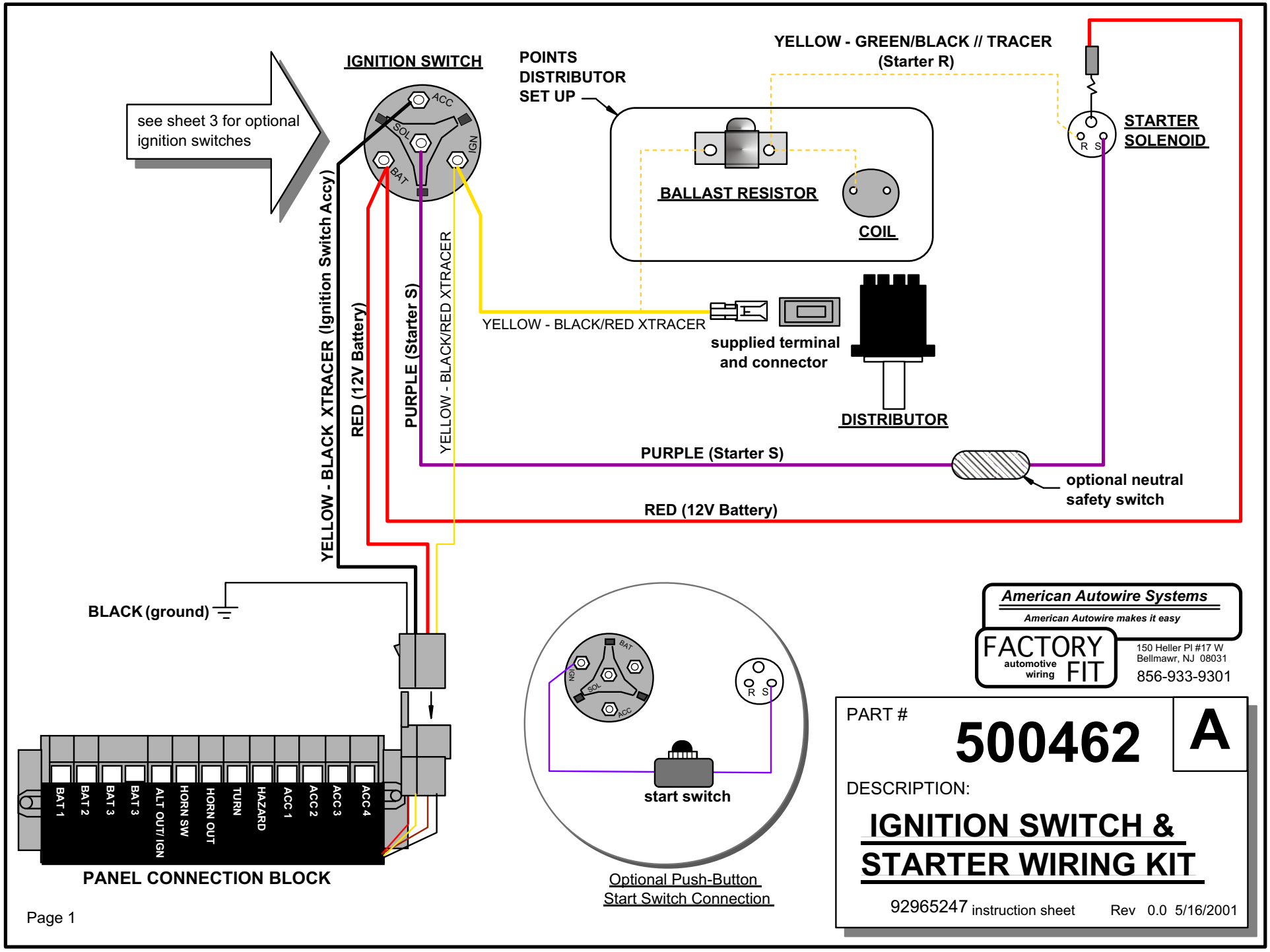
see sheet 3 for optional ignition switches
IGNITION SWITCH
ACC
SOL
IGN
BAT
POINTS DISTRIBUTOR SET UP
YELLOW - GREEN/BLACK // TRACER (Starter R)
STARTER SOLENOID
R S
BALLAST RESISTOR
COIL
YELLOW - BLACK XTRACER (Ignition Switch Accy)
RED (12V Battery)
PURPLE (Starter S)
YELLOW - BLACK/RED XTRACER
YELLOW - BLACK/RED XTRACER
supplied terminal and connector
DISTRIBUTOR
PURPLE (Starter S)
optional neutral safety switch
RED (12V Battery)
BLACK (ground)
BAT 1
BAT 2
BAT 3
BAT 3
ALT OUT/ IGN
HORN SW
HORN OUT
TURN
HAZARD
ACC 1
ACC 2
ACC 3
ACC 4
PANEL CONNECTION BLOCK
start switch
Optional Push-Button Start Switch Connection
American Autowire Systems
American Autowire makes it easy
FACTORY FIT automotive wiring
150 Heller Pl #17 W
Bellmawr, NJ 08031
856-933-9301
PART #
500462
A
DESCRIPTION:
IGNITION SWITCH & STARTER WIRING KIT
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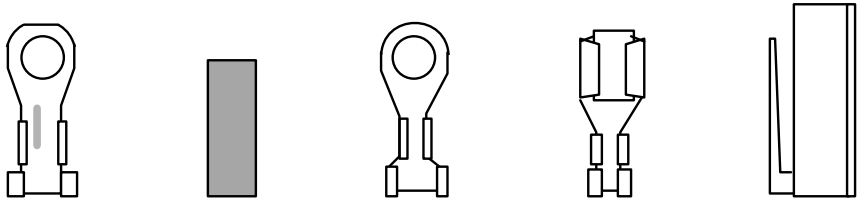
WIRE COLOR	CIRCUIT	INSTALLATION
4 POSITION CONNECTOR		Plug the four position connector from this bag into the four position connector located on your fuse panel. Route RED, YELLOW - BLK/RED X TRACER, YELLOW - BLK X TRACER wires to the ignition switch. Connect the RED wire to the ignition switch "BAT" post using ring terminal "A" and sleeve "B". Connect the YELLOW - BLACK X TRACER wire to the ignition switch "ACC" post using ring terminal "A" and sleeve "B". Connect the YELLOW - BLK/RED X TRACER wire to the ignition switch "IGN" post using sleeve "B" and ring terminal "A". If using a GM column mounted ignition switch, see the terminal orientation on sheet 3. The BLACK wire should be connected to a good CHASSIS ground using a small ring terminal "C" (sleeve is not necessary on this ground wire).
PURPLE	STARTER SOLENOID	Connect one end of this wire to the starter solenoid "SOL" stud, using the provided sleeve "B" and ring terminal "A". Route the other end of this wire to your ignition switch "ST" or "SOL" terminal, and terminate using ring sleeve "B" and ring terminal "A". If you wish to use a neutral safety switch, it should be installed "IN LINE" with this wire as shown on sheet 1. For GM steering column ignition switch, see the terminal orientation on sheet 3.
RED	MAIN BATTERY	Connect the BROWN fuse link wire (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 ignition switch. Using ring sleeve "B" and ring terminal "A", connect to the 'BAT" post in ignition switch. This is the main power feed to your vehicle. NOTE: On GM column mounted ignition switches, this wire will go into the BLACK connector, as shown on sheet 3.
YELLOW - BLACK/RED XTRACER	COIL FEED	**On a GM HEI distributors:** Install the female terminal "D" and gray plastic connector "E" and plug into the HEI "BAT" location on your distributor. This connector is indexed and will only plug into the 12 volt "BAT" ignition input terminal in the distributor cap. Route the other end of this wire to the ignition switch, install sleeve "B" and ring terminal "A". Connect this wire to the "IGN" post on the ignition switch. For GM steering column ignition switch, see the terminal orientation on sheet 3. **On an ignition system requiring a 12 volt power source:** Route one end of this wire to the ignition input feed of the ignition system that you are using. Route the other end of this wire to the ignition switch, install ring terminal "A" and sleeve "B". Connect this wire to the "IGN" post on the ignition switch. For GM steering column ignition switch, see the terminal orientation on sheet 3. **On an ignition system requiring a ballast resistor:** Install sleeve "B" and ring terminal "A" on one end of wire. This end will go on the "feed in' side of the ballast resistor. Route the other end of this wire to the ignition switch, install sleeve "B" and ring terminal "A" . Connect this wire to the "IGN" post on the ignition switch. For GM steering column ignition switch, see the terminal orientation on sheet 3. Use the remainder of this wire to complete the resistor to coil connection using sleeve "B" and ring terminal "A".
YELLOW - GREEN/BLACK // TRACER	12V to RESISTOR	This wire is for the starting circuit on a points ignition system requiring a ballast resistor. Install terminal "C" and sleeve "B" on one end and connect it to the "R" terminal on your starter solenoid. Route the other end of this wire to the ballast resistor and cut it to length. Install supplied sleeve "B" and ring terminal "C", and connect the wire to the "feed out" stud on ballast resistor. (This is the side that feeds the coil).



A B C D E

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IGNITION SWITCH & STARTER WIRING KIT

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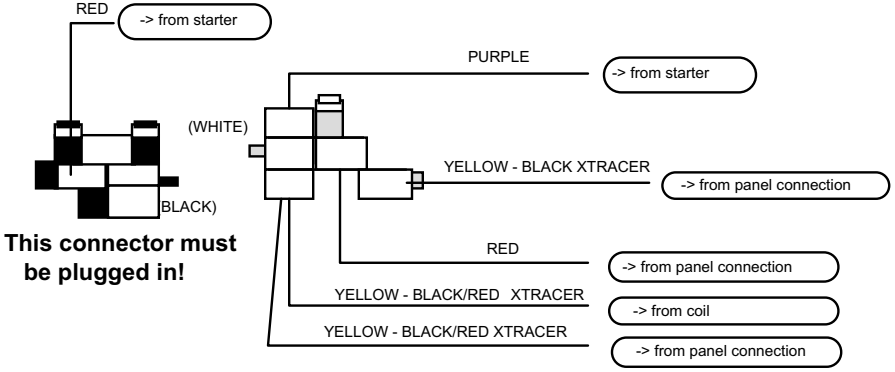
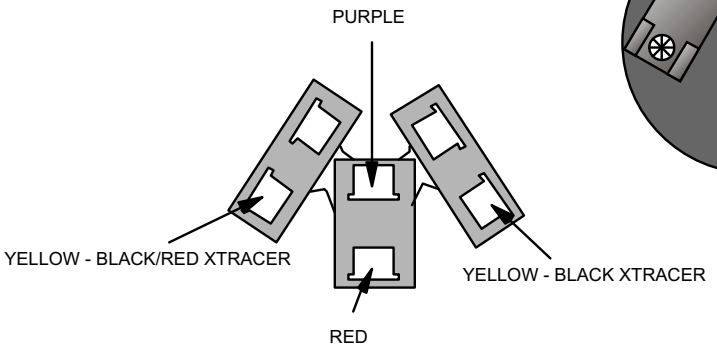
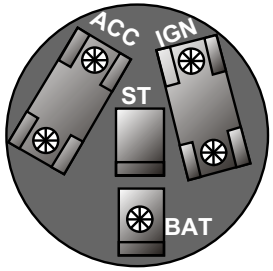
OPTIONAL IGNITION SWITCH CONNECTIONS



This connector must be plugged in!

Connecting to a GM column mount switch connector using supplied terminals. American Autowire has GM connectors available.

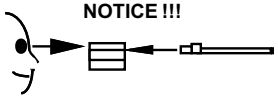




1. **Plug all wires into the supplied BLACK connector as shown above.**
   <u>IMPORTANT</u> - note orientation of wires before plugging into connector!
2. **Plug this connector into ignition switch.**
3. **Verify wire color and labeling to ignition switch circuit identification.**

RED	-> from panel connection
PURPLE	-> from starter
YELLOW - BLACK/RED XTRACER	-> from coil & panel connection
YELLOW - BLACK XTRACER	-> from panel connection

NOTICE !!!



All connector drawings are shown viewing the connector from the FRONT, and plugging wire in from REAR

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IGNITION SWITCH & STARTER WIRING KIT

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