


Title:	Pump Value Seal Leaks			
Number:	WB_557	Release Date:	04/16/2021	
Revision Number:	Not Applicable	Revision Date:	Not Applicable	
Chassis Effected:	Not Applicable			
Years Effected:	Not Applicable			
Component Description:	Pump Valves			
Warranty:	Parts and labor hours are NOT covered under the 1-year Basic Apparatus warranty.			
Parts:	Refer to chart below			
Tools:	Not Applicable			

Subject:

Leaking ball valves will **NOT** be covered by the manufacturer or Pierce Manufacturing under warranty if the seal is determined to be the cause of the leak.

Background:

Elkhart Brass and Akron Manufacturing ball-type intake and discharge valves have been submitted for warranty claims due to leaks within the seal of the valve. Neither manufacturer classifies a valve seal leak to be a malfunction of the product and therefore do not consider a seal leak to be a warrantable claim. Seals are often damaged by dirt and sediment getting caught within the seal causing it to leak. This is considered normal wear and tear.

If a leak is occurring, the seal should be serviced. Valve seal replacement information may be found in the Technical Service – Plumbing area available on PierceParts.com or would accompany the replacement kits order from Pierce. Chart below outlines the different kits and parts available for replacement on PierceParts.com:

VCI VALVE KIT PART NUMBERS (Air Operated Valves)

<i>DESCRIPTION</i>	<i>PIERCE P/N</i>	<i>BALL ONLY P/N</i>
1" VALVE SEAL KIT(VCI)	1608755	1608763
1.5" VALVE SEAL KIT (VCI)	1608757	1608764
2" VALVE SEAL KIT(VCI)	1608759	1608765
3 VALVE SEAL KIT(VCI)	1608761	1608766

Akron Electric Valves	<i>PIERCE P/N</i>	<i>PIERCE P/N</i>
<i>DESCRIPTION</i>	<i>Body, Ball, and Seals</i>	<i>Ball and Seal Kit Only</i>
2" electric valve (for preconnects)	1613980	99-2223
2.5" (side discharges)	1613977	99-2224

A flushing procedure should be performed any time after pumping dirty or contaminated water (i.e., drafting) and should be added to a department’s standard maintenance schedule. Please review the IFSTA Pumping Apparatus Driver/Operator handbook and the Pierce Pumper Operator’s manual for information regarding maintenance schedules and flushing operation.