

Assembling and installing Bearing Glove® onto equipment

The Bearing Glove® surrounds a 2-bolt bearing (typically a ball bearing) with 360° of protection from solid contaminants including:

- Abrasives
- Bulk solids
- Powders

The EDT Bearing Glove® is designed to be a self-sufficient installation. The Glove® completely encases the bearing to provide a contaminant-free area of operation around the shaft and bearing. Figure 18-1 shows the three piece assembly of:

- Cover
- Any brand of 2-bolt flange bearing
- Base with seal

The Glove® cover has a built-in tab that snaps over a notch in the base. However, in some applications the tab may not keep the pieces together as securely as required. Some additional assembly options are shown below. Choose the one that best fits your specific application.



Fig 18-1

Assembly option #1

Step 1: Bolt bearing and Glove® base to machine frame. Note slot direction on base (see Fig 18-2).

Step 2: Snap Glove® cover over bearing assembly (see Fig 18-2).

Step 3: Some Glove® sizes use push-in fasteners that are supplied.

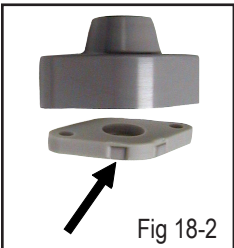


Fig 18-2

Assembly option #2

Step 1: Assemble Glove® and bearing as in Option 1.

Step 2: Drill a small hole through the wall of the Glove® cover and into the edge of the base (see Fig 18-3).

Step 3: Install self-tapping screw to secure. Use as many screws as you feel are required for your application.

The Glove® is not intended for on/off bearing coverage. Installations that require frequent access to the insert should consider bearing caps.

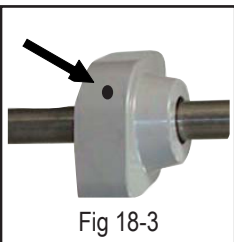


Fig 18-3

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Bearing Glove® (Continued)

Assembly option #3 Hardware specifications for different sizes of The Glove®

- Step 1:** Mark and drill bolt hole in Glove® cover using colored base as a template.
- Step 2:** Assemble bearing and Glove® base to frame with All-Thread. Pack grease into bottom of bearing cavity for additional sealing if required (see Fig 19-1). Use optional rubber washers for sealing as required.
- Step 3:** Optional - Fill Glove® cavity with grease if additional sealing protection is required.
- Step 4:** Slip Glove® over bearing and Glove® base assembly, then apply washers and nuts. Tighten nuts until snug, but do not over tighten as this will cause distortion of the Glove®. Use optional rubber washers for sealing as required.
- Step 5:** Optional - Grease fitting can be installed in Glove® to assist in filling cavity if required.

	Qty	C Glove® (205 ring)	F Glove® (208 ring)	H Glove® (210 ring)
ss all-thread	2 ea	7/16" x 2-1/4" long	1/2" X 3" long	1/2" x 3-1/2" long
Drill holes		15/32"	17/32"	17/32"
ss hex nuts	6 ea	7/16"	1/2"	1/2"
ss flat washer	6 ea	7/16"	1/2"	1/2"
Option if packing with grease to keep out liquid contaminants		<ul style="list-style-type: none"> ▪ Add 4 each rubber flat washers. ▪ Drill cover to accept grease fitting. (Take the fitting off the 2-bolt bearing and screw it into the cover.) 		

