feed</td>
<td>Install the ring terminal onto the ignition switch at the &quot;IGN&quot; location, route the other end to your coil, HEI, or ignition box, and cut to length. Install the female terminal C and gray plastic connector D and plug into the HEI distributor. This connector is indexed and will only plug into the &quot;BAT&quot; input terminal in the distributor cap. Note: For a GM steering column ignition switch, use bag 500257, and follow the instructions in that bag.</td>
</tr>
<tr>
<td>Purple</td>
<td>Starter Solenoid</td>
<td>Connect the ring terminal end of this wire to the starter solenoid “SOL” terminal. Route the other end of this wire to your ignition switch “SOL” terminal and connect using the supplied terminal C and the ignition switch connector in the ignition switch bag 500452. Note: For a GM steering column ignition switch, use bag 500257, and follow the instructions in that bag.</td>
</tr>
<tr>
<td>Yellow</td>
<td>12V to Resistor</td>
<td>This wire is for the starting circuit on a points ignition system requiring a ballast resistor and a 12 volt override. Connect the end of the wire with the ring terminal to the &quot;R&quot; terminal on your starter solenoid. Connect the other end of this wire to the ballast resistor &quot;feed out&quot; side. (The side that feeds the coil) using sleeve F and terminal E.</td>
</tr>
<tr>
<td>Red</td>
<td>Main Battery</td>
<td>The main power to the panel is protected by a 175 amp MEGA-FUSE. The MEGA-FUSE connector is meant to be installed in line (as shown in the diagram) between the main power source and the Highway 15 ignition switch. Connect the large ring terminal end (already attached to the red power wire) to the BAT stud on your starter solenoid. Route the other end of the red wire to the location chosen for the 175 amp MEGA-FUSE connector and cut it to length. Install the shrink tube sleeve and ring terminal supplied in the 500689 MEGA-FUSE kit, and connect to the MEGA-FUSE connector as shown in the circuit diagram. Connect the remaining red power wire and attach to the BAT stud on the ignition switch using sleeve B and ring terminal A. Route the other end of the red wire to the opposite end of the 175 amp MEGA-FUSE connector and cut it to length. Install the remaining shrink tube sleeve and ring terminal supplied in the 500689 MEGA-FUSE kit, and connect to the MEGA-FUSE connector as shown in the circuit diagram.</td>
</tr>
</tbody>
</table>

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**DIAGRAM:**

[Diagram Image]

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**WEBSITE:** [American Autowire](http://www.americanautowire.com)

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**INSTRUCTION SHEET:**

[Instruction Sheet Image]

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**REV:** 3.0

**DATE:** 4/15/2009