

Gauge Installation:

1. Select the desired mounting location of the instrument.
2. Mount the gauge and secure with the included hardware. Tighten mounting nuts using 7mm or 9/32 wrench to 7inch lbs (finger tight plus ¼ turn).

Wiring the Gauge:

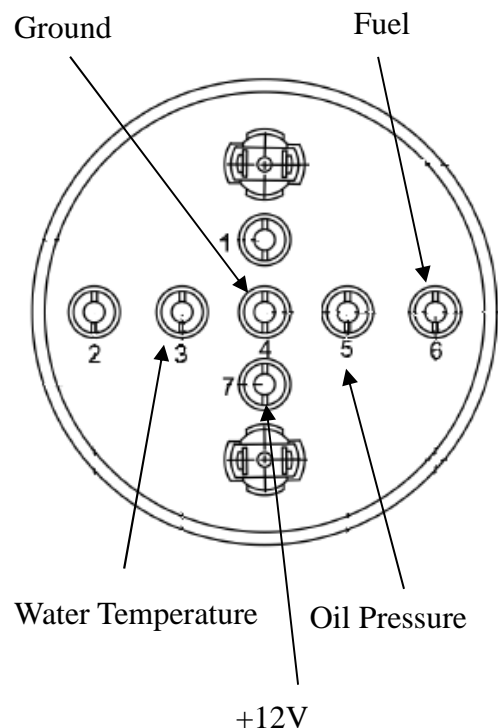
1. Route wires from the instrument to
 - (a) Battery (+) switched power after the fuse box or user supplied in line fuse (5 amp, fast blow) to terminal 7
 - (b) Light switch after the fuse box, or user supplied in line fuse (1 amp) and switch to light bulbs
 - (c) Ground location not shared with other electronics (such as battery negative terminal or direct to ground bus bar or chassis) to terminal 4 and light bulbs.
 - (d) Route the sender signal wires to the gauge connections (terminals 3,5,6). Note: The voltmeter does not have a dedicated input terminal and will use the voltage coming to the gauge on Terminal 7 as the source.

Terminal	Description
1	No Connection
2	No Connection, mounting bracket attachment only
3	Temperature
4	Ground -12V
5	Oil Pressure
6	Fuel & mounting bracket attachment
7	Switched Battery +12V
	See page 2 for wire colors used in most factory OEM harnesses

Merchandise warranted against defects in factory workmanship and materials for a period of 24 months after purchase. This warranty applies to the first retail purchaser and covers only those products exposed to normal use or service. Provisions of this warranty shall not apply to a VDO product used for a purpose for which it is not designed, or which has been altered in any way that would be detrimental to the performance or life of the products, or misapplication, misuse, negligence or accident. On any VDO part or VDO product found to be defective after examination by manufacturer, manufacturer will only repair or replace the merchandise through the original selling dealer. Manufacturer assumes no responsibility for diagnosis, removal and/or installation labor, loss of vehicle use, loss of time, inconvenience or any other consequential expenses. The warranties herein are in lieu of any other expressed or implied warranties, including any implied warranty or merchantability of fitness, and any other obligation on the part of manufacturer, or selling dealer.

Read these instructions thoroughly before installation. Do not deviate from assembly or wiring diagram. Always disconnect battery ground before making any electrical connections.

Parts List		
Item	Description	Qty
1	85mm Gauge	1
2	Clamp and hardware	1
3	Instruction Sheet	1



Allentare 4 in 1 Quad Gauge

Tech Support 1-800-265-1818
<http://usa.vdo.com>

Instruction Sheet # 2910000939000

Rev 06-2018

ABYC Wire Color Standards

COLOR	ITEM	USE
Black	Ground	Negative / Neutral Main Return
Blue-Stripe	Tilt up and or trim out	Tilt and or trim circuits
Brown	Alternator Charge Light	Generator Terminal or Alternator Auxiliary Terminal to Regulator
	Generator Armature Pumps	Generator Armature to Regulator Circuit Breaker or Switch to Pumps
Brown w/Yellow	Bilge Blowers	Circuit Breaker or Switch to Blower
Dark Blue	Cabin & Instrument	Circuit Breaker or Switch to Lights
Green or Green w/Yellow Stripe	Bonding System	Grounding Wires (if insulated)
Green Stripe	Tilt down and/or trim in	Tilt and or trim circuits
Grey	Navigation Lights	Circuit Breaker or Switch to Lights
	Tachometer	Tachometer Sender to Gauge
Lt. Blue	Oil Pressure	Oil Pressure Sender to Gauge
Orange	Accessory Feed	Ammeter to Alternator or Generator
	Common Feed	Distribution Panel to Accessory Switch
Pink	Feed	Accessory Circuit Breakers or Switches
	Fuel Gauge	Fuel Gauge Sender to Gauge
Purple	Ignition	Ignition Switch to Coil & Electrical Instrument
	Instrument Feed	Distribution Panel Electrical Instruments
Red	Instrument Feed	Distribution Panel to Electrical Instruments
	Power Feeds	Positive Main Power (particularly unfused)
Tan	Water temperature	Water temperature sender to gauge
Yellow	Generator Field	Generator to Regulator Field Terminal
	Ground	Negative / Neutral Main Return
Yellow w/Red	Starting Circuit	Starting Switch to Solenoid