

307

Parts Catalog

INTRODUCTION

This publication is provided solely as a guide for individuals who have received METTLER TOLEDO Technical Training in servicing the METTLER TOLEDO product.

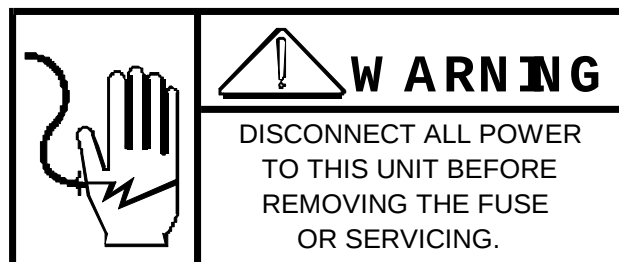
Information regarding METTLER TOLEDO Technical Training may be obtained by writing to:

METTLER TOLEDO
Training Center
P.O. Box 1705
Columbus, Ohio 43216
(614) 438-4400

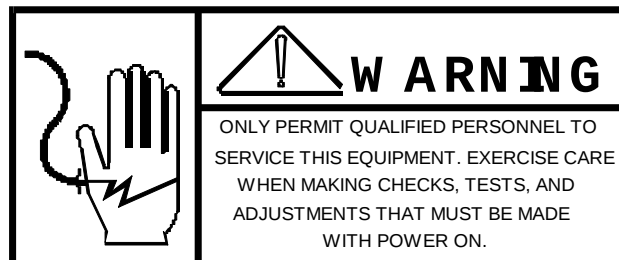
METTLER TOLEDO RESERVES THE RIGHT TO MAKE
REFINEMENTS OR CHANGES WITHOUT NOTICE.

PRECAUTIONS

- **READ** this manual before operating or servicing this equipment.
- **ALWAYS REMOVE POWER** and wait at least 30 seconds **BEFORE** connecting or disconnecting any internal harnesses. Failure to observe these precautions may result in damage to, or destruction of the equipment.



- **ALWAYS** take proper precautions when handling static sensitive devices.



- **SAVE** this manual for future reference.

- **DO NOT** allow untrained personnel to operate, clean, inspect, maintain, service, or tamper with this equipment.

- **ALWAYS DISCONNECT** this equipment from the power source before servicing.

- **CALL METTLER TOLEDO** for parts, information, and service.

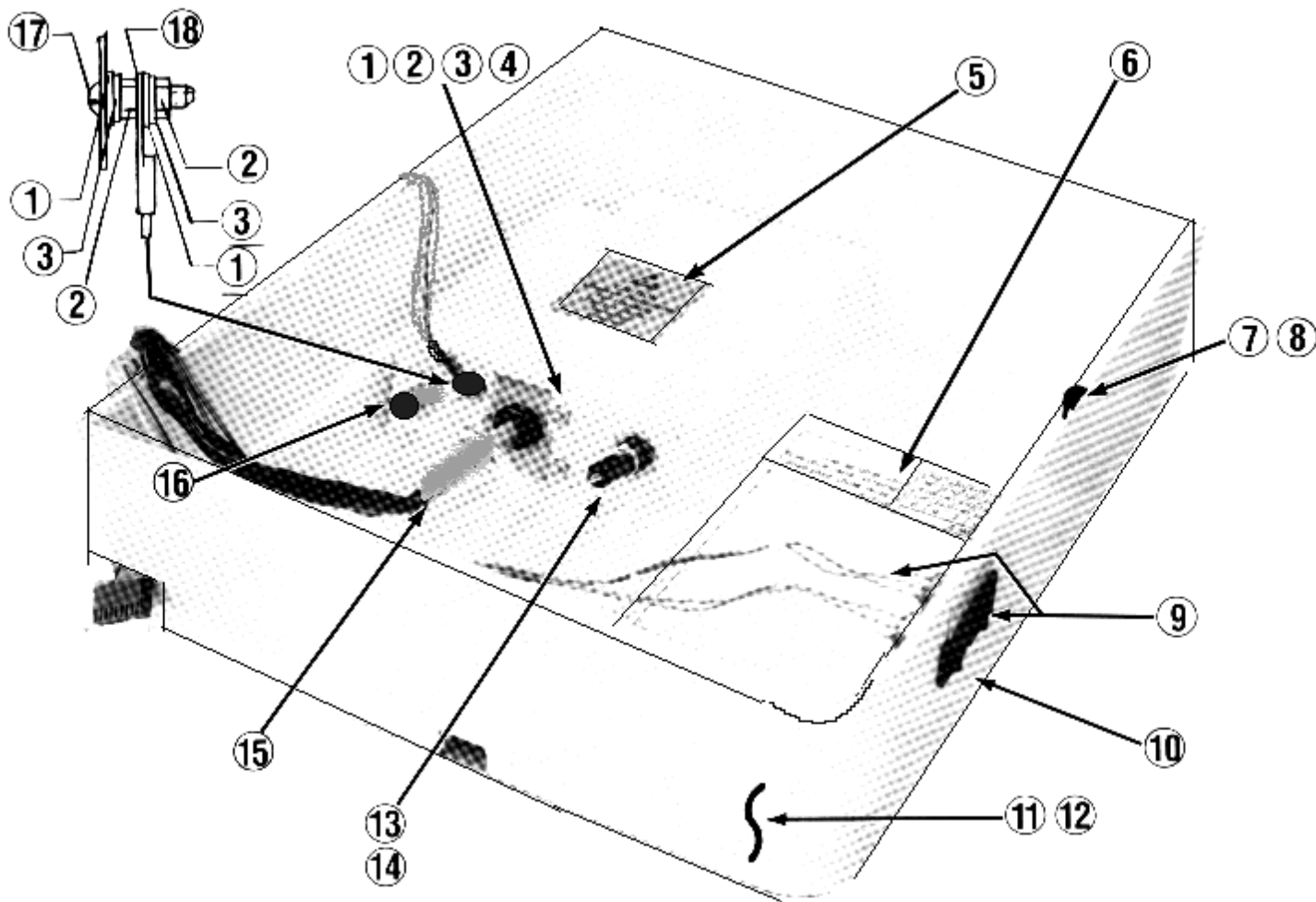


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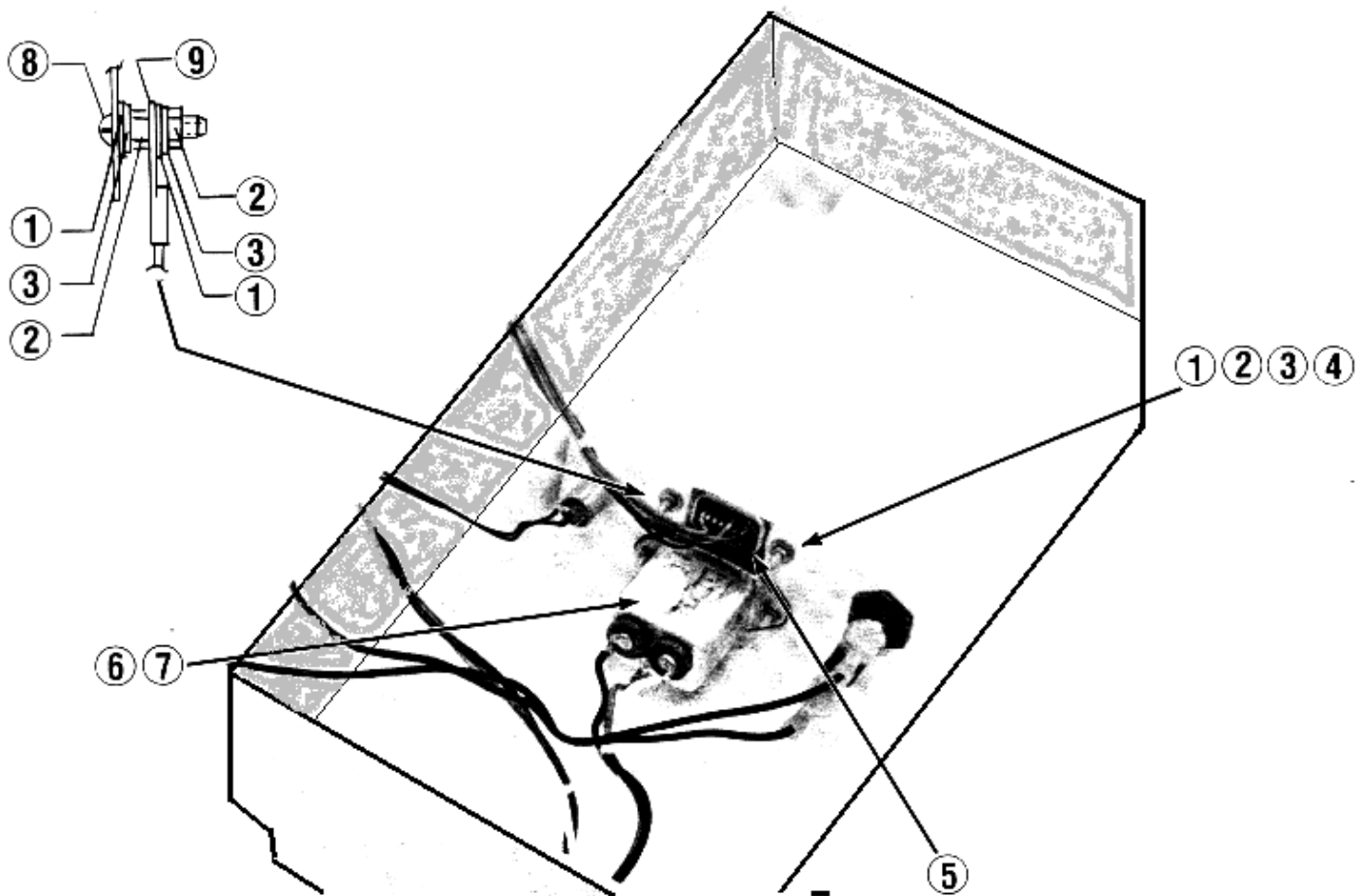
8. PARTS CATALOG

8.1 BOTTOM COVER/INTERCONNECTING HARNESS



REF.	PART NUMBER	DESCRIPTION	QTY.
1	074121050	Flat Washer, #4 x 5/16" (Rams 2 & 3)	5
2	R01678050	Nut, Hex #4-40 (Rams 2,3)	5
3	R01679050	Washer, #4 IT Lock (Rams 2 & 3)	5
4	R01865050	Screw, #4-40 x 1/2" (Rams 2 & 3)	3
5	11177000A	Decal, Static Caution	1
6	11360900A	Program Switch Decal	1
7	10839700A	Foot	1
8	A10874900A	Cover Support Spacer	1
9	11359300A	Switch, Rocker (Momentary) (Rams 2 & 3)	1
10	11359200A	Switch, Rocker (Alt. Action) (Rams 2 & 3)	1
11	11358700A	Bottom Cover (Rams 2 & 3)	1
12	B10733800A	Bottom Cover (Ram 1)	1
13	P00570020	Fuse, .3A SLO BLO	1
14	P00604020	Fuse Holder (Rams 1, 2, 3)	1
15	A11077500A	Cable Scale-Printer (Rams 2 & 3)	1
16	11358500A	Harness & Switch	1
17	R01982050	Screw, #4-40 x 5/8" (Rams 2 & 3)	1
18	11363800A	Harness, Ground (Rams 2 & 3)	1

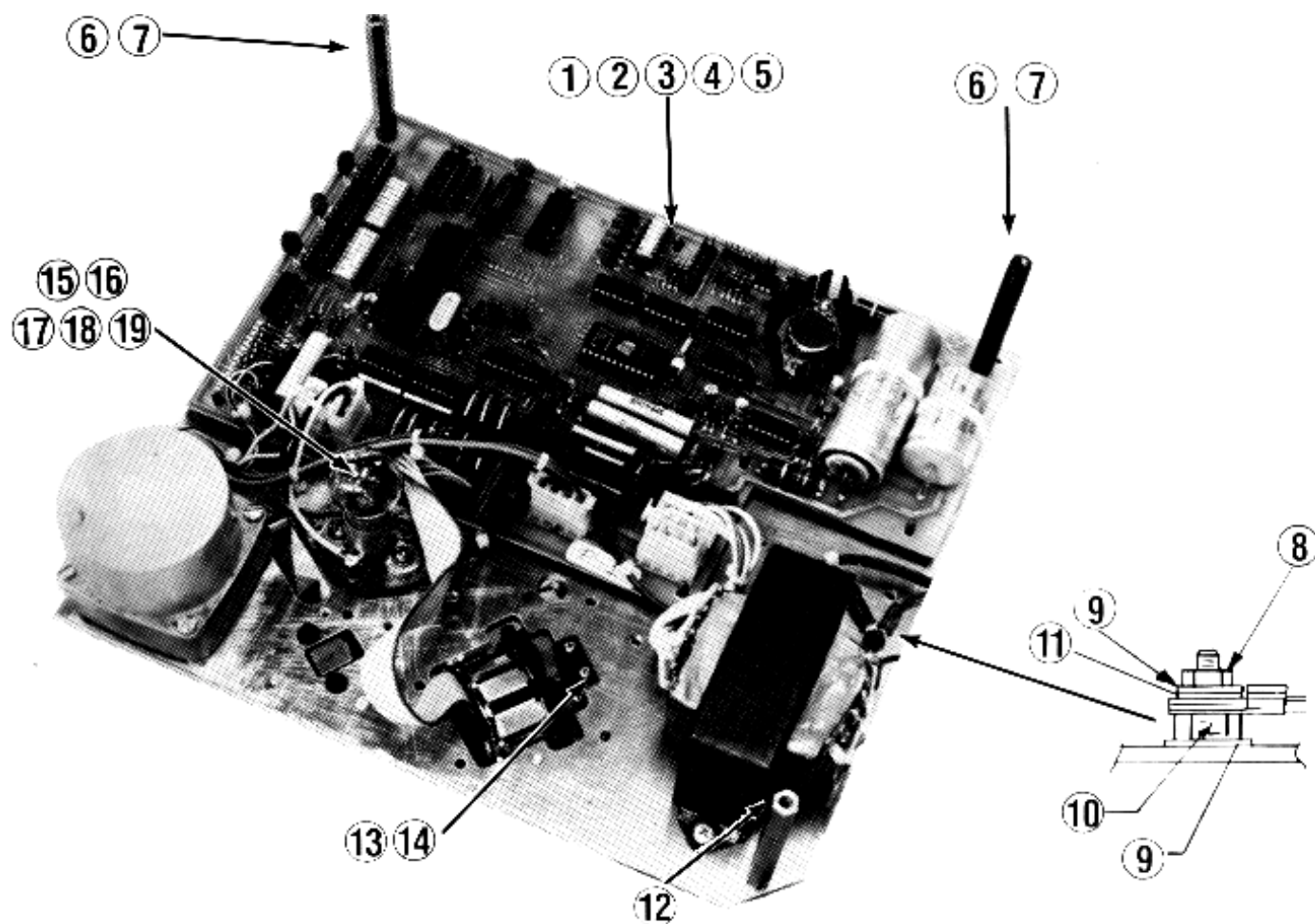
8.2 INTERCONNECTING HARNESS (RAM 1)



REF.	PART NUMBER	DESCRIPTION	QTY.
1	074121050	Flatwasher #4 (Ram 1)	5
2	R01678050	Nut Hex #4-40 (ram 1)	5
3	R01679050	Washer #4 IT Lock (Ram 1)	5
4	R01865050	Screw #4-40 x 1/2" (ram 1)	3
5	10736300A	Harness, Data Input (Ram 1)	1
6	10386700A	Line Cord, US & Canada (Ram 1)	(*)1
7	10737400A	Line Filter Harness (Ram 1)	1
8	R01982050	Screw #4-40 x 5/8" (Ram 1)	1
9	11363800A	Harness Ground (ram 1)	1

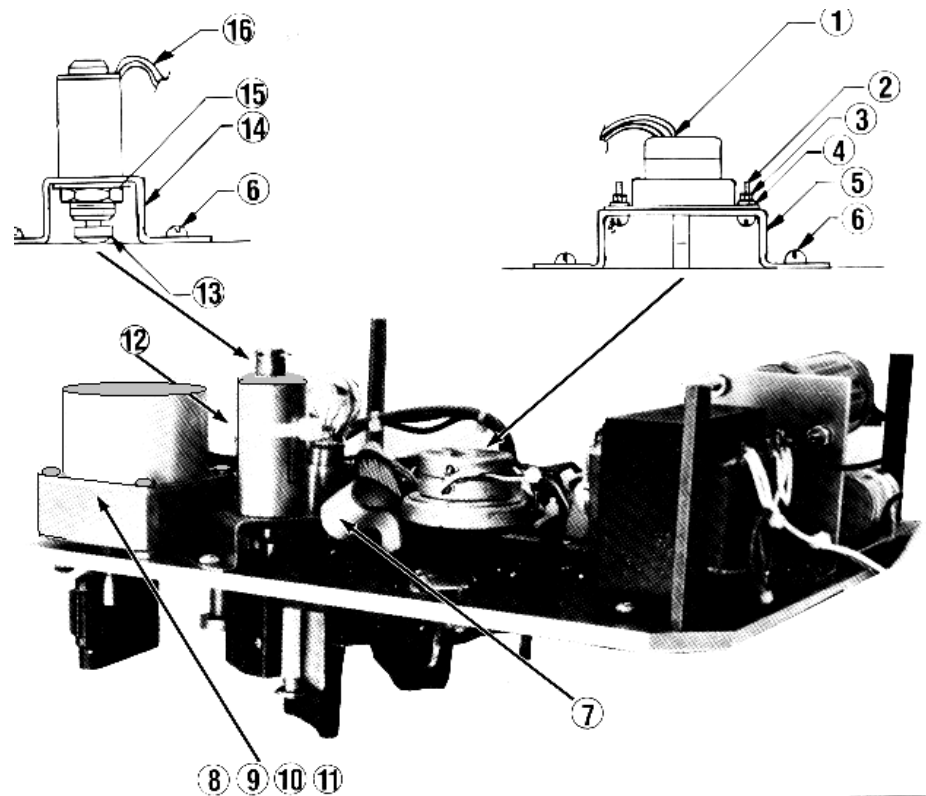
(*) Part not shown

8.3 PCB ASSEMBLY



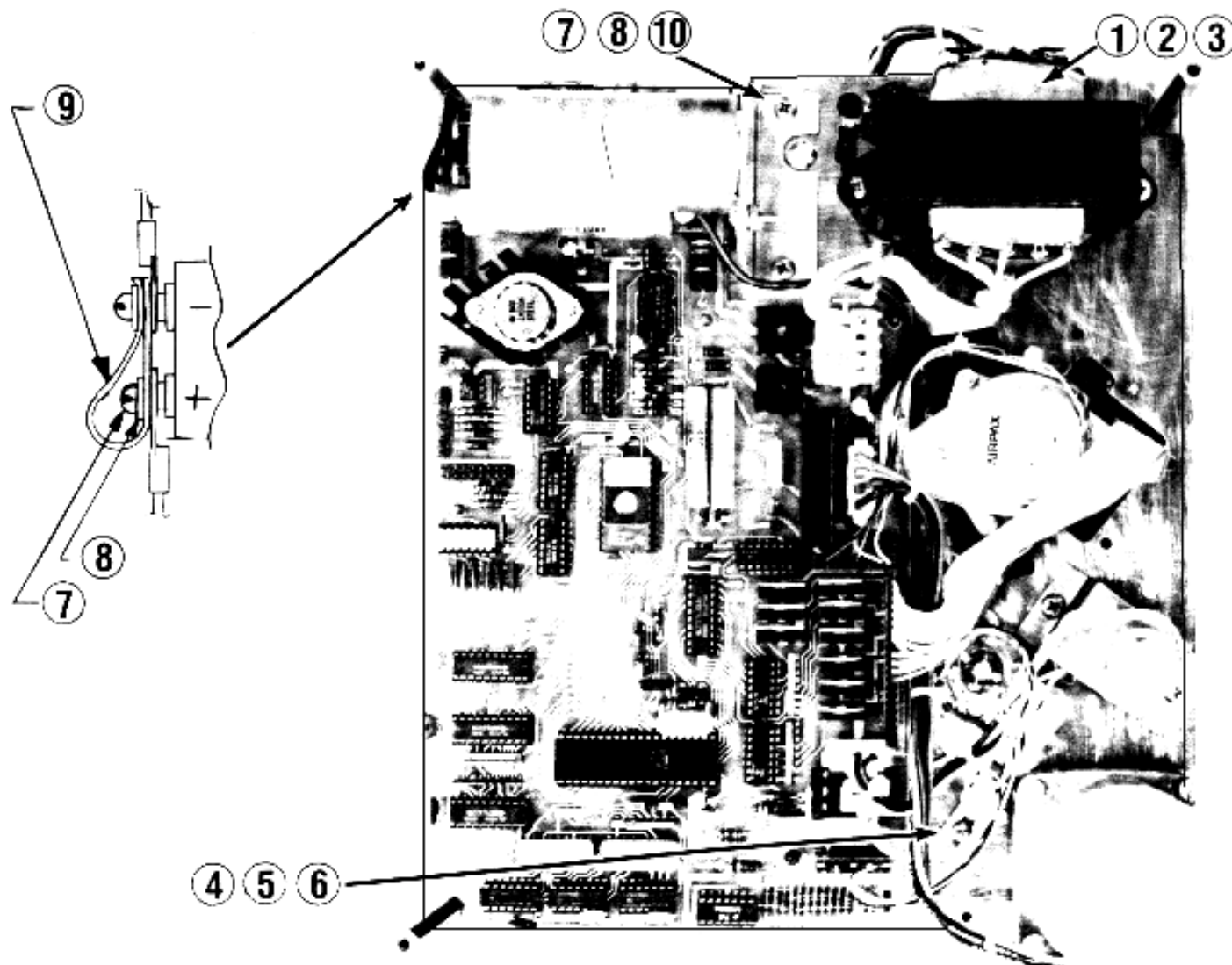
REF.	PART NUMBER	DESCRIPTION	QTY.
1	11357600A	PCB Assembly Control	1
2	11359500A	PCB Insulator	1
3	11365100A	Standoff #6-32 x 1/4"	5
4	11365200A	Nylon Washer, #6	5
5	R0286500A	Screw, #8-32 x 1/4"	5
6	11359700A	Hex Post	2
7	11363900A	Spacer	2
8	R01611050	Nut, Hex #4-40	1
9	R00589210	Washer, #8-32 IT Lock	2
10	11365000A	Standoff #8-32 x 1/4"	1
11	R0313000A	Washer, Plain	1
12	10734900A	Hexpost	1
13	R01916050	Screw, #4-40 x 1/4"	2
14	10733100A	Cartridge Retainer Spring	1
15	R01771050	Washer, #6 IT Lock	2
16	R03132050	Screw, #6-32 x 7/16"	2
17	11364800A	Spacer #6 Clearance	2
18	10728400A	Lamp #315 - 28 V	1
19	11358400A	Harness Storage	1

8.4 DRIVE MOTORS



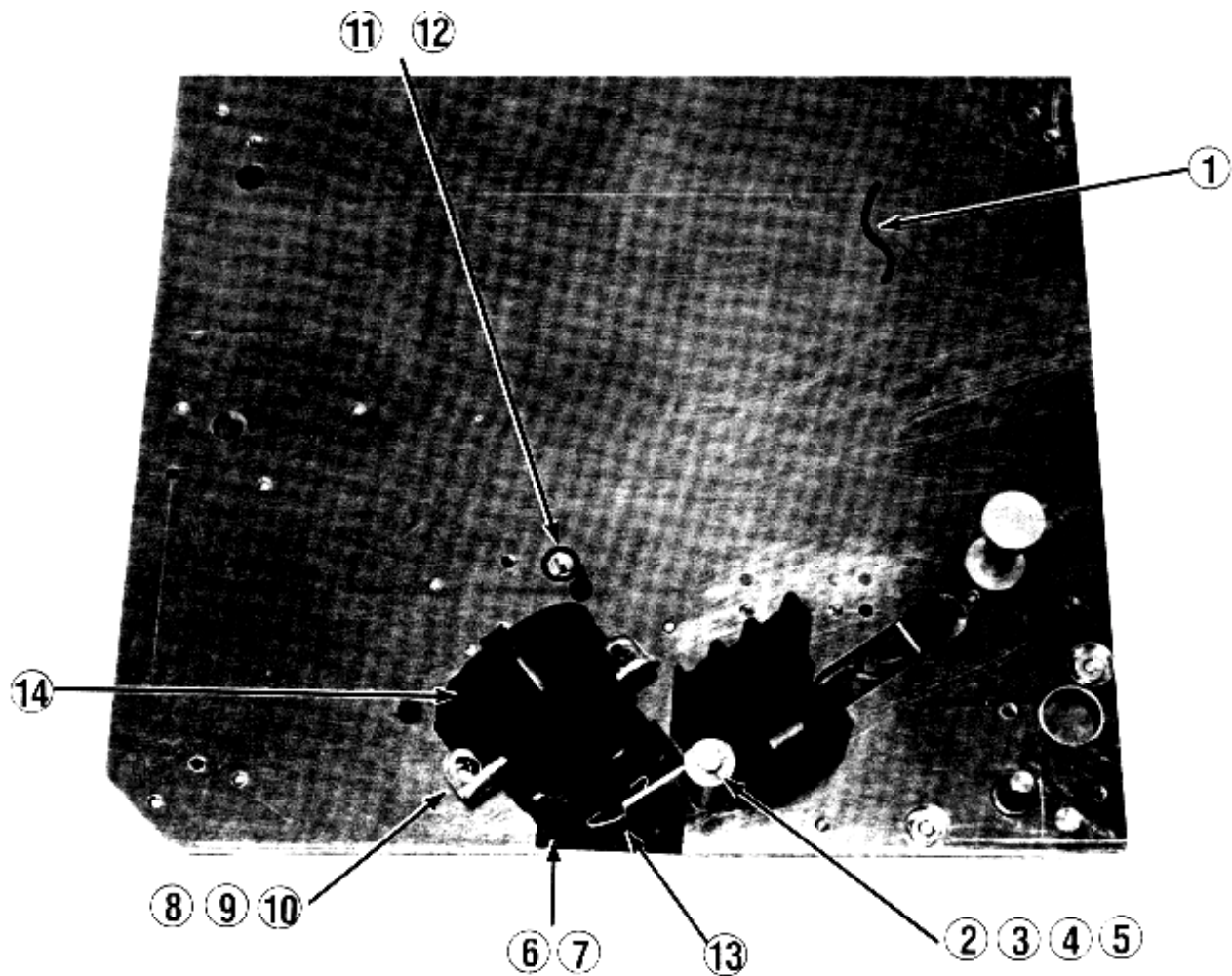
REF.	PART NUMBER	DESCRIPTION	QTY.
1	11358300A	Harness & Ribbon Motor	1
2	R01865050	Screw, #4-40 x 1/2"	2
3	R01678050	Nut, Hex #4-40	2
4	R01679050	Washer, #4 IT Lock	2
5	11359800A	Mounting Bracket, Ribbon Motor	1
6	R0255900A	Screw #8-32 x 5/16" Tap (Qty. 2 used in Rams 2)	4
7	11358100A	Harness & Printhead	1
8	R01611050	Nut, Hex #8-32	2
9	R00589210	Washer #8 Lock	2
10	148071050	Spacer, Round .111 Lg.	2
11	11358200A	Harness & Paper Motor	1
12	019591500A	Clamp, Band 2.88"	1
13	10780900A	Knob, Solenoid Act. (Ram 2)	1
14	11026600A	Solenoid Mounting Bracket (Ram 2)	1
15	R01684210	IT Lockwasher 3/4" (Ram 2)	1
16	11068100A	Solenoid & Harness (Ram 2)	1

8.5 PHOTOCELL / TRANSFORMER ASSEMBLY



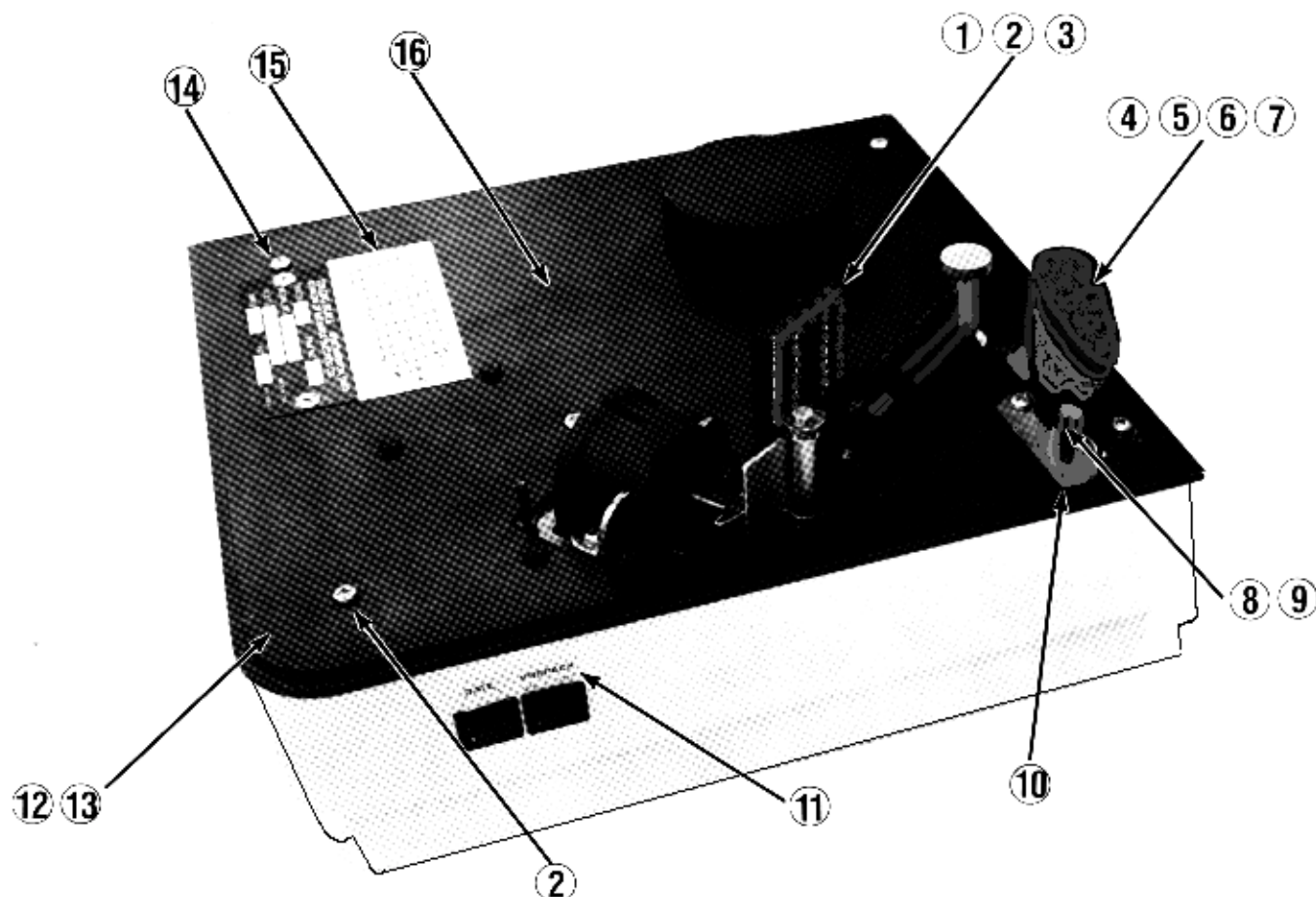
REF.	PART NUMBER	DESCRIPTION	QTY.
1	R0255900A	Screw #8-32 x 5/16" Tap	2
2	000786210	Washer, Plain	2
3	11363500A	Transformer Assy. 120V (Rams 1,2, 3)	1
4	11358000A	Photocell & harness	1
5	R0286500A	Screw #6-32 x 1/4" Ph. Rhd.	1
6	R0311500A	washer, Spring	1
7	R0247300A	Screw #8-32 x 3/8" Pan Hd.	4
8	R00589210	washer #8 IT Lock	4
9	11364600A	Insulator, Fishpaper	1
10	11360700A	Support Bracket Assembly	1

8.6 PRINTHEAD ASSEMBLY



REF.	PART NUMBER	DESCRIPTION	QTY.
1	A11360300A	Support Plate Assembly	1
2	A10733400A	Impact Platen, Printer	1
3	A10733500A	Spring, Platen Return	1
4	023112020	Flatwasher, 1/4 x 1/2 SS	1
5	R0247900A	E-Ring, 1/2 Shaft-SS	1
6	R0247300A	Screw, #8-32 x 3/8	2
7	A11359600A	Index Plate, Platen	1
8	R0311600A	Screw, #6-32 x 1/2	2
9	R0311500A	Washer #6 Spring	2
10	11358900A	Spacer, Printhead	2
11	R0247600A	Screw, Set #4-40 x .125	1
12	10735200A	Ribbon Drive Shaft	1
13	11365300A	Nose Guide	1
14	11358100A	Printhead & Harness	1

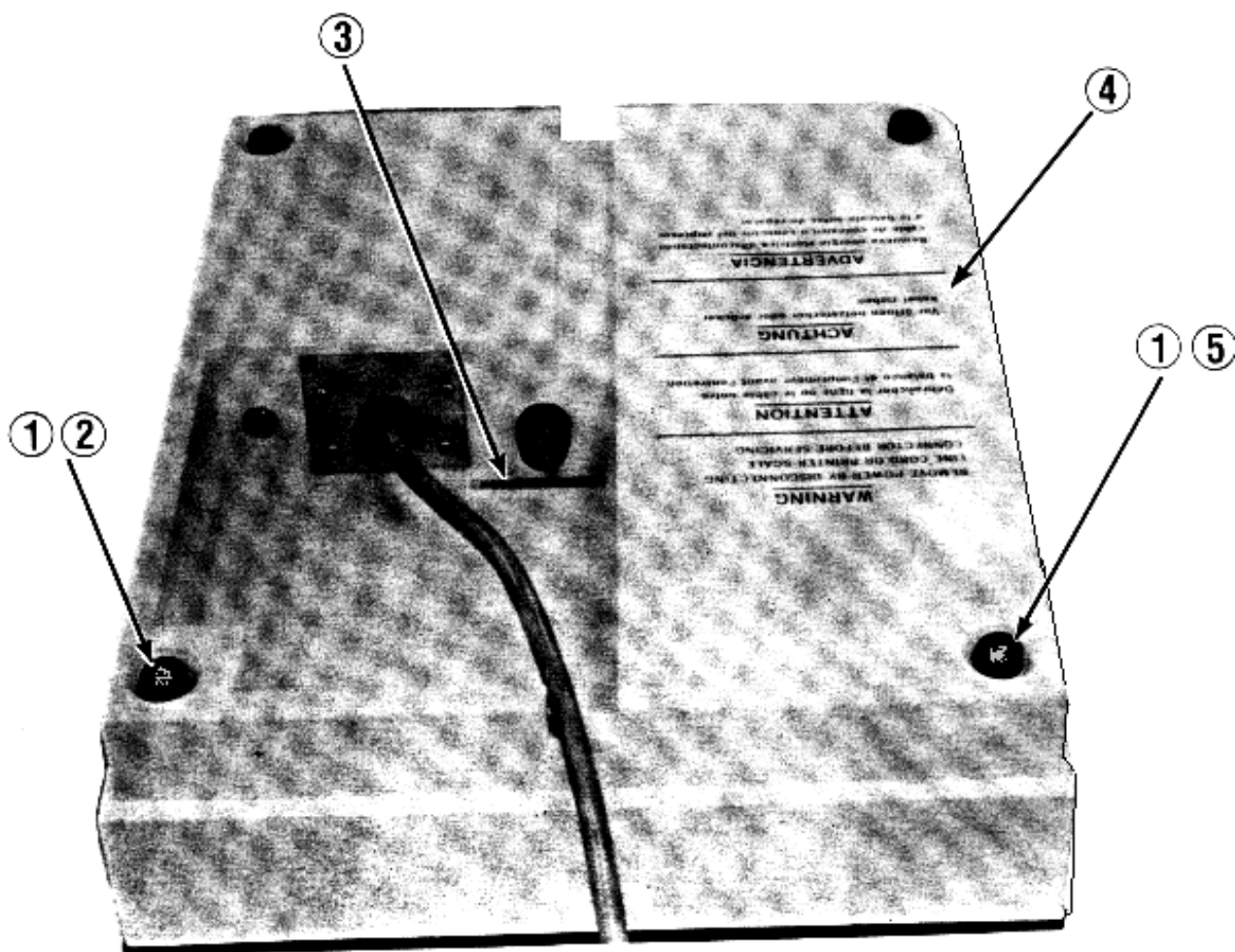
8.7 MAIN PLATE COVER



REF.	PART NUMBER	DESCRIPTION	QTY.
1	11357100A	Commodity Stamp (ram 2)	1
2	R0247300A	Screw, #8-32 x 3/8, Pan Hd. (Qty. (2) Used in Ram 2)	7
3	R0230200A	Screw, #8-32 x 1/2" Hex Hd. (Ram 2)	2
4	10733900A	Liner Drive Rel. Assy.	1
5	004805210	Washer, Flat "8	2
6	R00589210	Washer, #8 Lock	2
7	R0286400A	Scarew, #8-32 x 3/8	2
8	11371000A	Drive Gear, Liner Dr.	1
9	R01555020	Screw, Set	1
10	11370900A	Release Liner Guide	1
11	11360600A	Decal, Date Prepack	1
12	E10733700A	Cover Support Plate (Ram 1 & 3)	1
13	A11075500A	Main Plate Cover (Ram 2)	1
14	R0245900A	Blind Rivet, Plastic	2
15	11397300A	Label, FCC (Not-Tested) (Rams 1,2, & 3)	1
16	10730000a	Ribbon Cartridge, Black	(*)1

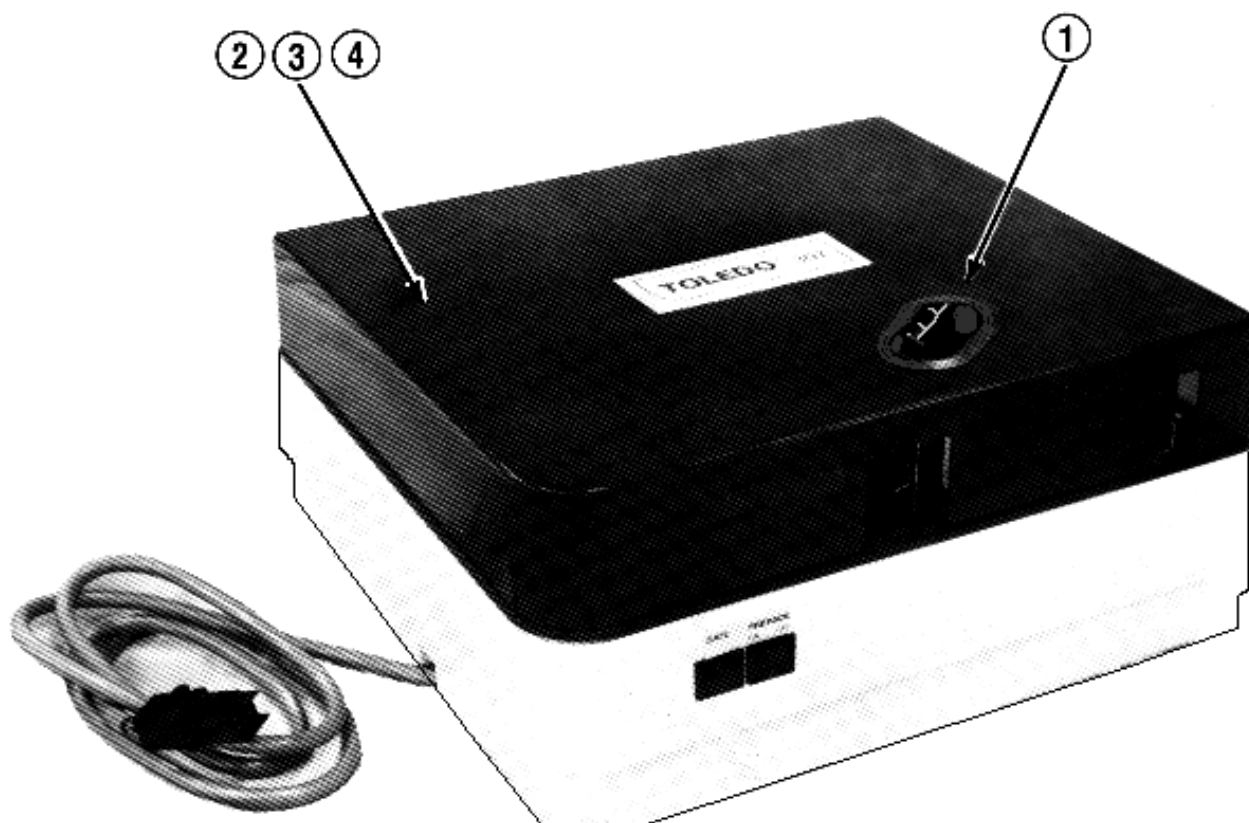
(*) Part Not Shown

8.8 BOTTOM COVER (EXTERNAL)



REF.	PART NUMBER	DESCRIPTION	QTY.
1	10735100A	Bumper/Foot #6 Clear	4
2	R0243400A	Screw, #6-32 x 5/8 Stl. Steel	3
3	10497000A	Label, Fuse Rating	1
4	11077400A	Label, Warning - 4 Lang.	1
5	R0249800A	Screw, #6-32 x 5/8 Nylon	1

8.9 TOP COVER



REF.	PART NUMBER	DESCRIPTION	QTY.
1	1150800A	Grommet (Ram 0002)	1
2	11360800B	Top Cover (Without Hole) (Ram 0003)	1
3	11360800A	Top Cover (With Hole) (Ram 0002)	1
4	11646100A	Top Cover (Ram 0001)	1

Conversion K.O.P.'s

To convert 307 Rams 2 and 3 to character Serial Data Type for Models 8203/8403 Order Kit No. 113628 00A.

This kit consists of:

QTY.	PART NUMBER	DESCRIPTION
1	A11363300A	Cable, Scale-Printer
2	11362700A	Conv. Instruction Sheet

To convert 307 Ram 2 to Line Cord Power Input for Industrial Scales Order Kit No. 11362900A.

This kit consists of:

QTY.	PART NUMBER	DESCRIPTION
1	10386700A	Line Cord, US & Canada
1	10736300A	Harness, Data Input
1	10737400A	Line Filter Harness
1	B10733800A	Bottom Cover
1	11362600A	Conv. Instruction Sheet