



FIELD CHANGE ORDER

NO. 17-011

RCSL: 44-RT 1196

MANDATORY <input type="checkbox"/>	RETROFIT ON FAILURE <input checked="" type="checkbox"/>	OPTIONAL <input type="checkbox"/>
WARRANTY <input checked="" type="checkbox"/>	NON WARRANTY <input type="checkbox"/>	

PAGE 1	OF 2
RE: ECN NO. 17-011	

MANUFACTURING EFFECTUATION DCC 702/2,5 and upwards	EQUIPMENT AFFECTED RC 3600/6000 RC 3688/DCC 701/DCC 702 Cartridge Disc Drive Channel
NOTE	

SCOPE

Change in clocking of DATA LATE flip flop.
To avoid hazard and unintentional setting of the flip flop.

FIELD INSTRUCTION CONT'D

- Execute the changes shown on page 2.
- Code the FCO-Label 17-011

ADDITIONAL COMMENTS CONT'D

QTY	PARTS REQUIRED	RC - P/N	DOCUMENTATION ENCLOSED
	None		New page 7 of 44 RT 761

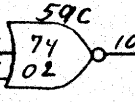
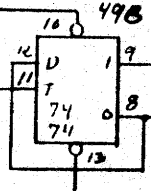
TIME REQUIRED 1/2 hour	DATE 27.7.77	SIGN. LMJ
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02 70B2 Logic "1"

AEQ 1

06 12386 CLR FLAG

07 143F12 Trar



02 70B2 Logic "1"

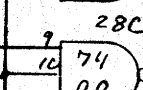
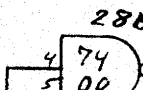
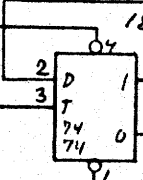
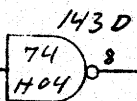
06 12386 CIA FLAG

07 143F12 Chav

03 14226 DCC DCHO

10 17012 Read

10 17011 Write



AEQ 2

08 55012 SCA

07 45A2 Chav ALL

22 1601 Clear P

02 70B2 Logic "1"

06 49A5 DCC FLAG

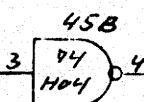
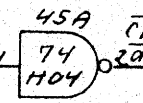
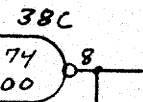
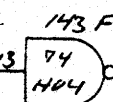
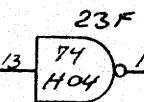
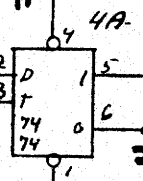
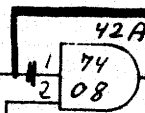
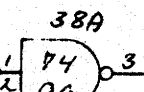
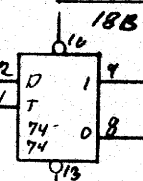
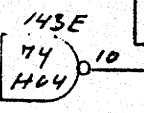
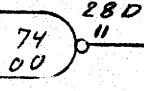
11 20013 still DONE

07 45A2 Clear ALL

03 13286 CIA

03 13283 RESET

03 13288 DCC start



DATA LATE

DONE

STOP

clear

clear

clear

clear all

clear all

DCC start

Unit: DCC 701
 Dwg. No.: R 10 813
 Designed by: MFL Marks 74
 Drawn by:
 Dwg. Check:
 Design Check:
 Replaces Dwg. No.:
 due to ECN:
 AIS: GNECENTRALEN

logic diagram

DCC 701 07



FIELD CHANGE ORDER

RCSL: 44-RT 1196

NO. 17-016

MANDATORY <input checked="" type="checkbox"/>	RETROFIT ON FAILURE <input type="checkbox"/>	OPTIONAL <input type="checkbox"/>
WARRANTY <input checked="" type="checkbox"/>	NON WARRANTY <input type="checkbox"/>	

PAGE 1	OF 2
REF. ECN NO. 17-016	

MANUFACTURING EFFECTUATION DCA 701/77 and upwards.	EQUIPMENT AFFECTED RC 3600/6000 F 52/DCA 701 Disc Cartridge Drive Adapter
NOTE	

SCOPE

Wrong wire connections on DCA 701.
 The filters on the READ DATA and the READ CLOCK are not connected, and this may cause data errors.

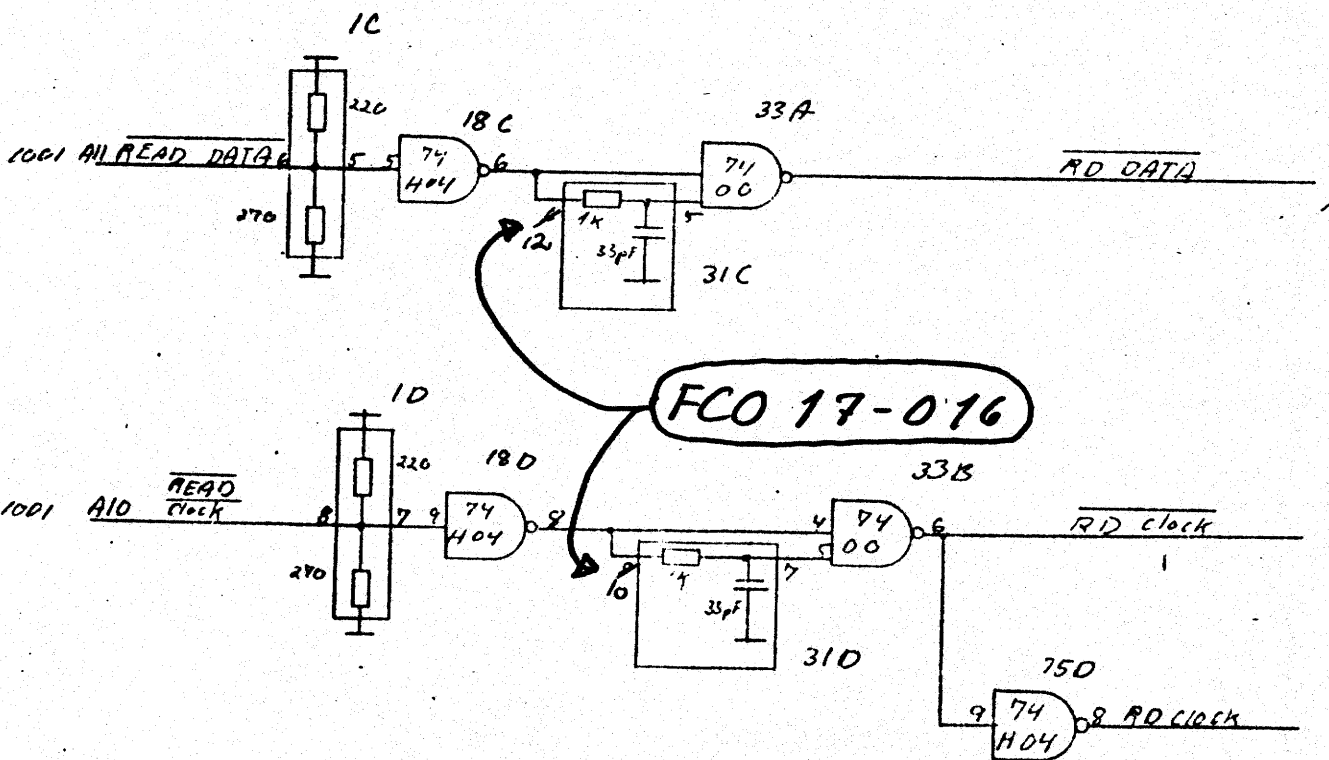
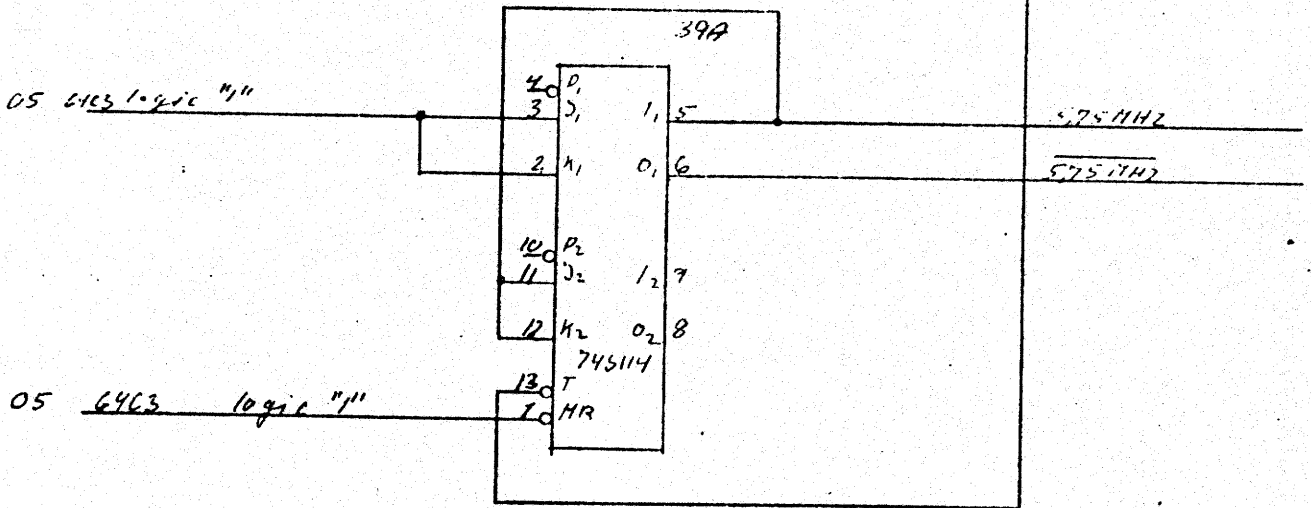
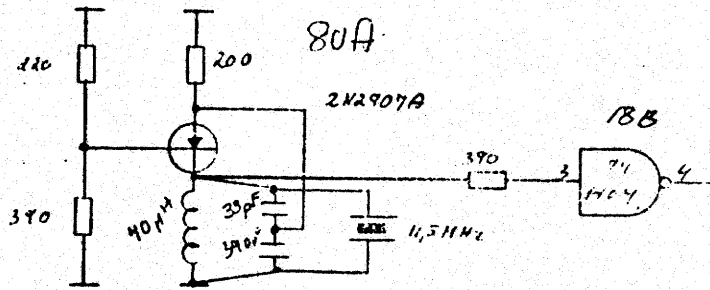
FIELD INSTRUCTION CONT'D

- Execute the wiring changes as shown on the enclosed Hardoc formula.
- Code the FCO-Label 17-016

ADDITIONAL COMMENTS CONT'D

QTY	PARTS REQUIRED	RC - P/N	DOCUMENTATION ENCLOSED
	None		Provisional logic diagram DCA701-09.

TIME REQUIRED	30 mins	DATE	77.08.06	SIGN.	LMJ
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Provisional

Replaces Dwg. No. _____
 Design Check _____
 Dwg. Checked _____
 Designed by VFL _____
 Drawn by _____
 Harts 74
 AIS RE CENTRALEN
 Unk
 DCA 701
 Dwg. No. _____

Clock and disc data

DCA 701 09

FIELD CHANGE ORDER

NO: 17-023
ISSUE WEEK 19-78

RCSI: 44 - RT 1634

MANDATORY	<input type="checkbox"/>	RETROFIT ON FAILURE	<input checked="" type="checkbox"/>
WARRANTY	<input type="checkbox"/>	NON WARRANTY	<input checked="" type="checkbox"/>

PAGE	1	OF	1
RE: ECN NO:			

SERIAL EFFECTIVITY None	EQUIPMENT AFFECTED RC 3600/6000 RC3652/POW714/715 Disc Drive Power Supply
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NOTE
This FCO effects only Power Supply Model 3029 and not Model 029.

REASON FOR CHANGE
Too high voltage on the disc drive power supply causes long delays on start up of the disc drive, and in worst cases the drive will not start up at all.

DESCRIPTION OF CHANGE
A diode is mounted in series with the +15V in the power supply.
1) disconnect power.
2) open back cover
3) place the diode at the fuse, so it is connected in serial with the +15V fuse.
4) place a FCO-Label on the power supply and code it 17-023.

ADDITIONAL COMMENTS

QTY:	PARTS REQUIRED	RC -P/N
1	1N 1200	2-1800

DOCUMENTATION ENCLOSED
Power Supply 3029 PSU diagram

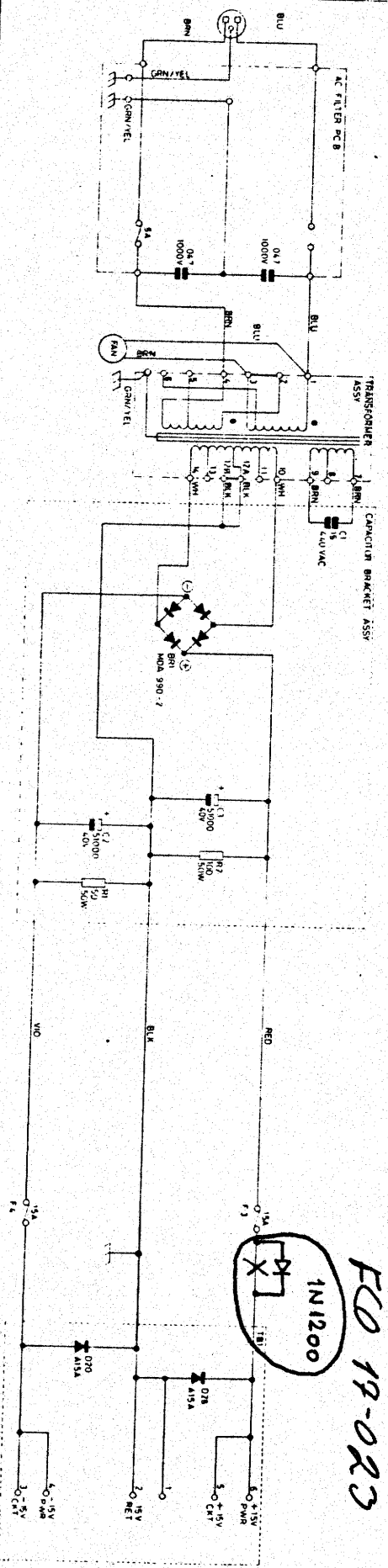
KITS FREE OF CHARGE FROM ISS: YES NO

RETURN CHANGED PARTS TO ISS: YES NO

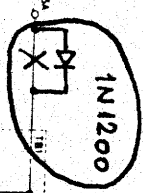
ESTIMATED INSTALLATION TIME: 30 mins.

PROJECT ENGINEER SIGN.	DATE 3-3-78	DEVELOPMENT MANAGER SIGN.	DATE 3-4-78	SYS. PRODUCTION MANAGER SIGN.	DATE 7-04-78	TECH. SERVICE MANAGER SIGN.	DATE 7-14-78
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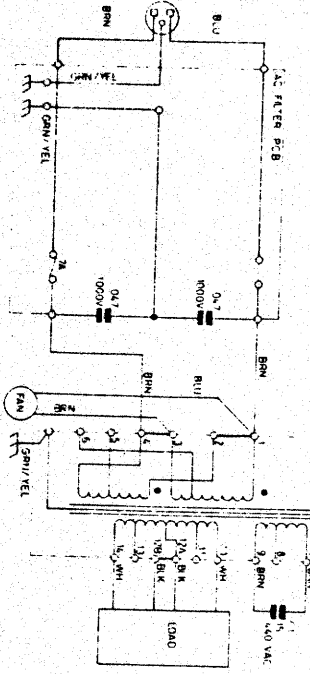
230VAC 50HZ



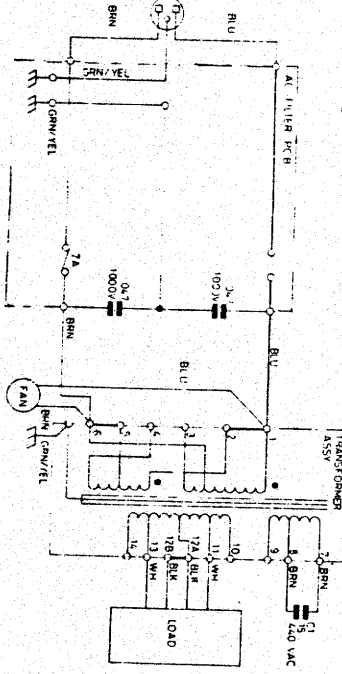
ECO 19-023



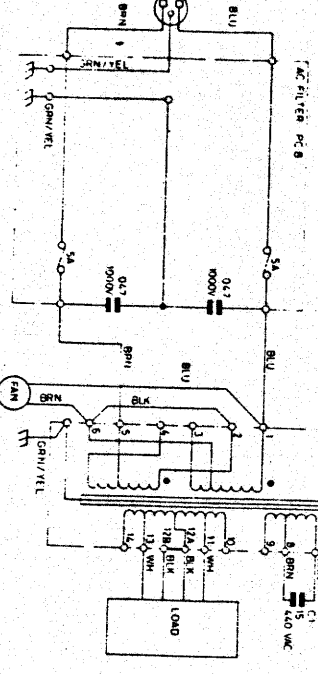
115VAC 50HZ



115VAC 60HZ



230VAC 60HZ



NOTES
UNLESS OTHERWISE SPECIFIED
1 ALL CAPACITOR VALUES IN MICROFARADS
2 ALL RESISTOR VALUES IN OHMS 2 1/2 WATT

F 7 CIRCUIT DIAGRAM FOR 3029 PSU

3029/PSU/17 Issue 1

231-1020-XX	THIRD ANGLE PROJECTION	231-1020-XX
SERIES 30-32 PSU		
REV	DATE	BY
01	15553	
02	15849	

SCHEMATIC
SERIES 30/32 PSU
231-1020-XX

DATA RECORD
INSTANT
COMPANY LTD
STAINES

