

Classic Update Series

 orange

("12 volt battery fused" - only used with LED tail lamps)
Plug into the main connector and maintain continuity with dash harness.

 lt blue

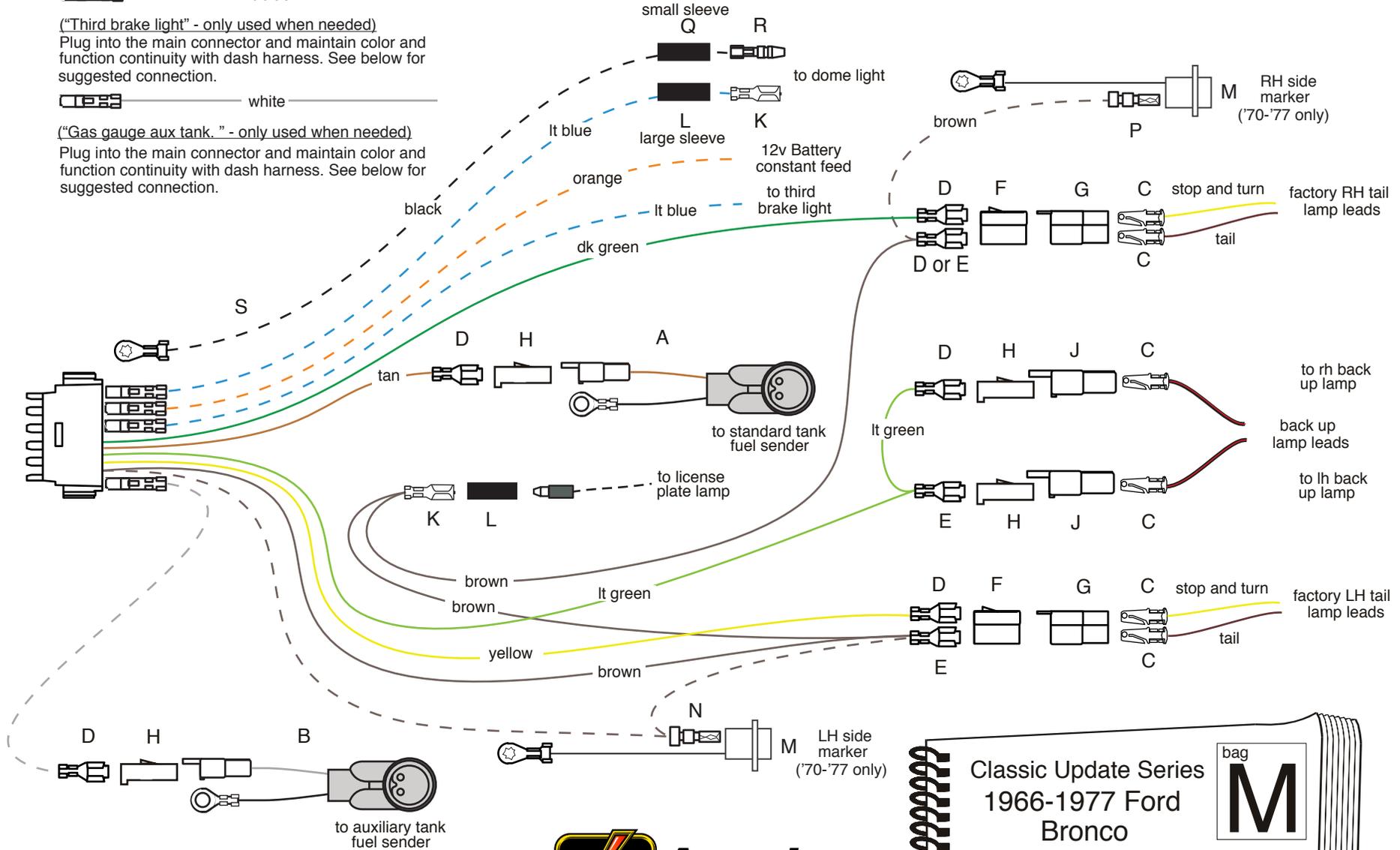
("Third brake light" - only used when needed)
Plug into the main connector and maintain color and function continuity with dash harness. See below for suggested connection.

 white

("Gas gauge aux tank." - only used when needed)
Plug into the main connector and maintain color and function continuity with dash harness. See below for suggested connection.

 lt blue

("12V CTSY SW" - dome lamp feed. Only used when needed)
Plug into the main connector and maintain color and function continuity with dash harness. See below for suggested connection.



1966-1977 Ford Bronco



**American
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Classic Update Series
1966-1977 Ford
Bronco

bag
M

REAR BODY KIT

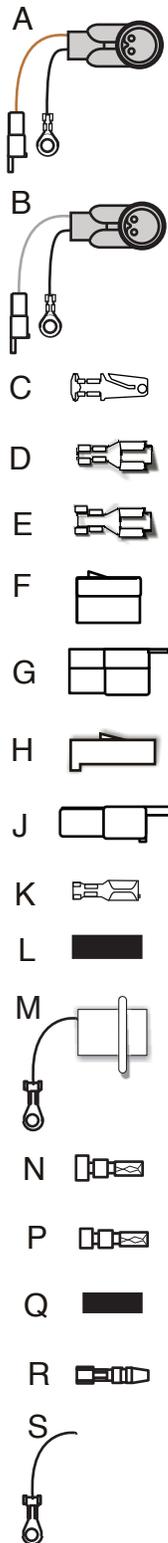
510320

92970080 instruction rev 0.0 5/25/2012

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NOTE: We have provided you with 2 new factory reproduction rear body inner panel pass through grommets which are located in the loose piece kit contained inside this rear body harness kit (510320). We suggest that before you install any of the new wiring from this rear body kit, that you remove the old grommets from the inner rear tail lamp area of your truck and replace them with the new ones included in this kit to ensure that the wires do not get chaffed when passing them through the inner LH and RH openings inside of the body.

Connect this main connector to the mating connector on the dash harness 510318, bag G. Route the tail lamp, back up lamp, and fuel tank wires out through the LH grommet and hole in the firewall, down the firewall, and to the back of the truck along the inner side of the driver's frame rail.



LIGHT BLUE Third Brake Light Plug this loose wire into the main connector maintaining color and function continuity with the dash harness (510318), then connect the other end to the third brake lamp if so equipped.

NOTE: You have been provided with molded fuel tank sending unit extensions for both the main (item A) and auxiliary (item B) fuel tanks which are fully terminated and are ready for installation. Once you have completed the routing and termination of the tan and white (if you have a second tank) fuel tank wires below, plug these extensions A and B onto the tan and white wires per the instructions to complete your fuel tank sender circuits.

TAN Gas Gauge Route this wire to the main fuel tank sending unit, cut to length, install terminal D, plug into connector H as shown on sheet 1, and plug into the tan fuel tank sender extension A from above. Install the completed tan fuel tank sender extension A onto the sender of the main tank and then ground the ring terminal on the black wire of the tan fuel tank extension A to the frame to complete the main fuel tank sender connection.

WHITE Gas Gauge Aux Tank If your truck has an auxiliary fuel tank, plug this loose wire into the main connector maintaining color and function continuity with the dash harness (510318), route the wire to the auxiliary fuel tank sending unit, cut to length, install terminal D, plug into connector H as shown on sheet 1, and plug into the white fuel tank sender extension B from above. Install the completed white fuel tank sender extension B onto the sender of the auxiliary tank and then ground the ring terminal on the black wire of the white fuel tank extension B to the frame to complete the auxiliary fuel tank sender connection.

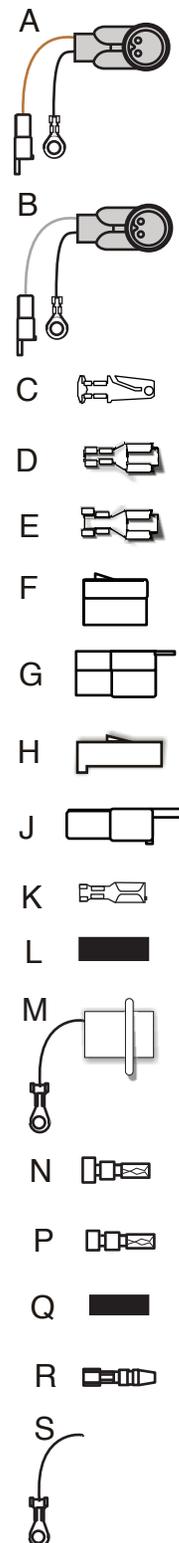
NOTE: There are 2 different ways to connect the brown wires. The 1966-69 Broncos did not use side marker lamps, whereas the 1970-77 Broncos did use side marker lamps. We have provided 2 side marker lamp pigtails M with ground wire and ring terminal fully terminated that are ready for installation. Please take note of your application and connect the brown wires accordingly.

BROWN Running Lamps **(1966-69 Bronco without side marker lamps)** Route this wire to the LH tail lamp area, cut to length, double this wire with the cut off portion, install terminal E and plug into connector F in the location shown on sheet 1. Route the loose end of this brown wire to the license lamp area, cut to length, double this wire with the cut off portion, install terminal K and slide rubber sleeve L back over terminal K as shown on sheet 1. Route the loose end of this brown wire to the RH tail lamp area, cut to length, install terminal D and plug into connector F in the location shown on sheet 1.

(1970-77 Bronco with side marker lamps) Route this wire to the LH side marker lamp area, cut to length, double this wire with the cut off portion, install terminal N and plug into into the empty cavity of one of the side marker pigtails M shown on sheet 1. Route the loose end of this wire to the LH tail lamp area, cut to length, double this wire with the cut off portion, install terminal E and plug into connector F in the location shown on sheet 1. Route the loose end of this brown wire to the license lamp area, cut to length, double this wire with the cut off portion, install terminal K and slide rubber sleeve L back over terminal K as shown on sheet 1. Route the loose end of this brown wire to the RH tail lamp area, cut to length, install terminal E and plug into connector F in the location shown on sheet 1. Route the loose end of this brown wire to the RH side marker lamp area, cut to length, install terminal P and plug into into the empty cavity of the other side marker pigtail M shown on sheet 1.

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1966-1977 Ford Bronco



YELLOW	LH Stop / Tail
DK GREEN	RH Stop / Tail
LIGHT GREEN	Back Up Lamp Feed
LIGHT BLUE	12V Courtesy Switched
BLACK	Ground
ORANGE	12 Volt Battery Fused

Route this wire to the LH tail lamp area, cut to length, install terminal D and plug into the empty cavity of connector F as shown on sheet 1. Terminals C and connector G have been provided for you to crimp onto your stop and tail lamp leads to complete the connection to the LH stop, turn, and tail assembly.

Route this wire to the RH tail lamp area, cut to length, install terminal D and plug into the empty cavity of connector F as shown on sheet 1. Terminals C and connector G have been provided for you to crimp onto your stop and tail lamp leads to complete the connection to the RH stop, turn, and tail assembly.

Route this wire to the LH back up lamp area, cut to length, double this wire with the cut off portion, install terminal E, and plug into connector H as shown on sheet 1. Route the loose end of this light green wire over to the RH back up lamp area, cut to length, install terminal D, and plug into connector H as shown on sheet 1. Terminals C and connectors J have been provided for you crimp onto your back up lamp leads to complete the connection to the LH and RH assemblies.

NOTE: The 66 through 74 Broncos had a dome lamp that was grounded through the dome lamp housing which did not require a separate ground wire. The 75 through 77 Broncos did require a separate ground wire. We have provided you with a switched 12v feed wire (light blue) which will be used in either application. We have also provided a separate black ground wire for use with the 74 through 77 Broncos only. Please follow the dome lamp connections that apply to your application as outlined below and in the drawing on sheet 1.

(These directions apply to both the 66-74 and 75-77 applications). If your truck utilizes a dome lamp assembly, plug this loose wire into the main connector maintaining color and function continuity with the dash harness (510318), then route this wire up through the windshield frame to the dome lamp unit. If you are using the aftermarket unit that mounts in the back of the truck, you will have to route this wire to the back of the truck as well. Cut the wire to length, slide the larger rubber sleeve L onto the wire, crimp terminal K onto the wire and slide the rubber sleeve back over the terminal to protect the terminal from shorting out against any sheet metal. Install the completed wire assembly onto the dome lamp unit. If your truck is a 66-74 model, your dome lamp circuit is now completed. (This is your dome lamp 12 volt feed wire). If your truck is a 75-77 model, continue onto the next step with the black ground wire.

(These directions apply to 75-77 applications only, as the 66-74 dome lamp assembly typically has a ground wire attached to it, or is self grounding, so this wire is not used in those applications). If your truck utilizes a dome lamp assembly, route the loose end of wire S up through the windshield frame to the dome lamp unit. If you are using the aftermarket unit that mounts in the back of the truck, you will have to route this wire to the back of the truck as well. Cut the wire to length, slide the smaller rubber sleeve Q onto the wire, then crimp terminal R onto the wire. Slide the rubber sleeve up to the bottom of the terminal so that the bullet end is left exposed. Install this end of your completed wire assembly onto the dome lamp unit assembly pigtail. Attach the other end of this wire (with the ring terminal on it) that comes out the bottom of the windshield frame to a known good chassis ground to complete your dome lamp circuit.

If your truck has LED tail lamps that require a full time 12 volt battery feed for memory purposes, plug this loose wire into the main connector maintaining color and function continuity with the dash harness (510318), route this wire to the LH stop, turn, and tail assembly, attach it to the LH lamp assembly per the manufacturer's instructions, then continue the orange wire on over to the RH stop, turn, and tail assembly and attach it to the RH lamp assembly per the manufacturer's instructions.

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