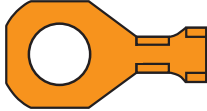
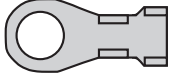


510292 Engine harness installation instructions:

Below are the supplied misc. terminals, connector bodies and assorted components included in the Engine Harness and Loose Piece bags. These will be used to complete your Engine Harness connections and are referred by the letters and descriptions below from this point forward.

A  (ring terminal, 3 pcs)

L  (ring terminal, 3 pcs)


U  (electric choke pigtail - reference, 1 pc)

B  (56 Series double female terminal, 6 pcs)

M  (ring terminal, 4 pcs)

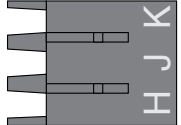
V  (56 Series single female connector, 1 pc)


C  (56 Series single female terminal, 9 pcs)


N  (small sleeve, 7 pcs)

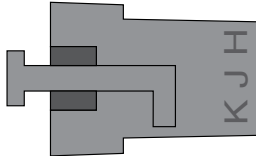
W  (56 Series single female connector, 1 pc)

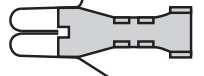
D  (56 Series single female connector, 8 pcs)

P  (Pack Con 3-way male connector, 1 pc)

Y  (Pack Con male terminal, 4 pcs)

E  (large sleeve, 6 pcs)

Q  (Pack Con 3-way female connector, 1 pc)

Z  (Pack Con female terminal, 4 pcs)

G  (56 Series single female connector, 2 pcs)

R  (clutch interlock ground pigtail - reference, 1 pc)

H  (ring terminal, 3 pcs)

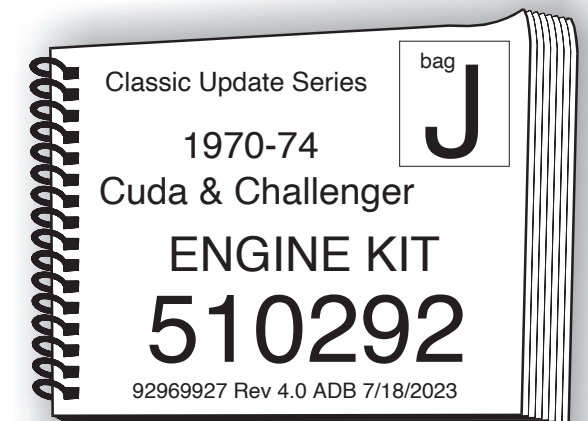
S  (starter solenoid feed pigtail - reference, 1 pc)

J  (56 Series single male terminal, 2 pcs)

T  (starter to starter relay pigtail, 1 pc)



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TEMPORARILY, PLUG THE MAIN BULKHEAD CONNECTOR FROM THIS KIT INTO THE MATING CONNECTOR ON THE DASH BULKHEAD CONNECTOR (LOCATED IN THE CENTER OF THE FIREWALL) Note: This will need to be unbolted and removed to install the front light harness later.

BULKHEAD CONNECTOR WIRES:

RED	12 V battery	Connect the RED wire in this kit to the 175 amp MEGA-FUSE as shown on page 1 using the terminals and shrink tubing found in the 510476 Alternator and Main Power Connection kit.
DARK BLUE	Oil pressure sender	Connect this wire to the oil pressure sending unit using terminal H or terminal C together with connector G.
DARK GREEN	Water temp sender	Connect this wire to the temperature sending unit using terminal H or terminal C together with connector G.
LIGHT GREEN	Back up lamp	If using a 4 speed trans, route this wire to one side of the back up lamp switch located on the transmission. If using an automatic trans, route this wire to one of the outer posts of the neutral safety and back up lamp switch on the automatic trans.
PINK	12 V ignition (light gauge)	If using a 4 speed trans, route this wire to the opposite side of the back up lamp switch located on the transmission. If using an automatic trans, route this wire to the opposite of the outer posts of the neutral safety and back up lamp switch on the automatic trans.
PINK	Ignition feed (heavy gauge)	If using an HEI type distributor see page 6 for the connection of the pink ignition wire. If using a points type ignition system see page 6 for the connection of the pink ignition wire. If using a MOPAR electronic ignition system see page 5 for the connection of the pink ignition wire.
YELLOW		Connect the YELLOW wire to the "I" terminal on the starter relay using terminal C and connector D.
BROWN		Route the BROWN wire to the coil side of the ballast resistor or directly to the positive (+) side of the coil using terminal L. This will supply ignition voltage to the coil in the "cranking" mode.
WHITE	Coil Tach	Route this wire to the tach feed on your ignition system. This is the (-) side of the coil on points systems, but varies on other ignition types. Please see pages 5-6 for common ignition systems. Please refer to the instructions provided with your ignition system for the correct connection of this wire if your system is not covered on pages 5 - 6.
BLACK	(with molded rubber end)	Route this wire to the brake warning switch on your brake distribution block.

ALTERNATOR:

HEAVY RED This wire can be found in the 510476 Alternator and Main Power Connection kit 510476.

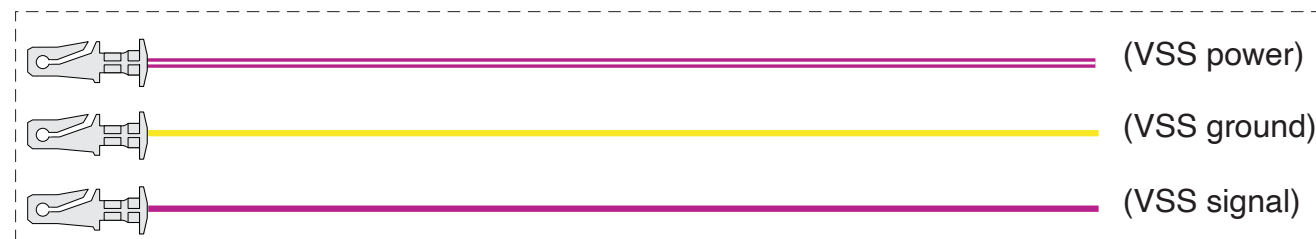
VSS WIRES: The next three Vehicle Speed Sensor (VSS) wires will be used only if you are using an electronic speedometer (see below). Plug these wires into the main engine connector as shown on pages 3 and 4.

PURPLE/WHITE	VSS power	Route this wire to the vehicle speed sensor and connect to the 12 volt power lead.
PURPLE	VSS signal	Route this wire to the vehicle speed sensor and connect to the signal lead.
YELLOW	VSS ground	Twist this wire with the purple signal lead wire above to assure proper shielding. Connect this wire to the vehicle speed sensor ground lead.:

REMAINING LOOSE WIRES:

BLACK		Plug the factory terminated end onto the "G" terminal of the starter relay. If using a manual trans with a clutch operated neutral safety switch, route the loose end of this wire back to the bulkhead connector, cut to length, install terminal J and plug it into the bulkhead connector in the location shown on page 3. If using an automatic trans, route the loose end of this wire to the center post on the neutral safety and back up lamp switch on the automatic trans.
RED	12V Battery	Place factory terminated end on the "BAT" stud on the starter relay, route the other end to the battery stud on the starter, cut to length, install rubber sleeve E and ring terminal A (soldering is recommended), then connect the completed wire onto the battery terminal on the starter.
PURPLE	Starter solenoid	Place factory terminated end on the "SOL" stud on the starter relay, route the other end to the solenoid stud on the starter, cut to length, install rubber sleeve E and ring terminal A (soldering is recommended), then connect the completed wire onto the solenoid terminal on the starter.
TAN choke	Electric choke	If using an electric choke, splice this wire into lighter gauge pink wire from above as shown on pages 3-4 of this instruction set. Route this wire to your carburetor assembly, cut to length, and connect there. No terminals have been supplied for this connection as they vary greatly from assembly to assembly.

VSS WIRES



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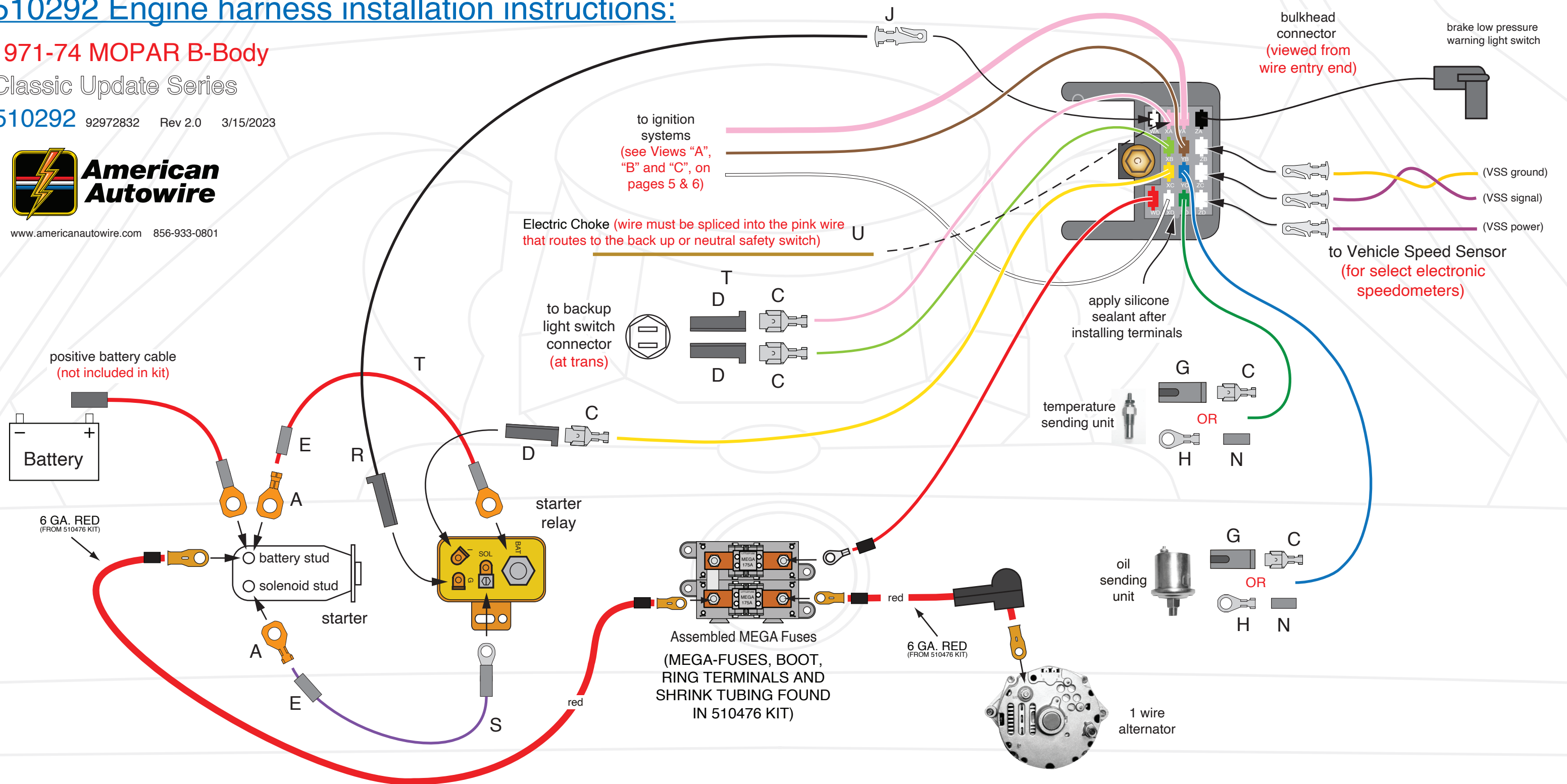
1971-74 MOPAR B-Body

Classic Update Series

510292 92972832 Rev 2.0 3/15/2023



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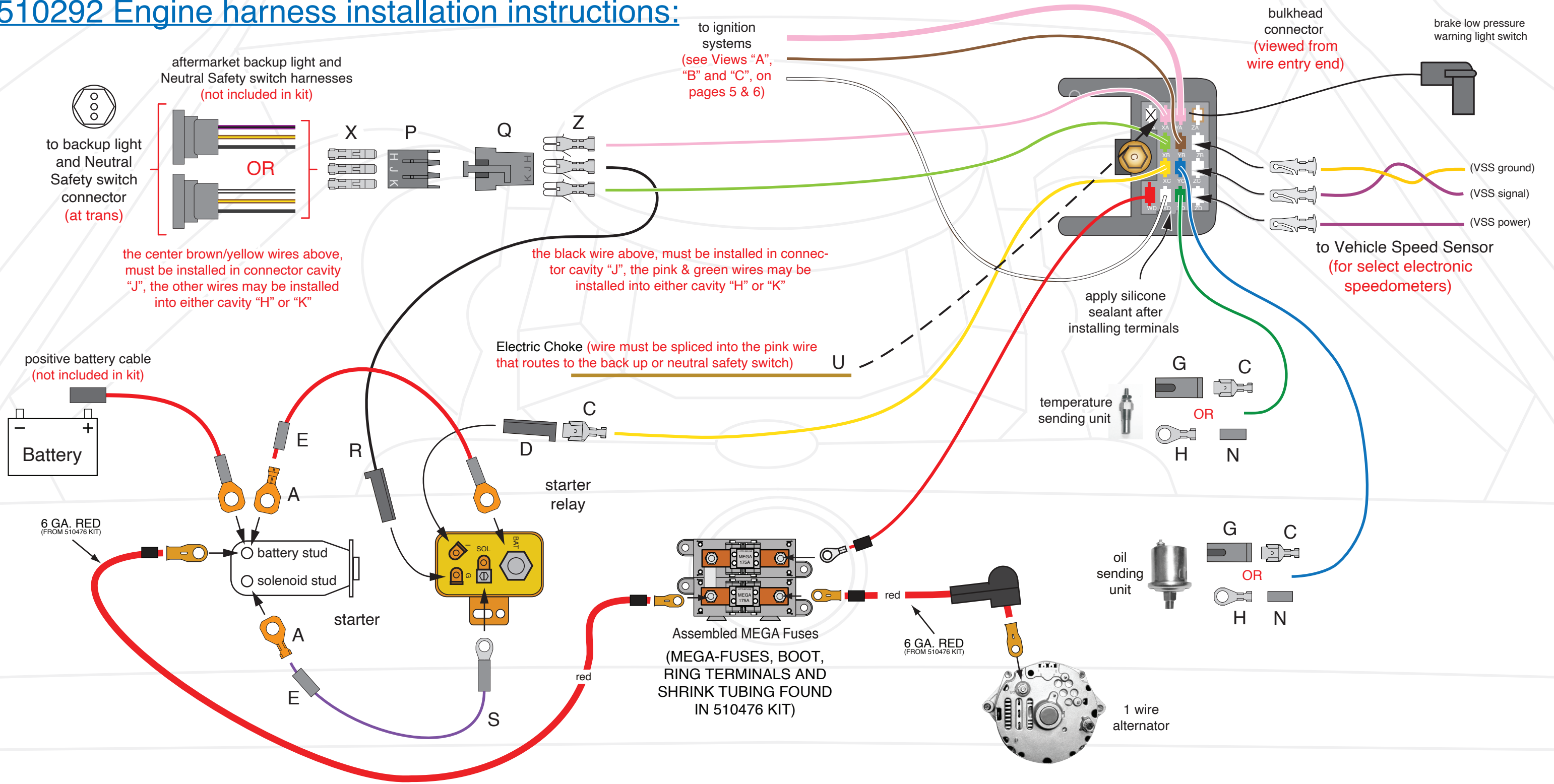
**ALL MANUAL
TRANS**



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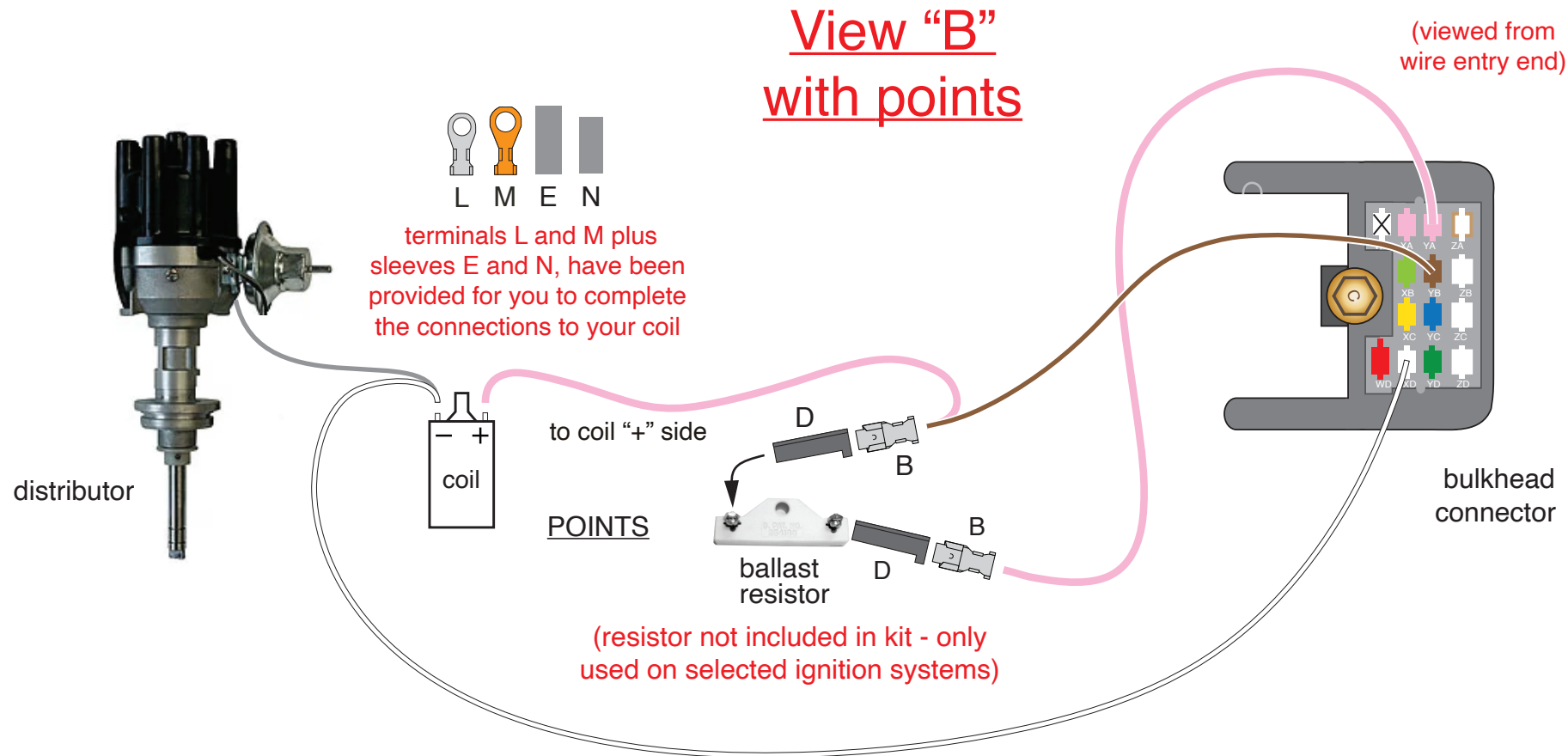
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510292 Engine harness installation instructions:

Ignition system wiring:

View "B" with points



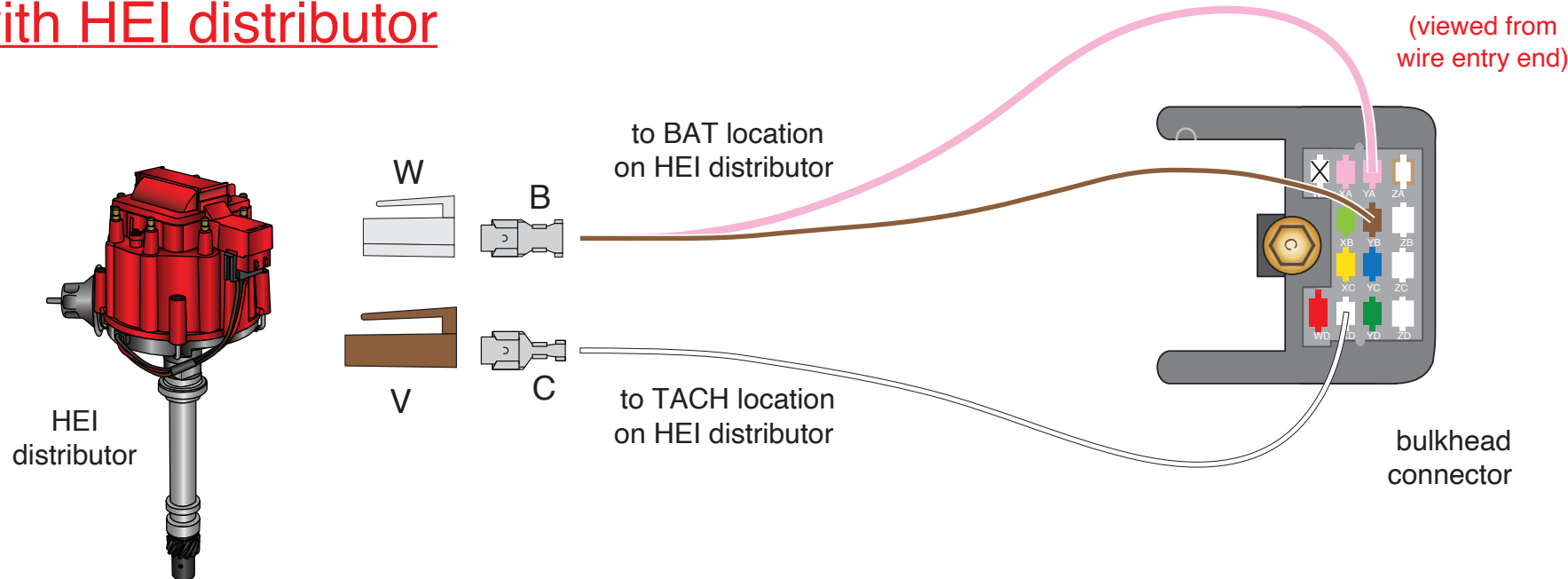
Ignition system wiring: OTHER IGNITION TYPES FOR OTHER TYPES OF IGNITION SYSTEMS AND/OR EFI APPLICATIONS:

The Pink and Brown ignition wires may be connected together and used as a keyed 12(+) power feed to your ignition box or EFI computer control harness or computer.

Please note: **These wires are not fused.** Please consult the instructions for your ignition system or EFI harness to confirm if an in-line fuse is required.

Finally: The pink and brown wires **must be used together** in order for their to be power when the key is in the run and crank position.

View "C" with HEI distributor



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