

TITLE UPPER SECTOR TRANSDUCER ADJUSTMENT				PIB NO. DK-3013	
PRODUCT LINE	TAPE DISK FORMATTER	EQUIPMENT CHANGED Sector Pick-Up	MODEL SERIES AFFECTED D3000	EFFECTIVE DATE June 7, 1974	
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"/> INFORMATION ONLY <input type="checkbox"/>		N/A	ALL MECHANICALLY SECTORED TOP LOAD UNITS  NOTE: THIS PIB DK-3013 REPLACES SERVICE INFORMATION NOTE DK-3009 IN ITS ENTIRETY. REMOVE & DESTROY SIN DK-3009.		
<p><b>PURPOSE</b> Latest reports indicate that some disk pack vendors are utilizing 20 mil sector notches in their pack sector rings. Should the D3000 be adjusted for a standard 80 mil notch, low amplitude at LTPE2 (Figure 1) could result.</p> <p>Symptoms of low amplitude:</p> <ul style="list-style-type: none"> <li>• Missing sector pulses</li> <li>• Wrong Sector Counts</li> <li>• Unexplainable controller time-outs.</li> </ul> <p>To date there is no known standard for notch widths on mechanically sectored packs, however, compensation for the 20 mil notches may be made using the following procedure:</p> <ol style="list-style-type: none"> <li>1.0 LTPE2 (Figure 1) - Monitor upper sector transducer output.</li> <li>1.1 LTPE2 - Should have an analog swing of <math>\geq +450\text{mv}</math> / <math>\leq -100\text{mv}</math> in amplitude. Any less is unacceptable.</li> <li>1.2 If LTPE2 amplitude is not sufficient, the upper sector transducer <u>MUST</u> be moved closer to the upper platter sector ring.</li> </ol> <p style="text-align: center;"><u>CAUTION</u></p> <p style="text-align: center;">CARE MUST BE UTILIZED WHEN ADJUSTING UPPER SECTOR TRANSDUCER, ECCENTRICITY OF THE SECTOR RING COULD CAUSE DAMAGE TO TRANSDUCER TIP IF MOVED TOO CLOSE.</p>					

Additional Information Be Required -- Contact

Distribution Code - 6318

PERTEC

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 ATTENTION: PRODUCT SUPPORT MANAGER

PERTEC 20 K012R (1)

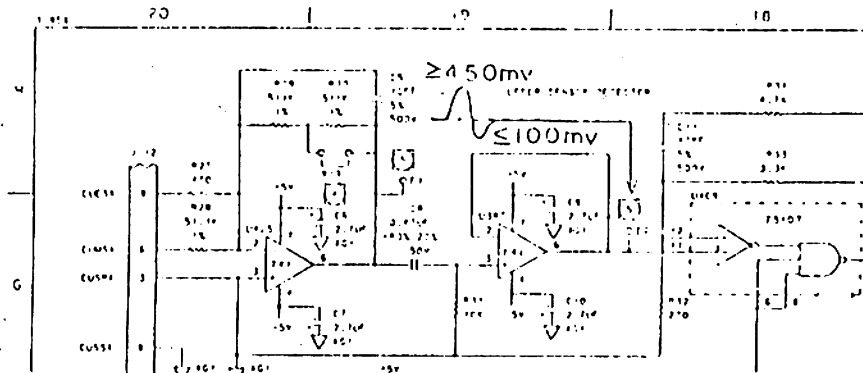
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- 1.3 Upper sector transducer may be adjusted by utilizing D3000 manual Rev. C., Pages 6-128, 6-130, Section 6-18 (Magnetic Transducer Gap).

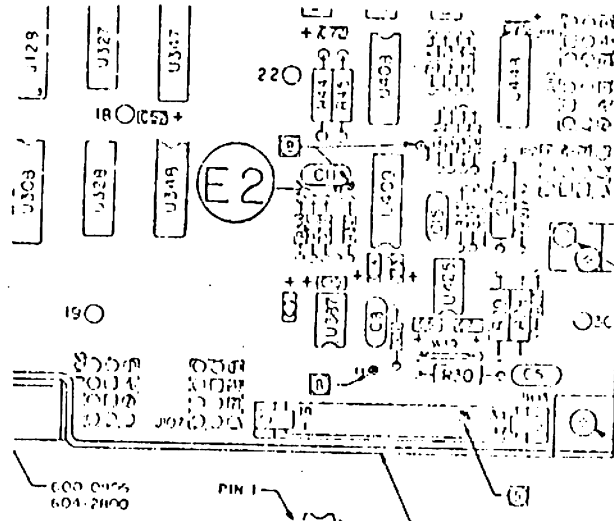
HINT

A DISK PACK MAY BE DISASSEMBLED AND THE SECTOR RING USED FOR ADJUSTMENT IF NO ADAPTER BOWL SET-UP TOOL (103619-01) IS AVAILABLE.



LOGIC SCHEMATIC  
102830

Sheet 5 of 5



PCBA LOGIC  
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Sheet 1 of 1

FIGURE 1

(Only Part of Schematics Shown for Clarity)