

SHEET 1

American Autowire Systems
American Autowire makes it easy
FACTORY FIT automotive wiring
150 Heller Pl #17 W
Bellmawr, NJ 08031
856-933-9301

PART # **500461** **C**

DESCRIPTION:
HEADLIGHT SWITCH and ACCESSORY KIT

92965245 instruction sheet Rev 0.0 5/16/2001

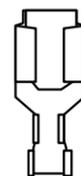
INSTALLATION INSTRUCTIONS:

<u>WIRE COLOR</u>	<u>CIRCUIT</u>	<u>INSTALLATION</u>
WHITE - BLACK TRACER	DOMES/CTSY LT GROUND	Using the supplied female terminal with the 500341 - Headlight switch bag, terminate one end of this wire and plug into "Dome Lamp Ground" location on headlight switch. Route this wire to your door jamb switch and/or courtesy lamp ground. This is a ground wire which activates the interior lights. If dome or courtesy lights are not being used ignore this connection.
YELLOW - BLACK XTRACER	PARKING LAMP FEED	Using the supplied female terminal with the 500341 - Headlight switch bag, connect one of these wires to the "REAR TAIL" lamp post on the headlight switch and route to one of the tail lights. Cut this wire to length. Double this wire with the cut off portion and connect to the rear tail lamp (park filament of bulb), then route to the other rear tail lamp and connect to the "park filament" of that bulb.
YELLOW - BLACK XTRACER	PARKING LAMP FEED	Using the supplied female terminal with the 500341 - Headlight switch bag, connect to the "FRONT PARK LAMP" location on headlight switch. (NOTE: By connecting this wire to the "FRONT PARK LAMP" location on the headlight switch, your front parking lights will go OFF when the headlights are turned on. To keep the front parking lights ON when the headlights are turned on, plug this wire into the "ALTERNATE FULL TIME PARK" location on the headlight switch.) Route the other end of this wire to one of the front parking lamps, cut this wire to length. Double this wire with the cut off portion and connect to first parking lamp (park filament of bulb), then route to the other park light and connect to the "park filament" of that bulb.
	LICENSE PLATE LIGHT	Using scrap from the parking lamp wire above, double this wire with the parking lamp wire at the rear tail light connection. Route the other end of this wire to the license plate light connection.
RED- YELLOW TRACER	BAT FEED TO HEADLIGHT SWITCH	Using the supplied heavy female terminal with the headlight switch (500341 bag) connect one end of the red wire to the "BAT" post on headlight switch. Route the other end to the fuse panel and connect to the "BAT 1" location. NOTE: it is suggested to use a headlight switch which has an internal circuit breaker. If the headlight switch you are using does not have a circuit breaker, the 30A fuse on the "BAT1" location may be replaced with a circuit breaker. NOTE: The headlight switch provided in this kit has contains a 30A internal circuit breaker.
YELLOW	DIMMER SWITCH FEED	Using the supplied female terminal with the headlight switch (500341 bag), plug this wire into the "FEED" post on your headlight switch. Route the other end of this wire to the dimmer switch location and cut to length. Using the provided female terminal, plug this wire into the 3 position dimmer switch connector in the location shown on sheet 1.
WHITE	INSTRUMENT LAMP FEED	Using the supplied female terminal with the headlight switch (500341 bag), connect this wire to the instrument "LAMPS" location on your headlight switch. Route this wire to the gauge cluster and connect using the instructions from your 500460 bag. Note: This wire can be routed through the gauge disconnect connectors from 500460 bag.
GREEN -YELLOW TRACER GREEN -YELLOW TRACER	HI BEAM INDICATOR LIGHT HI BEAM	Using the supplied female terminal "C", double both wires together, and plug into the 3 position dimmer switch connector as shown on sheet 1. Connect the bare end of the small gauge wire to your high beam indicator lamp. This can be routed through the gauge disconnect connectors from 500460 bag. Route the other end of the large gauge light green wire to one headlight and cut this wire to length. Double this wire with the cut off portion, install the supplied terminal "B" and plug into the headlight connector in the location shown on sheet 1. Route the cut off wire to the other headlight, install the supplied terminal "A" and plug into the headlight connector in the location shown on sheet 1
YELLOW - GREEN // TRACER	LO BEAM	Install female terminal "E", and plug into dimmer switch connector, as shown on sheet 1. Route this wire from your dimmer switch to one headlight and cut this wire to length. Double this wire with the cut off portion using terminal "B" and plug into the headlight connector in the location shown on sheet 1. Route the cut off wire to the other headlight, install terminal "A" and plug into the headlight connector in the location shown on sheet 1.
BLACK	HEADLIGHT GROUNDS	Using terminal "A", install one end of the wire into the headlight connector in the location shown on sheet 1. Cut wire to proper length and install terminal D to the other end and connect to a good chassis ground. Repeat the same connection for the other headlight.
GREEN - RED TRACER	HORN POWER	Connect this wire to the "HORN OUT" location on the panel. Route the other end to your horn.
BLACK - RED TRACER	RADIO POWER	Connect this wire to the "ACCY 3" location on the panel. Route the other end to your radio.
RED - BLACK // TRACER	HEAT / AC FEED	Connect this wire to the "ACCY 4" location on the panel. Route the other end to your heater / ac switch. This is the accessory power feed for the heater / ac switch, and blower.
YELLOW - BLACK/GREEN XTRACER	WIPER POWER FEED	Connect this wire to the "ACCY 2" location on the panel. Route the other end to feed your wiper switch or motor. See wiper manufacturer instructions for connection.
ORANGE	TAIL & PARK LAMP FEED	Using the supplied female terminal with the headlight switch (500341 bag), plug this wire into the "Fused Battery Feed" location on the headlight switch. Route the other end to the fuse panel and connect to the "BAT 3" location. NOTE: This circuit is designed to be used with our headlight switch and may not need to be used with another manufacturer's headlight switch.

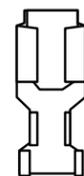
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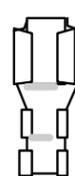
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A



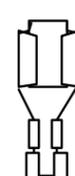
B



C



D



E

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