

**Notes:** 1. The complete assembly weighs about 17.5 lbs (7.9 kg).  
2. Before starting, see separate operating instructions for the Model 800 Packers, and Model 407 Bladder Pumps or Model 408 Double Valve Pumps.

### Tools and Materials Needed

1. Packer to Pump Adaptor Assembly  
- 3.9" Packer to 1.66" Pump (#110097), includes:
  - Pump to Packer Adaptor (#110096)
  - Packer to Filter Retainer Adaptor (#110095)
2. PTFE tape or equivalent
3. Model 407 1.66" x 2 ft. SS Bladder Pump (#106138)  
or Model 408 1.66" x 2 ft. SS Double Valve Pump (#106082)
4. Model 800 3.9" x 3 ft. Single Point Packer (#107969)
5. Solinst Model 103 Tag Line

**Note:** New Packers come with Centralizers, Bushings, and a Base Plug – these are not to be used with this assembly.

### Instructions

1. Unscrew the Filter Retainer from the Bottom Platen of the Pump. Be careful not to lose the Check Ball.
2. Add PTFE tape (or equivalent) to all male threads (i.e. Filter Retainer, 1" NPTM threading at both ends of the Packer, and the Pump to Packer Adaptor).
3. Place the Check Ball on top of the Filter Retainer, and thread the assembly into the Packer to Filter Retainer Adaptor.
4. Thread the Packer to Filter Retainer Adaptor onto the bottom of the Packer.
5. Thread the Pump to Packer Adaptor into the Bottom Platen.
6. Connect the inflation line to the top of the Packer.
7. Attach a lowering cable (Solinst Model 103 Tag Line) to the top of the Packer.
8. Thread the Pump to Packer Adaptor onto the top of the Packer.
9. Connect the Pump Drive and Sample Lines.
10. Lower the assembly into place.

