



WARNING:

Validate the kit contents with the component list included on page 2 of this sheet before proceeding. This kit is intended to be used in a modified vehicle. Please read this sheet thoroughly and be sure that you understand everything explained on it 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 new upgraded AAW wiring system should typically be used in a **MODIFIED** application only.
2. This kit supports the use of a factory heater system or most all aftermarket heater and A/C systems only. It will support the different factory A/C systems as it is, but **DOES NOT** include any of the factory A/C wiring. For the 1978 thru 1980 Camaro Models, the factory A/C wiring and compressor extension harnesses were serviced as separate, stand alone items. You may either re-use your original harnesses, or purchase new ones from AAW. Contact your favorite AAW dealer to inquire about the correct harnesses for your application.
3. This kit supports the use of a high current self-exciting 1-wire, stock "SI" series, or other style internally regulated alternator. An adapter may be necessary in some applications. The use of stock, low amperage alternators is seriously discouraged as they cannot handle the higher current requirements of most updated ignition systems, electric fans, aftermarket A/C systems, stereo systems, air ride suspensions, and other power hungry accessories that will ultimately create performance issues within the system.
4. 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, and was stock in a factory gauge car in 1978-1980.
5. This kit **IS NOT** set up with a resistance wire for a standard, points type ignition system. It is wired with a full 12 volt primary ignition feed that is hot in the crank and run positions. 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. Primary ignition voltage in the cranking position is handled via a full 12 volt bypass wire that routed from the starter to the coil. Extra parts (ballist resistor) that are not included in this kit will be required to complete that type of operation.
6. If your car has the GM on-board C4 computer system that was used for California emissions in 1980, you will need to reuse that harness as this new kit does not include any of the wiring for that system.



**American
Autowire**

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510581

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510581 - Classic Update Series Kit 1978-80 Chevrolet Camaro

This kit contains the following components:

<u>Bag</u>	<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
	500042	Floor Dimmer Switch	1
	500332	Headlight Switch	1
N	500707	Fuse, Relay, and Flasher kit	1
	500708	Courtesy Light Kit	1
	500919	Practice Terminal Crimping Set	1
G	510568	Dash Harness kit	1
H	510569	Instrument Cluster wiring kit	1
J	510570	Engine Wiring Kit	1
L	510571	Front Light Wiring kit	1
M	510582	Rear Body Wiring kit	1
Z	510476	Alternator and Main Connection kit	1
	520001	Digital Gauge System Dim Wire - GM Kits	1
	92970957	Kit Supplemental Instruction Sheet	1
	92970958	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.

