

# Installation Instructions for Off-Equipment Mounting Kit #30000213 of Gear Oil Pressure Sender

EGPK-95083N  
Revised 11-01  
Section 70  
(00-02-0212)



## WARNING

### BEFORE BEGINNING INSTALLATION OF THIS MURPHY PRODUCT

- ✓ 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.



**CAUTION:** This sender may be damaged by high frequency vibration and/or high pressure spikes. Mounting should be off equipment and isolated through the shock mounts or other suitable methods.

### Included in the 30000213 kit are the following:

- 1 ea. 30050782 Stainless steel panel
- 2 ea. 65000149 shock mounts
- 2 ea. PD2160 pressure snubber
- 1 ea. EGPK-95083N installation sheet

**NOTE:** Customer supplies a suitable pressure hose assembly and fitting for connection into the gear pressure port. Murphy can supply the hose and fitting upon request. Specify thread size for gear pressure port and length of hose.

**NOTE:** The pressure hose must be capable of withstanding the high pressure surges associated with operation of the gear. Use of reinforced hose with crimped-on fittings is recommended.

**NOTE:** The pressure hose must NOT have a droop (low spot) in its mounting. Water and sludge will collect in the droop and prevent the pressure sender from operating.

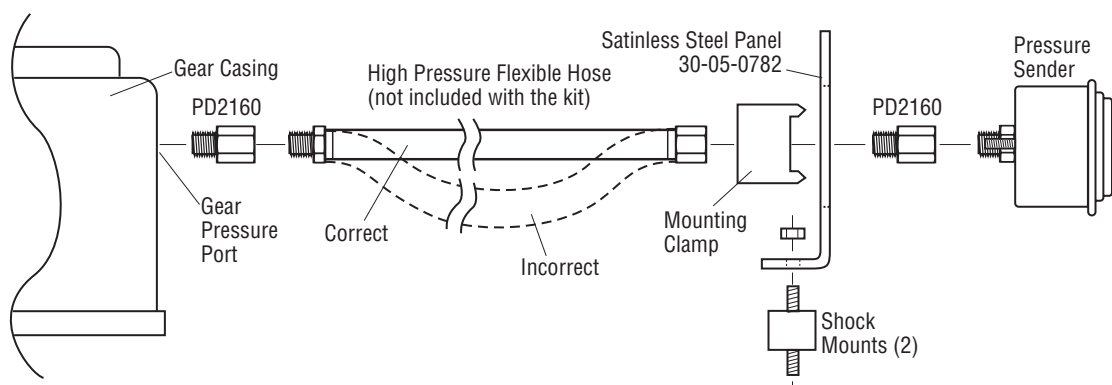
**NOTE:** Use of Teflon tape or non hardening thread sealant is recommended.



**CAUTION:** Do not foul the pressure orifices with tape or sealant.

### Refer to diagram below.

1. Install the two (2) shock mounts onto the panel 30050782 and secure with the 1/4-20 nuts provided. Mount panel off equipment, if possible, and in a convenient location.
2. Install one PD2160 pressure snubber directly into the gear pressure port and one onto the 1/8-27 NPT female end of the customer supplied fitting. Fittings of various sizes are available from Murphy.
3. Install the customer supplied pressure hose onto the 1/8-27 NPT ends of the PD2160 pulsation snubbers.
4. Complete wiring according to instructions provided with the pressure sender.



**FW Murphy**  
P.O. Box 470248  
Tulsa, Oklahoma 74147 USA  
+1 918 317 4100  
fax +1 918 317 4266  
e-mail sales@fwmurphy.com  
www.fwmurphy.com

**CONTROL SYSTEMS & SERVICES DIVISION**  
P.O. Box 1819; Rosenberg, Texas 77471; USA  
+1 281 633 4500 fax +1 281 633 4588  
e-mail sales@fwmurphy.com

**MURPHY DE MEXICO, S.A. DE C.V.**  
Blvd. Antonio Rocha Cordero 300, Fracción del Aguaje  
San Luis Potosí, S.L.P.; México 78384  
+52 444 8206264 fax +52 444 8206336  
Villahermosa Office +52 993 3162117  
e-mail ventas@murphymex.com.mx  
www.murphymex.com.mx

**FRANK W. MURPHY, LTD.**  
Church Rd.; Laverstock, Salisbury SP1 1QZ; U.K.  
+44 1722 410055 fax +44 1722 410088  
e-mail sales@fwmurphy.co.uk  
www.fwmurphy.co.uk

**MURPHY SWITCH OF CALIFORNIA**  
41343 12th Street West  
Palmdale, California 93551-1442; USA  
+1 661 272 4700 fax +1 661 947 7570  
e-mail sales@murphyswitch.com  
www.murphyswitch.com

**MACQUARRIE CORPORATION**  
1620 Hume Highway  
Campbellfield, Vic 3061; Australia  
+61 3 9358 5555 fax +61 3 9358 5558  
e-mail murphy@macquarrie.com.au



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