

## PERIPHERAL EQUIPMENT DIVISION

TITLE D3000 BASE CASTING CHANGE FOR POSITIONER LAMP			PIB NO. DK3040		
PRODUCT LINE:	TAPE DISK FORMATTER X	EQUIPMENT CHANGED D3000 (100TPI)	MODEL SERIES AFFECTED D3000	EFFECTIVE DATE 5/16/75	
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 100 TPI, D3000's manufactured after S/N 441402000		
<p><b>PURPOSE:</b> Beginning with serial number 441402000 all D3000 disk drives will have an access hole in the base casting for positioner lamp replacement.</p> <p>To replace this assembly on drives manufactured before units 2000, refer to our previously released PIB DK3015 (October 1, 1974).</p> <p>For units 2000 and on, this improvement and accompanying procedure outlined below will simplify positioner lamp assembly removal and replacement and reduce MTTR.</p> <p>Your use of this procedure will probably be infrequent. It is with this understanding that the procedure has been prepared in a fundamental form so that it may be studied carefully before any step-by-step disassembly or reassembly be performed. Feel free to contact your PERTEC Product Support representative for consultation regarding this procedure.</p>					
<p><b>PARTS REQUIRED:</b> One positioner lamp assembly (102887-01)</p>					
<p><b>TOOLS REQUIRED:</b> Complete set of Xcelite hex drivers          1 - Small set of diagonal cutters          1 - 8" Phillips screwdriver          1 - 4" Phillips screwdriver          1 - 10" Phillips screwdriver          1 - 10" Standard flat blade screwdriver          Soldering iron</p>					
<p><b>INSTALLATION PROCEDURE:</b></p> <ol style="list-style-type: none"> <li>1.0 Cut all tie wraps that secure cable bundle for Servo PCBA plugs, J212, J213, and J203.</li> <li>2.0 Cut tie wrap closest to the motor that secures power switch and lamp cable assembly for J501.</li> <li>3.0 Unplug J501.</li> <li>4.0 Remove white cover for motor control board. (Ref D3000 Manual, Page 7-8, Fig 7-4, Item 13, Rev A manual, Item 12, Rev C and above.)</li> </ol>					

Additional Information Be Required — Contact

**PERTEC**

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 ATTENTION: PRODUCT SUPPORT MANAGER  
 PERTEC 20 K012C(1)

Distribution Code - 6318

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<p>5.0 Remove J405 on motor control board along with any remaining tie wraps that may inhibit removing the power supply.</p> <p>6.0 Remove 3 screws that secure belt guard plate.</p> <p>7.0 Remove belt guard plate.</p> <p style="text-align: center;">****NOTE****</p> <p style="text-align: center;"><u>"DO NOT WIPE OFF"</u> STATIC DISCHARGE LUBRICATION FOR SPINDLE.</p>	
<p>8.0 Remove 8 or 9 screws from underside of unit that hold power supply.</p> <p>9.0 Lower or remove power supply enough to remove lamp assembly.</p> <p>10.0 Remove the red plastic Contamination Cap. Lamp assembly is now exposed.</p> <p>11.0 Unsolder gray and white wires for lamp terminals.</p> <p>12.0 Remove old lamp assembly.</p> <p>13.0 Replace and resolder in new assembly.</p> <p style="text-align: center;">****NOTE****</p> <p>Lamp assembly cannot be installed incorrectly. However, the lamp is fragile and care should be exercised when handling.</p>	
<p>14.0 Replace red plastic Contamination Cap.</p> <p>15.0 Reverse power supply removal procedure and re-install power supply.</p> <p style="text-align: center;">****CAUTION****</p> <p>A POWER SUPPLY RECTIFIER MAY HAVE BECOME LOOSE WHILE POWER SUPPLY IS OUT OF UNIT. ENSURE THAT RECTIFIER SCREWS ARE TIGHT AND RECTIFIER ITSELF IS POSITIONED SO THAT THE TERMINAL CLOSEST TO THE BASE CASTING IS NOT SHORTING TO THE CASTING.</p>	
<p><u>TEST PROCEDURE:</u> Ensure Seeks can be done and all Servo alignments are correct.</p> <p>Check C.E. and circumferential alignment procedures outlined in D3000 Manual, Sec. 6-13.</p> <p>Ensure that all tie wraps are secure.</p> <p>Check unit for proper operation after dust cover is put on.</p>	