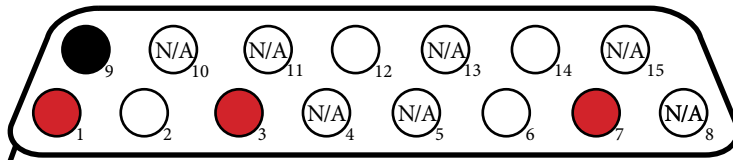
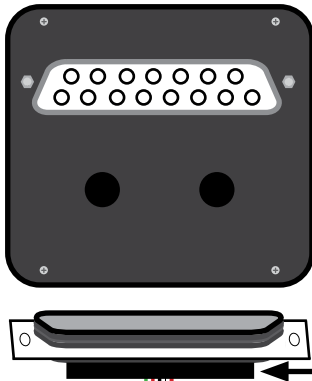


SC-5

Instrument Wiring Diagram



15-Pin D-Sub Connector

Wire Side View

Pin 1 (Red - 20ga): Power Lead 3'

Connects to 12- or 24-Volt Bus via 1-amp fuse. Do NOT connect the instrument to constant power.

PWR

Pin 9 (Black - 20ga): Ground Lead 3'

Connects to ground.

GND

Pin 2 (White - 20ga): 24V Engine Timer 3'

Connects to ground for a 24-volt system. Leave open for a 12-volt system.

24V ETS

Pin 3 (Red - 20ga): Engine Timer Starter 3'

Can be connected to the battery via an oil pressure switch and a 1-amp fuse (see manual).

ETS

Pin 12 (White - 20ga): External Warning 3'

Can be connected to a relay to control an external light, buzzer, etc. Grounds when red warning light is on. Current must be limited to a maximum of 2/10 amp.

EXT WARN

Pin 6 (White - 20ga): 12V Backlight Control Line 3'

Backlight control line. Connects to 12-volt bus. 12 volts turn on the digital display backlight. Leave open for a 24-volt system.

12V BK LT

Pin 14 (White - 20ga): 24V Backlight Control Line 3'

Backlight control line. Connects to 24-volt bus. 24 volts turn on the digital display backlight. Connect to ground for 12-volt system.

24V BK LT

Pin 7 (Red - 20ga): LED Control Dimming Line 3'

Connects to panel light rheostat. 12- or 24- volts dim the display mode LEDs. Insert the VI-1K in series with this line for a 24-volt system.

DIMM