

NOTE: If the fuse panel on your 510125 Mustang kit dash harness looks like the photo at the left, you have the first design harness and your instructions follow this title page.



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64-6 Mustang First Design Instructions

92972203 rev. 0.0 7/20/2018



WARNING: Validate the kit contents with the component list included on page 2 of this sheet before proceeding. This harness 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 kit should typically be used in a MODIFIED 1964-1966 Mustang application only.

2.Some early production 1964 1/2 Mustangs used a unique headlight switch assembly that utilized a shorter knob and shaft assembly than the later production 1965 - 66 cars used (3.63" vs. 3.90"). The new AAW switch included with this kit is an exact replacement for the later 1965-66 cars and needs the later production style knob and shaft in order to operate. If your car is an early production 1964 1/2 model, you will need to purchase the newer long style knob and shaft assembly from your favorite Mustang parts supplier as your original will be too short to operate the new AAW switch assembly.

3. Due to space contraints and mounting location of the fuse panel itself, this harness CANNOT be used in a vehicle with Factory A/C.

4. This kit only supports the use of a higher current self-exciting 1 wire, or other style internally regulated alternator. An adapter may be necessary for certain applications. The use of a stock, low amperage alternator is seriously discouraged as they cannot handle the higher current requirements of updated ignition systems, electric fans, aftermarket A/C systems, stereo systems, air ride suspensions, and other power hungry accessories and will ultimately create performance issues with the system.

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 8ga. charge wire directly from the alternator output terminal to the starter solenoid. 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 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 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 both the start and run positions. It will support HEI, MSD, other electronic ignition systems, as well as computerized Fuel Injection systems. If you wish to run a points type system, there are illustrations on the engine connection pages to do so. Extra parts that are not included in this kit will be required to complete that operation.



<u>510125</u>

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92969793 instruction sheet Rev 2.0 12/19/2012

510125 - Classic Update Series Kit 1964-66 Ford Mustang

This kit contains the following components:

	Part		
<u>Bag</u>	<u>Number</u>	<u>Description</u>	<u>Quantity</u>
	500042	Floor Dimmer Switch	1
	500919	Practice Terminal Crimping Set	1
	510047	Dash and Main Harness Kit	1
	510054	Headlight Switch	1
	510058	Fuse, Relay, and Flasher Kit	1
	510128	Ignition Switch	1
Μ	510129	Rear Body Wiring Kit	1
Ν	510130	Wiper Feed Kit	1
	510133	Grommet, Clamp, and parts Kit	1
	92969228	Installation Instruction Sheet	1
	92969793	Warning Sheet	1

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



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Classic Update Series

1964 - 1966 Ford Mustang

START HERE !

PLEASE READ THIS BEFORE STARTING INSTALLATION !

This wiring kit is designed for ease of installation. Please read the guidelines below, BEFORE STARTING your installation to guarantee a successful job. Use an appropriate crimping tool which folds the wings of the open barrell terminals down into the wire as shown below. ALL TERMINALS THAT YOU INSTALL SHOULD BE PROPERLY SOLDERED. Our factory crimped terminations are installed by GM approved five ton presses, and soldering these terminations is not necessary.



AS THIS HARNESS IS DESIGNED FOR USE IN A MODIFIED CAR REQUIRING A HIGHER RATE OF CHARGE. IT DOES NOT SUPPORT THE USE OF A STOCK (ORIGINAL) ALTERATOR. IT IS DESIGNED FOR USE WITH AN INTERNALLY REGULATED OR SINGLE WIRE STYLE ALTERNATOR. ADAPTERS (WHICH ARE NOT INCLUDED WITH THIS KIT) ARE AVAILABLE FROM SEVERAL SOURCES WILL BE NECESSARY TO USE ANY ALTERNATOR OTHER THAN A 1 WIRE UNIT.

STEP 1: DISCONNECT YOUR BATTERY: Disconnect the battery before installing the wiring kit to prevent any accidental shorting caused by loose bare wire ends.

STEP 2: START INSTALLING KIT:

This kit is broken down into individual steps that are identified by a letter printed on the instruction sheets visible through each bag. These letters are the order of operation for installaing your kit. Start with bag letter G, then M, etc. The order of installation is shown below.

G - 510047 Main Harness Kit M - 510129 Rear Body Kit N - 510130 Wiper Switch Power Jumper

STEP 3: RECONNECT YOUR BATTERY: When you have completed the installation and are ready to reconnect the battery, make sure that the following electrical system grounds are in place:

Battery is grounded to the ENGINE BLOCK. Α.

- B. Battery is grounded to the frame.
- C. Engine block is grounded to the frame.

D. Body is grounded to the frame.

STEP 4: CHECK ALL ELECTRICAL FUNCTIONS:

Any non-functioning items should be checked for proper installation. Any problems with your wiring and electrical circuit functions should be addressed to American Autowire Systems, Inc. as soon as possible to avoid any warranty problems.

If you have any questions concerning this or any of our products, please feel free to call us at 1-856-933-0801

American **Autowire**

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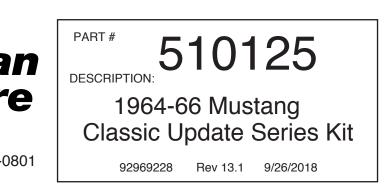


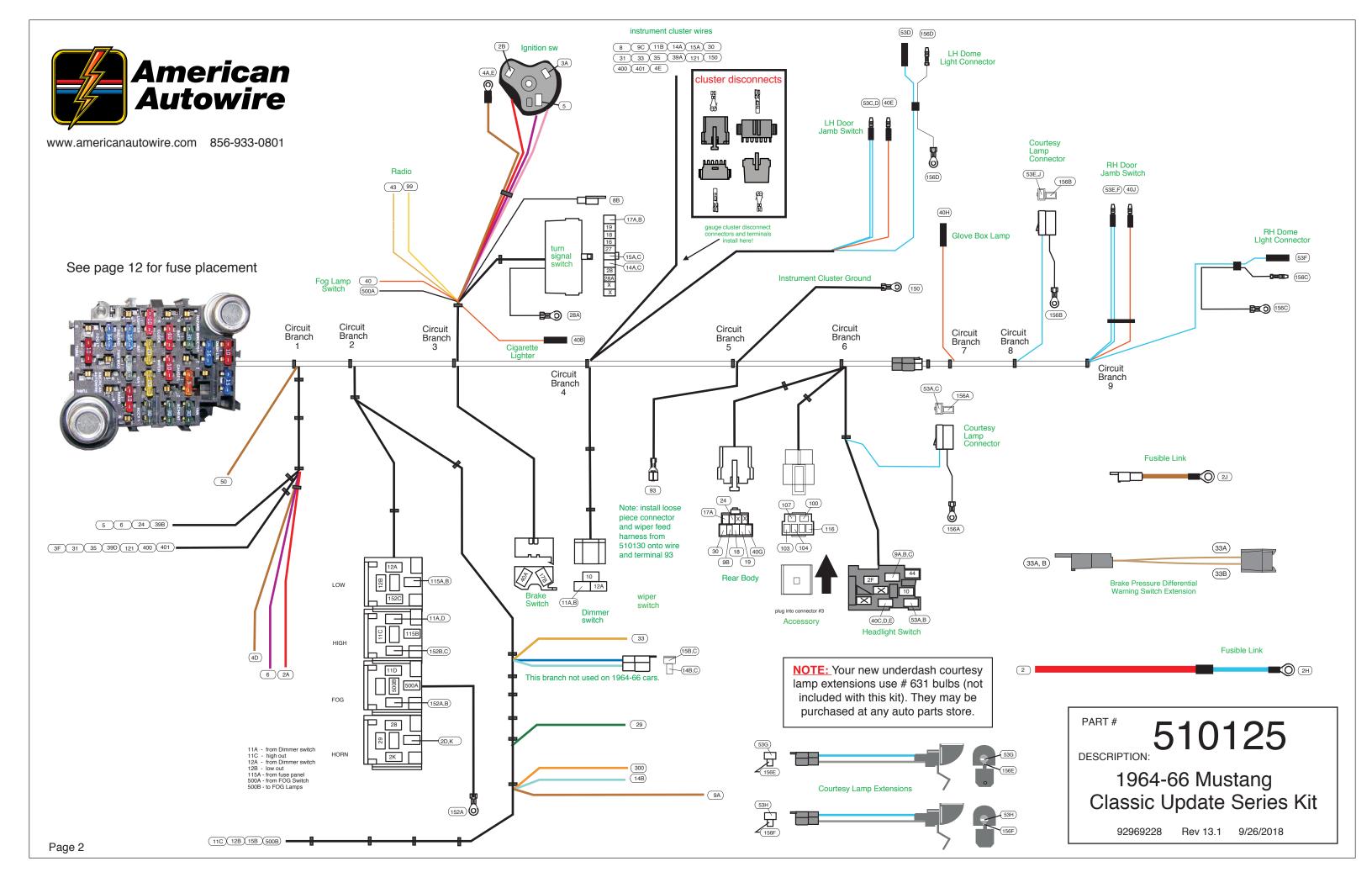




AMERICAN AUTOWIRE MAKES IT EASY !!

page 1

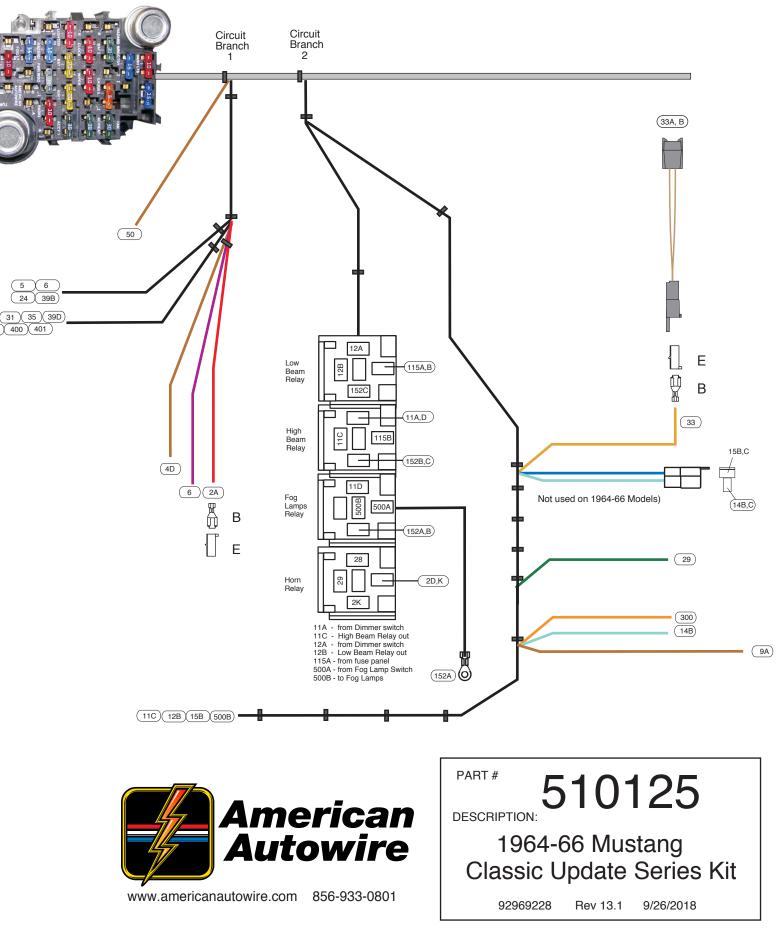


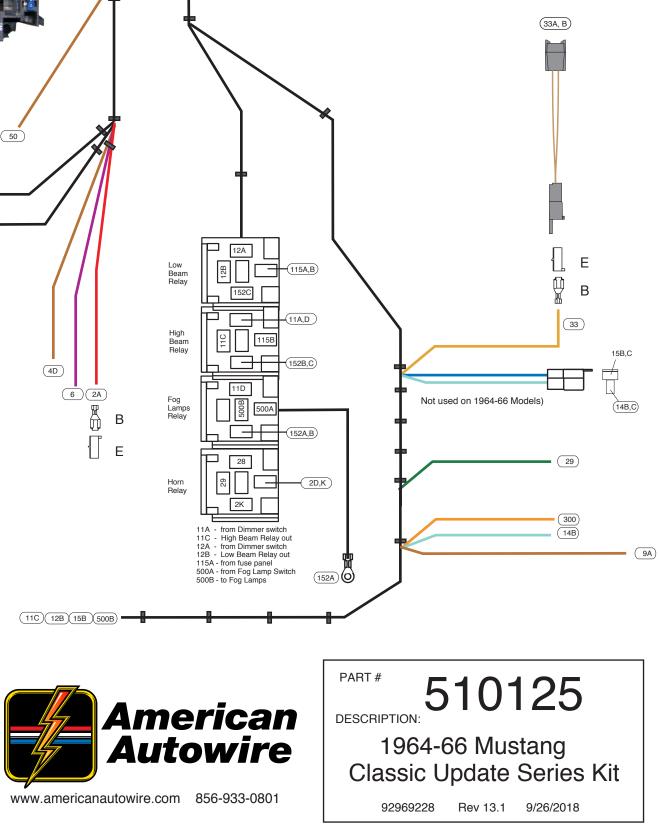


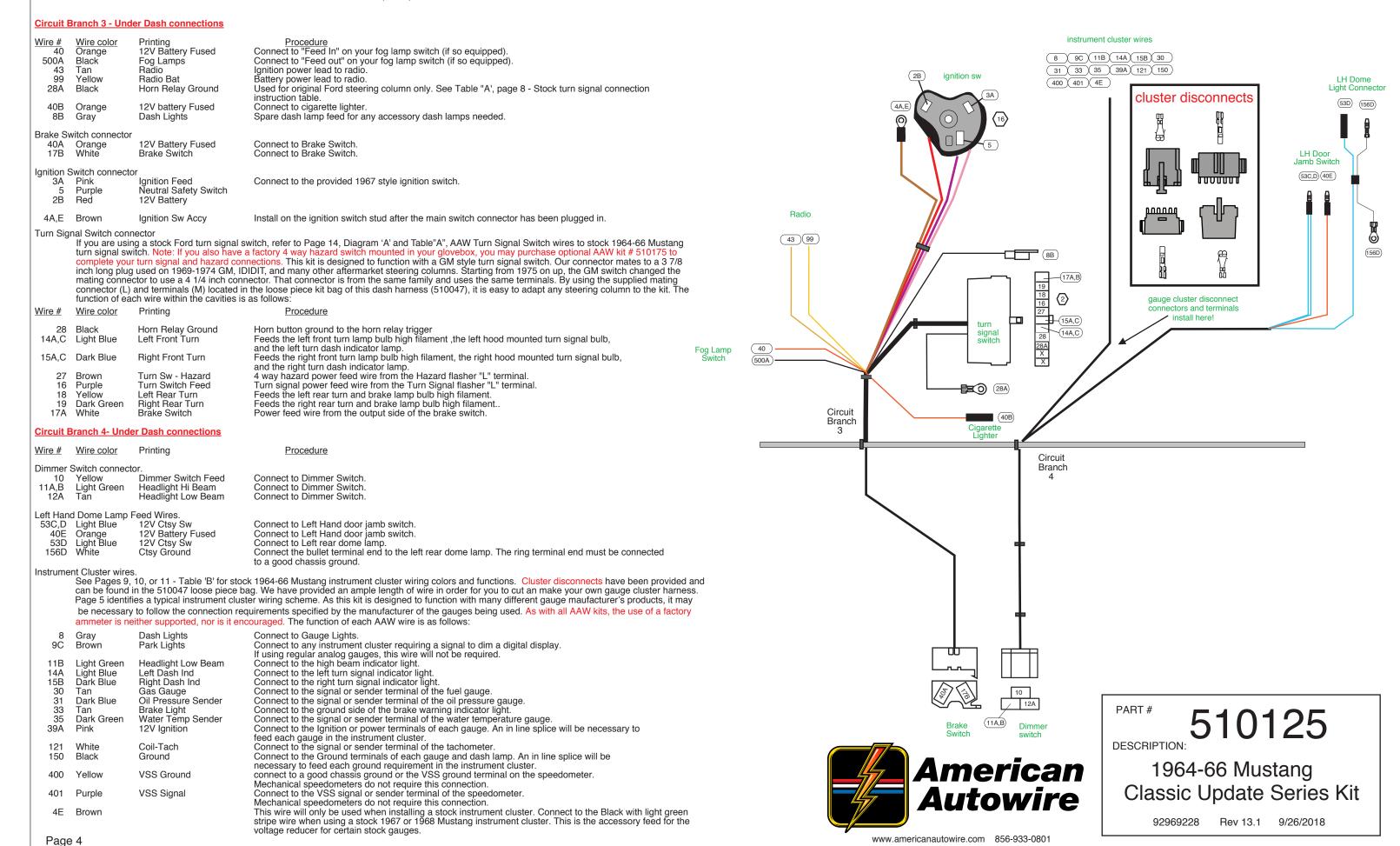
Main Fuse Panel Installation Instructions

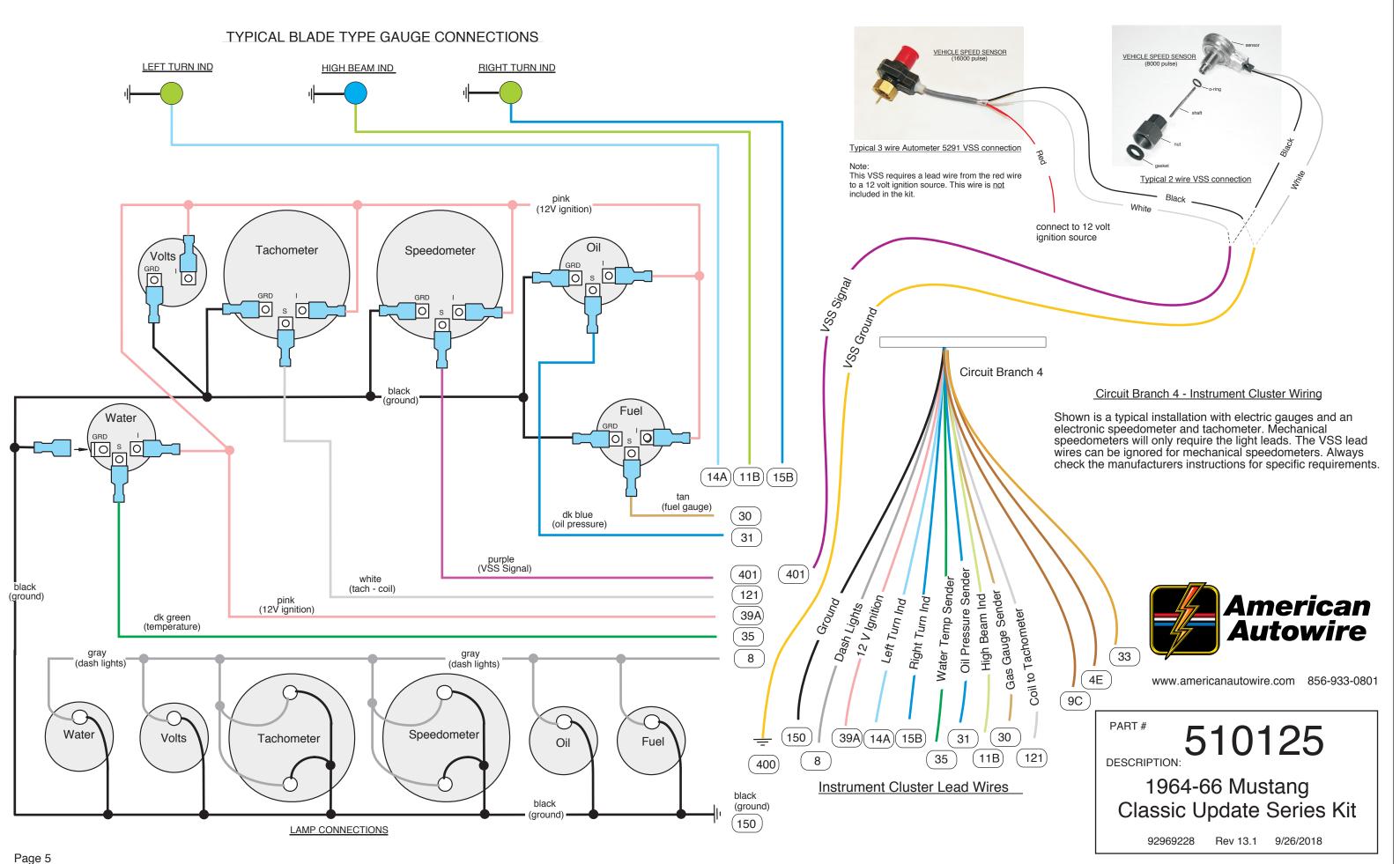
The Main Fuse Panel harness is designed to be mounted under the dash at the firewall in an area close to the steering column. The enclosed representation of the main dash harness shows each circuit branch and identifies each connection by its color and function. Follow this drawing and detail drawings on pages 10 and 11 for the individual circuit connections.

Circuit	Branch 1 - El	ngine and Alt. connections	See pages 12 and 13, "Figures B, C, and D" for typical connections. Loose piece terminals and connectors are located in kit # 510133.
	Wire color	Printing	Procedure
50	Brown	Heater/AC feed	This is the fused Ignition power lead for the heater or AC control panel. Connect according to the instructions supplied with your aftermarket Heater / AC unit. This can also be used as the 12 volt feed wire to the stock heater switch or blower motor depending on whether the car has a 2 or 3 speed motor. See page 13, figures E and F.
6	Purple	Starter Solenoid-S	Connect the end that comes out with the 5, 24, and 39B wires to 1 terminal on the neutral safety switch. Connect the end that comes out with the heavy red power wire to the "S" terminal on your starter solenoid. (See Figure B)
2	Red	12 V Battery	Route this wire to your starter solenoid and connect the ring terminal end with the blue fusible link to the battery terminal on the starter solenoid. Route the other end to the alternator battery stud, install sleeve "C" followed by terminal "D" and attach this completed assembly to the battery terminal of the alternator. (See Figure B)
2H	Light Blue	Fusible Link	See the connection instructions under wire 2.
2A	Red	12 V Battery	Route this wire to your starter solenoid. Cut to length, install terminal "B", plug into connector "E" as shown on this page. As shown on sheet 12, Figure B, plug connector "E" into the connector on the loose piece fusible link wire 2J, then attach the ring terminal on this assembly to the battery terminal on your starter solenoid. (Parts in 510047 kit)
2J	Brown	Fusible Link	See the connection instructions under wire 2A.
5 24	Purple Lt. Green	Neutral Safety Switch Backup Lt Sw-Lights	Connect to the opposite terminal from wire 6 above to a terminal on the neutral safety switch. (See figure C) Connect to the backup light terminal on the neutral safety / back up switch. (See figure C)
24 39B	Pink	12 V Ignition	Connect to the backup light power terminal on the neutral safety / back up switch. (See ligure C)
4D	Brown	Alterrnator Ign	This wire is the exciter wire for your alternator / voltage regulator. If you are using a one wire alternator, this wire will not be used and should be capped off as it is "hot" in the ignition "on" position. If you are using an alternator that requires an internal or external voltage regulator, this exciter wire must be connected to the "switched or 12v ignition" terminal on your regulator or alternator according to the manufacturer's specifications for the type of alternator / regulator that is being being used. (AAW recommends a GEN 3 Internally Regulated or 1 wire unit)
3F	Pink	Ignition Feed - coil	This is your 12 volt switched power source for the distributor. This can be connected directly to the "bat" terminal on a typical HEI distributor, to a ballast resistor as in a points type distributor, or be used as the ignition power source for an aftermarket ignition module such as an MSD or "Duraspark" module. See the installation instructions for the type of distributor you are using for specific connection requirements (See page 13 for some examples).
31	Dark Blue	Oil Pressure Sender	Connect to the oil pressure sender.
35	Dark Green	Water Temp Sender	Connect to the temperature sender.
39D	Tan	Electric Choke	On carbureted cars, connect to the electric choke terminal.
121	White	Coil - Tach	This can be connected directly to the tach terminal on a typical HEI distributor, to the negative side of the coil, or a tach connection in an aftermarket ignition module such as an MSD module. See the installation instructions for the type of ignition system you are using for specific connection requirements.
400 401	Yellow Purple	VSS Ground VSS Signal	Connect to the Vehicle Speed Sensor ground lead (see page 4 for typical connection). Connect to the Vehicle Speed Sensor signal lead (see page 4 for typical connection).
<u>Circuit</u>	Branch 2- Fr	ont Lighting connections	See page 12, "Figure A" for typical connections. Loose piece terminals and connectors are located in kit 510133.
Wire #	Wire color	Printing	Procedure
		Relay Pack	The 4 gang relay panel is directly wired and requires no internal wiring. The relays control the headlight low beams, headlight high beams, fog lamps, and the horn.
152A	Black	Ground	This is the relay pack ground. Connect to a good chassis ground.
Brake	Pressure Differ	rentail Switch	(NOTE:) We have provided you with the connection to the original Ford brake warning switch in the form of a wire extension assembly (wires 33A, B on page 2 of this instruction sheet). You will plug this extension onto wire 33, below.
33	Tan	Brake Switch	Route this wire to the brake warning switch area near the master cylinder, cut to length, install terminal B, plug into connector E as shown on page 12, figure A, then plug this wire into wire extension assembly 33A, B (from page 2 of this instruction sheet) to complete your brake warning circuit.
14B.C	Light Blue	Left Front Turn	These are the connections for the hood mounted directional lights. (Not used on 1964-66 models)
	Dark Blue	Right Front Turn	······································
29	Dark Green	Horn	Connect to the horn power terminal. NOTE: If your horn has a separate ground terminal, you must supply the wire
14B	Light Blue	Left Front Turn	for this ground terminal as it is not included in the kit. Connect to the left front directional lamp socket. If you are using a single front directional light with an 1157 or dual
15B	Dark Blue	Right Front Turn	filament bulb, this wire would be connected to the high intensity filament of the LH front running light. Connect to the right front directional lamp socket. If you are using a single front directional light with an 1157 or dual filament bulb, this wire would be connected to the high intensity filament of the RH front running light.
300	Orange	Electric Fan	This is the 12 volt ignition feed to be connected to the trigger wire on your electric fan relay.
9A	Brown	Park Lights	Connect to both the front park / running light sockets. If you are using a single front directional light with an 1157 or dual filament bulb, this wire would be connected to the low intensity filament of each of the front running lights. An in-line splice of this wire or a double up of this wire at the left front parking lamp will be necessary to accommodate the wiring of both of the front park / running lights
11C 12B	Light Green Tan	Headlight-Hi Beam Headlight-Low Beam	Select the light green Headlight Hi Beam wire (11C) and tan Headlight Low Beam wire (12B). Route and connect these wires to the headlights. An in-line splice of these wires or a double up of these wires at the left front headlight will be necessary to accommodate wiring of both of the headlights. Using the supplied terminals and connectors,
12D			connect these wires along with the headlight ground wires to the headlight connectors according to the orientation
500B	Black	Fog Lamps	connect these wires along with the headlight ground wires to the headlight connectors according to the orientation in the diagram on page 12, Figure A. Connect this wire to your fog lamp power wires. An in-line splice or double up of the wire at the left fog lamp before routing to the right fog lamp will be necessary. If the fog lamps have a separate ground wire, you must
		Fog Lamps	in the diagram on page 12, Figure A. Connect this wire to your fog lamp power wires. An in-line splice or double up of the wire at the left fog lamp



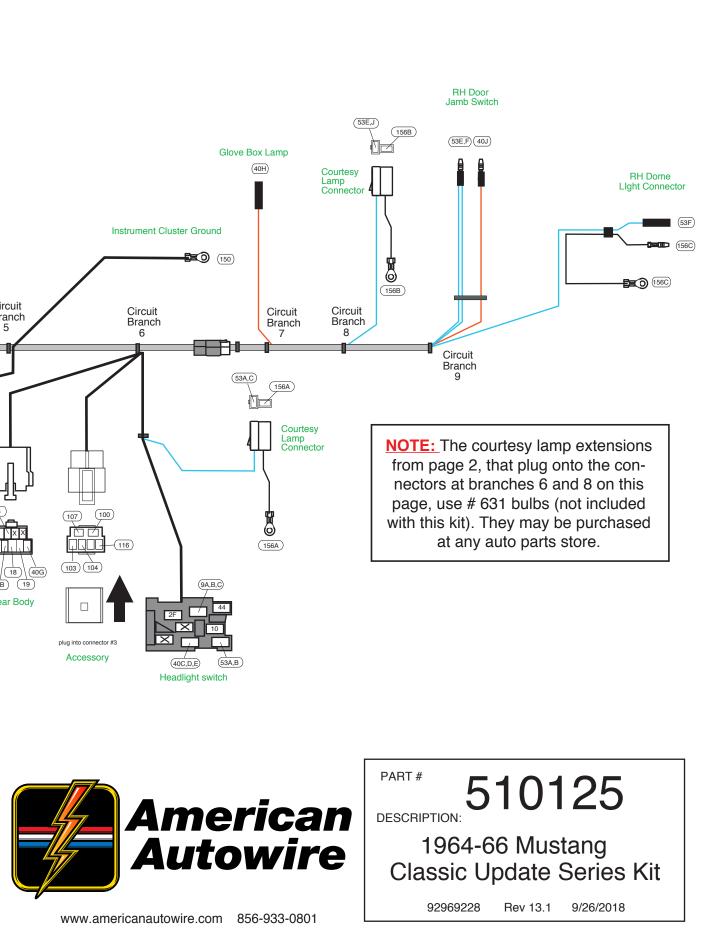


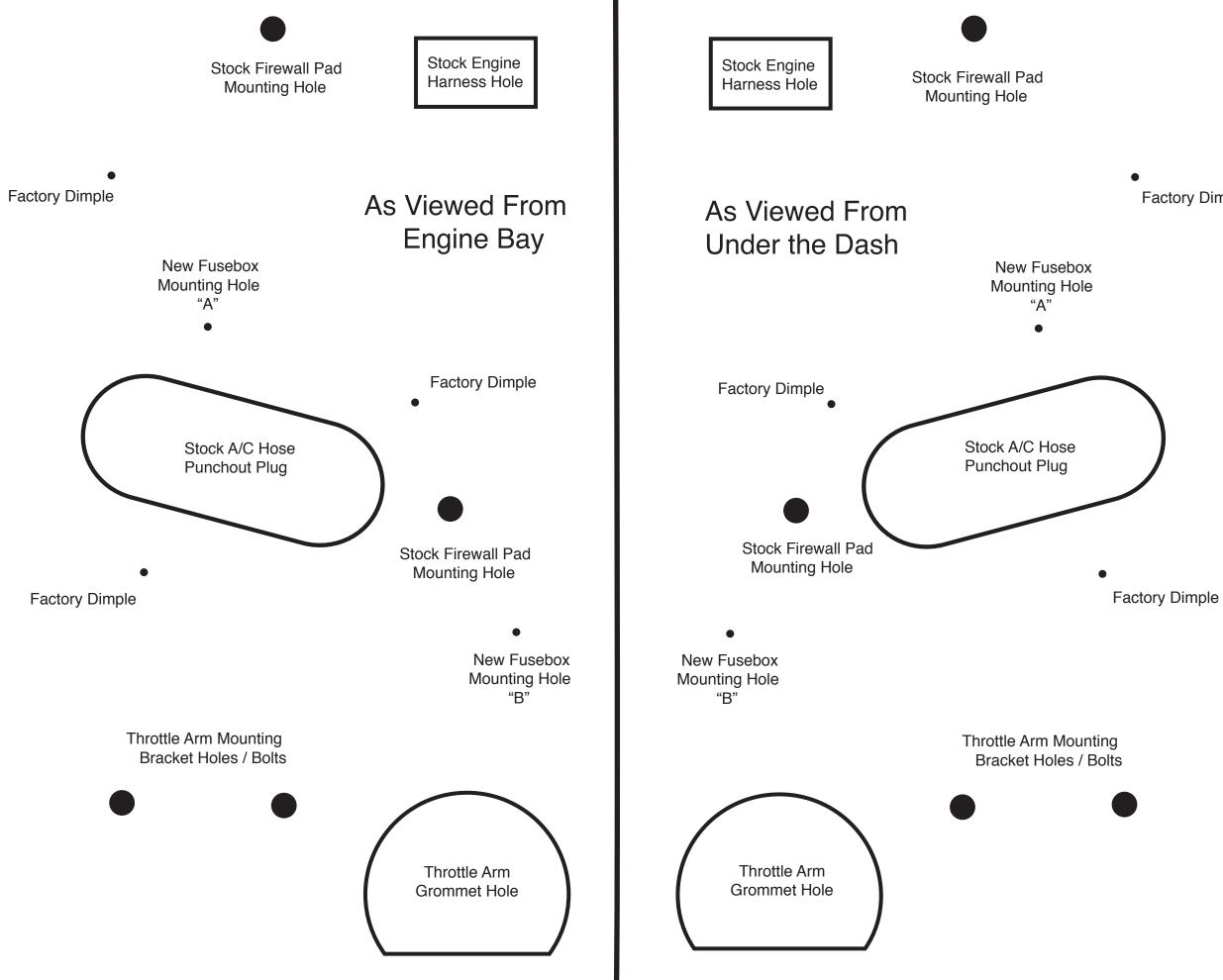




Installation instructions (cont'd)

Wire #	Wire color	Printing	Procedure	
93	itch connections. White	Wiper Feed	Power input to wiper and washer switch connection. (This wire will attach to harness number 510130 using a supplied loose piece connector and will complete the feed to your stock wiper washer harness. There were several different configurations used on the 1964-1966 Mustang models including single and dual speed, and with ot without washer. The connection from kit 510130 allows for any combination of these connections.)	
150	Black	Ground	Instrument Cluster ground. Connect to a good chassis ground.	
Circuit Bra	anch 6- Under Dash	connections		
Wire #	Wire color	Printing	Procedure	
	Wire connections. This plugs into the l Feed Wire connectio		ee that sub-kit for specific installation instructions and circuit functions.	Instrument Cluster
100	Tan	Accessory Fused	Accessory Fused power source.	
103 104	Tan Red	Fuel pump Power Locks	Connect to the power input terminal of a fuel pump relay. Connect to the power input of the power locks switch or any other battery	
			powered accessory.	
107 116	Pink Pink	Ignition Fused Power Windows	Ignition Fused power source. Connect to the power input of the power windows switch or any other ignition	Circuit
			powered accessory.	Circuit Circuit Branch Branch
Headlight s	switch connector.			5 6
2F	The function of eac Red	h wire is as follows: 12V Battery	12 volt battery power to the switch.	Letter the second se
9A,B,C	Brown	Park Lights	Power lead wires to the running light circuits.	
44 10	Dark Green Yellow	Dimmer Sw feed	Power lead wire to the dash lights . Headlight power output to the Dimmer Switch.	
40C,D,E	Orange	12V Battery Fused	Courtesy Light battery power	
53A,B	Lt Blue	12V Ctsy Św	Courtesy Light switched battery power	
Courtesy li	ight connector. Plug in your Left Ha	ind under dash courtesv	lamp assembly from page 1 here. The function of each wire is as follows:	
53A,C	Lt Blue	12V Ctsy Sw	Courtesy Light power.	
156A	White	Crtsy ground	Courtesy Light ground	
Circuit Bra	anch 7- Under Dash	<u>connections</u>		
Wire #	Wire color	Printing	Procedure	
40H	Orange	12V Battery Fused	Connect to the glove box lamp assembly.	
Circuit Bra	anch 8- Under Dash	<u>connections</u>		
Wire #	Wire color	Printing	Procedure	wiper $(30) / (18) \setminus (40G) = (103) \times (104)$
Courtesy li	ght connector.			switch 9B 19
53E,J	Plug in your Right H Lt Blue	land under dash courtesy 12V Ctsy Sw	/ lamp assembly from page 1 here. The function of each wire is as follows: Courtesy Light power.	Rear Body
53⊑,5 156B	White	Crtsy ground	Courtesy Light ground	
Circuit Bra	anch 9- Under Dash	connections		plug into connector #3
Wire #	Wire color	Printing	Procedure	
			<u>- 10004410</u>	Headlig
	d Dome Lamp Feed V Light Blue	Vires. 12V Ctsy Sw	Connect to the Right Hand door jamb switch.	
40J	Orange	12V Battery Fused	Connect to the Right Hand door jamb switch.	
	. .			
53F 156C	Light Blue White	12V Ctsy Św Ctsy Ground	Connect to the Right rear dome lamp. Connect the bullet terminal end to the right rear dome lamp.	





New Mounting Hole **Template For Fusebox**

Two new 1/8" holes "A" and "B" will need to be drilled in the firewall to mount your new fusebox assembly.

Factory Dimple You may choose to position the AAW template from either the engine bay side or the under dash side of the firewall, whichever is easier for you.

> Locate this template to the firewall using the existing A/C hose punchout plug, firewall pad mountiung holes, throttle arm grommet hole, and throttle arm bracket mounting holes to set the proper location in which to drill new holes "A" and "B". Once the holes have been drilled, use the supplied screws to attach the new AAW fusebox assembly to the firewall as shown on sheet 7.

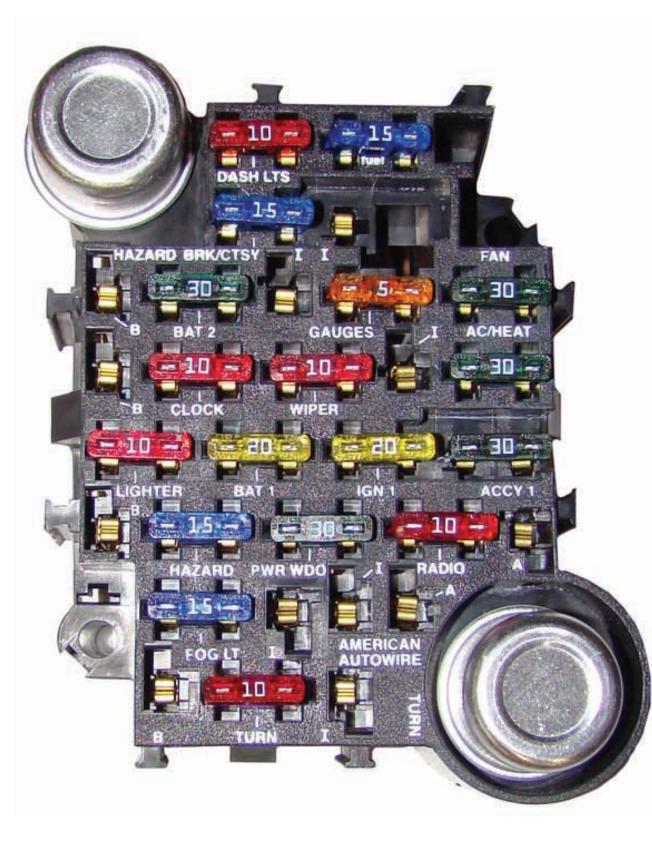


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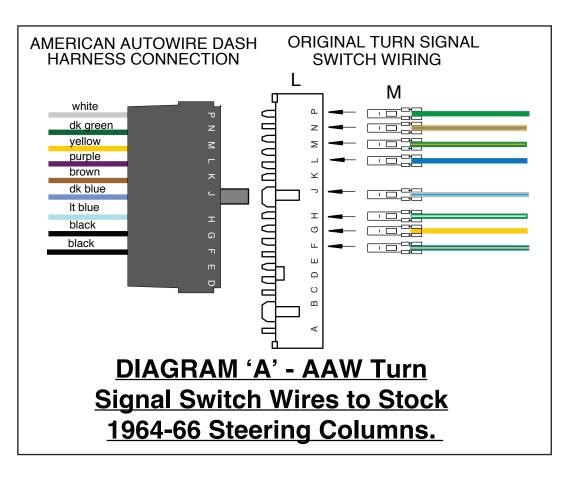
Table 'A' -AAW Turn Signal Switch wires to stock 1964-66 Mustang turn signal switch.

Fuse Placement and circuit values



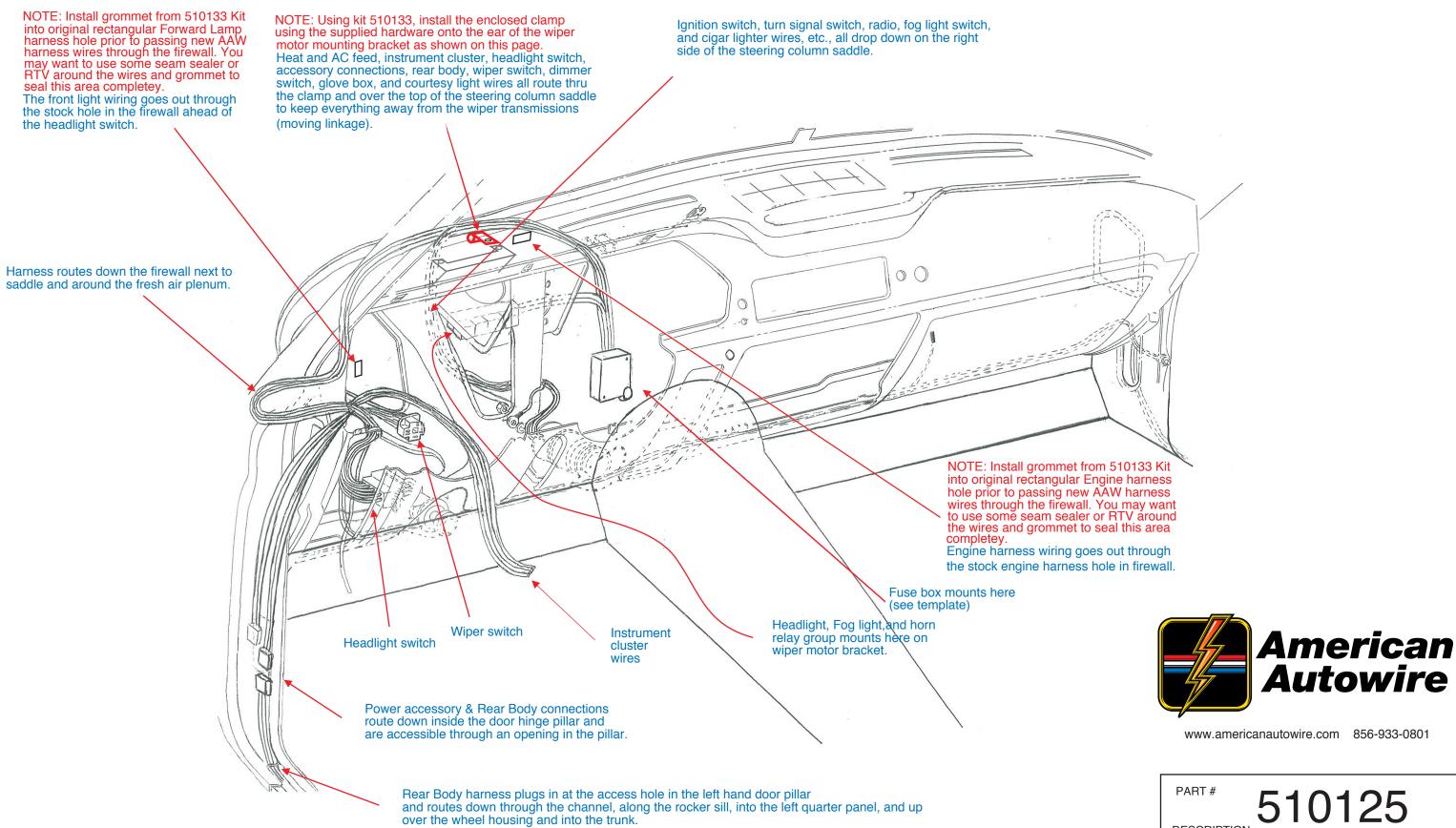
AAW	AAW	AAW
Wire#	Wire Color	Wire Printing
		-
17A	White	Brake Switch
19	Dark Green	Right Rear Turn
18	Yellow	Left Rear Turn
16	Purple	Turn Switch feed
27	Brown	Turn SW - Hazard
15B	Dark Blue	Right Front Turn
14B	Light Blue	Left Front Turn
28	Black	Horn Relay Ground
28A	Black	Horn Relay Ground

Note 1: Ford originally switched power to the horns through the steerring column horn button. In this kit, ground is being switched through the original steering column switch to ground a horn relay which switches power to the horns.





- Ford Wire Color
- Green with red stripe or Green
- Orange with blue stripe
- Green with orange stripe
- Blue
- Not Used
- White with blue stripe Green with white stripe
- Yellow
- Blue with yellow stripe





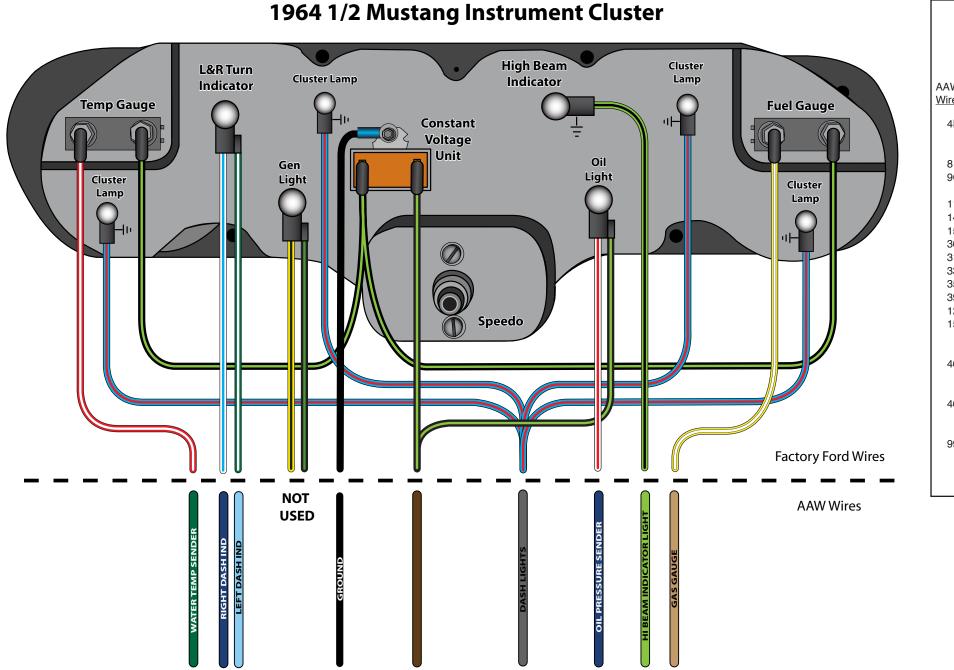


Table 'B' -AAW Instrument Cluster Kit wires to stock 1964 - 66 Mustang instrument cluster wires.

AAW <u>Nire #</u>	AAW <u>Wire color</u>	AAW Wire Printing
4E	Brown	
8 9C	Gray Brown	Dash Lights Park Lights
11B 14A 15B 30 31 33 35 39A 121 150	Light Green Light Blue Dark Blue Tan Dark Blue Tan Dark Green Pink White Black	Headlight Low Beam Left Dash Ind Right Dash Ind Gas Gauge Oil Pressure Sender Brake Light Water Temp Sender 12V Ignition Coil-Tach Ground
400	Yellow	VSS Ground
401	Purple	VSS Signal
99	Yellow	Radio Bat



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Ford Wire Color

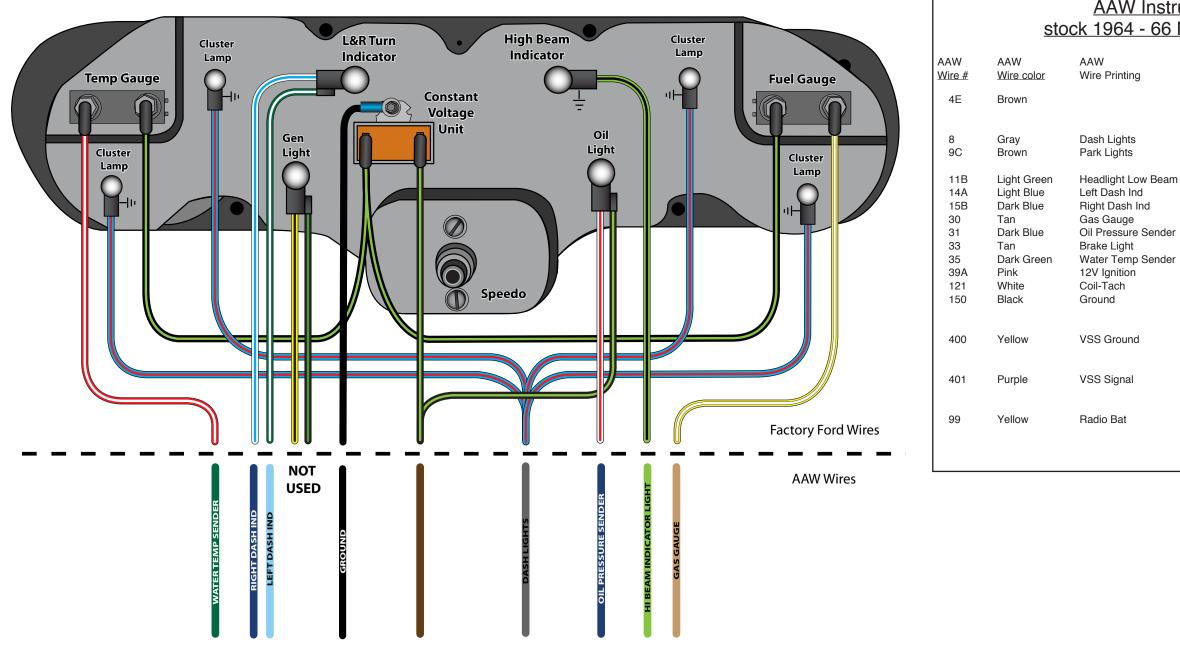
Black with light green stripe This is the accessory feed for the voltage reducer for certain stock gauges. Blue with red stripe. Connect to any instrument cluster requiring a signal to dim a digital display. When using analog gauges, this wire will not be required. Green with black stripe. Green with white stripe. White with blue stripe. Yellow with white stripe White with red stripe. Purple with white stripe Red with white stripe. For use only with after market gauges needing a "key on" full 12 volt feed. Sender terminal of the tachometer. Connect to the Ground terminals of each gauge and dash lamp. An in line splice is necessary to feed each ground requirement in the instrument cluster. Connect to a good chassis ground or the VSS ground terminal on an electronic speedometer. Mechanical speedometers do not require this connection. Connect to the VSS pulse signal or sender terminal of the electronic speedometer. Mechanical speedometers do not require this connection. Light blue with white stripe or light blue with black stripe. This is the 12 volt feed for the dash clock. If you are using a radio with a digital clock, it will be necessary to splice into this wire to create 2 leads. One to the dash clock, and one to the radio.





Route this wire to the brake warning switch area near the master cylinder, cut to length, install terminal B, plug into connector E as shown on page 10, figure A, then plug this wire into wire extension assembly 33A, B (from page 2 of this instruction sheet) to complete your brake warning circuit.

1965 Mustang with fuel and temp gauge, oil and gen lamps





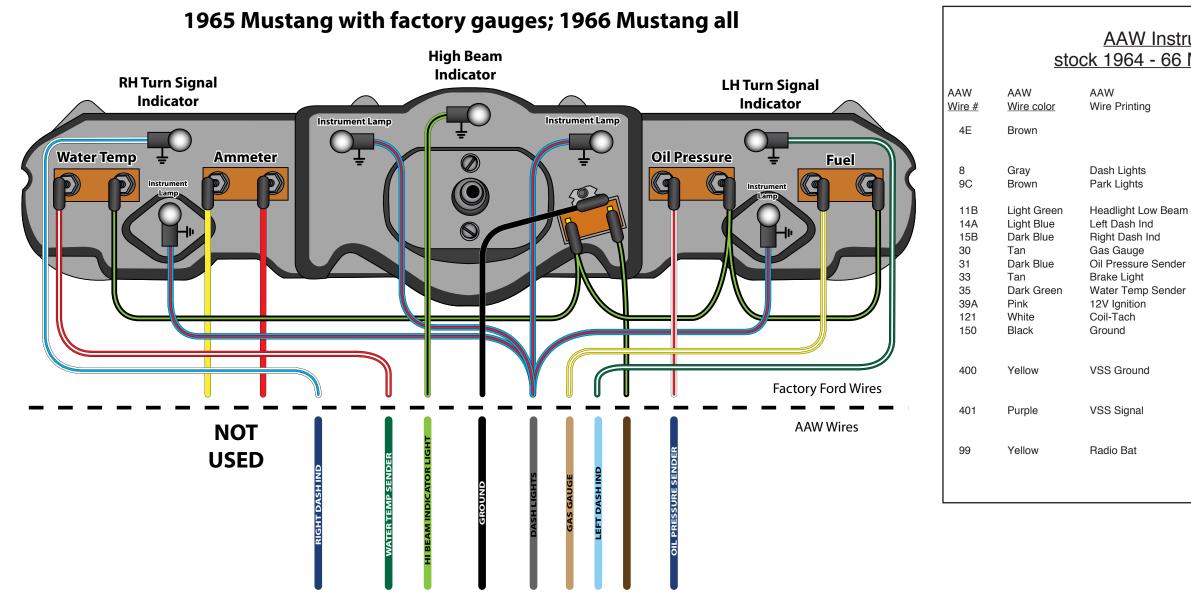
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<u>Table 'B' -</u> <u>AAW Instrument Cluster Kit wires to</u> <u>stock 1964 - 66 Mustang instrument cluster wires.</u>

Ford Wire Color

Black with light green stripe This is the accessory feed for the voltage reducer for certain stock gauges. Blue with red stripe. Connect to any instrument cluster requiring a signal to dim a digital display. When using analog gauges, this wire will not be required. Green with black stripe. Green with white stripe. White with blue stripe. Yellow with white stripe. White with red stripe. Purple with white stripe. Red with white stripe. For use only with after market gauges needing a "key on" full 12 volt feed. Sender terminal of the tachometer. Connect to the Ground terminals of each gauge and dash lamp. An in line splice is necessary to feed each ground requirement in the instrument cluster Connect to a good chassis ground or the VSS ground terminal on an electronic speedometer. Mechanical speedometers do not require this connection. Connect to the VSS pulse signal or sender terminal of the electronic speedometer. Mechanical speedometers do not require this connection. Light blue with white stripe or light blue with black stripe. This is the 12 volt feed for the dash clock. If you are using a radio with a digital clock, it will be necessary to splice into this wire to create 2 leads. One to the dash clock, and one to the radio.

PART # 510125 DESCRIPTION: 1964-66 Mustang Classic Update Series Kit 92969228 Rev 13.1 9/26/2018



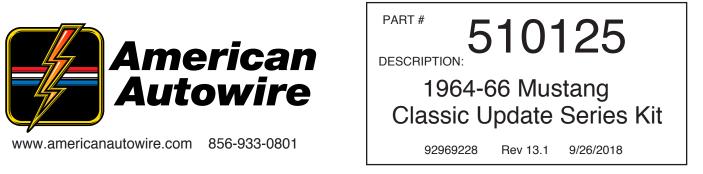
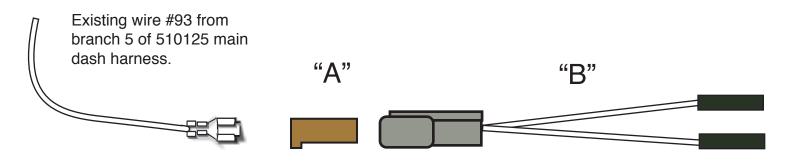


Table 'B' -AAW Instrument Cluster Kit wires to stock 1964 - 66 Mustang instrument cluster wires.

Ford Wire Color

Black with light green stripe This is the accessory feed for the voltage reducer for certain stock gauges. Blue with red stripe. Connect to any instrument cluster requiring a signal to dim a digital display. When using analog gauges, this wire will not be required. Green with black stripe. Green with white stripe. White with blue stripe. Yellow with white stripe. White with red stripe. Purple with white stripe. Red with white stripe. For use only with after market gauges needing a "key on" full 12 volt feed Sender terminal of the tachometer Connect to the Ground terminals of each gauge and dash lamp. An in line splice is necessary to feed each ground requirement in the instrument cluster. Connect to a good chassis ground or the VSS ground terminal on an electronic speedometer. Mechanical speedometers do not require this connection. Connect to the VSS pulse signal or sender terminal of the electronic speedometer. Mechanical speedometers do not require this connection. Light blue with white stripe or light blue with black stripe. This is the 12 volt feed for the dash clock. If you are using a radio with a digital clock, it will be necessary to splice into this wire to create 2 leads. One to the dash clock, and one to the radio.

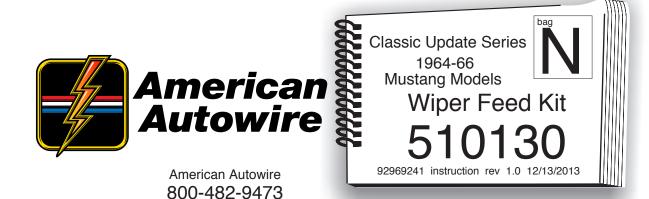
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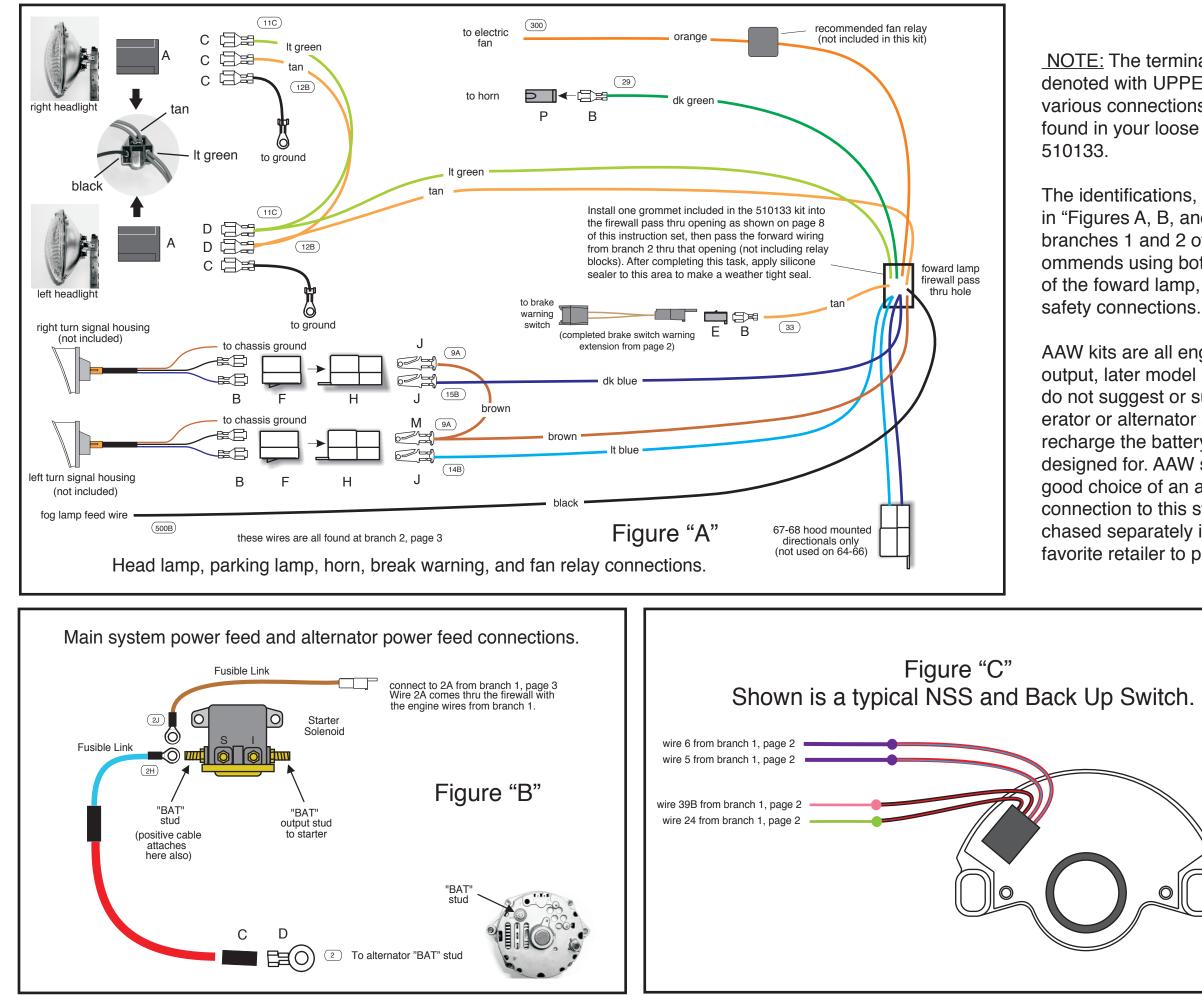


- 1. Plug wire #93 terminal from branch 5 on 510125 main dash harness into loose piece connector "A" included in this kit.
- 2. Plug wiper feed harness "B" onto wire #93 terminal and connector "A" from step one above. The factory "bullet" type connectors from your stock wiper / washer harness will plug into this harness to complete your wiper circuit.

NOTE:

There were several different configurations for the washer / wiper systems on the 1964-1966 Mustang models which include single and dual speed, with or without washer, and every combination thereof. Our main dash harness along with this wiper feed kit will allow you to plug in your original stock washer / wiper harness and operate your system. If you require a new washer / wiper hanress, they are available through most any Mustang parts supplier.



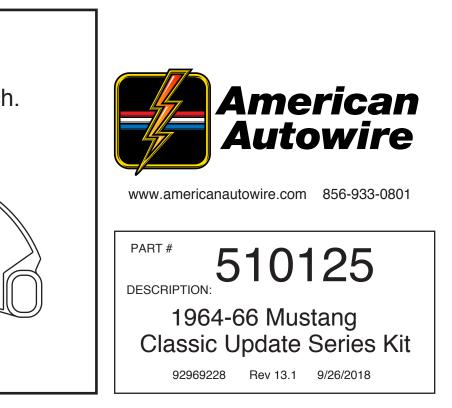


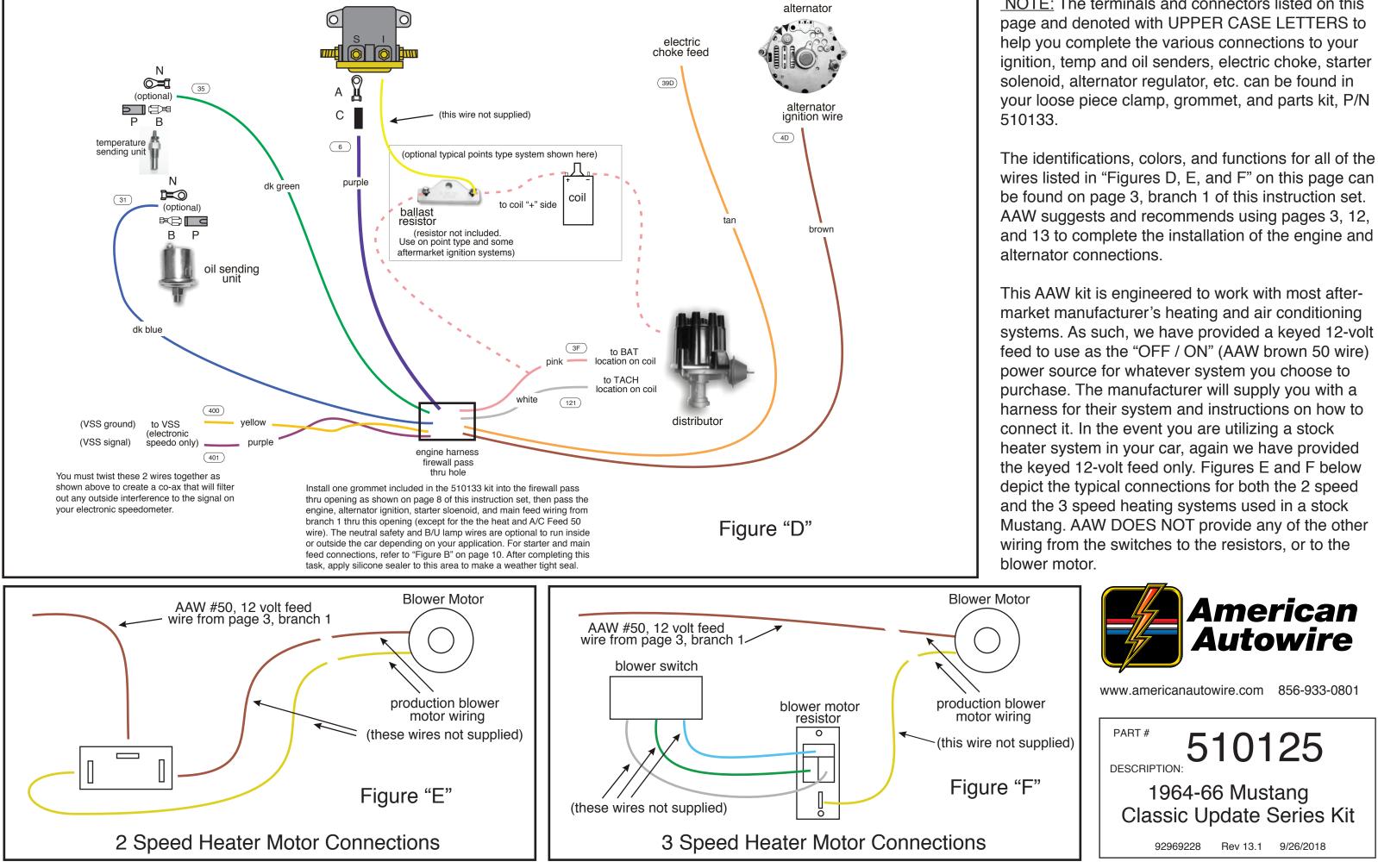
Page 12

<u>NOTE:</u> The terminals and connectors listed on this page and denoted with UPPER CASE LETTERS to help you complete the various connections to your lamps, horns, switches, etc. can be found in your loose piece clamp, grommet, and parts kit, P/N

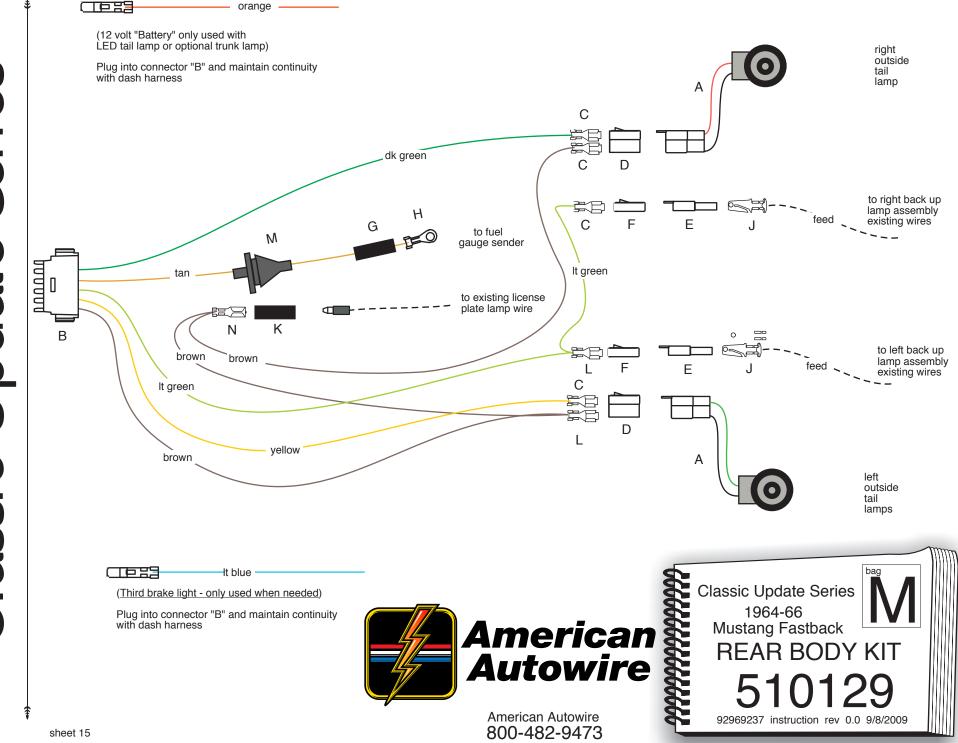
The identifications, colors, and functions for all of the wires listed in "Figures A, B, and C" on this page can be found on page 3, branches 1 and 2 of this instruction set. AAW suggests and recommends using both pages 3 and 12 to complete the installation of the foward lamp, main power, alternator power, and neutral safety connections.

AAW kits are all engineered to be used in conjunction with a high output, later model internally regulated, or one wire alternator. We do not suggest or support the use of a stock low amperage generator or alternator as they do not supply sufficient current to recharge the battery in a highly modified car such as this kit was designed for. AAW suggests a Ford Gen III type alternator as a good choice of an alternator to use. An adpater to complete the connection to this style alternator, our P/N 500802, my be purchased separately if needed. Contact our Sales Group or your favorite retailer to purchase this alternator adapter if needed.

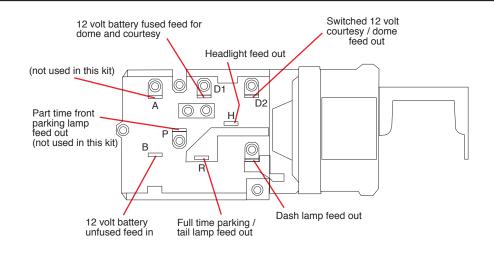


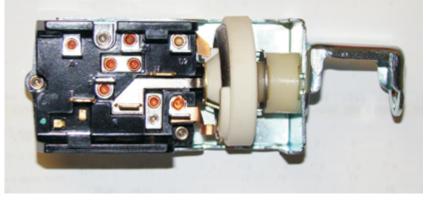


NOTE: The terminals and connectors listed on this



Series Classic Update



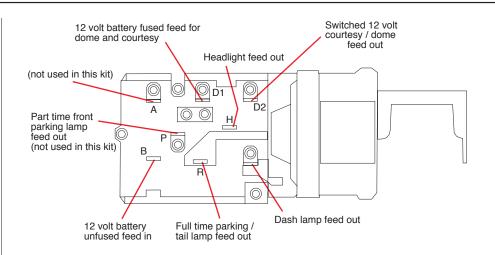


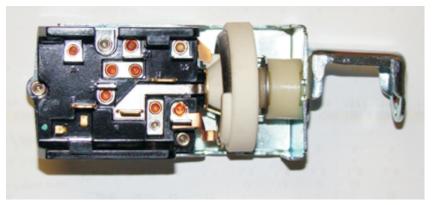
NOTE: Some early production 1964 1/2 Mustangs used a unique headlight switch assembly that utilized a shorter knob and shaft assembly than the later production 65 - 66 Mustang and 1965 Falcons used (3.63" vs. 3.90"). Your new AAW switch needs the later production style knob and shaft in order to operate. If you are using this switch on an early production 1964 1/2 Mustang, you will need to purchase the newer long style knob and shaft assembly from your favorite Mustang parts supplier as your original will be too short to operate this new switch.



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PART # **510054** DESCRIPTION: Headlight Switch Various Ford Models Classic Update Series 92968933 instruction sheet rev 3.0 2/12/2014



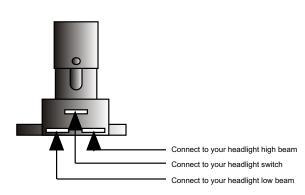


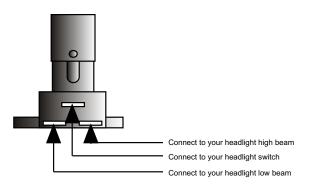
NOTE: Some early production 1964 1/2 Mustangs used a unique headlight switch assembly that utilized a shorter knob and shaft assembly than the later production 65 - 66 Mustang and 1965 Falcons used (3.63" vs. 3.90"). Your new AAW switch needs the later production style knob and shaft in order to operate. If you are using this switch on an early production 1964 1/2 Mustang, you will need to purchase the newer long style knob and shaft assembly from your favorite Mustang parts supplier as your original will be too short to operate this new switch.



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Connect the Dimmer Switch wires as shown above.

- 1. The top center terminal of the Dimmer Switch is connected to the Headlight switch.
- 2. The terminal on the right side is connected to your headlight high beam terminal.
- 3. The terminal on the left side is connected to your headlight low beam terminal.

another wiring product by...

Connect the Dimmer Switch wires as shown above.

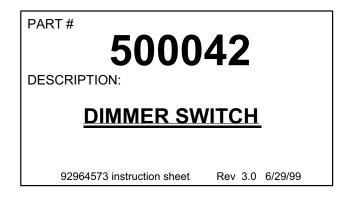
1. The top center terminal of the Dimmer Switch is connected to the Headlight switch.

2. The terminal on the right side is connected to your headlight high beam terminal.

3. The terminal on the left side is connected to your headlight low beam terminal.



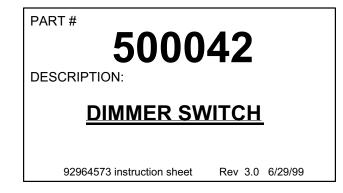
150 Heller PI #17 W Bellmawr, NJ 08031 856-933-0801



another wiring product by...



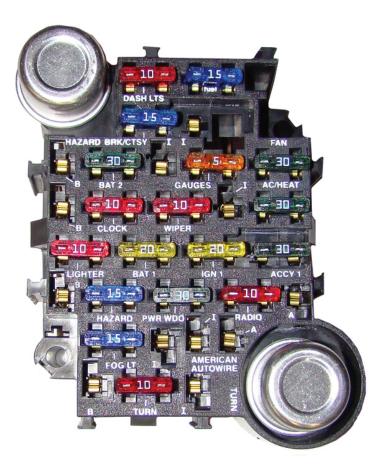
150 Heller PI #17 W Bellmawr, NJ 08031 856-933-0801







Fuse Placement and circuit values



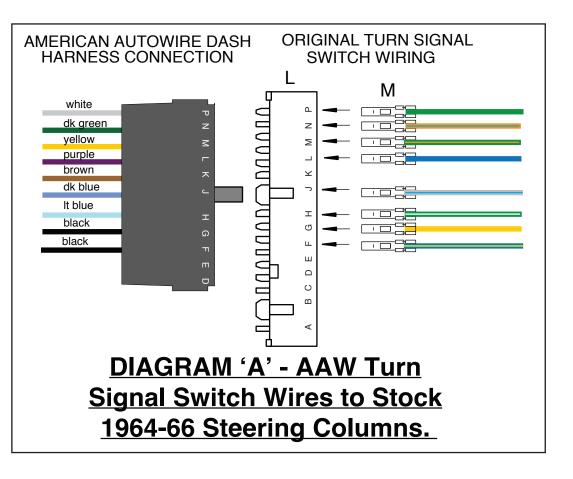
Fuse usage details

Fuse #	Fuse Block Printing	Fuse Rating	System Wiring Protected
1	DASH LTS	10A	Cluster lights, any dash illumination lights.
2	FUEL	20A	Electric fuel pump, electric choke.
3	BRK/CTSY	15A	Stop lights, courtesy lights, dome light, map light, tail lights, and park lights
4	BAT 2	30A	Battery feed for headlight relays.
5	GAUGES	10A	Oil pressure warning light, brake warning light, backup lights and optional tachometer.
6	FAN	30A	Electric fan.
7	CLOCK	10A	Clock, radio battery feed.
8	WIPER	15A	Wiper.
9	AC/HEAT	30A	Air conditioning/heater feed.
10	LIGHTER	20A	Lighter, battery feed in Rear Body (trunk light).
11	BAT 1	20A	Power locks (Accy 6-way conn).
12	IGN 1	10A	Spare ignition fused power source (Accy 6-way conn).
13	ACCY 1	30A	Spare accessory feed for options (Accy 6-way conn).
14	HAZARD	15A	Hazard lights.
15	PWR WDO	30A	Power windows (Accy 6-way conn).
16	RADIO	10A	Accessory feed for radio.
17	FOG	15A	Battery feed for fog lamp relay.
18	TURN	10A	Turn signals.

Table 'A' -AAW Turn Signal Switch wires to stock 1964-66 Mustang turn signal switch.

AAW <u>Wire#</u>	AAW <u>Wire Color</u>	AAW <u>Wire Printing</u>
17A	White	Brake Switch
19	Dark Green	Right Rear Turn
18	Yellow	Left Rear Turn
16	Purple	Turn Switch feed
27	Brown	Turn SW - Hazard
15B	Dark Blue	Right Front Turn
14B	Light Blue	Left Front Turn
28	Black	Horn Relay Ground
28A	Black	Horn Relay Ground

Note 1: Ford originally switched power to the horns through the steerring column horn button. In this kit, ground is being switched through the original steering column switch to ground a horn relay which switches power to the horns.





- Ford Wire Color
- Green with red stripe or Green
- Orange with blue stripe
- Green with orange stripe
- Blue
- Not Used
- White with blue stripe Green with white stripe
- Yellow
- Blue with yellow stripe