

Classic Update Series

FOR 1967-69 APPLICATIONS

THIS AAW KIT **DOES NOT SUPPORT THE USE OF A FACTORY AMMETER**. AS A REPLACEMENT FOR THE AMMETER WE SUGGEST THE USE OF A VOLTMETER INSTEAD. TERMINAL KIT 92965220 HAS BEEN PROVIDED FOR YOU TO CONNECT THIS CLUSTER KIT TO AN AFTERMARKET GAUGE PANEL OR SET.

CONNECTOR E - Plug this connector into the mating connector A on the dash harness (bag G) and connect wires as follows:

Wire Color	Function	Description
PINK	12v Ignition	This wire is only used with an Oil Pressure Warning Lamp (see page 3) (or as the main ignition feed with any aftermarket gauge cluster). Plug this wire into connector E in the cavity indicated on page 2. Route this wire to the oil pressure warning lamp location. Cut to length and install terminal K, plug into connector G. (OPTIONAL) Use cut off portion of wire and create an in-line splice to provide 12V ignition power to an aftermarket tach.
GREY	Instrument Lamps	Route this wire to the instrument panel illumination lamps. This will require an in-line splice of the wires to be able to accommodate each of the illumination lamps. Slide lamp socket M over each wire and install terminal H.
BLACK	Ground	Route this wire to the instrument cluster ground, cut to length, slide on sleeve P, install terminal Q, slide sleeve P over the back of terminal Q. This will plug into the ground female bullet plug on the stock dash assembly.
BROWN	ACC Voltage	Route this wire to the input side of the constant voltage unit (NOT SUPPLIED), cut to length, install terminal O and plug into connector N. Take the cut off portion of wire and slide on sleeve P then install terminal L. Slide sleeve P over the back of terminal L. Plug terminal L into the output side of the constant voltage unit, route to the closest gauge and cut to length. If there are multiple gauges you will need to double the cut off portions of wire in a ring terminal supplied in the gauge terminal kit to supply power to all the gauges. Use included 10-32 locknuts. (See page 2 for illustration)

CONNECTOR D - Plug this connector into the mating connector B on the dash harness (bag G) and connect wires as follows:

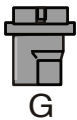
Wire Color	Function	Description
DK BLUE	Right Turn Lamp	Route this wire to the right hand turn indicator lamp location, cut to length, slide on lamp socket M, install terminal H.
LT BLUE	Left Turn Lamp	Route this wire to the left hand turn indicator lamp location, cut to length, slide on lamp socket M, install terminal H.
LT GREEN	Hi Beam Lamp	Route this wire to the high beam indicator lamp location, cut to length, slide on lamp socket M, install terminal H.
DK GREEN	Temperature Sender	Route this wire to the temperature gauge, cut to length, install a ring terminal supplied in the gauge terminal kit. Use included 10-32 locknut.
TAN	Fuel Sender	Route this wire to the fuel level gauge, cut to length, install a ring terminal supplied in the gauge terminal kit. Use included 10-32 locknut.
DK BLUE	Oil Pressure Sender	FOR OIL PRESSURE WARNING LAMP: Route this wire to the oil pressure warning lamp location, cut to length, slide on lamp socket G and spring J, install terminal H. FOR OIL PRESSURE GAUGE (OPTIONAL): If you have the optional oil pressure gauge or decide to use an aftermarket oil pressure gauge you can route this wire to the back of the gauge and install a ring terminal supplied with the gauge terminal kit. Do the same with the pink wire to provide the gauge with 12V.

CONNECTOR F - Plug this connector into the mating connector C on the dash harness (bag G) and connect wires as follows:

This connector is only used when using an aftermarket electronic speedometer. Follow the manufacturer's instructions when installing these wires. If you are using a stock or mechanical aftermarket speedometer, you may discard this connector and wires, as they will not be used for your installation. See page 10 of this instruction sheet for more detailed information regarding the colors of the wires and their installation.

LOOSE WIRES

WHITE	Tachometer	Used ONLY with a tachometer. Plug this loose wire into connector D as shown on page 3 maintaining color continuity with the white "TACH" wire on the mating dash connector. Route the other end of this wire to the tach, cut to length, and install onto your tach pulse location.
PINK	12V ignition	This wire can be used for aftermarket gauges if not used for an Oil Pressure Warning Light. Plug this wire into connector E and route it to the gauges, see page 9 and follow the gauge manufacturers recommendations.



G



H



J



K



L



M



N



O



P



Q



**American
Autowire**

www.americanautowire.com 856-933-0801

Classic Update Series

1967-72 Ford Truck

INSTRUMENT
CLUSTER

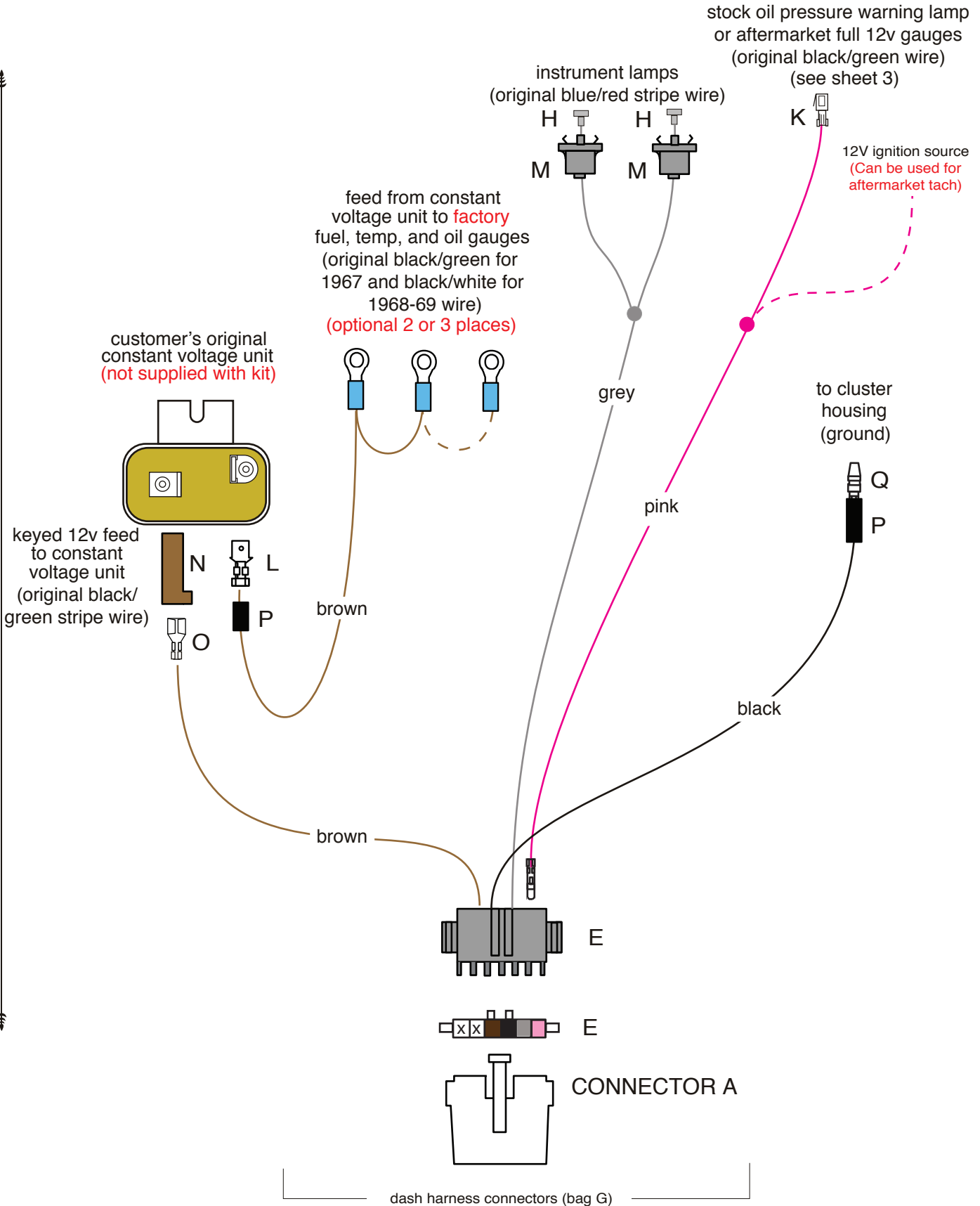
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92970315 instruction rev 0.0 3/19/2013

bag

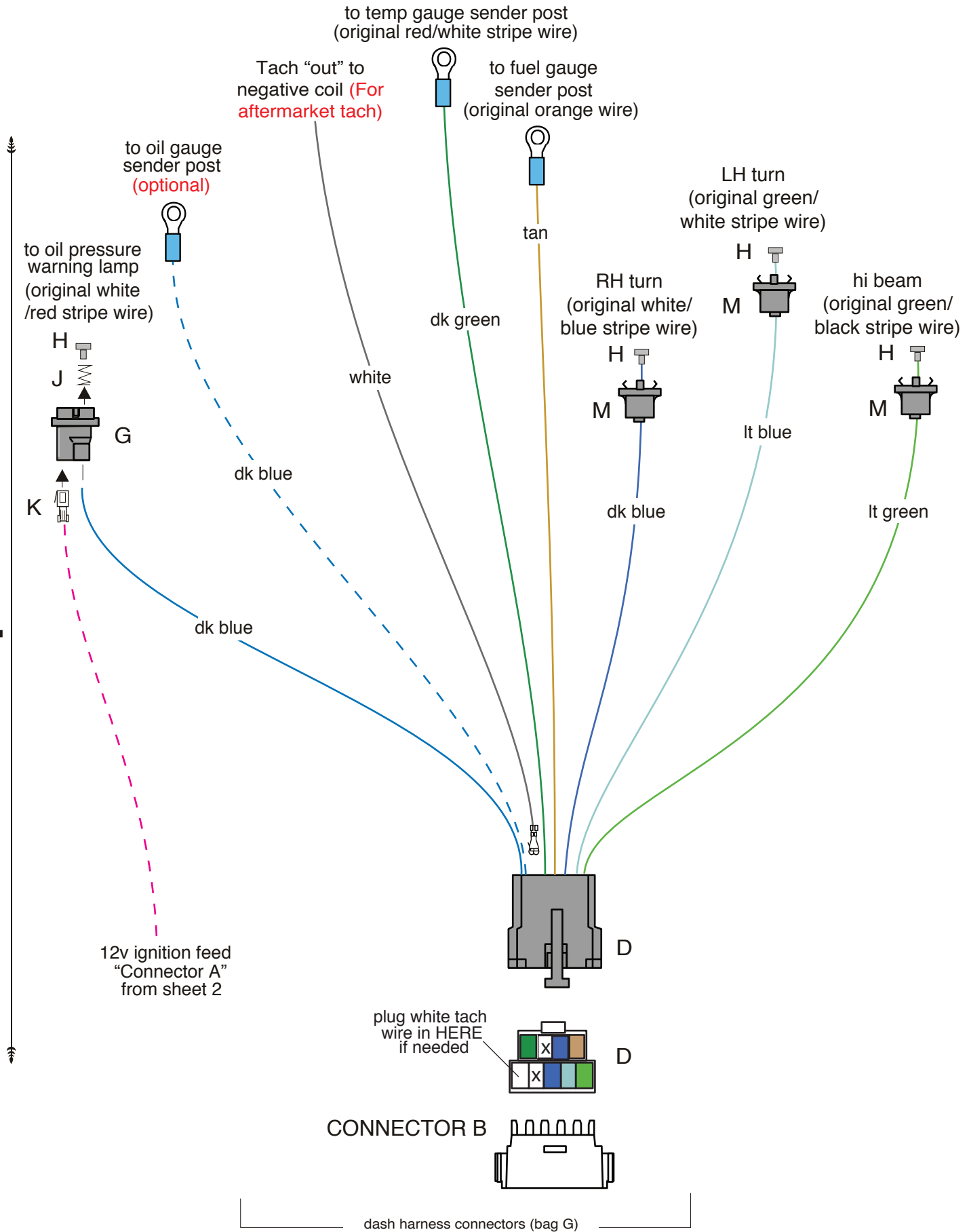
H

Classic Update Series



USE THIS SHEET TO CONNECT TO AN ORIGINAL 1967-69 FORD TRUCK

Classic Update Series



Classic Update Series

FOR 1970-72 APPLICATIONS

THIS AAW KIT **DOES NOT SUPPORT THE USE OF A FACTORY AMMETER**. AS A REPLACEMENT FOR THE AMMETER WE SUGGEST THE USE OF A VOLTMETER INSTEAD. TERMINAL KIT 92965220 HAS BEEN PROVIDED FOR YOU TO CONNECT THIS CLUSTER KIT TO AN AFTERMARKET GAUGE PANEL OR SET.

CONNECTOR D - Plug this connector into the mating connector B on the dash harness (bag G) and connect wires as follows:

Wire Color	Function	Stock Circuit Board Connection
DK BLUE	Right Turn Lamp	Route this wire to the circuit board and cut to length. Install terminal C, and plug into connector R or S in the appropriate location as shown on pages 5 thru 8 depending on your year and application.
LT BLUE	Left Turn Lamp	Route this wire to the circuit board and cut to length. Install terminal C, and plug into connector R or S in the appropriate location as shown on pages 5 thru 8 depending on your year and application.
LT GREEN	Hi Beam Lamp	Route this wire to the circuit board and cut to length. Install terminal C, and plug into connector R or S in the appropriate location as shown on pages 5 thru 8 depending on your year and application.
DK GREEN	Temperature Sender	Route this wire to the circuit board and cut to length. Install terminal C, and plug into connector R or S in the appropriate location as shown on pages 5 thru 8 depending on your year and application.
DK BLUE	Oil Pressure Sender	Route this wire to the circuit board and cut to length. Install terminal C, and plug into connector R or S in the appropriate location as shown on pages 5 thru 8 depending on your year and application.
TAN	Fuel Sender	Route this wire to the circuit board and cut to length. Install terminal C, and plug into connector R or S in the appropriate location as shown on pages 5 thru 8 depending on your year and application.
TAN	Brake Lamp	Route this wire to the circuit board and cut to length. Install terminal C, and plug into connector R or S in the appropriate location as shown on pages 5 thru 8 depending on your year and application.

CONNECTOR E - Plug this connector into the mating connector A on the dash harness (bag G) and connect wires as follows:

Wire Color	Function	Stock Circuit Board Connection
PINK	12v Ignition	This wire is only necessary in a factory warning light gauge cluster or an aftermarket gauge cluster. Plug this wire into connector E in the location shown on pages 5 and 7. Route this wire to the circuit board and cut to length. Install terminal C, and plug into connector R in the appropriate location as shown on pages 5 and 7 depending on your year and application. (OPTIONAL) The cut off portion of this wire can be doubled in terminal T and used to power an aftermarket tach.
GREY	Instrument Lamps	Route this wire to the circuit board and cut to length. Install terminal C, and plug into connector R or S in the appropriate location as shown on pages 5 thru 8 depending on your year and application.
BLACK	Ground	Route this wire to the circuit board and cut to length. Install terminal C, and plug into connector R or S in the appropriate location as shown on pages 5 thru 8 depending on your year and application.
BROWN	ACC Voltage	Route this wire to the circuit board and cut to length. Install terminal C, and plug into connector R or S in the appropriate location as shown on pages 5 thru 8 depending on your year and application.

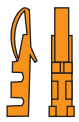
CONNECTOR F - Plug this connector into the mating connector C on the dash harness (bag G) and connect wires as follows:

This connector is only used when using an aftermarket electronic speedometer. Follow the manufacturer's instructions when installing these wires. If you are using a stock or mechanical aftermarket speedometer, you may discard this connector and wires, as they will not be used for your installation. See page 10 of this instruction sheet for more detailed information regarding the colors of the wires and their installation.

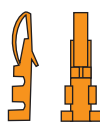
LOOSE WIRES

WHITE Tachometer

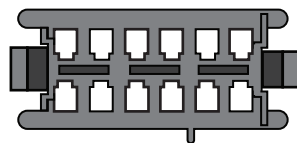
NOTE: These trucks never utilized a factory tach. This wire will only be used with an aftermarket tach. Plug this loose wire into connector D as shown on pages 5 thru 8 maintaining color continuity with the white "TACH" wire on the mating dash connector. Route the other end of this wire to the tach, cut to length, and install onto your tach pulse location.



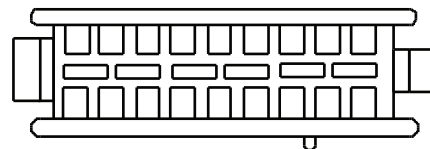
C



T



R

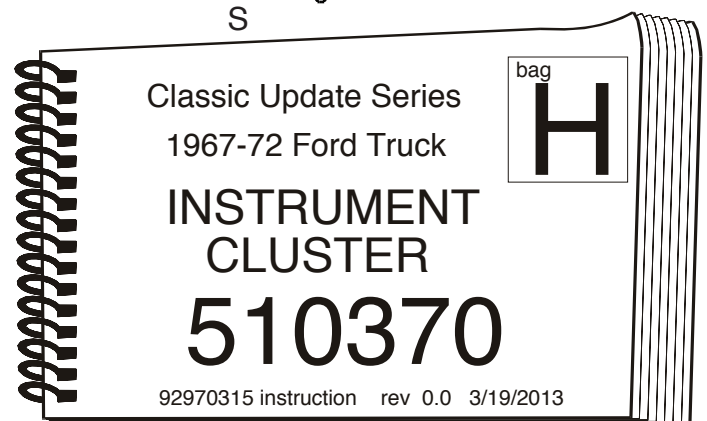


S



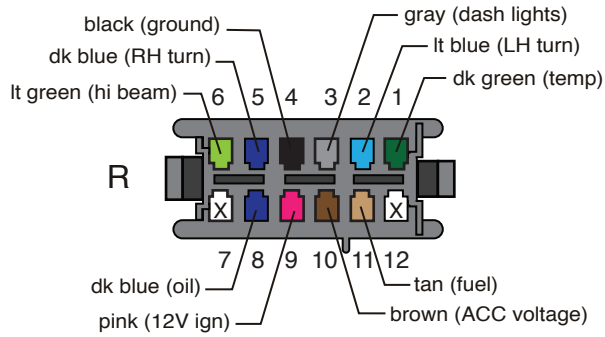
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USE THIS SHEET TO CONNECT TO AN ORIGINAL 1970 FORD TRUCK
FACTORY INSTRUMENT CLUSTER WITHOUT GAUGES (WARNING LAMPS)

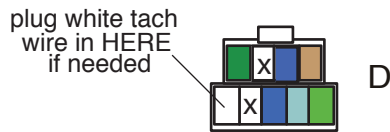
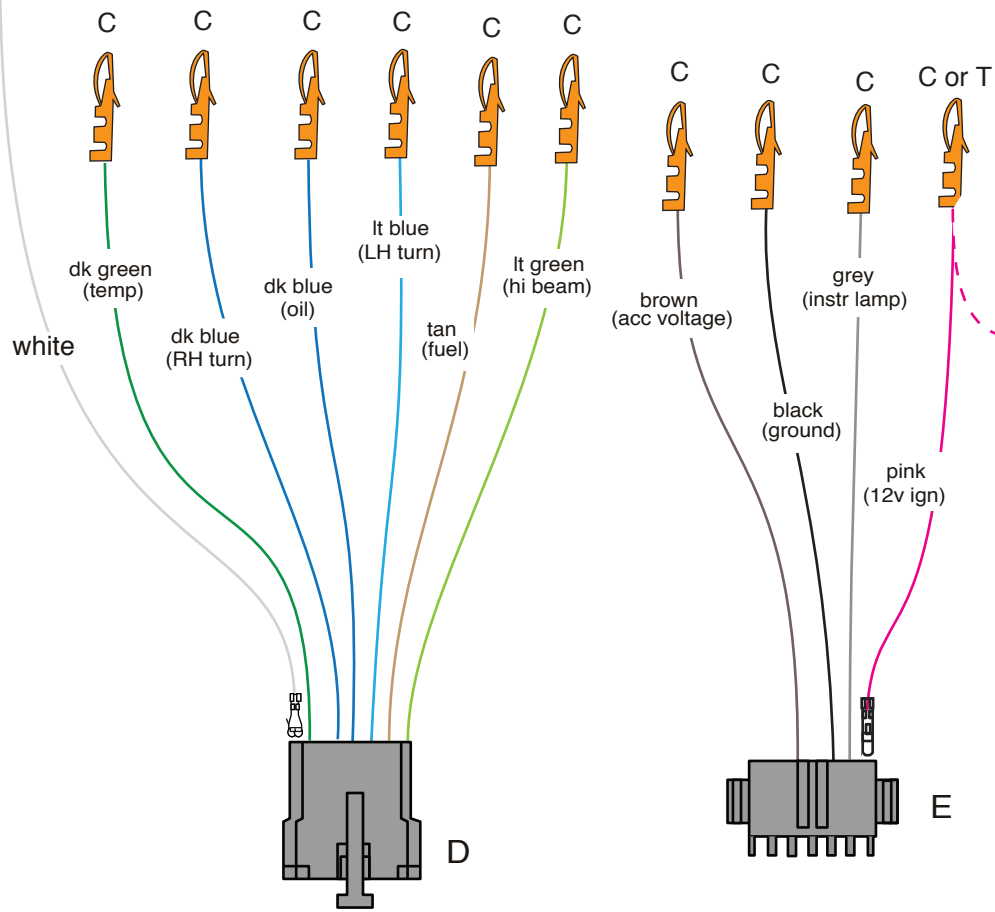
12-WAY CIRCUIT BOARD CONNECTOR



Classic Update Series

Tach "out" to negative coil (For aftermarket tach)

12V ignition source (Can be used for aftermarket tach)



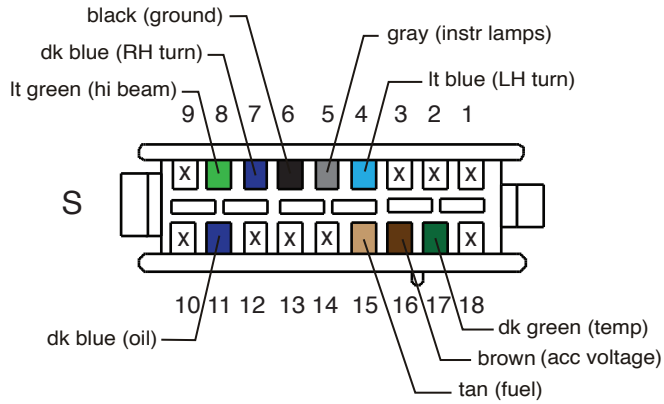
CONNECTOR B

CONNECTOR A

dash harness connectors (bag G)

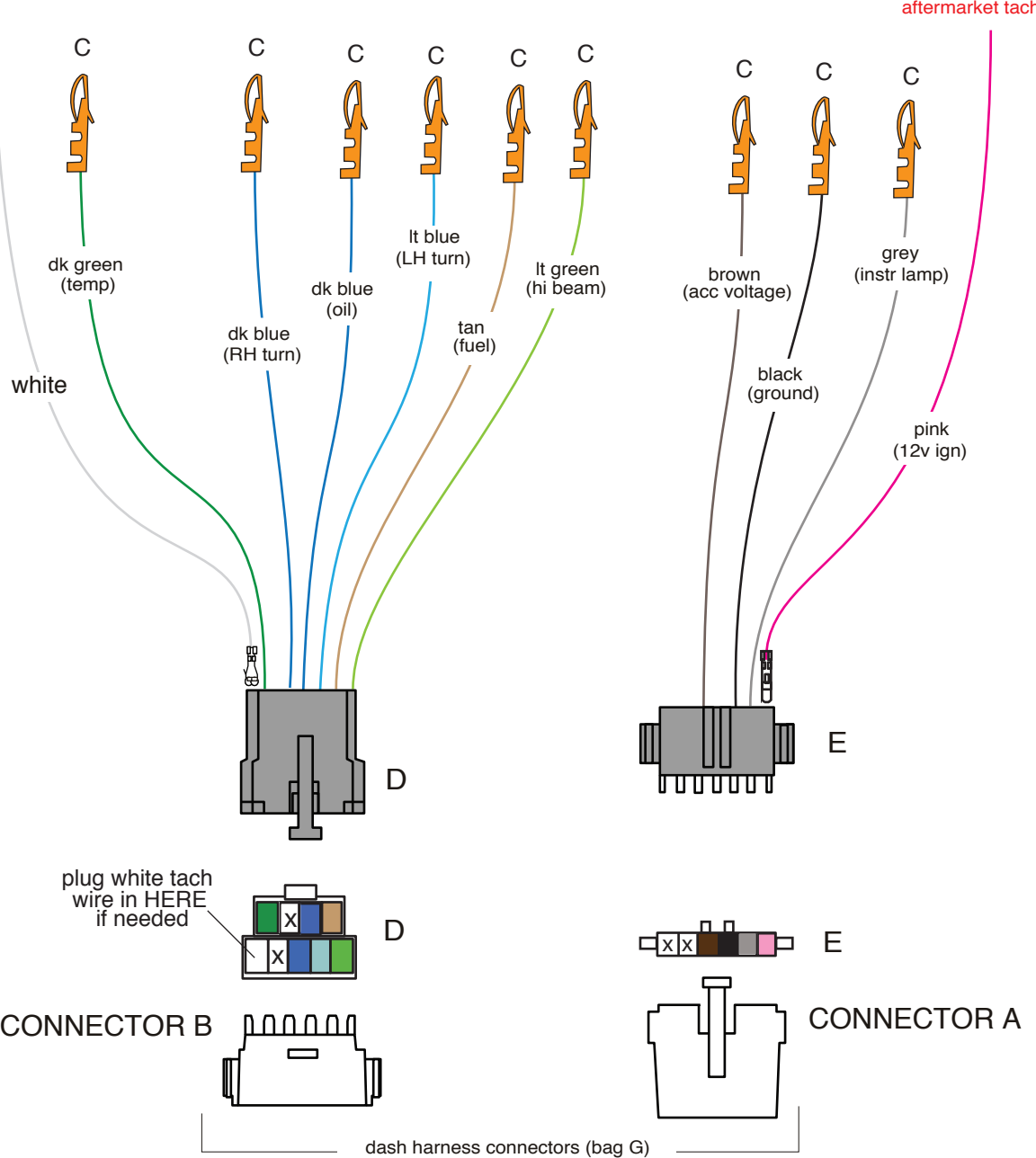
USE THIS SHEET TO CONNECT TO AN ORIGINAL 1970 FORD TRUCK FACTORY INSTRUMENT CLUSTER WITH GAUGES

18-WAY CIRCUIT BOARD CONNECTOR



Tach "out" to negative coil (For aftermarket tach)

12V ignition source (Can be used for aftermarket tach)



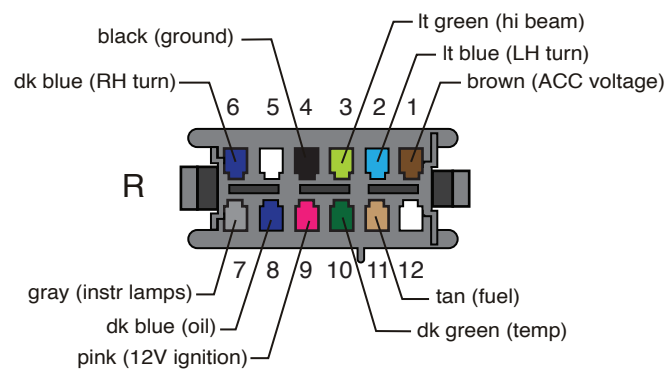
CONNECTOR B

CONNECTOR A

dash harness connectors (bag G)

USE THIS SHEET TO CONNECT TO AN ORIGINAL 1971-72 FORD TRUCK
FACTORY INSTRUMENT CLUSTER WITHOUT GAUGES (WARNING LAMPS)

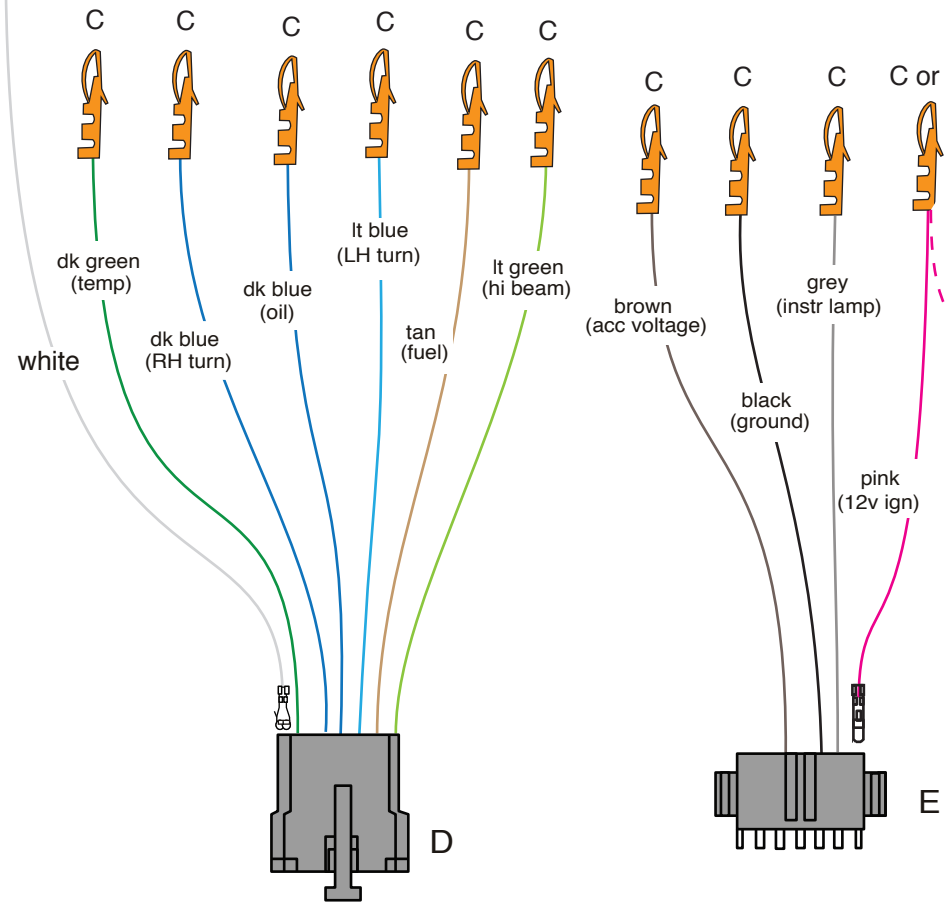
12-WAY CIRCUIT BOARD CONNECTOR



Classic Update Series

Tach "out" to negative coil (For aftermarket tach)

12V ignition source (Can be used for aftermarket tach)



plug white tach wire in HERE if needed

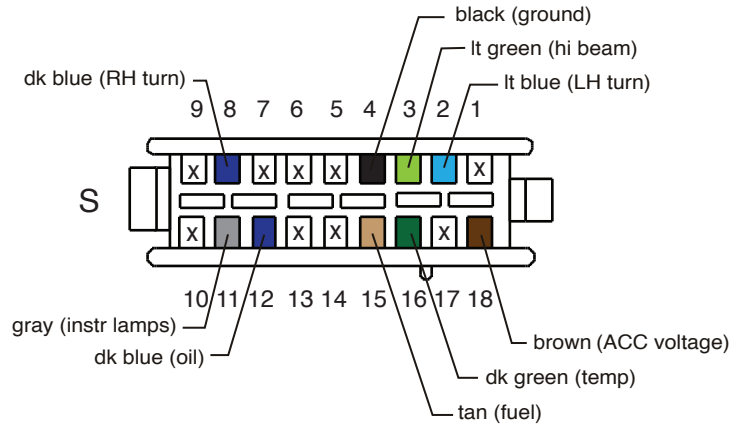
CONNECTOR B

CONNECTOR A

dash harness connectors (bag G)

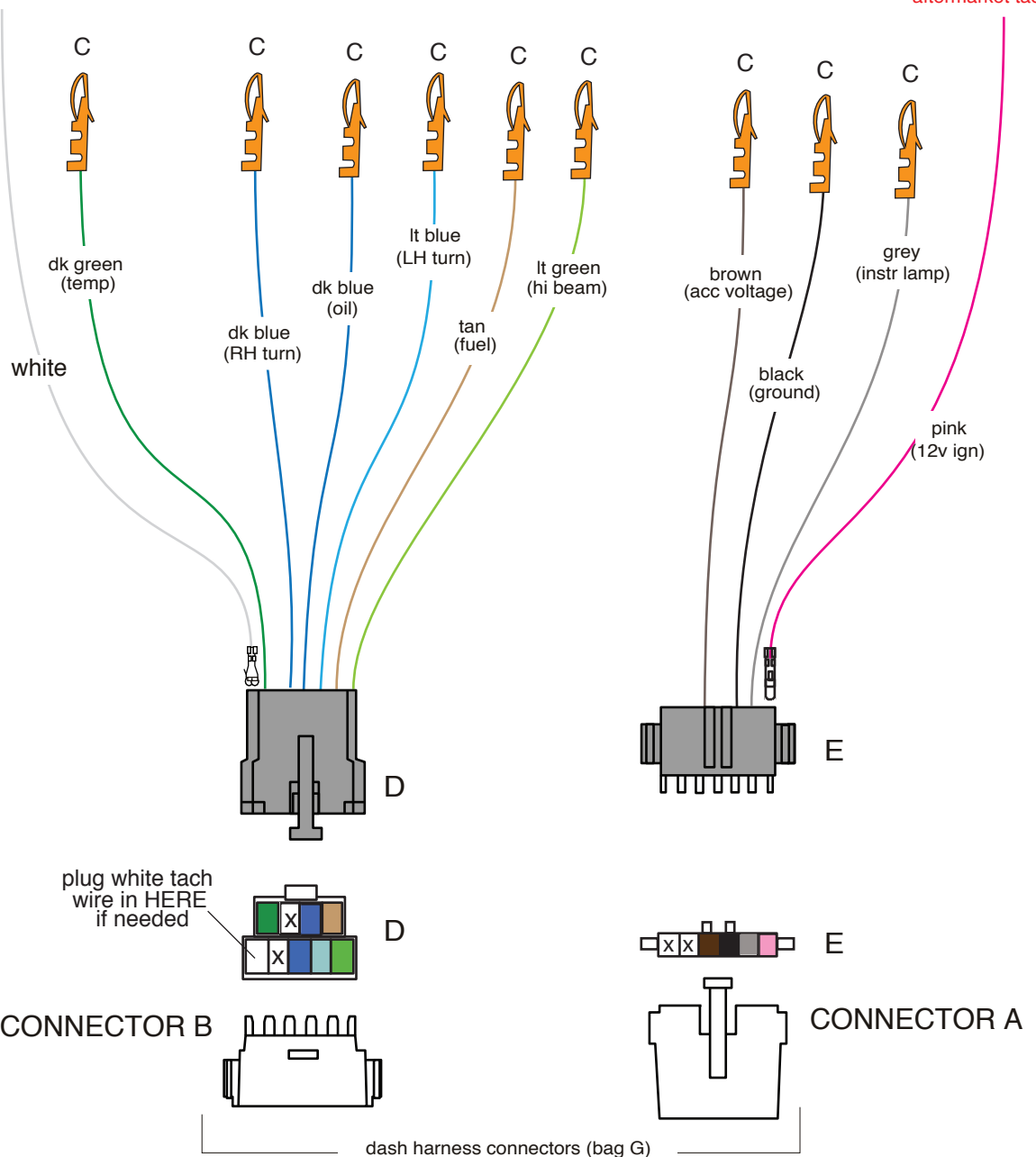
USE THIS SHEET TO CONNECT TO AN ORIGINAL 1971-72 FORD TRUCK FACTORY INSTRUMENT CLUSTER WITH GAUGES

18-WAY CIRCUIT BOARD CONNECTOR

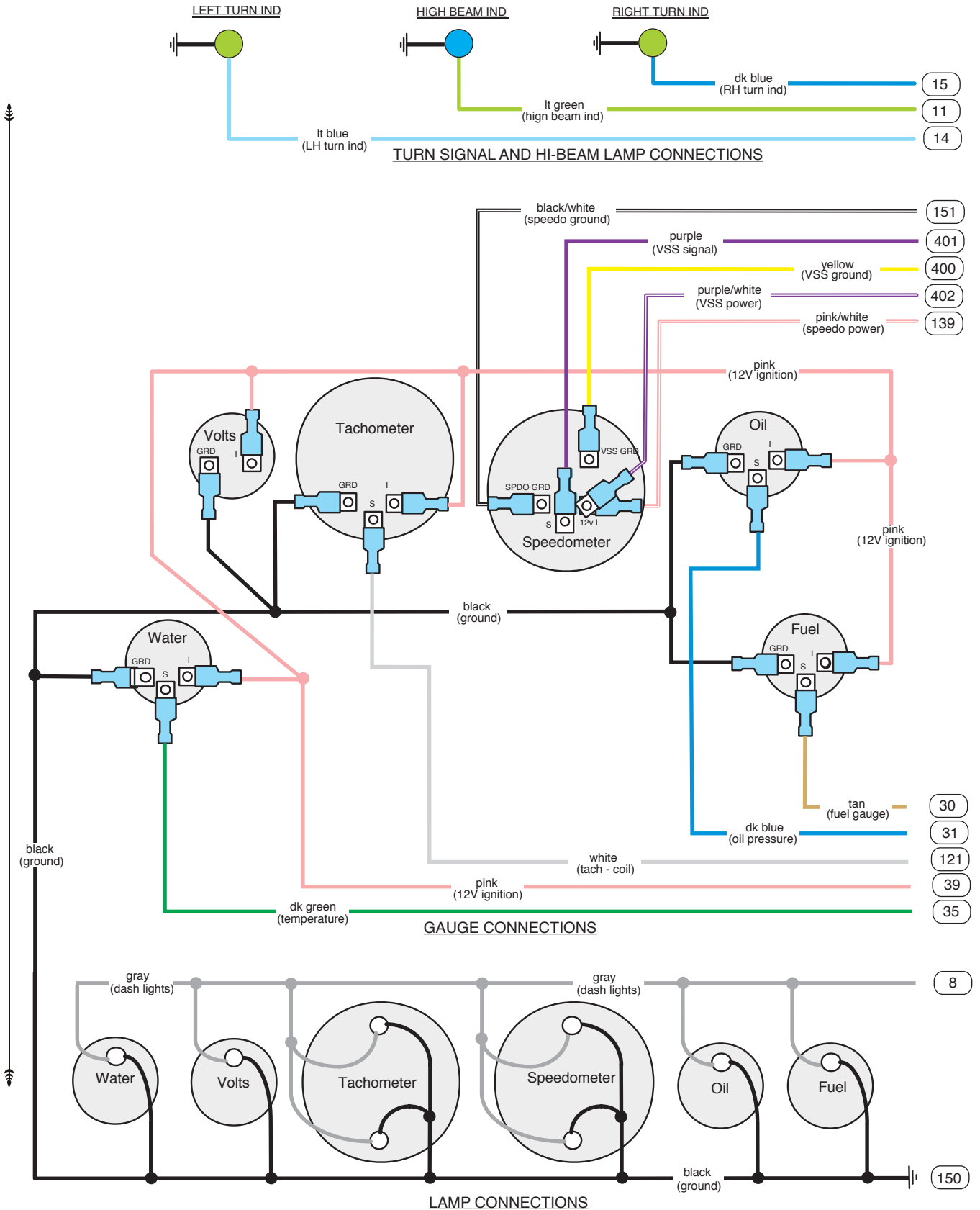


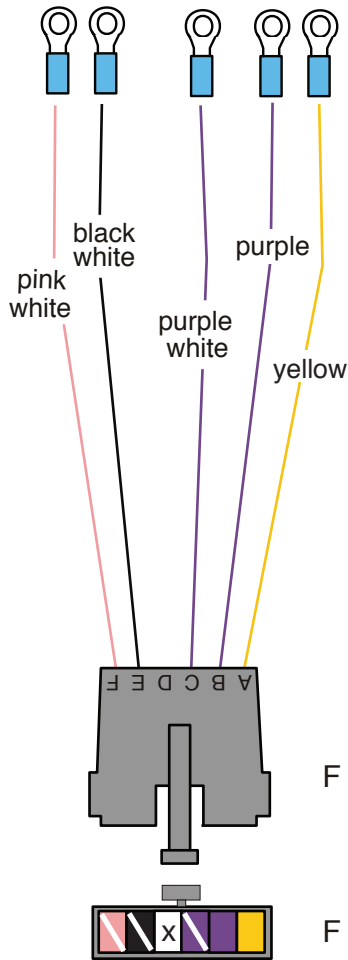
Tach "out" to negative coil (For aftermarket tach)

12V ignition source (Can be used for aftermarket tach)



TYPICAL AFTERMARKET GAUGE CONNECTIONS (BLADE TYPE CONNECTIONS SHOWN)

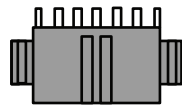




TYPICAL ELECTRIC SPEEDO CONNECTIONS

Below are some general instructions for hooking up an electric speedometer. This connector and these instructions will ONLY be used in the event that you are utilizing an aftermarket electric speedometer. If your car does NOT have an electric speedometer, this connection will NOT be used and should not be plugged onto your dash harness. It is best to consult the speedometer manufacturer's instructions if you have any questions.

<u>Yellow</u>	VSS Ground	Connect to VSS "-" on speedometer.
<u>Purple</u>	VSS Signal	Connect to VSS input on speedometer.
<u>Purple/White</u>	VSS Power	Connect to 12V power on speedometer.
<u>Black/White</u>	Speedo Ground	Connect to ground on speedometer.
<u>Pink/White</u>	Speedo Power	Connect to 12v power on speedometer. NOTE: This wire will double onto the same stud as the purple/white VSS power wire from above.



CONNECTOR C

dash harness connector (bag G)