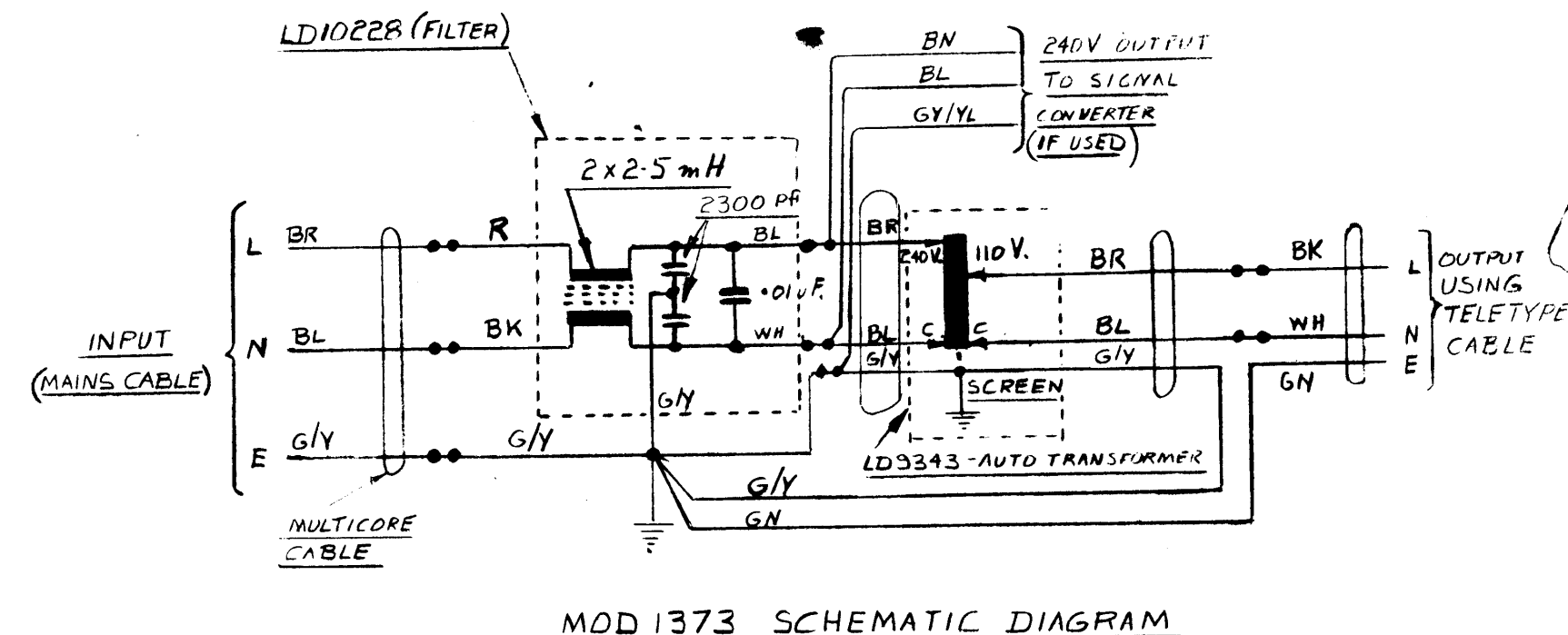


MOD 1373 PROVIDES FOR THE FITTING OF A 500W AUTO-TRANSFORMER AND AN R.F. INTERFERENCE FILTER TO A TELETYPE MODEL 35 ASR OR KSR. PAGE PRINTER



MOD 1373 SCHEMATIC DIAGRAM

MOD 1373 WIRING DIAGRAM WITH A SIGNAL CONVERTER UNIT (IF USED)

USED ON ASR 35 TELEPRINTER  
KSR 35 TELEPRINTER

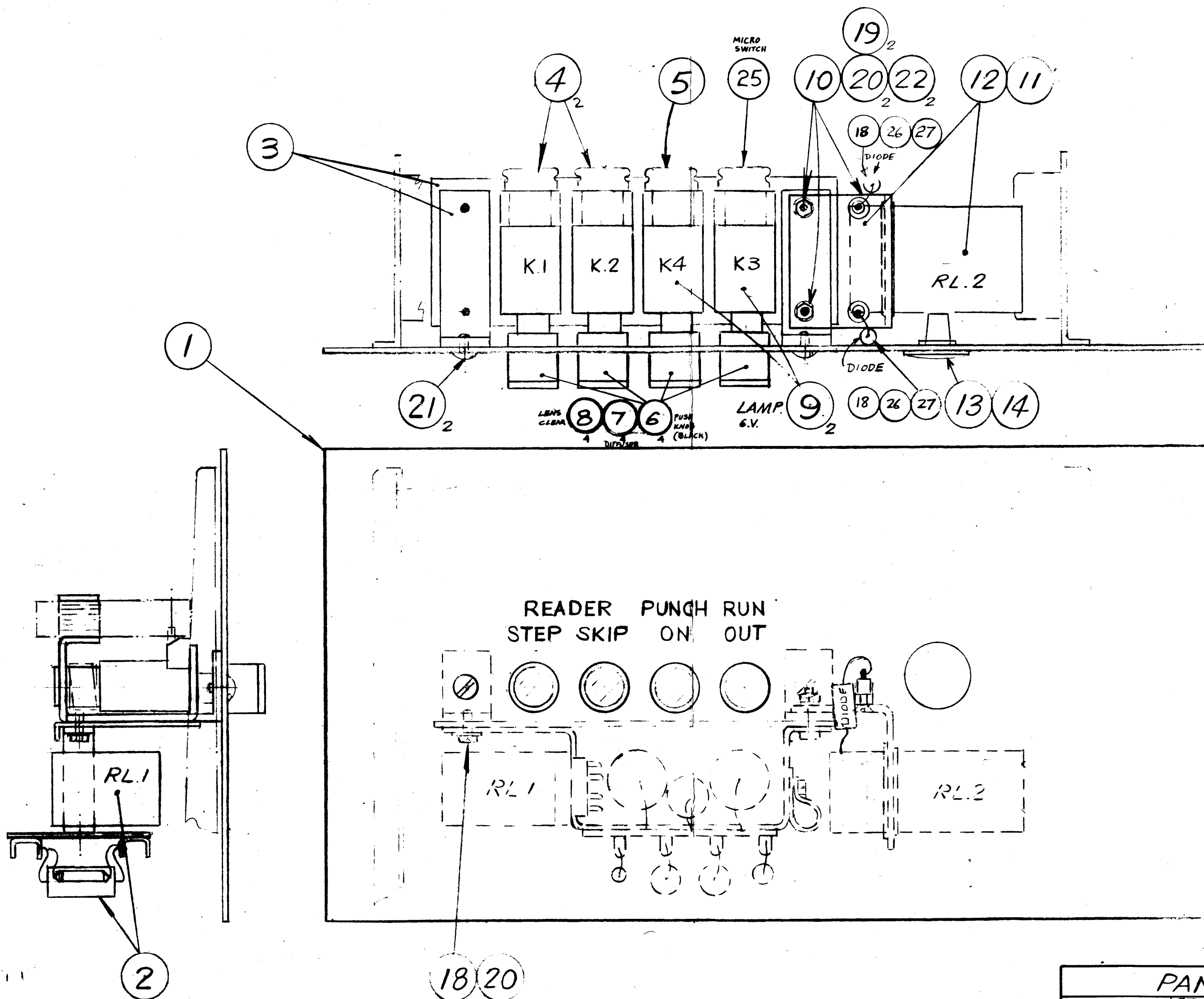
ASSOCIATED DRAWINGS  
STOCK LIST :- P1592D  
MOD 1373 :- LC 539

MOD:1373 - TO MODEL 35 STAND	
TO FIT 500 WATT AUTO-TRANSFORMER & R.F. FILTER	
WESTREX CO LTD LONDON	
DRAWN B. WARD	APPD. DRG.
TRACED	APPD. ENG.
CHECK'D	APPD. FOR ISSUE
3rd ANGLE PROJECTION SCALE:	LSO-15921

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TOLERANCE ON DIMENSIONS	
FRACTIONAL $\pm 1/64"$	METRIC: 1 PLACE $\pm 4$ MM
DECIMAL $\pm .005"$	2 PLACES $\pm 1$ MM
UNLESS OTHERWISE SPECIFIED	

ISSUE 1 FEB 27TH 70 APD.  
 ITEM 4 WAS 3 OFF.  
 ITEM 25 ADDED  
 ISS 2 SEP 14th 1970  
 ITEM 25 & PARTS  
 CLARIFIED 8 WARD  
 ISS 3 NOV 26th 1970  
 ITEMS 26 27 ADDED  
 ISS 4 NOV 30 - 70  
 ASSY OF ITEMS 6,7,8,9,25  
 CLARIFIED ONLY  
 ISS 5 FEB 24th 1971



ASSOCIATED DWGS  
 DWG LIST P.15611  
 STOCK LIST P.15612  
 WIRING LSO.15614  
 SCHEMATIC LSO.15264

USED ON MOD. 1312

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TOLERANCE ON DIMENSIONS

FRACTIONAL  $\pm 1/64"$  METRIC: 1 PLACE  $\pm 4$  MM  
 DECIMAL  $\pm .005"$  2 PLACES  $\pm 1$  MM

UNLESS OTHERWISE SPECIFIED

PANEL ASSY.

READER STEP PUNCH ON, RUN OUT.

ASSEMBLY.

WESTREX CO LTD LONDON

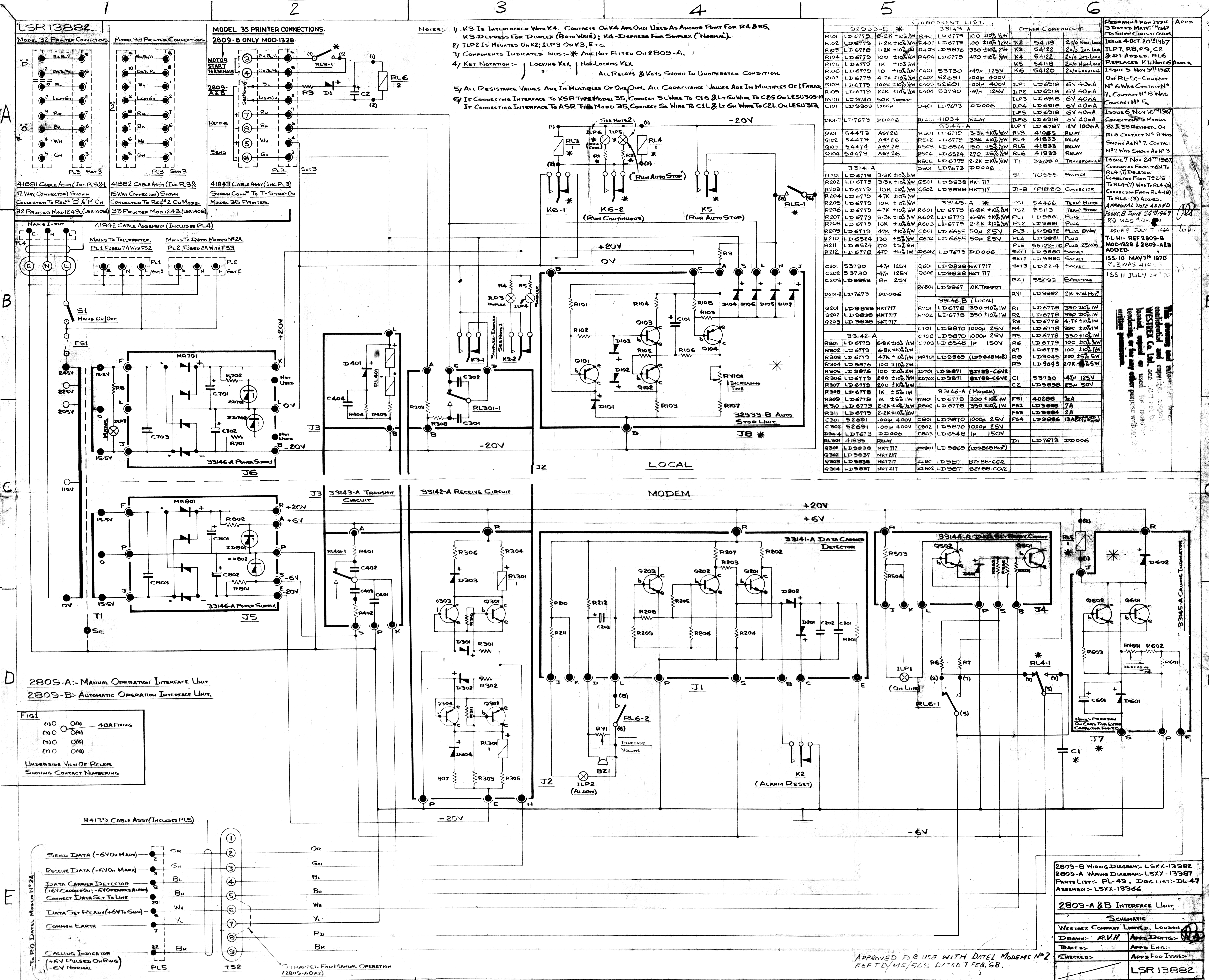
DRAWN T.M. APPD. DRG.  
 TRACED APPD. ENG.  
 CHECK'D APPD. FOR ISSUE

3rd ANGLE PROJECTION  
 SCALE:

LSL-15613

LSL-15613







2809-A & -B  
INTERFACE UNIT

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[illegible]



## INTERFACE UNIT

DRG.

ASSOCIATED DRGS.

WESTREX CO., LTD., COLES GREEN RD., LONDON, N.W.2



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HH LTD S/P 9275



PL - 49

2809-A &amp; -B

INTERFACE UNIT

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ISS	DATE	APD	USED ON	DRG.
	LD-2214 AND LD-9872 ADDED. 41836 PLUG. REMOVED. LD-9377 ADDED.			
2	AUG. 9TH 1967 ITEM 27 ADDED.			
3	AUG. 17 - 1967 DRG. NO ADDED TO ITEM 22 & 23. ITEM 13 WAS 41740. 1 OFF ITEM 10 WAS 41808			
4	AUG 24TH 1967 ITEM 1 WAS 30A ITEMS 13, 24, 25 & 28 ADDED.			
5	AUG 30TH 1967 ITEM 9 DELETED (NOW ON PL-59) ITEM 23 WAS 3 OFF (SEE PL-58)			
6	SEPT 18TH 1967 1 OFF ADDED TO ITEMS 4 5, 13, 20. ITEM 9 ADDED (SEE PL-58)			
7	NOV 6TH 1967 ITEM 12 WAS 41058 (SEE PL-58)			
8	NOV 24TH 1967			
ASSOCIATED DRGS.				
ASSEMBLY			LSXX13966	
SCHEMATIC (-B)			LSR13982	
WIR DIAG (-A)			LSXX13987	
WIR DIAG (-B)			LSXX13982	
4	4	1	LD 6933	BUSH
2	2	2	LD 7442	CAPTIVE NUT
6	4	3	LD 9827	DIFFUSER - ROUND
4	1	4	LD 9555	SOCKET (RELAY)
4	1	5	LD 9556	RETAINER & PLATE
1	1	6	LD 9831	INTERLOCK BAR 2WAY .709" SPACING
1	1	7	LD 9618	CABLE CLAMP
1	1	8	LD-2214	CONNECTOR - FEMALE
2	2	9	LD 7292	STAND-OFF INSULATOR
1	1	10	55113	TERMINAL STRIP
1	1	11	40287	FUSE HOLDER
1	-	12	41065	RELAY
2	2	13	LD 9617	CABLE CLAMP.
6	4	14	41752	PUSH KNOB - ROUND - BLACK
6	4	15	41760	LENS - ROUND - CLEAR
2	2	16	41828	BRACKET
1	1	17	41829	COVER
1	1	18	41830	BRACKET
1	1	19	41831	COVER
3	1	20	41833	RELAY
3	2	21	41773	MOUNTING BRACKET 2WAY .709" SPACING
2	2	22	LD-9880	SOCKET 13 AMP
2	2	23	LD-9881	PLUG 13 AMP
1	1	24	LD 9884	FUSE 2A
1	1	25	LD 9885	FUSE 7A
4	4	26	LD-9877	FOOT
1	1	27	LD-9879	MARKER STRIP - (FOR ITEM 10)
1	-	28	LD-9887	LABEL
QUANTITY		REF.	PART No.	NAME OF PART
2809-1		DRN. R.V.H.	TITLE	2809-A & -B
2809-1		CHD.	INTERFACE UNIT	PL-49
APD.		DATE	SHT. 1 OF 4 SHTS.	
WESTREX CO., LTD., COLES GREEN RD., LONDON, N.W.2.				



<u>Rqd.</u>	<u>Item No.</u>	<u>Drg. or. Cat. No.</u>	<u>Description</u>	
1	1	84339	Panel	
1	2	LSL.15605	Brkt. & Comp. Assembly (St.Lst. P.15604)	
1	3	41775	Mounting Bar Assembly (TMC S/ 529011)	
2	4	54119	Push Button Key	K.1, K2
1	5	54121	Push Button Key	K-4
4	6	41752	Push Knob - Black	
4	7	LD-9827	Diffuser	
4	8	41760	Lens Clear	
2	9	LD6918	Lamp 6 V.	
1	10	42405	Bracket(Relay Mtg.)	
1	11	ID-9893	Relay 4 C/O 115V Coil	RL.2
1	12	ID-9650	Base (Relay)	
1	13	TP-192538	Plug Button	
1	14	TP-117608	Speed Nut	
6	15	TP.-192007	Connector	
As Rqd.	16	LD-8727	Wire	
48"	17	LD-9588	Sleeving	
1	18		6BA x 1/4" Lg. Ch.Hd. Scr. St.Cad.Pl.	
2	19		6BA x 1/2" Lg. Ch.Hd. Scr. St.Cad.Pl.	
3	20		6BA Stnd Flat Washer St.Cad.Pl.	
2	21		4BA x 1/4" Lg. Instr Hd. Scr. St. Chrome Pl.& Polish	
2	22		6BA Stnd Hex. Nut St.Cad.Pl.	Hd.
3	23	TP.182644	TERMINAL. (FEMALE.)	
8	24	TP.182643	TERMINAL (MALE.)	
1	25	55426	MICROSWITCH KEY (K3)	
1	26	LD-7292	Stand off Insulators 6BA	
2	27	LD-7673	Diode DD006	

Used On:-  
Mod.1312

Associated Drawings:-  
Drawing List:- P.15611  
Assembly :- LSL.15613  
WIRING :- LSO.15614

ISS. 1. 22. 27. 70 ITEM 4 WAS IF ITEM 25 ADDED	ISS 2. SEP 14. 70 ITEM 8 WAS 41753 ITEM 26 & 27 ADDED	ISS 3. NOV 28. 1970 ITEM 26 WAS 1 OFF	ISS 4. DEC 1970 ITEM 26 WAS 2 OFF ITEM 27 WAS 3 OFF	ISS. 5. 24. DEC 70 ITEM 9 WAS 54131 (24V)	ISS 6. 21-1-1971	DR. TM ENG.	Panel Assembly For Reader Step/Skip Punch On&Run Out
APP.							Stocklist
							WESTREX CO. LTD. LONDON
							P- 15612



185

2

## CONTENTS

Section	Sheet
1 GENERAL	3
1.1 Documentation	3
2 SIX-MONTHLY OR 1 000 HOURS	3
2.1 Basic Checks	3

## TABLES

1 LUBRICANT COMMERCIAL EQUIVALENTS	3
------------------------------------	---

## RELATED DOCUMENTS

	Number
Technical Description	1111445
Pre-Packing Instructions	1111640
Installation Instructions	1111639
Teletype Bulletin 280B, Vol. 1. ASR	
Teletype Bulletin 280B, Vol. 2. ASR	
Teletype Bulletin 1187B, Parts. ASR	
Teletype Bulletin 281B, Vol. 1. KSR	
Teletype Bulletin 281B, Vol. 2. KSR	
Teletype Bulletin 1201B, Parts. KSR	
Teletype Bulletin 295B, Motor Units	
Drawings:	
Model 35 Teletypewriter, ASR	LSX15257
Model 35 Teletypewriter, KSR	LSR15256
Telephone Circuits	LSR13882
Telegraph Circuits	LSO13859
Reader Step, Skip: Punch Controls and Run Out	LSO15264





ISS

# 1 GENERAL

There are eight variants of the 7072 Teletypewriter and the schedule in section 2 applies to all of them.

## 1.1 Documentation

Information pertinent to the maintenance of the Teletype-writers is contained in the Teletype Manuals, which are arranged as follows: Volume 1 provides field replacement and lubrication instructions for all assemblies including, where applicable, the tape reader and tape punch fitted to Automatic Send-Receive models (ASR). Volume 2 contains adjustment instructions for all assemblies, and the remaining volume is an illustrated parts list.

It should be noted that before any complete adjustment is made to any unit, the general notes which precede the appropriate section of the Adjustment Manual Volume 2 should be read and understood. This applies particularly to the Typing Unit, Section 574-200-700, paragraph 1.07. The requirement for all adjustments detailed must be fully understood before any attempt is made to alter a condition.

# 2 SIX-MONTHLY OR 1 000 HOURS (3 hours)

The machine should be lubricated immediately before it goes into service and again after a period of four weeks use, ensuring that all points receive attention. Thereafter the following schedule should be carried out every six months or 1 000 hours, whichever is the earlier.

- Switch off the mains supply.
- Remove the control panel bezel and copy light plug.
- Raise the cabinet lid or enclosure cover and remove the four retaining screws that secure the unit to its base.
- Remove the cable plug connector R from the side frame.
- Lift the typing unit off its locating pillars. (This gives access to the inner parts of the machine and facilitates lubrication).

Note that, on reassembly, when lowering the typing unit back on to the locating pillars, rotate the mainshaft to assist gear meshing and check that the drive train from the motor is free-running. Reference Volume 2, section 574-222-270, paragraph 2.20.

For the specific Lubrication schedule refer to the Teletype Bulletin.

Volume 1	Section	547-220-701	Typing Unit	All Models
"	"	547-221-701	Keyboard	KSR "
"	"	547-222-701	Keyboard	ASR "
"	"	547-228-701	Cabinet	ASR "
"	"	547-229-701	Cabinet	KSR "
"	"	547-233-701	Reperforator	ASR "
"	"	547-235-701	Answer Back Unit	All "
"	"	547-236-701	Tape Reader	ASR "

## 2.1 Basic Checks

The following basic conditions should be checked; for more detailed information references are given for Volume 1, Section 574-220-701, page 2, and Volume 2, Section 574-220-700, page 4, paragraph 1.07.

- Printing carriage position. Paragraph 2.46.
- Printing hammer bearing stud. Paragraph 2.46.
- Printing hammer stop bracket. Paragraph 2.49.
- Lower draw wire rope. Paragraph 2.40.
- Dash pot vent screw adjustment. Paragraph 2.45.
- Check that the transfer slide will allow free-running. Paragraph 2.45.
- Re-test equipment in local mode and ensure all functions are correct before engineer mode programs are run.

The following table lists the necessary lubricants and equivalents; however, for U.K. use, ICL No. 2, Mixture; and ICL No. 8, Grease are all that are normally required.

TABLE 1  
LUBRICANT COMMERCIAL EQUIVALENTS

ICL Reference	Commercial Equivalent	
	Name	Supplier
ICL Lubricant No. 2, Oil Part No. 590419 (1 pint)	Magna H. L.	Castrol Industrial Ltd.
	Esso Millicott	Esso Petroleum Co.
	K. 50	Idt.
	Caltex Stazen	Regent Oil Co. Ltd.
	L.	

Table 1 (contd)

ICL Reference	Commercial Equivalent	
	Name	Supplier
	Shell Tonna 33	Shell Mex & B.P. Co. Ltd.
ICL Lubricant No. 8, Grease Part No. 590401 (2 oz.)	M. S. 4	Midland Silicone Ltd.
ICL Lubricant No. 21, Oil Part No. 590399	Clear Moly	Senol Ltd.
ICL Lubricant No. 2, Mixture. Part No. 590424. (See below).		
A special mixture made up of ICL lubricants is needed for lubricating certain parts of the machine. This lubricant will be known as ICL Lubricant No. 2, Mixture, part number 590424. Its constituent parts are ICL Lubricant No. 2, Oil and a 20 per cent additive of ICL Lubricant No. 21, Oil.		



UNLESS OTHERWISE STATED, THE FOLLOWING APPLY: DO NOT SCALE. THIRD ANGLE PROJECTION. ALL DIMENSIONS IN INCHES. REMOVE ALL BURRS AND UNNECESSARY SHARP EDGES. INTERNAL CORNERS TO HAVE .01 MAX. RADIUS. TOLERANCE ON ALL LINEAR DIMENSIONS  $\pm .01$ . DIRECTION OF GRAIN UNIMPORTANT.

DRG. No.

DATE

PROD/QA

DATE

DES. AUTH.

CHKD.

DATE

DATE

DRN. R. LOGAN. DATE 8-69

VARIANT	7072/1	7072/2	7072/3	7072/4	7072/5	7072/6	7072/7	7072/8	F1219	F1220	F1290	F1214	F1215	F1221
V 1	•								•					
V 2		•							•					
V 3	•								•	•				
V 4		•							•	•				
V 5	•								•		•			
V 6		•							•		•			
V 7	•								•				•	
V 8		•							•				•	
V 9	•								•	•			•	
V 10		•							•	•			•	
V 11	•								•		•		•	
V 12		•							•		•		•	
V 13			•						•					
V 14				•					•					
V 15			•						•	•				
V 16				•					•	•				
V 17			•						•		•			
V 18				•					•		•			
V 19			•						•				•	
V 20				•					•				•	
V 21			•						•	•			•	
V 22				•					•	•			•	
V 23			•						•		•		•	
V 24				•					•		•		•	
V 25			•						•				•	
V 26				•					•			•		
V 27			•						•	•			•	
V 28				•					•	•			•	
V 29			•						•		•		•	
V 30				•					•		•		•	

ISS. CHANGES

XK 7  
P486-3  
12-69

11	1	12	
9	1	10	1
7	1	8	1
5	1	6	1
3	1	4	1
1	1	2	1
SH.	ISS.	SH.	ISS.

ISSUE Nos. OF  
OTHER SHEETS AT  
TIME OF ISSUING  
THIS SHEET

ICL

MATERIAL	NONE
SURFACE TREATMENT	NONE
HEAT TREATMENT	NONE

TITLE  
**VARIANTS LIST**  
**7072/1-8 TELE-TYPEWRITERS**

V  
CA1

SHEET 1  
CONTINUED ON  
SHEET 2

DRG. No.  
**5048800**

UNLESS OTHERWISE STATED, THE FOLLOWING APPLY: DO NOT SCALE. THIRD ANGLE PROJECTION. ALL DIMENSIONS IN INCHES. REMOVE ALL BURRS AND UNNECESSARY SHARP EDG. & INTERNAL CORNERS TO HAVE 0.1 MAX. RADIUS. TOLERANCE ON ALL LINEAR DIMENSIONS: ± .01. DIRECTION OF GRAIN UNIMPORTANT.

DRG. No.

DATE

PROD/QA

DATE

DES. AUTH.

CHKD. REVIEW

8-69

DR. R. Logan DATE

VARIANT	7072/1	7072/2	7072/3	7072/4	7072/5	7072/6	7072/7	7072/8	F1219	F1220	F1290	F1214	F1215	F1221
V31			•						•			•	•	
V32				•					•			•	•	
V33			•						•	•		•	•	
V34				•					•	•		•	•	
V35			•						•		•	•	•	
V36				•					•		•	•	•	
V37					•				•					
V38						•			•					
V39					•				•					•
V40						•			•					•
V41					•				•			•		
V42						•			•			•		
V43					•				•			•		•
V44						•			•			•		•
V45							•		•					
V46								•	•					
V47							•		•					•
V48								•	•					•
V49							•		•			•		
V50								•	•			•		•
V51							•		•			•		•
V52								•	•			•		•
V53							•		•			•		•
V54								•	•			•		•
V55							•		•			•		•
V56								•	•			•		•
V57							•		•			•		•
V58								•	•			•		•
V59							•		•			•		•
V60								•	•			•		•

1.5 CHANGES

1. { XR 512-2  
5-69  
P486-3  
12-69

1	1	12	
2	1	10	1
7	1	8	1
5	1	6	1
3	1	4	1
1	1	2	•
SH.	ISS.	SH.	ISS.

ISSUE Nos. OF  
OTHER SHEETS AT  
TIME OF ISSUING  
THIS SHEET

ICL

MATERIAL NONE  
SURFACE TREATMENT NONE  
HEAT TREATMENT NONE

TITLE VARIANTS LIST  
7072/1-8 TELE-TYPEWRITERS

V  
CAT.

SHEET 2  
CONTINUED ON  
SHEET 3

DRG. No. 5048800



DRN. WOODS DATE 12-70 CHKD. HAWKES DES. AUTH. Sharpley DATE PROD. 12-70

UNLESS OTHERWISE STATED, THE FOLLOWING APPLY DO NOT SCALE. THIRD ANGLE PROJECTION. ALL DIMENSIONS IN INCHES. REMOVE ALL BURRS AND UNNECESSARY SHARP EDGES. INTERNAL CORNERS TO HAVE .01 MAX. RADIUS. TOLERANCE ON ALL LINEAR DIMENSIONS  $\pm .01$ . DIRECTION OF GRAIN UNIMPORTANT

DRG. No.

5048800

ISS. CHANGES

2 10069 11-70  
REDESKIN

VARIANT	7072/1	7072/2	7072/3	7072/4	7072/5	7072/6	7072/7	7072/8		F1307	F1220	F1290	F1214	F1215	F1221
V61	•									•					
V62	•									•				•	
V63		•								•				•	
V64		•								•				•	
V65			•							•				•	
V66			•							•				•	
V67			•							•			•	•	
V68			•							•			•	•	
V69				•						•				•	
V70				•						•				•	
V71				•						•			•	•	
V72				•						•			•	•	
V73					•					•				•	
V74					•					•				•	
V75						•				•				•	
V76						•				•				•	
V77							•			•				•	
V78							•			•				•	
V79							•			•			•	•	
V80							•			•			•	•	
V81								•		•				•	
V82								•		•				•	
V83								•		•			•	•	
V84								•		•			•	•	

1		12	
9		10	
7		8	
5		6	
3	1	4	
1	1	2	•
SH.	ISS.	SH.	ISS.

ISSUE Nos. OF  
OTHER SHEETS AT  
TIME OF ISSUING  
THIS SHEET

ICL

MATERIAL NONE  
SURFACE TREATMENT NONE  
HEAT TREATMENT NONE

TITLE

VARIANTS LIST  
7072/1-8 TELE-TYPEWRITERS

V  
CAT.

SHEET 3  
CONTINUED ON  
SHEET 4

DRG. No.

5048800

OZALID 9038

INTERNATIONAL COMPUTERS LIMITED ©


824101

A3 b

DRAWN BY R. LOGAN DATE 8-69 NOTES RICHES

MACHINE VARIANTS LIST						MACHINE TYPE NUMBER		V1	V2	V3	V4	V5	V6	V7					
						VARIANT PART NUMBER		5048865	5048866	5048867	5048868	5048869	5048870	5048871					
ISS.	SER.	ASSEMBLY No.	ITEM	PART No.	C.	DESCRIPTION		ISS.	QTY.	ISS.	QTY.	ISS.	QTY.	ISS.	QTY.	ISS.	QTY.	ISS.	QTY.
				5048801	A	TYPEWRITER G. A.				INSTRUCTIONS FOR		ASSEMBLY.							
				5048802	D	BASIC KIT LIST. PPL.			1		1		1		1		1		1
	1	5048801	1	5048803	B	TYPEWRITER. 7072/1 + F1219			1										
	2	5048801	2	5048804	B	TYPEWRITER. 7072/2 + F1219					1								
	3	5048801	3	5048805	B	TYPEWRITER 7072/1 + F1219 + F1220						1							
	4	5048801	4	5048806	B	TYPEWRITER 7072/2 + F1219 + F1220							1						
	5	5048801	5	5048807	B	TYPEWRITER. 7072/1 + F1219 + F1290.								1					
	6	5048801	6	5048808	B	TYPEWRITER. 7072/2 + F1219 + F1290.										1			
	7	5048801	7	5048809	B	TYPEWRITER 7072/1 + F1219 + F1215.													1
CUSTOMER SELECT ITEMS																			
	8	5048801	65	5038024	D	MODEM INTERFACE CABLEFORMS COMPOSITE DRAWING			1		1		1		1		1		1
ISSUE: 1 1 2 • 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2																			
SHEET 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20																			
ISSUE NUMBERS OF OTHER SHEETS AT TIME OF ISSUING THIS SHEET																			

ISSUE	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
C.N.	YR512-2	P486-3	10069																
DATE	8-69	12-69	12-70																

 7072/1-8  
TELE-  
TYPEWRITERS

5048800 / 2  
ISSUE

4  
SHEET

V  
CAT.



725

DRAWN BY	R. LOGAN	DATE	8-69	NOTES	Riches
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DRAWN BY R. LOGAN

DATE 8-69

NOTES

Riches

MACHINE VARIANTS LIST						MACHINE TYPE NUMBER		V15		V16		V17		V18		V19		V20		V21	
						VARIANT PART NUMBER		5048879		5048880		5048881		5048882		5048883		5048884		5048885	
ISS.	SER.	ASSEMBLY No.	ITEM	PART No.	C	DESCRIPTION		ISS.	QTY.	ISS.	QTY.	ISS.	QTY.	ISS.	QTY.	ISS.	QTY.	ISS.	QTY.	ISS.	QTY.
				5048801	A	TYPEWRITER G.A.				INSTRUCTIONS FOR ASSEMBLY											
				5048802	D	BASIC KIT LIST. P.P.L.			1		1		1		1		1		1		1
	16	5048801	15	5048817	B	TYPEWRITER. 7072/3 + F1219 + F1220.			1												
	17	5048801	16	5048818	B	TYPEWRITER. 7072/4 + F1219 + F1220.					1										
	18	5048801	17	5048819	B	TYPEWRITER. 7072/3 + F1219 + F1220.							1								
	19	5048801	18	5048820	B	TYPEWRITER. 7072/4 + F1219 + F1220.									1						
	20	5048801	19	5048821	B	TYPEWRITER. 7072/3 + F1219 + F1215.											1				
	21	5048801	20	5048822	B	TYPEWRITER. 7072/4 + F1219 + F1215.													1		
	22	5048801	21	5048823	B	TYPEWRITER. 7072/3 + F1219 + F1220 + F1215.															1
CUSTOMER SELECT ITEMS																					
	8	5048801	65	5038024	D	MODEM INTERFACE CABLEFORMS COMPOSITE DRAWING			1		1		1		1		1		1		1
<div style="display: flex; justify-content: space-between;"> <div> <p>ISSUE: 1 1 2 2 2 • 2 2 2 2 2 2 2 2 2</p> <p>SHEET 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20</p> <p>ISSUE NUMBERS OF OTHER SHEETS AT TIME OF ISSUING THIS SHEET</p> </div> <div> <p>7072/1-8</p> <p>TELE-</p> <p>TYPEWRITERS</p> </div> <div> <p>5048800</p> <p>/2</p> <p>6</p> <p>V</p> </div> </div>																					

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DRAWN BY R. LOGAN  
DATE 8-69  
NOTES RICHES

MACHINE VARIANTS LIST						MACHINE TYPE NUMBER		V36		V37		V38		V39		V40		V41		V42	
						VARIANT PART NUMBER		5049056		5049057		5049058		5049059		5049060		5049061		5049062	
ISS.	SER.	ASSEMBLY No.	ITEM	PART No.	C	DESCRIPTION		ISS.	QTY.	ISS.	QTY.	ISS.	QTY.	ISS.	QTY.	ISS.	QTY.	ISS.	QTY.	ISS.	QTY.
				5048801	A	TYPEWRITER G. A.				INSTRUCTIONS FOR ASSEMBLY.											
				5048802	D	BASIC KIT LIST. PPL.			1		1		1		1		1		1		1
37	5048801	36	5048838	B	TYPEWRITER. 7072/4 + F1219 + F1220 + F1214 + F1215			1													
38	5048801	37	5048839	B	TYPEWRITER. 7072/5 + F1219					1											
39	5048801	38	5048840	B	TYPEWRITER 7072/6 + F1219						1										
40	5048801	39	5048841	B	TYPEWRITER. 7072/5 + F1219 + F1221							1									
41	5048801	40	5048842	B	TYPEWRITER. 7072/6 + F1219 + F1221										1						
42	5048801	41	5048843	B	TYPEWRITER. 7072/5 + F1219 + F1215													1			
43	5048801	42	5048844	B	TYPEWRITER. 7072/6 + F1219 + F1215																1
CUSTOMER SELECT ITEMS																					
8	5048801	65	5038024	D	MODEM INTERFACE CABLEFORMS COMPOSITE DRAWING			1		1		1		1		1		1		1	
<div style="display: flex; justify-content: space-between;"> <div> <p>ISSUE: 1 1 2 2 2 2 2 2 • 2 2 2 2 2 2</p> <p>SHEET 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20</p> <p>ISSUE NUMBERS OF OTHER SHEETS AT TIME OF ISSUING THIS SHEET</p> </div> <div> <p>7072/1-B</p> <p>TELE-</p> <p>TYPEWRITERS</p> </div> <div> <p>5048800</p> <p>/ 2</p> <p>9</p> <p>V</p> </div> </div>																					

DRAWN BY R. LOGAN DATE 8-69 NOTES RICHES

MACHINE VARIANTS LIST						MACHINE TYPE NUMBER		V43		V44		V45		V46		V47		V48		V49									
						VARIANT PART NUMBER		5049063		5049064		5049065		5049066		5049067		5049068		5049069									
ISS.	SER.	ASSEMBLY No.	ITEM	PART No.	C	DESCRIPTION		ISS.	QTY.	ISS.	QTY.	ISS.	QTY.	ISS.	QTY.	ISS.	QTY.	ISS.	QTY.	ISS.	QTY.								
				5048801	A	TYPEWRITER G.A.				INSTRUCTIONS FOR ASSEMBLY																			
				5048802	D	BASIC KIT LIST. P.P.L.			1		1		1		1		1		1		1								
44	5048801	43	5048845	B	TYPEWRITER 7072/6 + F1219 + F1215 + F1221			1																					
45	5048801	44	5048846	B	TYPEWRITER 7072/6 + F1219 + F1215 + F1221					1																			
46	5048801	45	5048847	B	TYPEWRITER 7072/7 + F1219							1																	
47	5048801	46	5048848	B	TYPEWRITER 7072/8 + F1219									1															
48	5048801	47	5048849	B	TYPEWRITER 7072/7 + F1219 + F1221											1													
49	5048801	48	5048850	B	TYPEWRITER 7072/8 + F1219 + F1221													1											
50	5048801	49	5048851	B	TYPEWRITER 7072/7 + F1219 + F1215																1								
CUSTOMER SELECT ITEMS																													
8	5048801	65	5038024	D	MODEM INTERFACE CABLEFORMS COMPOSITE DRAWING			1		1		1		1		1		1		1									

ISSUE	1	1	2																		
C.N.	YR512-2	P486-3	10069																		
DATE	8-69	12-69	12-70																		

7072/11-8  
TELE-  
TYPEWRITERS

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10

V

ISSUE: 1 1 2

SHEET 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

ISSUE NUMBERS OF OTHER SHEETS AT TIME OF ISSUING THIS SHEET



DRAWN BY R LOGAN

DATE 8-69

NOTES

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MACHINE VARIANTS LIST						MACHINE TYPE NUMBER		V50	V51	V52	V53	V54	V55	V56		
VARIANT PART NUMBER								5049070	5049071	5049072	5049073	5049074	5049075	5049076		
ISS.	SER.	ASSEMBLY No.	ITEM	PART No.	C	DESCRIPTION	ISS.	QTY.	ISS.	QTY.	ISS.	QTY.	ISS.	QTY.	ISS.	QTY.
				5048801	A	TYPEWRITER G.A										
				5048802	D	BASIC KIT LIST. P.P.L.		1		1		1		1		1
51	5048801	50	5048852	B		TYPEWRITER 7072/8 + F1219 + F1215		1								
52	5048801	51	5048853	B		TYPEWRITER 7072/7 + F1219 + F1215 + F1221				1						
53	5048801	52	5048854	B		TYPEWRITER 7072/8 + F1219 + F1215 + F1221					1					
54	5048801	53	5048855	B		TYPEWRITER 7072/7 + F1219 + F1214						1				
55	5048801	54	5048856	B		TYPEWRITER 7072/8 + F1219 + F1214							1			
56	5048801	55	5048857	B		TYPEWRITER 7072/7 + F1219 + F1214 + F1221									1	
57	5048801	56	5048858	B		TYPEWRITER 7072/2 + F1219 + F1214 + F1221										1
CUSTOMER SELECT ITEMS																
8	5048801	65	5038024	D		MODEM INTERFACE CABLEFORM COMPOSITE DRAWING		1		1		1		1		1
ISSUE						1	1	2	2	2	2	2	2	2	2	2
C.N.						12512-2	12512-3	10069								
DATE						8-69	12-69	12-70								
7072/1-8 TELE- TYPEWRITERS						5048800	/2	11	V	ISSUE: 1 1 2 2 2 2 2 2 2 2 • 2 2 2 2						
						ISSUE	SHEET	CAT.	SHEET 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20							
						ISSUE NUMBERS OF OTHER SHEETS AT TIME OF ISSUING THIS SHEET										

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DATE 8-69  
NOTES RICHES

MACHINE VARIANTS LIST						MACHINE TYPE NUMBER		V57	V58	V59	V60	V61	V62	V63			
						VARIANT PART NUMBER		5049077	5049078	5049079	5049080	5066701	5066702	5066703			
ISS.	SER.	ASSEMBLY No.	ITEM	PART No.	C	DESCRIPTION	ISS.	QTY.	ISS.	QTY.	ISS.	QTY.	ISS.	QTY.	ISS.	QTY.	
				5048801	A	TYPEWRITER G A			INSTRUCTIONS FOR ASSEMBLY								
				5048802	D	BASIC KIT LIST. PRL.		1		1		1		2	1	2	1
58	5048801	57	5048859	B		TYPEWRITER 7072/7 + F1219 + F1214 + F1215		1									
59	5048801	58	5048860	B		TYPEWRITER 7072/8 + F1219 + F1214 + F1215			1								
60	5048801	59	5048861	B		TYPEWRITER 7072/7 + F1219 + F1214 + F1215 + F1221				1							
61	5048801	60	5048862	B		TYPEWRITER 7072/8 + F1219 + F1214 + F1215 + F1221					1						
62	5048801	66	5059855	B		TYPEWRITER 7072/1 + F1307						2	1				
63	5048801	67	5059856	B		TYPEWRITER 7072/1 + F1307 + F1215								2	1		
64	5048801	68	5059857	B		TYPEWRITER 7072/2 + F1307										2	1
CUSTOMER SELECT ITEMS																	
8	5048801	65	5038024	D		MODEM INTERFACE CABLEFORMS COMPOSITE DRAWING		1		1		1		2	1	2	1
ISSUE: 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2																	
SHEET 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20																	
ISSUE NUMBERS OF OTHER SHEETS AT TIME OF ISSUING THIS SHEET																	



7072/1-8  
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5048800

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ISSUE NUMBERS OF OTHER SHEETS AT TIME OF ISSUING THIS SHEET																				

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2

## CONTENTS

Section	Sheet
1 GENERAL	3
1.1 Dimensions	3
1.2 Power Requirements	3
1.3 Environmental Conditions	3
1.4 External Connexions	3
1.5 On Site Connexions	3
2 TELETYPEWRITER INSTALLATION	3
2.1 Operating Checks	3
2.2 Siting	3

## RELATED DOCUMENTS

	Number
Technical Description	1111445
Maintenance Instructions	1111446
Pre-Packing Instructions	1111540
Teletype Bulletin 280B, Vol. 1. ASR	
Teletype Bulletin 280B, Vol. 2. ASR	
Teletype Bulletin 1187B, Parts. ASR	
Teletype Bulletin 281B, Vol. 1. KSR	
Teletype Bulletin 281B, Vol. 2. KSR	
Teletype Bulletin 1201B, Parts. KSR.	
Teletype Bulletin 295B, Motor Units	
Drawings:	
Model 35 Teletypewriter, ASR	LSX15257
Model 35 Teletypewriter, KSR	LSR15256
Telephone Circuits	LSR13882
Telegraph Circuits	LSO13859
Reader Step, Skip: Punch Controls and Run Out	LSO15264



135

## 1 GENERAL

There are eight variants of the 7072 Teletypewriter and although there are some dimensional differences the following instructions will serve as an outline for them all.

1.1 Dimensions

The overall dimensions covering the eight variants are listed below.

7072/3, 4, 7, 8 (ASR)	Width	40 inches
	Depth	24 inches
	Height	38.5 inches
	Weight	250 pounds

7072/1, 2, 5, 6 (KSR)	Width	20 inches
	Depth	24 inches
	Height	38.5 inches
	Weight	150 pounds

It should be noted that Datel 200 machines are 17 inches wider.

1.2 Power Requirements

This equipment requires a single-phase, 50 hertz power supply within the range 220 to 250 volts. Maximum continuous power consumption is 500 watts and the peak starting current for the motor is 9 amperes at 240 volts.

1.3 Environmental Conditions

The teletypewriters can operate in atmospheres having a relative humidity between 20 and 80 per cent at temperatures within the range 10 to 35 degrees centigrade.

1.4 External Connexions

Other than the mains lead the only external connexions required by the machine are the telegraph lines, 7072/1 to 4; or the modem cable, 7072/5 to 8. The modem cable is an 8-foot flying lead terminating in a 25-way connector that is permanently connected to the machine and only requires plugging into the modem. In the case of the 7072/1 to 4 variants it is necessary to remove the front stand cover to connect the telegraph lines.

1.5 On Site Connexions

- 1.5.1 7072/1 to 4 Cables used for local operation, such as between a Teletypewriter and the terminal at the processor site are three-core cables which should conform with the following requirements:

Max. Cable Length		Cable	Metric
miles	km	Type	Equivalent
3.7	6	14/.0076 in	16/.20 mm
5.6	9	23/.0076 in	24/.20 mm
11.2	18	40/.0076 in	30/.25 mm
18.7	30	70/.0076 in	50/.25 mm

For other cable lengths the core size must be such as to limit the resistance of each core to a maximum of 250 ohms. Connexions between a Teletypewriter and a Post Office junction box should be three-core cable.

- 1.5.2 7072/5 to 8 An extension cable incorporating two 25-way connectors is available if the 8-foot flying lead from the modem is too short.

## 2 TELETYPEWRITER INSTALLATION

2.1 Operating Checks

- 2.1.1 7072/1 to 4 Connect the Teletypewriter to the power supply and set the control switch to Local. Operate the keyboard observing that the appropriate character is printed or function performed by each key of the keyboard. Switch off the power supply if the equipment is to be moved for final siting.

- 2.1.2 7072/5 to 8 Connect the equipment to the power supply. Operate the keyboard observing that the appropriate character is printed or function performed by each key of the keyboard. Set the control switch to On Line and check that the alarm lamp lights.

- 2.1.3 7072/3, 4, 7, 8 Feed punched tape into the reader and prove that the printer and punch function correctly.

2.2 Siting

Position the machine as required by the installation, bolt the front feet of the stand to the floor if required, and adjust the levelling jacks at the rear of the stand to provide a firm and level support.

2

**No. 1111431**  
**Sheet 1**  
**Control sheet**

7072/7-102

The area adjacent to the list, marked "for production use only", is used to show the effect of change levels on the issue numbers of the listed documents. Changes in this area will not be subject to amendment action.

Note: Throughout this document the number in the left hand column denotes where and at what issue changes have been made.

1 C/T PACK

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**FORM B/131(3.69)**

7072/7 Teletypewriter			For production use only													
Manfctrs. Document No. Sht No. Title			Machine no.													
			CN Vol No.	CN Iss	CN No.	CN Iss No.	CN No.	CN Iss No.	CN No.	CN Iss No.	CN No.	CN Iss No.	CN No.	CN Iss No.	CN No.	CN Iss
280 B		Tele. Manual; Vol. 1, ASR														
280 B		Tele. Manual; Vol. 2, ASR														
1187 B		Tele. Manual; Parts, ASR														
5814 WD		Tele. Wir; Read. (LXD 804)														
6043 WD		Tele. Wir; Fric. Print. (LP 813)														
6384 WD		Tele. Schem; VSL 355														
6394 WD		Tele. Wir; LESU 13														
6395 WD		Tele. Wir; LAK 821														
6903 WD		Tele. Wir; Mode Sw. (198242)														
7584 WD		Tele. Wir; Copy Light (LAAC300)														
182630		Tele. Circuit Card														
198348		Tele. Circuit Card														



12

FORM 8/131(3.04)