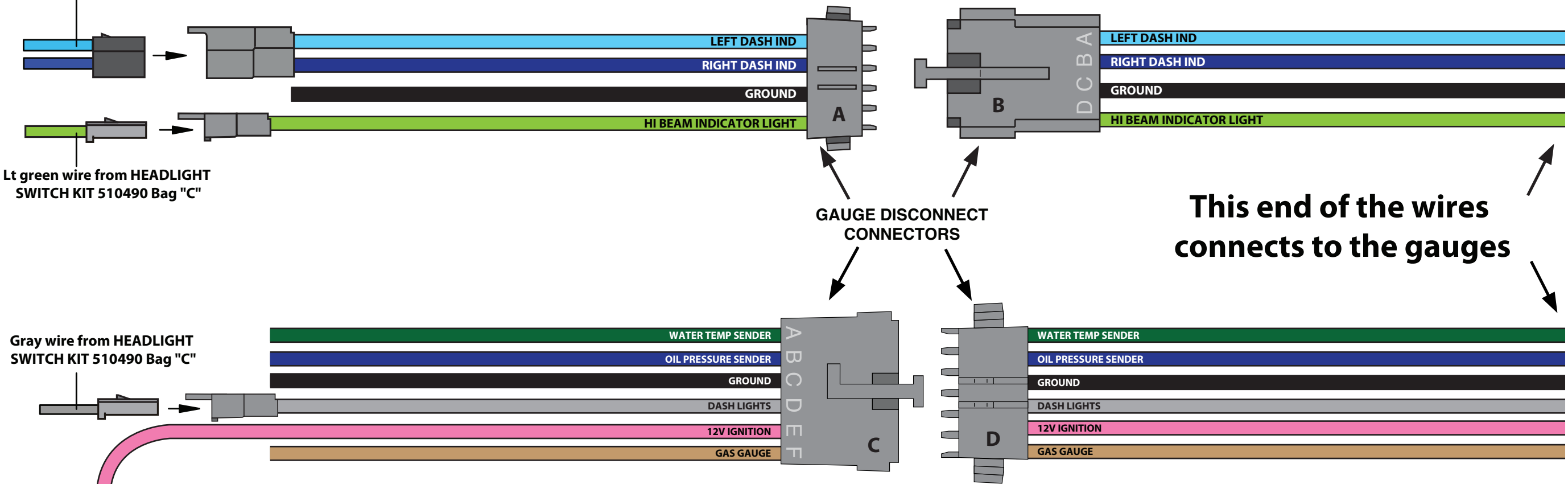


**PLEASE READ AFTERMARKET GAUGE MANUFACTURER'S INSTRUCTIONS OR CONSULT  
OEM WIRING DIAGRAMS FOR CORRECT TERMINAL CONNECTION  
SEE ENCLOSED GAUGE TERMINAL KIT INSTRUCTIONS FOR TYPICAL GAUGE CONNECTIONS  
SEE PAGE 2 FOR WRITTEN INSTRUCTIONS**

Lt blue and dk blue wires from  
TURN SIGNAL KIT 510489 bag "D"

Lt green wire from HEADLIGHT  
SWITCH KIT 510490 Bag "C"

Gray wire from HEADLIGHT  
SWITCH KIT 510490 Bag "C"



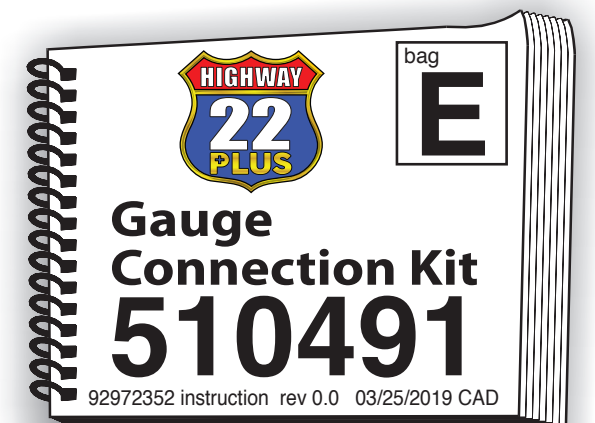
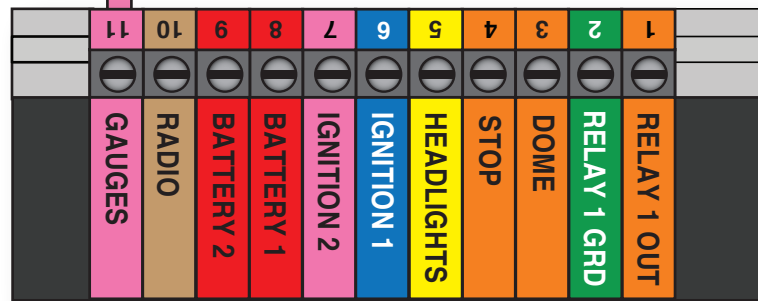
**This end of the wires  
connects to the gauges**

**This purple/white wire can be installed onto the Electric Speedometer  
12V terminal and run to a 3 wire VSS to supply it power**

**These loose piece wires can be installed in connector A & B  
when using an Electric Speedometer and Tachometer.**

- VSS POWER
- VSS SIGNAL
- VSS GROUND
- COIL - TACH
- PARK LIGHTS

**This brown wire is used for the DIM feature on digital gauges**



# INSTALLATION INSTRUCTIONS

This gauge disconnect kit has been provided for the ease of installation and removal of the gauge cluster. Use terminal kit 92965220 for connecting the wires to the gauges.

WIRE COLOR      CIRCUIT      INSTALLATION

## CONNECTORS A AND B

Plug the two pin connector in connector A on the lt. blue and dk. blue turn signal wires into the mating connector from the Turn Signal Connection Kit. (Bag "D" - 510489).

LT BLUE	LEFT DASH IND	(B) Connect the loose end of the lt. blue wire in connector B to the left hand dash indicator lamp.
DK BLUE	RIGHT DASH IND	(B) Connect the loose end of the dk. blue wire in connector B to the right hand dash indicator lamp.
BLACK	GROUNDS	(A) Connect the loose end of the black wire in connector A to a good chassis ground using a provided ring terminal. Solder all connections. (B) Connect the loose end of the black wire in connector B to the "ground" posts on the gauges or lamps using supplied ring or blade type terminals.

Plug the single pin connector in connector A on the lt. green hi beam indicator wire into the mating connector from the Headlight Connection Kit. (Bag "C" - 510490).

LT GREEN	HIGH BEAM IND	(B) Connect the loose end of the lt. green wire in connector B to the high beam indicator lamp.
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## CONNECTORS C AND D

DK GREEN	WATER TEMP GAUGE	(C) Connect the loose end of the dk. green wire in connector C to the temperature sending unit. Solder all connections. (D) Connect the loose end of the dk. green wire in connector D to the temperature gauge on the negative (-) post (sending unit post) using supplied ring or blade type terminals.
DK BLUE	OIL PRESSURE GAUGE	(C) Connect the loose end of the dk. blue wire in connector C to the oil sending unit. Solder all connections. (D) Connect the loose end of the dk. blue wire in connector D to the oil pressure gauge on the negative (-) post (sending unit post) using supplied ring or blade type terminals.
BLACK	GROUNDS	(C) Connect the loose end of the black wire in connector C to a good chassis ground using a provided ring terminal. Solder all connections. (D) Connect the loose end of the black wire in connector D to the "ground" posts on the gauges or lamps using supplied ring or blade type terminals.

Plug the single pin connector in connector C containing the gray dash light wire into the mating connector from the Headlight Connection Kit. (Bag "C" - 510490).

GRAY	DASH LIGHTS	(D) Connect the loose end of the gray wire in connector D to the gauge lamps, using supplied ring or blade type terminals. Solder all connections.
PINK	12V IGNITION	(C) Connect the loose end of the pink wire in connector C to the "GAUGES" location, as shown on page 1. (D) Connect the loose end of the pink wire in connector D to the "12 V" posts on the gauges using supplied ring/boot or blade type terminals.
TAN	GAS GAUGE	(C) Connect the loose end of the tan wire in connector C to the fuel tank sending unit. Solder all connections. (D) Connect the loose end of the tan wire in connector D to the fuel gauge on the negative (-) post (sending unit post) using supplied ring or blade type terminals.

## LOOSE WIRES

WHITE	COIL / TACH	If your vehicle is equipped with a tach, install the loose piece white tach wires into connectors A and B maintaining color continuity with each other. (A) Connect the loose end of the white wire in connector A to the negative (-) post on the ignition coil. Solder all connections. (B) Connect the loose end of the white wire in connector B to the tachometer on the negative (-) post (sending unit post) using supplied ring/boot or blade type terminals.
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**NOTE:** Below are general instructions for hooking up an electric speedometer. These instructions should ONLY be used if you are utilizing an aftermarket electric speedometer. If your car does NOT have an electric speedometer, these wires will NOT be used and should not be plugged onto your cluster harness. It is best to consult the speedometer manufacturer's instructions if you have any questions. These wires will plug into connectors A and B maintaining color continuity with each other. It is suggested that the purple and yellow wires be twisted for the entire length of the routing to both the speedo sender and the speedometer to cancel out any extraneous signals that may effect the operation of the speedometer.

PURPLE	VSS SIGNAL	(A) Connect the loose end of the purple wire in connector A to the VSS signal wire on the sending unit. (B) Connect the loose end of the purple wire in connector B to the VSS signal on speedometer.
YELLOW	VSS GROUND	(A) Connect the loose end of the yellow wire in connector A to the VSS ground wire on the sending unit. (B) Connect the loose end of the yellow wire in connector B to the VSS "-" on speedometer.
PURPLE / WHITE	VSS POWER	The PURPLE / WHITE VSS POWER wire is used for those VSS senders requiring power. Connect one end to the VSS and the other end to a 12 volt ignition source on the panel or the ignition switch.

**NOTE:** These instructions should ONLY be used in the event that you are using a Dakota Digital instrument cluster. These wires will plug into connectors A and B maintaining color continuity with each other.

BROWN	LIGHT DIM	(A) Connect the loose end of the brown wire in connector A to the brown rear parking lamp circuit in the Headlight Switch Kit (Bag "C" - 510490). (B) Connect the loose end of the brown wire in connector B to the to the Dakota panel. This wire is needed to dim the panel lights when the exterior lights are on (to reduce eye strain).
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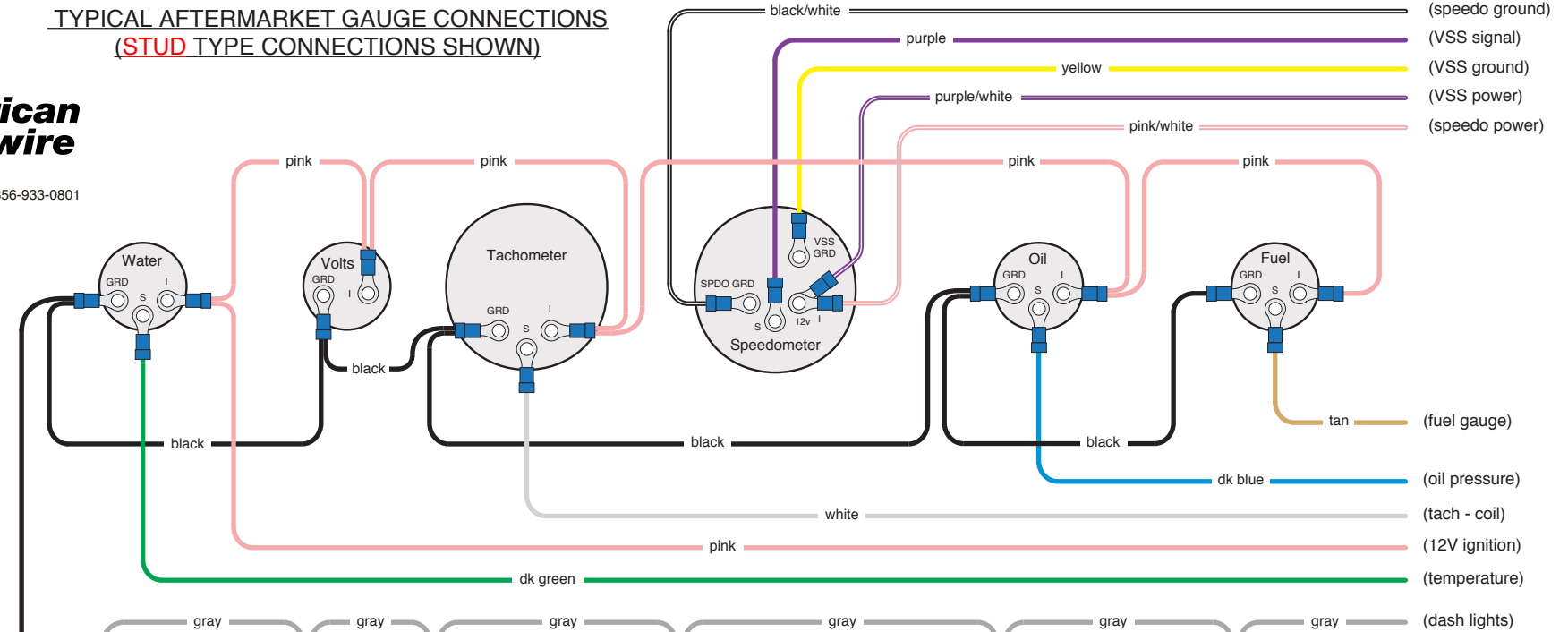




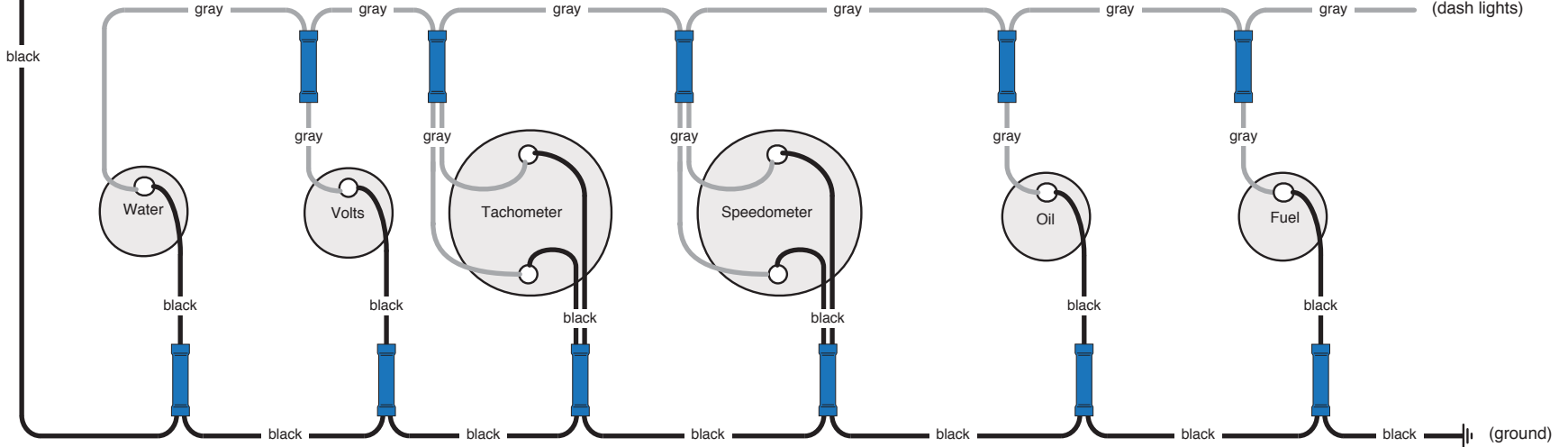
www.americanautowire.com 856-933-0801

**TYPICAL AFTERMARKET GAUGE CONNECTIONS**  
**(STUD TYPE CONNECTIONS SHOWN)**

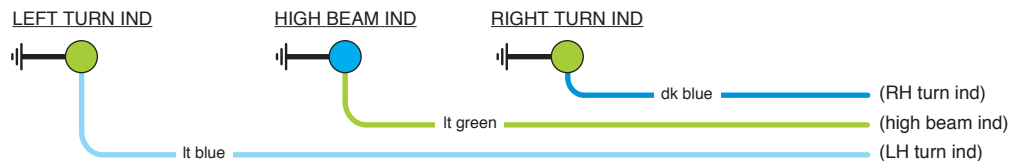
**GAUGE CONNECTIONS**



**LAMP CONNECTIONS**



**TURN SIGNAL AND HI-BEAM LAMP CONNECTIONS**



**PART # 92965220**  
**Gauge Connection Kit**

Complete connections  
 for aftermarket gauges

92965221 Rev 1.1 12/12/2014

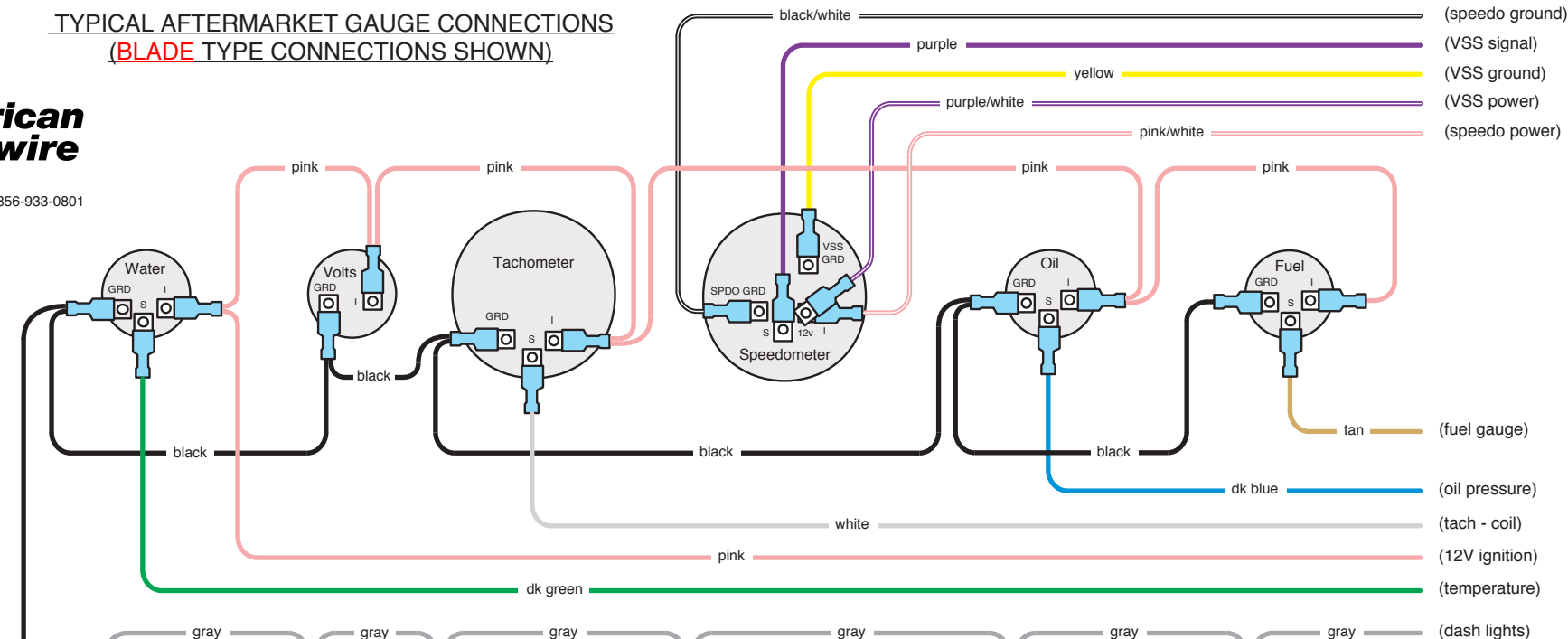
**Part 6 of Danchuk # 12808 Instructions**



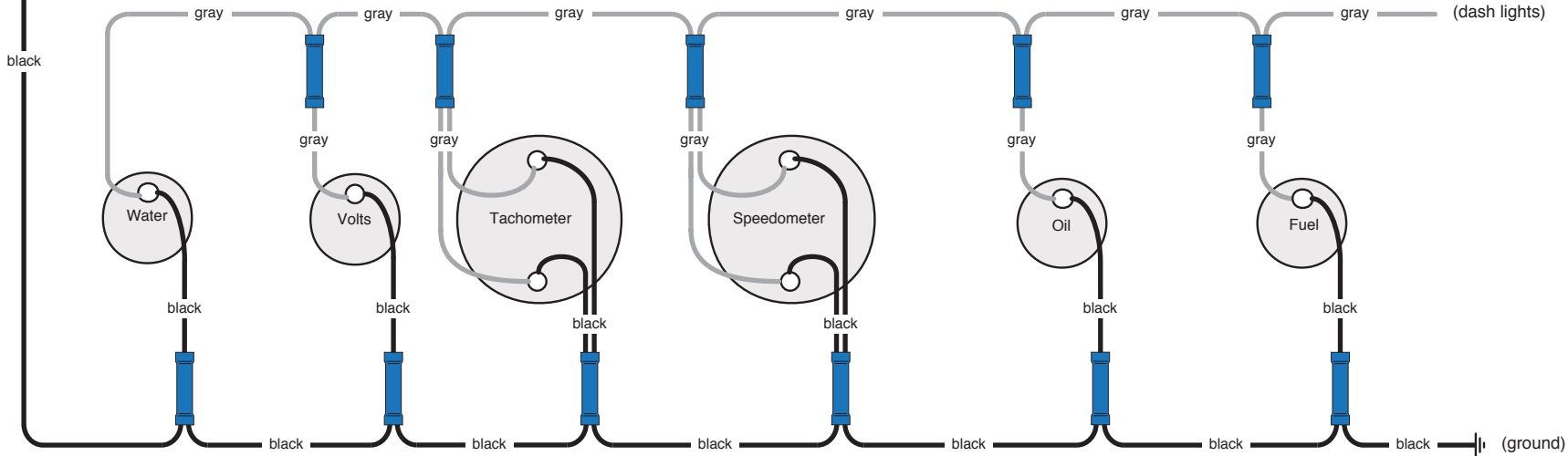
www.americanautowire.com 856-933-0801

**TYPICAL AFTERMARKET GAUGE CONNECTIONS**  
(BLADE TYPE CONNECTIONS SHOWN)

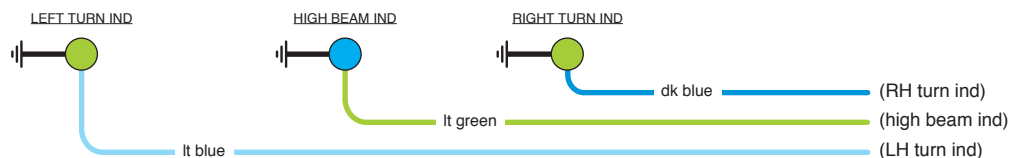
**GAUGE CONNECTIONS**



**LAMP CONNECTIONS**



**TURN SIGNAL AND HI-BEAM LAMP CONNECTIONS**



PART # **92965220**

**Gauge Connection Kit**

Complete connections  
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92965221 Rev 1.1 12/12/2014

**Part 6 of Danchuk # 12808 Instructions**