

**American  
Autowire**

www.americanautowire.com 856-933-0801

Part Number

**510427**

**H**

Description

**INSTRUMENT CLUSTER  
CONNECTION KIT**

92971468 instruction sheet

Rev 0.0 9/9/2015 DB

## INSTALLATION INSTRUCTIONS - STOCK INSTRUMENT CLUSTER

**NOTE:** This kit **WILL NOT** support the use of a factory ammeter. A voltmeter is recommended as a good alternative.

### CONNECTOR A

DK BLUE	Right Dash Ind	Connect to the right hand turn signal indicator using lamp socket E and rivet F as shown on sheet 1 of this instruction set. (NOTE: Install socket onto the wire before the rivet).
LT BLUE	Left Dash Ind	Connect to the left hand turn signal indicator using lamp socket E and rivet F as shown on sheet 1 of this instruction set. (NOTE: Install socket onto the wire before the rivet).
LT GREEN	High Beam Ind Light	Connect to the left hand turn signal indicator using lamp socket E and rivet F as shown on sheet 1 of this instruction set. (NOTE: Install socket onto the wire before the rivet).
BLACK	Ground	Connect this wire to the back of your instrument cluster using ring terminal G supplied in the aftermarket gauge connection kit bag, 92965220 as shown on sheet 1 of this instruction set. This is an additional ground lead that may not be necessary as the entire cluster housing is grounded through its mounting to the metal dash board housing.

### CONNECTOR B

DK BLUE	Oil Pressure Sender	This wire will only be used with an aftermarket gauge and will not be used on a stock instrument cluster. It can be removed (See Detail "A" at right for removal), or left coiled up under the dash, as the factory oil pressure gauge is a mechanical unit.
DK GREEN	Water Temp Sender	This wire will only be used with an aftermarket gauge and will not be used on a stock instrument cluster. It can be removed (See Detail "A" at right for removal), or left coiled up under the dash, as the factory water temp gauge is a mechanical unit.
PINK	12V Ign	Connect to the 12V (+) post on gas gauge using terminal C and connector D as shown on sheet 1 of this instruction set. <b>(NOTE: This will also be used as a 12v feed for any aftermarket oil or temp gauge)</b>
TAN	Gas Gauge	Connect to the sender (-) post on the gas gauge using terminal C and connector D as shown on sheet 2 of this instruction set.
GRAY	Dash Lights	<b>NOTE:</b> Install lamp sockets E onto the supplied loose piece gray lead wires with rivets installed. These wires will be spliced together with the butt splice connector H supplied in the aftermarket gauge connection kit bag, 92965220, as shown on sheet 1 of this instruction set.
BLACK	Ground	Connect this wire to the back of your instrument cluster using ring terminal G supplied in the aftermarket gauge connection kit bag, 92965220 as shown on sheet 1 of this instruction set. This is an additional ground lead that may not be necessary as the entire cluster housing is grounded through its mounting to the metal dash board housing.

### CONNECTOR C

PINK	12V Ign	<b>(Optional)</b> Connect to the 12V (+) post on any other aftermarket gauge requiring a 12V "keyed" source. We suggest that a good use for wire would be as feed to an aftermarket voltmeter.
GRAY	Dash Lights	<b>NOTE:</b> Install lamp sockets E onto the supplied loose piece gray lead wires with rivets installed. These wires will be spliced together with the butt splice connector H supplied in the aftermarket gauge connection kit bag, 92965220, as shown on sheet 1 of this instruction set.
BLACK	Ground	Connect this wire to the back of your instrument cluster using ring terminal G supplied in the aftermarket gauge connection kit bag, 92965220 as shown on sheet 1 of this instruction set. This is an additional ground lead that may not be necessary as the entire cluster housing is grounded through its mounting to the metal dash board housing.

### LOOSE WIRE:

WHITE	Tach	If you are using an aftermarket tachometer, it will be necessary to plug this loose white wire into connector A as shown on sheet 1, maintaining color continuity with the white tach wire from the dash harness. Connect the loose end of the white wire to the tachometer, following the manufacturer's instructions.
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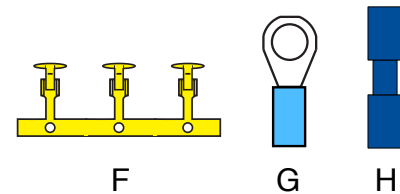
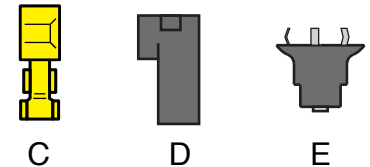
### CONNECTOR D

See sheet 3 for connections to an aftermarket electronic speedometer.



DETAIL "A"

Each terminal has a locking "tang" to lock into connector. This tang must be collapsed with a very thin screwdriver, to remove the terminal from the connector.



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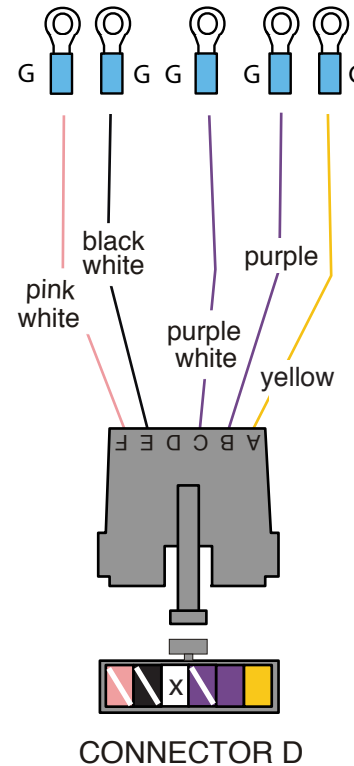
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## TYPICAL ELECTRIC SPEEDO CONNECTIONS

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 Pulse	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. <b>NOTE:</b> This wire will double onto the same stud as the purple/white VSS power wire from above.



All connectors are depicted looking into the open end of the connectors, **NOT** wire entry end



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