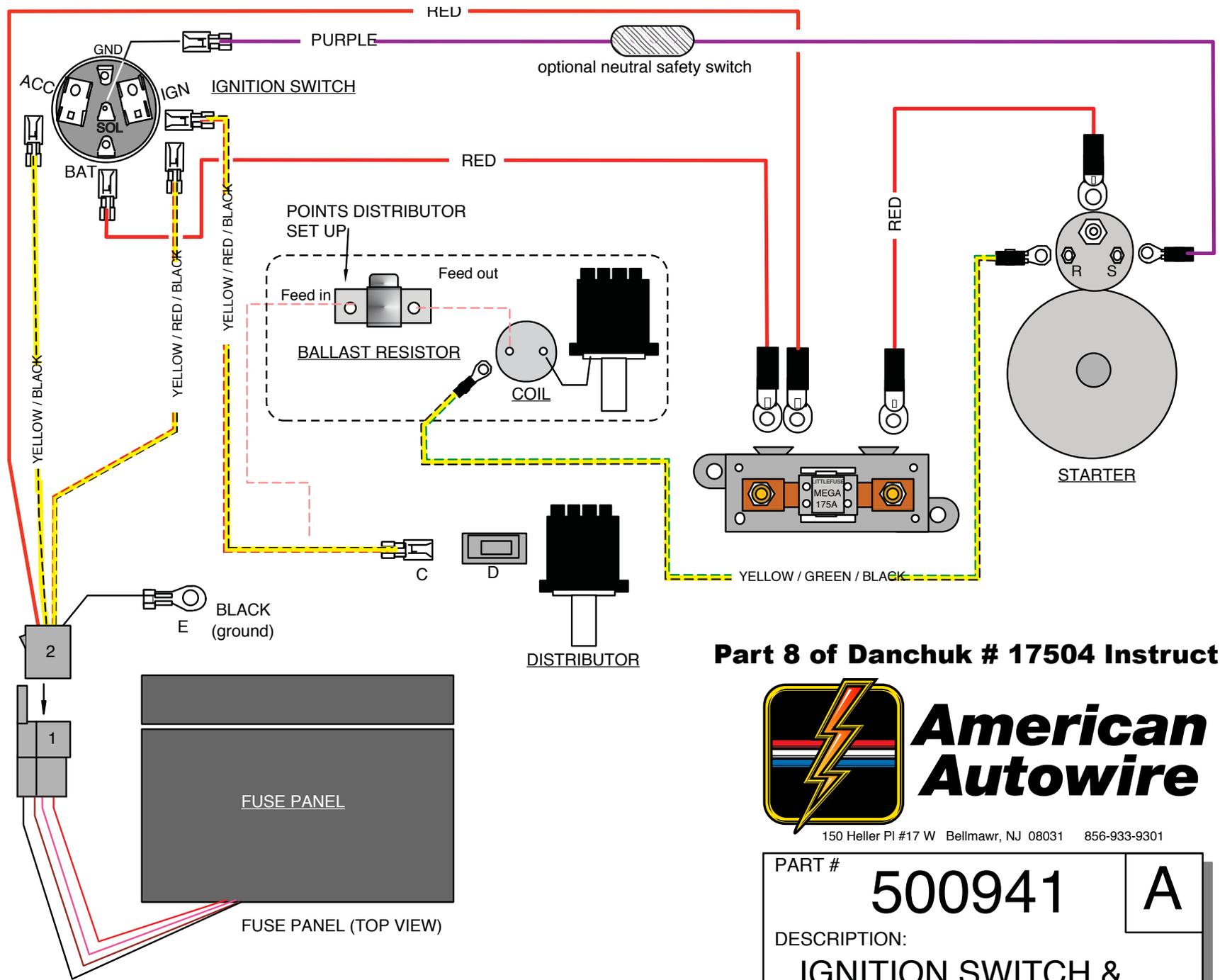


# HIGHWAY 15 NOSTALGIA WIRING KIT



## Part 8 of Danchuk # 17504 Instructions



**American  
Autowire**

150 Heller Pl #17 W Bellmawr, NJ 08031 856-933-9301

PART # **500941** **A**

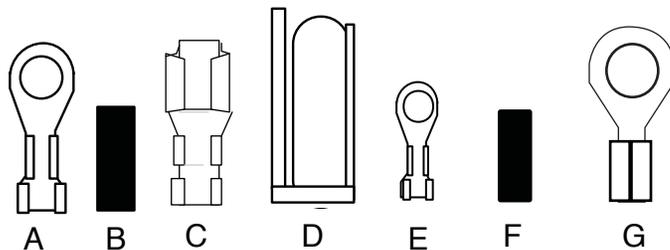
DESCRIPTION:  
**IGNITION SWITCH &  
STARTER WIRING KIT**

92968064 instruction sheet Rev 0.0 5/18/2009

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

WIRE COLOR	CIRCUIT	INSTALLATION
RED YELLOW / BLACK YELLOW / RED / BLACK BLACK	IGNITION SWITCH	Plug connector #2 into connector #1 at panel. Route YELLOW / BLACK, YELLOW / RED / BLACK wires to the ignition switch. Using the supplied connector and terminal in the ignition switch bag 500456, connect the YELLOW / BLACK wire to the ignition switch "ACC" terminal, the YELLOW / RED / BLACK wire to the ignition switch "IGN" terminal, as shown on page 1. Connect the BLACK wire to a GOOD chassis ground. Route the RED wire to the low tension side of the MEGA-FUSE. Install sleeve B an terminal G and attach to the MEGA-FUSE.
YELLOW / RED / BLACK	COIL FEED	<p><u>On GM HEI distributors:</u> Cut off ring terminal and sleeve. 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. Route the other end of the YELLOW / RED / BLACK wire to the "IGN" location on the ignition switch. Apply supplied terminal C and plug into the ignition switch connector supplied in the ignition switch bag 500456.</p> <p><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 YELLOW / RED / BLACK 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 500456.</p> <p><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 YELLOW / RED / BLACK 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 500456. Use remaining YELLOW / RED / BLACK wire cut from "feed in" to go from "feed out" to your coil. (Ring terminals C and sleeves B are supplied for this connection).</p>
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 500456, as shown on page 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.
YELLOW / GREEN / BLACK	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 sleeve G and connect to the MEGA-FUSE connector as shown in the circuit diagram. Select the remaining RED power wire and attach to the BAT blade on the ignition switch using terminal C. 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 sleeve B and ring terminal G and connect to the MEGA-FUSE connector as shown in the circuit diagram.

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PART #	<b>500941</b>	<b>A</b>
DESCRIPTION:		
<b><u>IGNITION SWITCH &amp; STARTER WIRING KIT</u></b>		
92968064	instruction sheet	Rev 0.0 5/18/2009