

HOW TO CALIBRATE "EZ-DIAL" REGULATOR

1. **DO NOT ATTEMPT TO CALIBRATE UNIT UNTIL ALL EIGHT SEALS HAVE BEEN PROPERLY LUBRICATED.**
2. **TO RECALIBRATE "EZ-DIAL" REGULATOR:**
 - A. **INSTALL** regulator on air line with at least 110 psig (7,5 bar) air pressure at the inlet port.
 - B. **INSTALL** an air pressure gauge to one of the gauge ports. Plug remaining gauge port with plug (supplied).
 - C. **REMOVE** lock button (Figure A, Item 14) from unit.
 - D. **TURN** adjusting knob to 100 psi (7 bar) setting.
 - ** E. **CHECK** the gauge for 100 psig (7 bar) reading. If gauge reads other than 100 psig (7 bar) adjust screw "A" (Fig. B) with a screwdriver while holding adjusting knob on 100 psi (7 bar) setting. If more than one-half turn of screw "A" is required to achieve 100 psig (7 bar), see "G" below.
 - F. **TO CHECK CALIBRATION ADJUSTMENT:** when dial and gauge are reading the same (100 psig \pm 2 psig; 7 bar \pm 0,14 bar), turn adjusting knob to 20 psi (1,4 bar). Unit is calibrated when gauge reads 20 psig \pm 5 psig (1,4 bar \pm 0,34). (The \pm 2 psig and \pm 5 psig are accepted tolerances of the most commonly used gauges.)
 - G. **DO NOT** adjust screw "A" more than one-half turn when calibrating unit. If unit has been properly lubricated and more than one-half turn is required to calibrate it, additional problems with unit are involved and unit should be returned to the vendor.

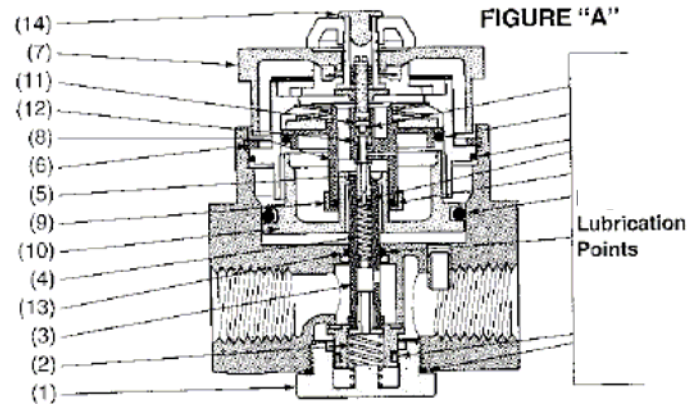
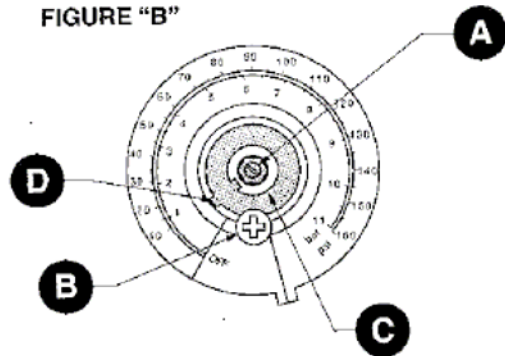


FIGURE "B"



- A** CALIBRATION ADJUSTMENT SCREW
VIS DE RÉGLAGE DE LA CALIBRATION
EICHUNGSEINSTELLSCHRAUBE
VITE DI REGOLAZIONE DELLA TARATURA
TORNILLO DE AJUSTE DE CALIBRACIÓN
- B** DIAL SCREW
VIS DU CADRAN
SKALENSCHRAUBE
VITE DEL QUADRANTE
TORNILLO DEL CUADRANTE
- C** ADJUSTMENT COUPLING
ASSEMBLAGE DE LA SOUPAPE
VENTILAUFBAU
ACCOPPIAMENTO DI REGOLAZIONE
CUERPO DE LA VÁLVULA
- D** TIP
EMBOUT
SPITZE
ESTREMITÀ
LENGÜETA

**** If you wish for NIST tracable calibration you must use a NIST certified gauge.**