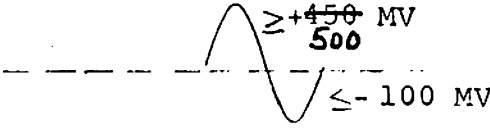


## PERIPHERAL EQUIPMENT DIVISION

<b>TITLE</b> OPTICAL SECTOR TRANSDUCER DETERIORATION				PIB NO DK3018 <b>B</b>		
PRODUCT LINE	TAPE DISK FORMATTER <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	EQUIPMENT CHANGED All Logic PCBAs	MODEL SERIES AFFECTED D3000	EFFECTIVE DATE April 5, 1976		
CLASS OF BULLETIN:		ORDER PART KIT NO.	EFFECTIVITY			
<input type="checkbox"/> IMPROVEMENT <input type="checkbox"/> RETROFIT ON FAILURE <input type="checkbox"/> RETROFIT RECOMMENDED <input checked="" type="checkbox"/> SERVICE INFORMATION ONLY		N/A	All D3000 Disk Drives. PIB DK3018B replaces PIB DK3018A in its entirety. Remove and destroy PIB DK3018A.			
<p><b>PURPOSE</b></p> <p>In an emergency, an upper sector transducer with low amplitude can possibly be revived for an undetermined period of time. Removal of a jumper from the Logic PCBA, effectively doubles the gain of operation amplifier, U425. Reinstallation of the jumper is mandatory when the optical sector transducer (P/N 102685) is replaced. Failure to do so will shorten the life of the amplifier circuitry. Because this "QUICK FIX" is not permanent, replacement of the optical transducer assembly (P/N 102685) is recommended as soon as possible.</p> <p><b>SYMPTOMS</b></p> <ul style="list-style-type: none"> <li>• Unexplainable controller time outs</li> <li>• Missing sector pulses</li> <li>• Intermittent sector errors</li> <li>• Low amplitude at Logic PCBA test point E2 (reference Figure 1)</li> </ul> <div style="text-align: center; margin: 10px 0;">  </div> <p style="text-align: center;"><b>FIGURE 1 - (MINIMUM ACCEPTANCE LEVEL)</b></p> <p><b>PARTS</b></p> <p>None</p> <p><b>TOOLS</b></p> <p>No special tools required</p> <p><b>REWORK INSTRUCTIONS</b></p> <ol style="list-style-type: none"> <li>1. Remove W19 if standard PERTEC Logic PCBA or W20 if DIABLO Compatible.</li> <li>2. Place parts order for optical sector transducer assembly (P/N 102685).</li> </ol> <p><b>TEST PROCEDURE</b></p> <p>None</p> <p><b>DRAWING CHANGES</b></p> <p>None</p> <p><b>TIME REQUIRED</b></p> <p>One half hour</p>						

Additional Information Be Required — Contact

DISTRIBUTION CODE - 6318

**PERTEC**

PERIPHERAL EQUIPMENT DIVISION  
 9600 Irondale Avenue, Chatsworth, California 91311  
 Phone (213) 882-0030 / TWX (910) 494-2093  
 ATTENTION: PRODUCT SUPPORT MANAGER

PERTEC 20-K012C(1)