



SERVICE

TYPE: INSTRUCTIONS FOR REPLACING
EXPANSION TANK BLADDER

MODELS: ZELA 35 TO ZELA 800;
ZTXA-35 TO ZTXA-800;
ZHXA ALL MODELS

Date: 10/2020

BLADDER REMOVAL

Tank Preparation

- Disconnect tank from piping system.
- Remove any air from the air charge valve
- Lay tank on its side if possible
- Remove bottom elbow; remove jam nut around threaded connection; push threaded connection into tank
- Remove tank top cover; pull bladder flange out of tank; remove bladder
- Push threaded connector down into bladder and remove
- Inspect connector and inside of tank

INSPECT INTERIOR

Use Strong Trouble Light to Verify

- No sharp or rough edges
- No weld pinholes on openings or seams
- No dirt or foreign debris (remove if found)

BLADDER INSTALLATION

Preparation

- Check replacement bladder for defects
- Lay bladder with collar neck facing floor
- Roll bladder from both sides
- Drop threaded connector into bladder and insert into bottom opening
- Carefully stand up tank upright
- Layout bladder and roll before inserting
- Guide bladder into tank
- Pull threaded connector through and screw on jam nut
- Carefully lay the tank on its side once more
- Tighten jam nut with pipe wrench to approximately hand tight +/- 3/4 turn
- Wrap threaded connector with teflon tape, apply pipe sealant and attach elbow
- Inspect and make sure bladder is not twisted
- Install top cover evenly, tightening in a star pattern
- Return tank to vertical orientation
- Screw valve core and precharge tank to minimum system pressure
- Verify pressure and screw cap onto valve

Pre-charge

- Pre-charge to required system pressure
- Test for leaks at bottom threaded connection, top air-side connection and top cover using soapy water