

E BE 148-4 Installation Directions

Handle the gauge with care. Dropping or jarring the gauge will damage it.

1. Prior to installation, **at least two layers of teflon tape MUST** be applied to threads. (Figure 7)
2. Screw **Vacuum/Pressure Gauge** into **BE 148-4 Adapter** and **HAND TIGHTEN**. (Figure 8)

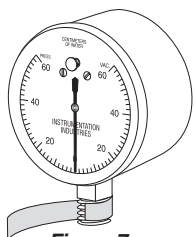


Figure 7

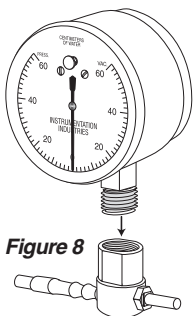


Figure 8

3. Place a 9/16" or adjustable wrench on the **square fitting** next to the gauge case and a 3/4" or adjustable wrench on the **wrench flats** of the **BE 148-4 Adapter**. (Figure 9)

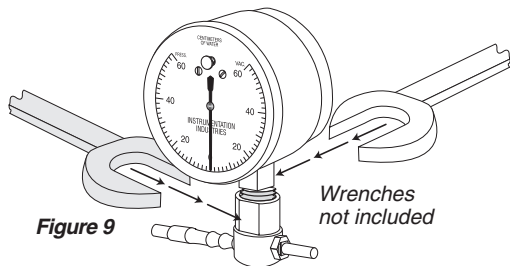


Figure 9

Wrenches
not included

4. To finish tightening, turn top wrench clockwise while holding bottom wrench steady. (Figure 10)

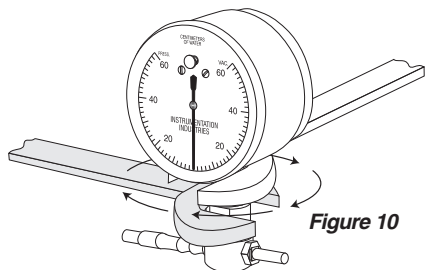


Figure 10

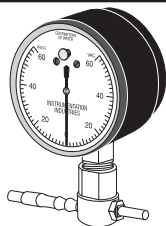
Notes:

- **ALWAYS** use 2 wrenches to tighten a **Vacuum/ Pressure Gauge** with a **1/4" NPT fitting** into position.
- **NEVER** apply force on the gauge case to tighten into position.

F Cleaning Recommendations

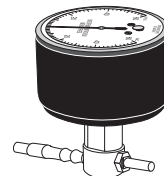
1. **DO NOT** immerse gauge in any liquid.
2. **Gauge Case Cleaning**
Wipe exterior of the gauge case with bactericidal or virucidal wipe.
3. **Gauge Crystal Cleaning**
DO NOT use alcohol or a solution containing phenols on crystal. Gently wipe crystal with bactericidal or virucidal wipe.

G Product Specifications



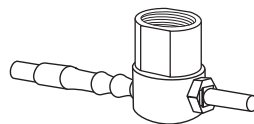
NS 60-TBS-CP
Cuff Pressure Monitor

Gauge:	Bottom Mount 1/4" NPT Gauge
Marks:	Reads ± 60cm H ₂ O in 2 cm markings
Adapter:	BE 148-4
Packaged:	Individually



NS 60-TRS-CP
Cuff Pressure Monitor

Gauge:	Rear Mount 1/4" NPT Gauge
Marks:	Reads ± 60cm H ₂ O in 2 cm markings
Adapter:	BE 148-4
Packaged:	Individually



BE 148-4
Cuff Pressure Monitor Adapter

Gauges:	Fits all 1/4" NPT Gauges
Material:	Anodized Aluminum
Packaged:	Individually

Available:

NS-SC
Smooth Crystal

Replacement for all
NS Series
Vacuum/Pressure Gauges
used in Cuff Pressure
Monitors

Visit iiimedical.com/symbols.pdf
for the Glossary of Symbols used in
Instrumentation Industries, Inc. labeling.



Instrumentation
Industries, Inc.

2990 Industrial Blvd. • Bethel Park, PA 15102
US Toll Free: 1-800-633-8577
Business: 1-412-854-1133
US Toll Free Fax: 1-877-633-8661
Fax: 1-412-854-5668
E-mail: sales@iiimedical.com
www.iiimedical.com



Instrumentation
Industries, Inc.

Cuff Pressure Monitors

*Installation &
Usage Directions*

NS 60-TBS-CP
NS 60-TRS-CP
BE 148-4



Reusable



— Not made with Natural Rubber Latex
— Not made with Di(2-ethylhexyl) phthalate (DEHP)

A Indications for Use

During ventilation, the NS Series Cuff Pressure Monitors are devices used to periodically monitor endotracheal or tracheostomy tube balloon cuff pressure to assure an adequate seal between the tube and the tracheal wall.

B Contraindications

None known.

D Directions for Use

1. Verify that the **Needle** is set to zero. Re-zero if necessary. (see section C above)
2. Insert Cuff Pressure Monitor Adapter **Pilot Line Connection** into Endotracheal/Tracheostomy Tube **Pilot Line Valve**. (Figure 4)
3. The **Gauge** on the **Cuff Pressure Monitor** will register the cuff pressure.
Note: Due to the inherent dead space of the **Cuff Pressure Adapter**, the **Cuff Pressure** will decrease when the monitor is initially connected.
4. If **pressure reading is not optimal cuff pressure**, insert a **10cc Syringe** into **Cuff Pressure Monitor Adapter Valve**. (Figure 5)
5. On **10cc Syringe**, gently **depress Plunger** to inflate cuff or **retract Plunger** to deflate cuff until desired cuff pressure is attained. (Figure 6)
6. Remove syringe when desired cuff pressure is achieved.
7. Remove **Cuff Pressure Monitor** from **Pilot Tube Connection**.

Figure 4

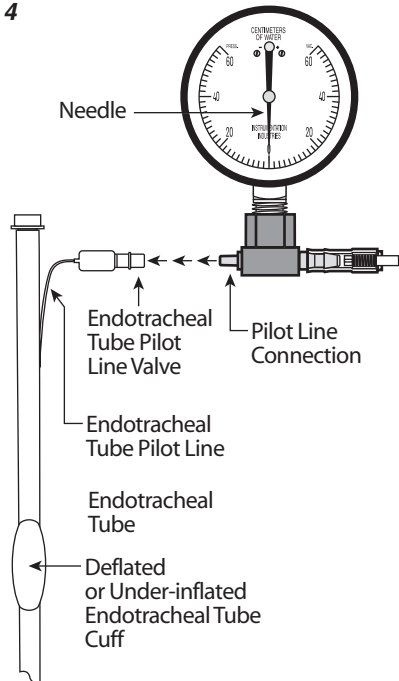


Figure 5

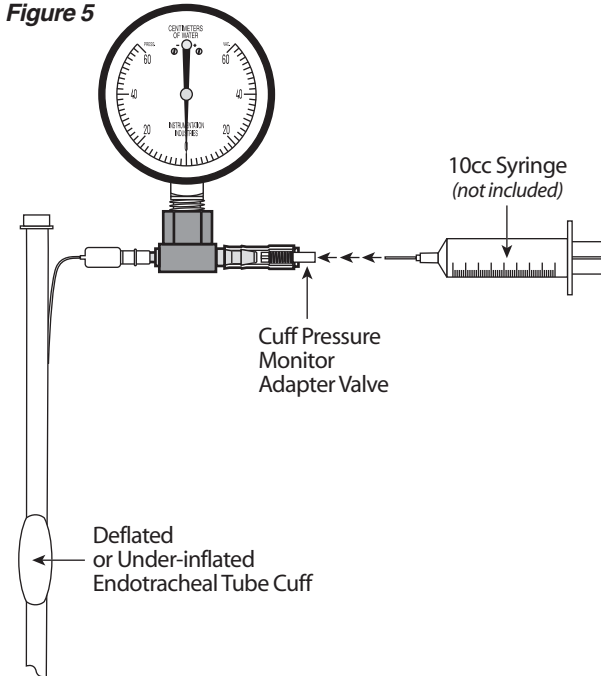
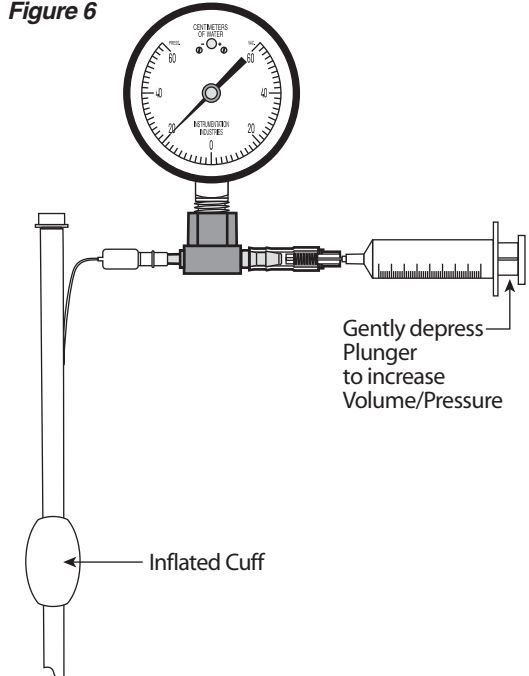


Figure 6

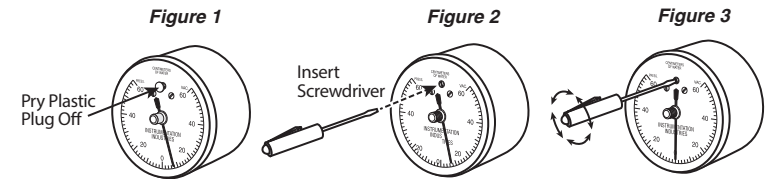


All illustrations are examples.

C How to "Re-Zero" a Vacuum/Pressure Gauge

If the **Needle** has moved away from zero, it can be re-zeroed.

1. Carefully remove **Plastic Plug** from the crystal. (Figure 1)
2. Insert a screwdriver blade into the set screw located at the 12:00 position. (Figure 2)
3. Turn the screw in the direction that allows the **Needle** to move the shortest distance back to zero. (Figure 3)
4. Replace the **Plastic Plug**.



Note: Under no circumstances should you attempt to move the **Needle** more than 180°. The internal workings of the gauge will be destroyed.