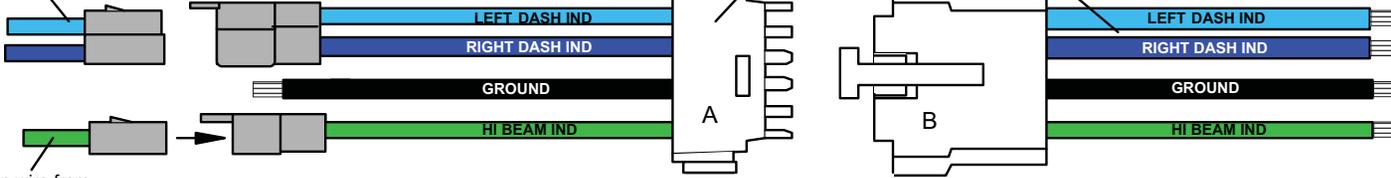


**PLEASE READ GAUGE MANUFACTURER'S INSTRUCTIONS SHEETS FOR PROPER GAUGE WIRING**

**SEE ENCLOSED GAUGE TERMINAL KIT INSTRUCTIONS FOR TYPICAL GAUGES CONNECTIONS**

Lt blue wire from TURN SIGNAL KIT 500302 or 500421 bag "D"

gauge disconnect connectors

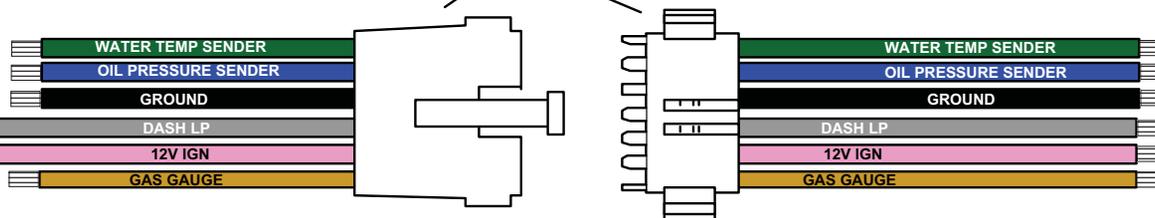


Lt green wire from HEADLIGHT SWITCH KIT 500303 or 500420 Bag "C"

This end of all wires connects to the gauges

gauge disconnect connectors

Gray wire from HEADLIGHTSWITCH KIT 500303 or 500420 Bag "C"



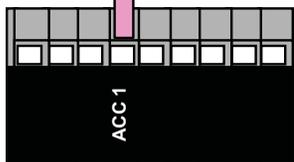
another wiring product by...



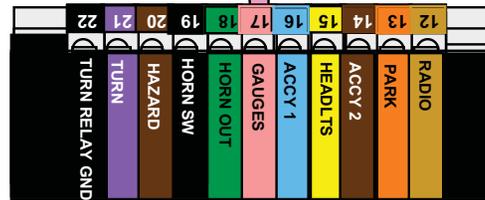
**American Autowire**

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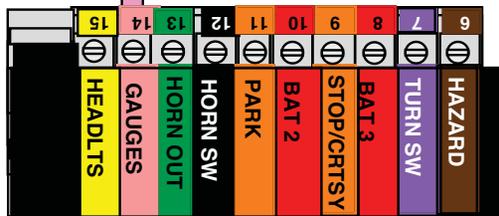
150 Heller Pl #17 W Bellmawr, NJ 08031 800-482-9473



COMP 9 panel



HIGHWAY 22 PANEL (left side)



HIGHWAY 15 PANEL (right side)

PART #

**500353**

**E**

DESCRIPTION:

**GAUGE CONNECTION KIT**

92964922 instruction sheet

Rev 7.0

4/15/2009

## INSTALLATION INSTRUCTIONS

Gauge disconnect connectors are provided for ease of installing and removing the gauge cluster. Use terminal kit 92965220 for connection wires to gauges.

<u>WIRE COLOR</u>	<u>CIRCUIT</u>	<u>INSTALLATION</u>
TAN	GAS GAUGE	Connect this wire to the fuel gauge on the negative (-) post (sending unit post) using supplied ring or blade type terminals. Route the other end to the fuel tank sending unit. Solder all connections.
DK BLUE	OIL PRESSURE GAUGE	Connect this wire to the oil pressure gauge on the negative (-) post (sending unit post) using supplied ring or blade type terminals. Route the other end to the oil sending unit. Solder all connections.
DARK GREEN	WATER TEMP GAUGE	Connect this wire to the temperature gauge on the negative (-) post (sending unit post) using supplied ring or blade type terminals. Route the other end to the temperature sending unit. Solder all connections.
BLACK (2)	GAUGE GROUNDS	Connect this wire to the "ground" post on the gauge using supplied ring or blade type terminals. This wire is then connected to a good chassis ground using a provided ring terminal. Solder all connections.
PINK	12V IGNITION	<u>COMP 9 WIRING KIT</u> : Connect this wire to the "12 V" post on the gauges using supplied ring/boot or blade type terminals. This wire is then connected to the " <b>ACCY 1</b> " location, as shown on sheet 1. <u>HIGHWAY 15 WIRING KIT</u> : Connect this wire to the "12 V" post on the gauges using supplied ring/boot or blade type terminals. This wire is then connected to the " <b>GAUGES</b> " location, as shown on sheet 1. <u>HIGHWAY 22 WIRING KIT</u> : Connect this wire to the "12 V" post on the gauges using supplied ring/boot or blade type terminals. This wire is then connected to the " <b>GAUGES</b> " location, as shown on sheet 1.
WHITE	COIL / TACH	Connect this wire to the tachometer on the negative (-) post (sending unit post) using supplied ring/boot or blade type terminals. Route the other end to the ignition coil. Solder all connections.
LT BLUE	LEFT DASH IND	Plug the 2 position connector into the mating connector from the Turn Signal Connection Kit. (Bag "D" - 500302 or 500421). The loose end wires will connect to the turn signal indicator lamps (lt blue=left turn, dk blue=right turn)
DK BLUE	RIGHT DASH IND	
GRAY	DASH LIGHTS	
LT GREEN	HIGH BEAM IND	Connect one end of this wire to the gauge lamps, using supplied terminal. Solder all connections. The single male connector on the gray wire will plug into the mating gray wire from the Headlight Connection Kit. (Bag "C" - 500303 or 500420). Connect one end of one wire to the high beam indicator lamp. Connect the end with the single connector on it to the mating lt green wire from the Headlight Connection Kit. (Bag "C" - 500303 or 500420).
PURPLE	VSS SIGNAL	If you are using an electronic speedometer, it will be necessary to use these wires for the speedometer speed sensor. The PURPLE VSS SIGNAL wire is used for the actual sensor signal lead and the YELLOW VSS GROUND wire is used as the ground. Each wire has a mating terminal to the other (same color) wire. Plug the female into an unused cavity in connector B. Plug the mating male into the mating cavity on connector A. Route the other ends to the speed sensor and speedometer, and connect per the manufacturer's instructions. It is suggested that the wires be twisted for the entire length of the routing to both the speed sensor and the speedometer. This may be necessary on some gauges to cancel extraneous signals that may effect the operation of the speedometer.
YELLOW	VSS GROUND	
PURPLE	VSS POWER	The PURPLE 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.
WHITE	TACHOMETER	Use only if you are installing a tachometer. Each wire has a mating terminal to the other (same color) wire. Plug the female into an unused cavity in connector B. Plug the mating male into the mating cavity on connector A. Connect one wire to the tachometer, following the manufacturer's instructions, and connect the other wire to the coil.
BROWN WIRE	LIGHT DIM	Use only if you are using a Dakota Digital instrument cluster. Each wire has a mating terminal to the other (same color) wire. Plug the female into an unused cavity in connector B. Plug the mating male into the mating cavity on connector A. Route one wire to the brown rear parking lamp circuit in the Headlight Switch Kit (Bag "C" - 500303). Route the other end to the Dakota panel. This wire is needed to dim the panel lights when the exterior lights are on (to reduce eye strain).

PART #

500353

E

DESCRIPTION:

**GAUGE CONNECTION KIT**

92964922 instruction sheet      Rev 7.0      4/15/2009