

Title:	Husky XP Transducer Troubleshooting			
Number:	SB_792	Release Date:	06/30/2026	
Revision Number:	Not Applicable	Revision Date:	Not Applicable	
Chassis Type:	All Chassis			
Component Description:	Husky XP transducer			
Parts:	Existing Transducer: Transducer,XP,FSC,Bellows (PN 3594489) Replacement Transducer (if needed): Transducer,XP,300PSI (PN 5027449)			

This is a Service Bulletin. Parts and labor associated with the information outlined in this bulletin are listed for informational purposes only and are not covered under warranty. Parts associated with this information can be purchased through the local dealer network.

Subject:

Husky XP pressure transducer troubleshooting procedure for transducer-related performance concerns.

Purpose:

Recent field experience has identified that the bellows assembly incorporated into pressure transducer PN 3594489 may contribute to performance concerns within the Husky XP foam system. An updated transducer, PN 5027449, has been released which utilizes the same base transducer design without the bellows assembly. This bulletin provides the approved troubleshooting and repair process to be used when directed by Pierce Technical Support.

Procedure:

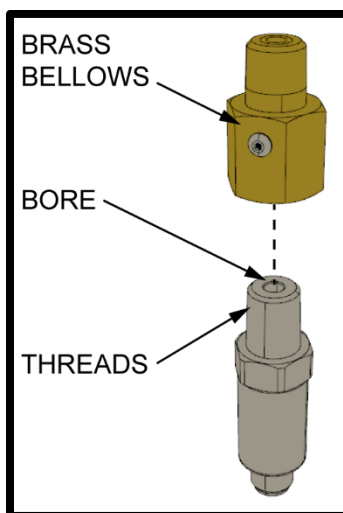
IMPORTANT: This procedure is to be performed only after a Technical Support incident has been created and a Pierce Technical Support representative has determined that transducer troubleshooting is required.

Transducer Performance Symptoms

The following symptoms may be indicators that your pressure transducer needs to be modified or replaced:

- Phantom pressure reading on the displays - PSI and GPM when the pump has no water in it and is not engaged
- Flowmeter not functioning properly when flowing water
- Foam system fails to balance correctly or operate at all while in auto mode

Step 1 - Modify Existing Transducer



Before replacing the transducer, attempt the following corrective action using the existing transducer (PN 3594489):

1. Remove the pressure transducer from the Husky XP foam system.
2. Remove the brass bellows assembly from the transducer.
3. Flush the internal bore of the transducer using brake cleaner or equivalent solvent cleaner.
4. Allow the transducer to dry completely.
5. Remove any remaining red thread locker from the NPT threads using a wire brush.
6. Reinstall the modified transducer.
7. Return the unit to service and verify proper system operation.

NOTE: If the concern remains after completion of *Step 1 – Modify Existing Transducer*, proceed to *Step 2 – Replace Transducer*.

Step 2 - Replace Transducer

1. Remove the modified transducer.
2. Install pressure transducer (PN 5027449).
3. Verify all fittings and electrical connections are properly installed.
4. Test system operation and confirm the concern has been resolved.

If any additional support is needed, please open a technical support incident on www.pierceparts.com.