



WARNING:

Validate the kit contents with the component list included on page 2 of this sheet before proceeding. This kit is intended for use in a modified vehicle. Please read this sheet thoroughly and be sure that you understand everything explained here, prior to opening any of the enclosed packages, or before attempting to install any of the components. Once this kit has been opened or a component installed, the kit is not returnable.

1. This kit is designed for a vehicle with a **MODIFIED** electrical system only; this is not intended to be a factory replacement wiring harness. This kit does not contain any wiring for, nor will it support the use of some of the more obscure factory options such as the overhead reading or map lamp, time delay relay, overhead console, or door ajar lighting. There are no headlamp, dash panel dimmer, or ignition switches included with this kit. You will need to retain and re-use your originals, or locate replacements if your originals are missing. You will also need to re-use your original starter relay or purchase a new one.
2. This kit **DOES NOT** provided any wiring for factory combination Air Conditioning (A/C) and heater systems. However, this kit will support the use of and does contain all of the necessary wiring for factory heater-only systems. It also supplies power for any aftermarket A/C and/or heater systems.
3. The factory dash lighting was done through a separate stand-alone indirect lighting harness that snapped into the shroud above the overhang of the dash cluster assembly and illuminated the face of the dash cluster by shining down on it. The lamp sockets for this harness are very unique and are not commercially available. As with the factory set up, this harness is a separate unit that it **IS NOT** included as part of the dash harness. Your original harness will need to be re-used. Your original, factory stand-alone dash lighting harness will plug into the AAW dash harness "dash lighting candelabra" just exactly as it plugged into your original OEM dash harness "dash lighting candelabra".
4. This kit only supports the use of a higher current, self-exciting 1-wire alternator or an internally regulated alternator. The the factory, externally-regulated, alternator cannot be used with this kit.
5. This kit **WILL NOT** support the use of a factory ammeter. All AAW kits are engineered to supply the optimum charge to the battery. To achieve this performance, we route our 6ga. charge wire directly from the alternator output charge terminal to the starter battery terminal. Due to the path of the charge being altered from the stock configuration, the gauge can no longer see a charge vs. a discharge, so it will not work properly. When ammeters were originally used, most generator or alternator current outputs were rated at a maximum of about 25-60 amps. Modified cars being built today typically utilize a 100 amp or higher output alternator. With these higher current units, ammeters, generally speaking, become a safety hazard. Ammeters are usually wired in parallel to the charging circuit, are typically unfused, and can short very easily causing a fire. **A voltmeter is recommended as a good alternative.**
6. This kit is wired with a full 12 volt primary ignition feed that is hot in the run position. Primary ignition voltage in the starting position is handled via a full 12 volt bypass wire. Our system will support HEI, MSD, other electronic ignition systems, as well as most all computerized Fuel Injection systems. If you wish to run a points type system, there are illustrations on the engine connection pages to do so. The connectors and terminals to install a ballast resistor for a points type system are included in this kit, but extra parts (ballast resistor) that are not included in this kit will be required to complete that operation.



**American
Autowire**

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510289

92969968 Rev 4.0 6/7/2024

510289 - Classic Update Series Kit
1970-74 Plymouth Cuda
1970-74 Dodge Challenger

This kit contains the following components:

<u>Bag</u>	<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
	500042	Floor Dimmer Switch	1
	500919	Practice Terminal Crimping Set	1
	510058	Fuse, Relay, and Flasher Kit	1
G	510291	Dash Harness Kit	1
J	510292	Engine Wiring Kit	1
L	510293	Front Light Wiring Kit	1
M	510294	Rear Body Wiring Kit	1
H	510295	Dash Cluster wiring kit	1
N	510296	Courtesy Light Kit	1
Z	510476	Alternator and Main Power Connection Kit	1
	92969921	Firewall Modification Template	1
	92969969	Kit Introduction Instruction Sheet	1
	92969968	Warning Sheet	1

Validate the kit contents with this component list. If there are any discrepancies with incorrect or missing parts, stop your installation and notify the supplier you purchased the kit from before proceeding



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