

Swichgage® Diagnostic Panel Kits For Cummins B and C-Series Engines

CMNS-97077B
Revised 04-06
Catalog Section 30
(00-02-0085)



W0162 and W0163

- Includes Swichgage Instruments for Critical Engine Protection
- Complete and Ready to Install
- Provision for Throttle Cable
- Fits B and C-Series Open or Closed Power Units

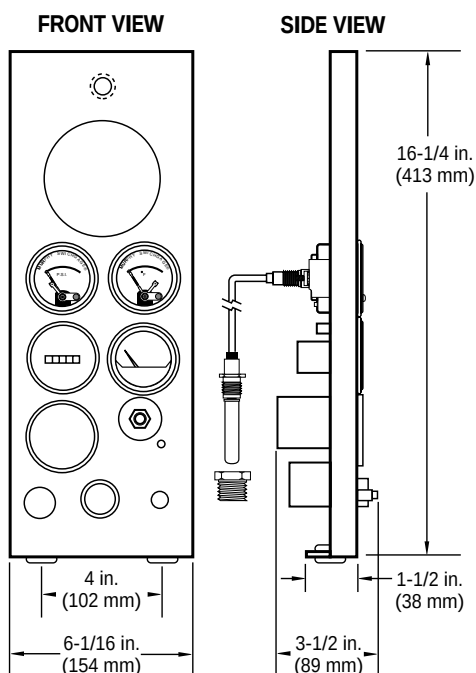
Description

Designed specifically for Cummins B and C-Series engines, these kits are complete with all components ready for installation. The kit will mount directly to Cummins supplied mounting bracket part no. EG-9907 (4B/T/TA3.9-P) or EG-9904 (6B/T/TA5.9-P). See p-2. These kits include our exclusive SWICHGAGE®s for basic engine protection. A Closed-loop protective circuit is provided by Murphy 518PH magnetic switch to ensure proper operation at all times.

Features

- Unitized kit with all components
- Shock mounted panel fully assembled
- Closed-loop circuit
- Provision for additional Swichgage instruments, such as irrigation pump pressure
- Provision for tachometer and throttle cable
- Complete wiring harness allows easy installation

Dimensions (Dimensions below are for both kits)



Kit Includes

- Oil pressure Swichgage instruments
- Coolant temperature Swichgage instruments
- Voltmeter
- Hourmeter
- Emergency stop push button
- Key or push button start (specify)
- Face mounted fuse
- Starter auxiliary solenoid kit (complete)
- Necessary bolts, nuts, etc. for complete kit mounting

How to Order: *Order by model number.*

W0162: Includes an ignition key start

W0163: Includes push button start.

(Optional) DHK: Deluxe oil pressure line assembly

Warranty

A limited warranty on materials and workmanship is given with this FW Murphy product. A copy of the warranty may be viewed or printed by going to www.fwmurphy.com/support/warranty.htm





- ✓ Disconnect all electrical power to the machine.
- ✓ Make sure the machine cannot operate during installation.
- ✓ Follow all safety warnings of the machine manufacturer.
- ✓ Read and follow all installation instructions.

Open Power Unit

- 10.** Mount starter solenoid (auxiliary magnetic switch) to bracket 30050670 and mount assembly to engine below starter.

- ## Closed Power Unit

- 5.** Follow steps 7 through 19 for open power units.

Typical Wiring Diagram (all models)



1. _____ MURPHY WIRING.
2. ----- CUSTOMER WIRING.

3. TACH (SIG) WIRE IS INCLUDED IN WIRE HARNESS. MURPHY END OF WIRE WILL BE ATTACHED IF TACH IS REQUESTED BY CUSTOMER.
4. ALTERNATE METHODS OF SUPPLYING SPEED SIGNAL TO THE TACH OR TACH/HOURMETER (MAGNETIC PICKUP OR ALTERNATOR) ARE SHOWN. SELECT APPROPRIATE CIRCUIT AND WIRE ACCORDINGLY.



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