



**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. If your car is equipped with a factory tach, AAW recommends that you purchase the correct tach harness for your application as the original connections for the factory tachs were very unique, and varied in application from 1968 through 1972. Please see the cluster directions, **510647 page 1**, for more details.
3. This kit includes the wiring to support the use of a factory heater only system and/or aftermarket heater and A/C systems. This kit does not include the wiring for the factory original A/C system as it is. We do offer the original A/C wiring that you can purchase separately if you want to use the original A/C system. Check with AAW for price and availability.
4. This kit supports the use of a high current self-exciting 1-wire, "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.
5. AAW **DOES NOT** support the use of an 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 may not work properly. Most stock alternator current outputs were rated at a maximum of about 37-60 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. This wiring system has been designed to work with a voltmeter.
6. 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 "R" terminals to the positive side on the coil. Extra parts (ballast resistor) that are not included in this kit will be required to complete that type of operation.
7. If your car is a convertible, you can purchase power top harness **PL63120** from AAW to connect your power motor, and **510199** to connect the rear arm rest courtesy lights.



**510645**

# 510645 - Classic Update Series Kit 1968-72 Olds Cutlass

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	500708	Courtesy Light kit	1
	500707	Fuse, Relay, and Flasher kit	1
	500919	Practice Terminal Crimping Set	1
G	510646	Dash Harness kit	1
H	510647	Instrument Cluster wiring kit	1
J	510648	Engine Wiring Kit	1
L	510649	Front Light Wiring kit	1
M	510650	Rear Body Wiring kit	1
C	510658	Console Wiring kit	1
Z	510476	Alternator and Main Power Connection Kit	1
	92971580	Supplemental Instruction Sheet	1
	92971581	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.



[www.americanautowire.com](http://www.americanautowire.com) 856-933-0801

# 510645