PERTEC

PRODUCT IMPROVEMENT BULLETIN

PERIPHERAL EQUIPMENT DIVISION

TITLE FALSE TRIGGERING OF DRIVE MOTOR			PIB NO. DK3049

PRODUCT LINE:	TAPE [ ] DISK [X] FORMATTER [ ]	EQUIPMENT CHANGED SERVO PCBA 102811	MODEL SERIES AFFECTED D3000	EFFECTIVE DATE February 15,1976

CLASS OF BULLETIN:	ORDER PART KIT NO.	EFFECTIVITY
[ ] IMPROVEMENT [X] RETROFIT ON FAILURE [ ] RETROFIT RECOMMENDED [ ] SERVICE INFORMATION ONLY		All D3000 Disk Drives

PURPOSE:
  To add filter capacitors to eliminate false triggering of drive motor,
  which can occur if high voltage transients are present on line voltage.

SYMPTOMS:
  Emergency unloads due to disk speed errors.

PARTS REQUIRED:
  A.   PERTEC Parts

QUANTITY	PART NUMBER	DESCRIPTION
3	139-1051	Capacitor, 1.0uF ± 10%, 50 V DC

  B.   OTHER APPROVED VENDORS

VENDOR	TYPE NUMBER
Kemet	T310A105K050AS
Dickson	D1R0EA50KI

SPECIAL TOOLS REQUIRED:
  None

REWORK INSTRUCTIONS:
  1.0   Connect one capacitor across CR34, observing polarity as shown
        in Figure 1. This capacitor is designated C73.

  2.0   Connect other capacitor across R209, observing polarity as
        shown in Figure 2. This capacitor is designated C74

Distribution Code - 6318
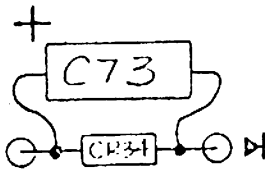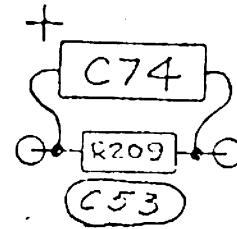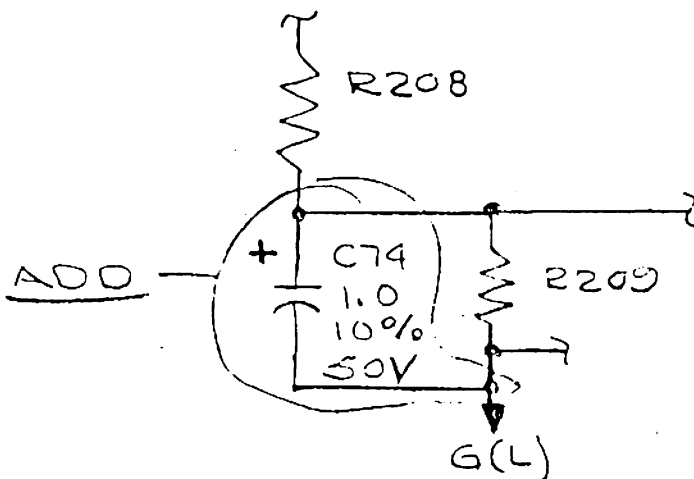
Page 1 of 3

Figure 1

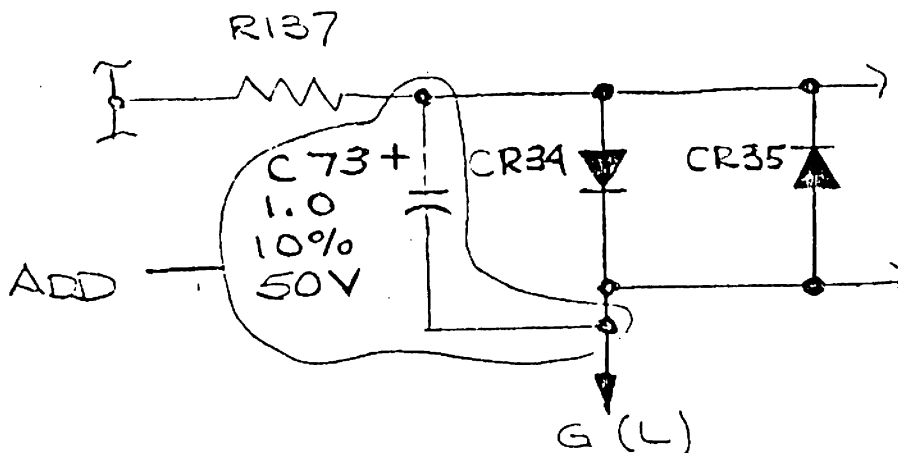Figure 2

ADJUSTMENTS:
   None required

DRAWING CHANGES:
   Drawing 102810, Sheet 1, zone 5C
   Add C74 as shown

TITLE	FALSE TRIGGERING OF DRIVE MOTOR	PIB NO. DK3049

DRAWING 102810, Sheet 1 zone 5D
Add C73 as shown

REVISION LEVELS:

After incorporation of this Product Improvement Bulletin, reidentify PCBA by adding "+ECN 8064 (partial)" after the assembly part number, 102811-01, -02, -04, -31, -32, or -34.

TIME REQUIRED:
30 minutes