



Maritime Kompetenz

SAILTEC GmbH – Hasselbinnen 28 – 22869 Schenefeld

Manometerinstallation an SAILTEC Hydrauliksystemen

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Gauge Installation Instructions

1. Remove integral from backstay
2. Open Release Valve
3. Fully extend piston rod and close the release valve.
4. Clamp cylinder in vise, gauge up.
Use soft jaws and cloth pads to prevent scratching.
The pump, section where gauge is, should be elevated above cylinder.
5. When in repair position, pump integral a few strokes to clear oil from pump.
6. Remove boot, if there is one, and old gauge. Or remove pipe plug.
Do not allow foreign matter, chips or dirt in the gauge port.
It is essential to keep this area clean and remove all dirt.
7. Prepare replacement gauge or plug.

Place Teflon tape on thread. DO NOT cover the two lead-in threads at the tip.

Place sealant over tape, use LOC-TITE PST # 56747, or an equivalent high quality Sealant.

Again do not cover the two lead-in threads.

Install the gauge. Tighten until very firm. Orient gauge to orient dial.
Usually one or two threads are still exposed.

Over tightening can damage the gauge; recommend the following:

Tighten securely with very firm hand pressure, tighten 1.25 minimum turns with a wrench. This can be up to 2-1/2 turns depending on gauge orientation desired

Allow to set up 24-48 hours. Hang upright during this time.

Do not put pressure on integral during this time.

If glistening leak exists, tighten one more revolution, again not under pressure.

SAILTEC GAUGES HAVE CHANGED

THE BLACK CASED GAUGE IN USE FOR YEARS READ IN POUNDS TENSION.
THE NEW ABS PLASTIC CASED GAUGE READS IN PSI

THE CONVERSION CHART

# tension	psi	# tension	psi	
--10	1000		1000	1 : 1
--12	1300	1000		1.3 : 1
--17	1760		1000	1.76 : 1
--22	2200		1000	2.20 : 1

IF YOU ARE REPLACING THE ORIGINAL "BLACK" GAUGE, THIS GAUGE WILL READ A LOWER NUMBER THAN IT READ IN POUNDS.

FOR EXAMPLE, IF YOUR -17 GAUGE READS 1000, THAT'S EQUIVALENT TO OLD GAUGE READING 1760 POUNDS.