



Technical Bulletin

Place a copy of this bulletin in the front of each Blueprints Manual.
Redline drawings as needed and include a TB reference note.
Reference TB implementation on site Action Item Box-chart and/or
site tool history management log.

Number: 027
Date Issued: 09/10/03
Expiration Date: 09/10/04

Subject/Key Words:	Akrion AT and AP series pump rebuild kits include shuttle end caps for annual PM replacement.			
Classification:	<input checked="" type="checkbox"/> Informational	<input type="checkbox"/> Mandatory	<input type="checkbox"/> Safety Alert	<input checked="" type="checkbox"/> PM Impact
	<input type="checkbox"/> Warranty Impact	<input type="checkbox"/> Purchase Parts	<input type="checkbox"/> No Charge For Parts expires ___ / ___ / ___. Reference this TB# when ordering NC parts.	
Applicable Akrion Procedures:	The pump rebuilding process applies to only those technicians who have been factory trained and certified by White Knight. Otherwise contact Parts Logistics for complete replacement assembly options.			
Parts/Reference Documents:	1. Virtual rebuild instructions for shuttle end-cap disassembly and re-assembly at whiteknightpumps.com . 2. Operations Manual, Section 2 – Description and Troubleshooting, Subsystems write-ups, Pumps, Akrion AT and AP Series Recirculation Pumps.			
Attachments:	none			

Issue: Ceramic shuttles which have top and bottom elbow fittings, may stall after one year of continued use due to normal wear and tear.

Symptoms: Properly maintained and facilitated pump may stall after one year of continued use.

Test/Validate: Ensure the pump has been rebuilt per the annual rebuild schedule, shuttle is properly facilitated, flow path is sealed from air leaks, and shuttles are mounted securely in the upright position.

Solution: Included with the pump rebuild kit are replacement ceramic shuttle end caps to be installed annually along with the pump rebuild parts. Shuttles are to be replaced after three years of use.

If you have technical questions or require more information, please contact Akrion Technical Support Department via e-mail at techsupport@akrion.com. Authorized service personnel can obtain copies of the latest Akrion procedures and controlled documents from the Akrion Document Control department at doccontrol@akrion.com. Customers must direct all inquires to their local Akrion field service representative. (Form QA1656F1AC)