RON FRANCIS
Wiring

**DK-8
Dash Wiring Kit
For VDO Gauges**

The wiring kit has connections for up to six VDO gauges. **Read all instructions provided with your VDO gauges prior to installing this kit**.

Wiring: Read the printing on the wires carefully and follow the chart below to correctly plug into the gauges.

Gauge	Connector Type	Wire Colors in Connector
Speedometer	6 gang white	Brown (IGNITION), Black (GROUND), Light Blue (SIGNAL)
Tachometer	6 gang white **(**)**	Brown (IGNITION), Black (GROUND), Purple (SIGNAL)
Temperature	3 gang black	Brown (IGNITION), Black (GROUND), Dark Blue (SIGNAL)
Oil Pressure	3 gang black	Brown (IGNITION), Black (GROUND), Gray (SIGNAL)
Volt Meter	3 gang black	Brown (IGNITION), Black (GROUND)
Gas Gauge	3 gang black	Brown (IGNITION), Black (GROUND), Light Green (SIGNAL)
NOTE: If one of the supplied gauge connectors is not being used in your application it can be cut from the system without interfering with the operation of the other gauges. Cut the brown and black wires as close to the eight gang connector as possible and "tape".		
Dash Lights	Single white (clear) connectors	The white and black wires are the power (white) and ground (black) connections to the gauge lights. It does not matter which wire is connected to which spade terminal.

(**) NOTE: Users of the small 2 1/16 inch VDO tachometer must remove the white six gang connector. Install three push on connectors supplied in the small parts bag.

Speed Sensor connection to speedometer: Due to the different types of speed sensors that can be wired into the speedometer, three different sensor wiring schematics are shown in the VDO instruction booklet supplied with the gauge. We have already installed a light blue wire into position eight as shown in the VDO schematic on all three drawings. This wire is in this position on all three type speed sensors. The following chart lists the drawing number referred to in the VDO booklet and the remaining wiring connections for the speed sensor.

Drawing #1	Plug the yellow wire into slot number six & eight of the VDO connector as shown in the VDO schematic. Plug the red wire into slot number two. Connect the ground wire out of the sensor to a good ground.
Drawing #2	Cut the yellow wire off as close as possible to the black eight gang connector. Plug the red wire into slot number seven of the VDO connector as shown in the VDO schematic.
Drawing #3	Cut the yellow and red wire off as close as possible to the black eight gang connector. Also cut the red wire off on the white side of the eight gang connector.

OVER ☞

Now that the gauges are wired follow the chart below to finish the kit installation.

Wire Color	Printed	AP-97 kit & others	Express & Bare Bonz wire kits
White	DASH LIGHTS	Connects to the headlight switch dash light connection.	Same
Brown	GAUGE FEED->47	Connects to #47 on the panel (or to a fused 12 volt accessory feed).	Connects to #14 on the panel (or to a fused 12 volt accessory feed).
Black	GROUND->R	Connects #R or grounded to the frame or engine.	Connects to the frame or engine.
Red & Light Blue	SPEED GENERATOR	Follow the VDO instructions supplied with your speedometer which will determine the type connection(s) to be made.	Same
Light Green	GAS GAUGE->17	Connect to #17 on the panel (or to the tank itself if you are not using our kit).	Connect to the tank itself.
Dark Blue	TEMP SENDER->	Connect to the temperature sender on the engine	Connect to the temperature sender on the engine
Gray	OIL SENDER	Connect to the oil sender on the engine	Connect to the oil sender on the engine
Purple	TACH->COIL	Connect to the distributor/coil (tach*)	Same

The black half of the three gang plug has the wires for the left (Blue) and right (Green) turn indicators and high beam (brown) indicator lights on the dash board. Connect the Blue to the right turn signal indicator light. Connect the Green to the left turn signal indicator light. Connect the Brown to the high beam indicator light. These connections **CAN NOT** be completed at this time. To complete these connections requires additional wiring that will be installed in later wiring bags. The instructions to complete the connection to these lights will be addressed when installing the additional wiring pertaining to these lights. The other half of the plug containing the brass terminals (shown above) is supplied in the plastic bag. Crimp the terminals on the wires running from each indicator. Install the wires in the black plug across from the correct indicator light wire. Be sure to ground these lights.

Two wires, one brown and one light green are supplied to run directly from your radio to the panel. The light green radio memory wire runs to #31 on the AP-97 kit or to #7 on the Bare Bonz, Bare Bonz II and Express wiring kits. The brown radio ignition feed runs to #20 on the AP-97 kit or to #14 on the Bare Bonz, Bare Bonz II and Express wiring kits.

Parts include:
Brown GM HEI Tach connector and brass terminal, Black three gang connector and brass terminals for indicator light connections, slip on connectors for gauge requiring same and ring terminal for external coil tach connection.

Remember...Ron Francis' **WIRES WORK**   P:\INST\DK-7

© Copyright 1999 Ron Francis'