



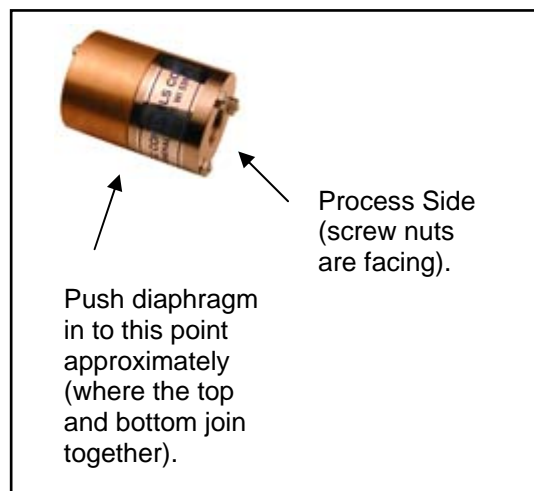
GAUGE PROTECTOR Gauge Protector without gauge installed	PROTECTOR-I-0603
	Mar. 2006
ASSEMBLY AND OPERATION INSTRUCTIONS	SHEET 1 OF 1

Instructions for mounting gauge on Gauge Protector.

1. The gauge side is the side with the screw heads on it. The process side is the side with the nuts on it.
2. Remove the nipple from process side if one came with the unit.
3. Push the diaphragm up from the process side of the Protector. The middle of the diaphragm should be pushed up so it is about 1" from the bottom of the process side of the Protector.
4. Fill the gauge side of the protector with oil. We use hydraulic oil 32. Operating temperature of the Gauge Protector should be considered when determining what oil to use. Thicker oil may cause the gauge to respond slower in colder temperatures. Nearly any type of oil could be used. Detergents in oil may cause the diaphragm to fail.
5. Make sure the diaphragm is still pushed up.
6. Put pipe dope on the gauge and screw it onto the gauge side of the Protector.
7. Tighten by putting one wrench on the nipple and the other on the gauge.
8. Install the assembly as you would a regular gauge.

Please note: When ordering a gauge protector with a gauge mounted on it we cycle the gauges to remove the air from the gauge. When installing your own gauge on a Gauge Protector, cycling won't be possible so the gauge may read slightly less than the actual pressure. Our tests show the gauges reading 59 psi with a pressure of 60 psi applied to the Gauge Protector assembly when the gauges are not cycled. However, they did appear to be consistent and repeatable.

Gauge Protector Gauge Mounting



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