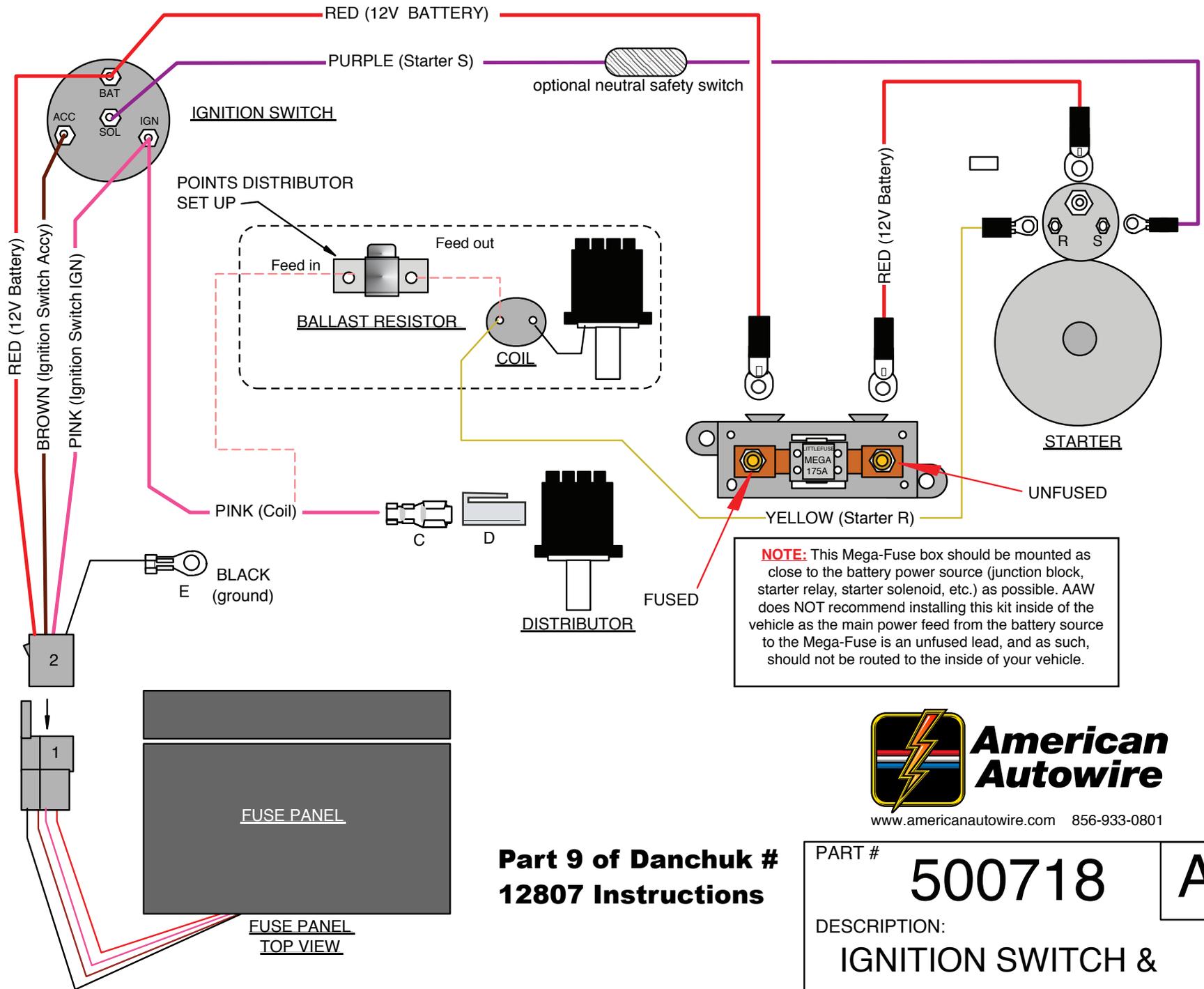


USE THIS SHEET FOR
HIGHWAY 15 WIRING KIT



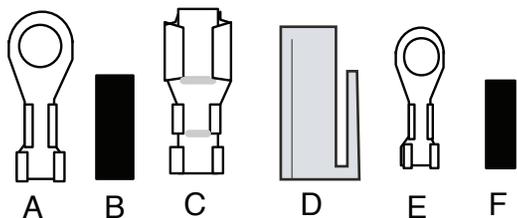
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**Part 9 of Danchuk #
 12807 Instructions**

PART #	500718	A
DESCRIPTION:	IGNITION SWITCH & STARTER WIRING KIT	
92966113	instruction sheet	Rev 4.0 4/11/2013

IMPORTANT: - Your battery must be disconnected before continuing with this installation!!

<u>WIRE COLOR</u>	<u>CIRCUIT</u>	<u>INSTALLATION</u>
BROWN / RED PINK / BLACK	IGNITION SWITCH	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.
PINK	COIL FEED	<u>On GM HEI distributors:</u> Install the ring terminal onto the ignition switch at the "IGN" 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 "BAT" input terminal in the distributor cap. Note: For GM steering column ignition switch, use bag 500257, and follow the instructions in that bag. <u>On an ignition system requiring a 12 volt power source:</u> Route one end of this wire to the ignition input feed of the ignition system that you are using. Route the other end of the pink wire to the "IGN" location on the ignition switch and connect using the supplied terminal C and the ignition switch connector in the ignition switch bag 500452. Note: For GM steering column ignition switch, use bag 500257, and follow the instructions in that bag. <u>On an ignition system requiring a ballast resistor:</u> Connect one end of this wire to the "feed in" side of the ballast resistor using sleeve B and terminal A. Route the other end of the pink wire to the "IGN" location on the ignition switch and connect using the supplied terminal C and the ignition switch connector in the ignition switch bag 500452. Use remaining pink wire cut from "feed in" to go from "feed out" to your coil. (Ring terminals C and sleeves B are supplied for this connection). Note: For GM steering column ignition switch, use bag 500257, and follow the instructions in that bag.
PURPLE	STARTER SOLENOID	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 in the ignition switch bag 500452, as shown on sheet 1. If you wish to use a neutral safety switch, it should be installed "IN LINE" with this wire as shown in the circuit diagram. Note: For a GM steering column ignition switch, use bag 500257, and follow the instructions in that bag.
YELLOW	12V TO RESISTOR	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 "R" terminal on your starter solenoid. Connect the other end of this wire to the ballast resistor "feed out" side. (The side that feeds the coil) using sleeve F and terminal E.
RED	MAIN BATTERY	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.



**Part 9 of Danchuk #
12807 Instructions**



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