

APPLICATION PROCEDURE & SAFETY CONSIDERATIONS **PREFORMED** LINE PRODUCTS

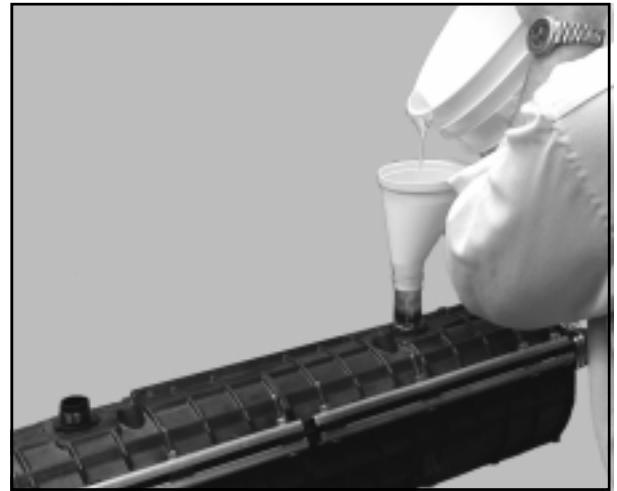
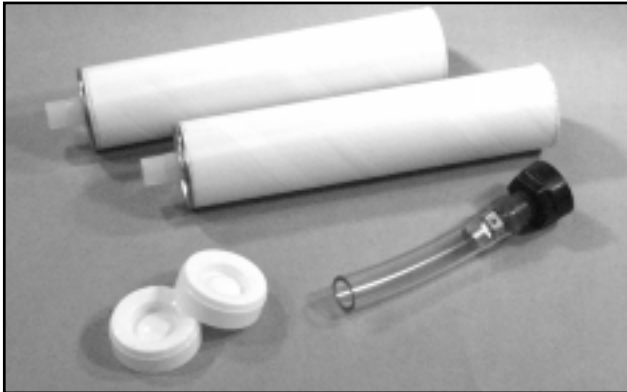


JULY 2003

Encapsulation Pressure Injection Kit

for Filling Flange ARMADILLO® Closure & ARMADILLO® Stainless

Be sure to read and completely understand this procedure before applying product. Be sure to select the proper PREFORMED™ product before installation.



1.00 NOMENCLATURE

- 1.01 Each Kit contains:
1. 12 psi Pressure Relief Valve with Relief Tube
 2. Caulking Type Tube (two)
 3. Plunger (two)

- 1.02 Material needed but not supplied:
- Re-enterable Encapsulant

2.00 ASSEMBLE CLOSURE

- 2.01 Completely assemble and seal ARMADILLO Closure or Stainless per procedures provided with those kits (SP2908 or SP2918).

3.00 GRAVITY FILL CLOSURE

- 3.01 Mix re-enterable encapsulant per manufacturer's recommendations.
- 3.02 Slightly elevate the end of the closure with the Filling Flange.
- 3.03 Remove the caps (ARMADILLO Closure) or plugs (ARMADILLO Stainless) from both the filling flange and the vent port.
- 3.04 Using the funnel provided with the closure kit, carefully fill the closure until the encapsulant is flowing out of the vent port. (Figure 1)

FIGURE 1 - GRAVITY FILL CLOSURE

4.00 PRESSURE ENCAPSULANT

- 4.01 Install the check valve (supplied with the closure kit) into the filling flange and screw on one of the caulking type tubes to the check valve. (Figure 2)

NOTE: For ARMADILLO Closures the check valve is factory installed in a Universal Cap. For the ARMA-DILLO Stainless, first install the Bushing, then the Check Valve.

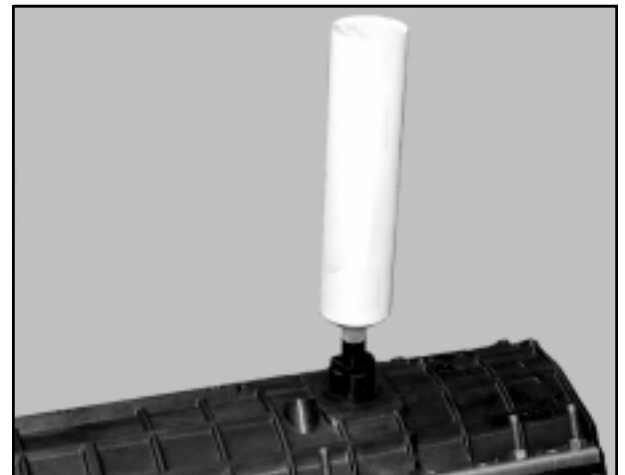


FIGURE 2 - CHECK VALVE AND CAULKING TUBE ON ARMADILLO CLOSURE

4.02 Install the Pressure Relief Valve with Relief Tube into the vent port. (Figure 3)



FIGURE 3 - PRESSURE RELIEF VALVE ON ARMADILLO CLOSURE

4.03 Fill the Caulking Tube with encapsulant and install a plunger and standard caulking gun. (Figure 4)

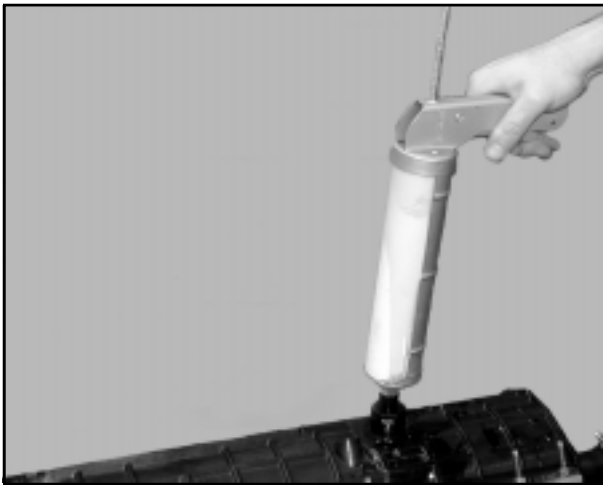


FIGURE 4 - CAULKING TUBES & CAULKING GUN

4.04 Pump the Caulking Gun until the encapsulant comes out of the Relief Valve and slightly up the Relief Tube.

NOTE: If the Relief Valve doesn't activate when the caulking tube is empty, remove the caulking tube and repeat steps 4.01 thru 4.04.

Do not remove the check valve!

4.05 Allow the encapsulant to setup completely before removing the Check Valve and Relief Valve.

4.06 Install blank caps (ARMADILLO Closure) or plugs (ARMADILLO Stainless) on Filling Flange and vent port (these items are supplied with closure kit)

5.00 SAFETY CONSIDERATIONS

- 5.01 This Application Procedure is not intended to supersede any company construction or safety standards. This procedure is offered only to illustrate safe application for the individual. **CAUTION: FAILURE TO FOLLOW THESE PROCEDURES AND RESTRICTIONS MAY RESULT IN PERSONAL INJURY OR DEATH.**
- 5.02 This product is intended for a single (one-time) use and for the specified application. **CAUTION: DO NOT REUSE OR MODIFY THIS PRODUCT UNDER ANY CIRCUMSTANCES.**
- 5.03 This product is intended for use by trained craftspeople only. This product **SHOULD NOT BE USED** by anyone who is not familiar with and trained in the use of it.
- 5.04 When working in the area of energized lines with this product, EXTRA CARE should be taken to prevent accidental electrical contact.
- 5.05 For **PROPER PERFORMANCE AND PERSONAL SAFETY** be sure to select the proper size PREFORMED products before application.
- 5.06 PREFORMED products are precision devices. To insure proper performance, they should be stored in cartons under cover and handled carefully.

PREFORMED LINE PRODUCTS 

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