



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: 024
Date Issued: 09/02/03
Expiration Date: 09/02/04

Subject/Key Words:	Mini environment door request latch mechanism may not pop open/ajar door			
Classification:	<input checked="" type="checkbox"/> Informational	<input type="checkbox"/> Mandatory	<input type="checkbox"/> Safety Alert	<input 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:	none			
Parts/Reference Documents:	none			
Attachments:	none			

Issue: Mini environments (ME) equipped with a door latch (interlock) feature may not pop the door open/ajar when the door request button is pressed. If the door is not manually opened in several seconds, the door request open time expires, and problems can occur. For example, the wafer transfer unit may lock-up and not load/unload product, or it may move to a position that does not allow the equipment operator to access the load/unload area.

Symptoms: Load/unload door does not pop open/ajar after actuating the door request button. Wafer transfer such as Faith is not in the clear path position to the bench robot side.

Test/Validate: Press door request button to determine if the system properly pops open the door. Confirm that the green door unlock lamp indicator is illuminated signifying the door is open.

Solution: Align and secure any misaligned, loose, or sagging doors that may prevent the door from popping open/ajar – retest/validate operation. Until a mechanical solution is provided, a software patch is available. This patch increases the door request open time to 30 seconds – ample time for an equipment operator to physically open the door if it does not pop open on its own. Contact Software Support directly on an as needed basis for this interim resolution. A mechanical solution will to be issued at a later date.

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)