

METTLER TOLEDO

Aftermarket Industrial Parts
Quick Reference Guide

CONTENTS

Model	Page
0760 DigiTOL POWERCELL	1
0951 Mechanical Conversion Kits	2
0951 Load Cell Conversion Kit	2
0957 FLEXMOUNT	3-4
0958 CENTERLIGN	5-6
0958 FLEXMOUNT HD Level Detection	7
0958 FLEXMOUNT HD Weigh Modules	8
0958 FLEXMOUNT MS/SS Weigh Modules	9-11
0970 Ringmount Weigh Modules	12
0970 Gas Cylinder Scale	12
0972 UltraMount Weigh Module	13
0978 Tension Weigh Module	14
0990 Overhead Track Scale	15
0991 Overhead Track Scale	15
1938 Scale Base	16-17
1996 Scale Base	18
1997 Scale Base	18
2026 Front Cover – Plastic Enclosure	19-21
2038 Scale Base	22-23
2096 DigiTOL Scale Base	24
2097 Scale Base	25
2126 Scale Base	26
2155 Scale Base	27-29
2158 Scale Base	30
2160 Scale Base	31
2162 Load Cell	32
2196 Load Cell	33
2197 Scale Base	34
2254 Junction Box	35
2256 VLC Floor Scale	36
2266 Floor Scale	37-38
2888 Floor Scale	39-40
3015 Scale	41
3025 Scale	42
3115 Scale	43
3200 Scale	44-45
3205 Scale	46-47
3210 B Scale	48-49
4182 Mechanical Scale	50-51
7260 DigiTOL Railroad Track Scale	52-54
7360 RAILMATE	55-57
7431 Truck Scales	58
7460 Truck Scales	59
7461 TRUCKMATE	60-61
7531 Truck Scale	62
7541 Truck Scale	63
7560 Truck Scale	64-65
7561/7562 Truck Scale	66

Model	Page
7563 Truck Scale	67
7565 Truck Scale	68
7566 Truck Scale	69-70
8132 Terminal	71-72
8136 Terminal	73-74
8139 Terminal	75-79
8140 Terminal	80-86
8142 Terminal	87-94
8146 Terminal	95-102
8510 Terminal	103-104
8520 Terminal	105-107
8522 Terminal	108-110
8525 Terminal	111
8530 Terminal	112
8582 Counting Scale	113-117
8618 Scoreboard	118
8624 Remote Display	119-121
8804 Printer	122
8805 Printer	123
8806 Printer	123
8807 Ticket Printer	124
8808 Heavy Duty Printer	124
8846 Document Printer	124
8855 Printer	125
8857 Strip Printer	126
8861 Printer	126-127
8863 Label Printer	128
8865 Label Printer	128
8867 Label Printer	129
9127 Drumfiller	130
9182 Coin Counter Controller	131
9183 Casino Coin Counter	131-133
9215 Batchelor	134
9321 Load Cell Signal Converter	135
9323/9325 Output Module	135
9410 High Speed Junction Box	136
9411E In-Motion Rail Car Controllers	137
9476 Weighing Conveyor	138-140
9477 Weighing Conveyor	138-140
9482 Expressweigh	141
9483 Expresscheck	142-143
AB/PB-s Balances, Basic Level	144-147
AD310	148
AL/PL/PL-s Balances, Entry Level	149-150
BC Counting Scale	151-154
CB/CBU Scale Bases	155-156
Cougar - Standard	157
Cougar – Vehicle	158

CONTENTS

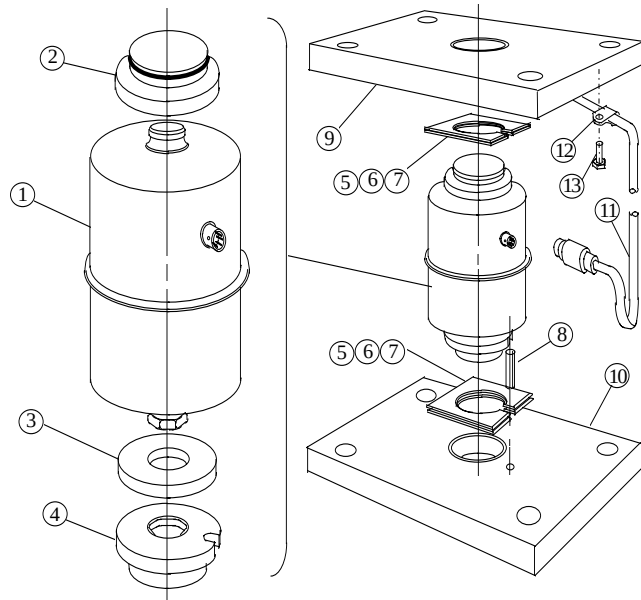
Model	Page
GA46 Printer	159
GB BaseLine	160-161
GD12 MultiRange.....	162
GD14 MultiRange.....	162
GD31 MultiRange.....	163
GD46 MultiRange.....	163
HAWK Terminal	164
HAWK Harsh	165
HD BaseLine	166
ID1	167
ID1 Plus	168
ID1 Plus-Analog	168
ID2	169
ID2SX	169
ID5	170
ID7	171
ID7 ²⁰⁰⁰	172
ID7 ^{24V}	173-174
ID7 ^{SX}	175
ID7 ^{XX}	176-177
IND310 Truck Scale Controller	180
Ink Ribbons	181
ISB	182
JAGUAR	183-189
JAGXTREME	190-197
JXOI	198-199
Junction Box.....	200
KA Platforms	201
KB Platforms	202
KC120/KC240 Platforms	203
KCC150/KCC300 Platforms.....	204
KC300/KCS300/KC600/KCS600 Bases	205
KD/KE/KES/KE...s Bases	206
KG Base	207
KN Base	208
KX	209
LYNX.....	210-212
LynxBatch	213-216
MG4500	217
Modulo High Precision Weighing Module	218-220
Panda	221
Panther.....	222-223
Panther Plus.....	224
Panther Plus IP69k	225
PB-s/SB Trade Approved Balances, Basic Level.....	226-227
PG-s/SG Balances, Standard Level	228-229
PR/SR Balances, Professional Level	230-232
PS60 Parcel Scales	233

Model	Page
PS6L Parcel Scales.....	233
PS2+ Parcel Scales.....	234
PS90 – BASIC	235
PS90 – UPS	236
PSU	237-238
PUMA – Canada.....	239-240
PUMA – U.S.	239-240
Q.iMPACT Matroller	241-244
RAAD Box	245
R/S Base, Professional Level	246-247
SB Balances, Basic Level.....	248-252
SC05/SC15 Counting Scale	253
SC30/SC60 Counting Scale	253-256
SM	257
SpeedWeigh	258
SpeedWeigh Plus Terminal	259-260
TE15/30	262
TE60/120	263
Test Weights.....	264
TRIMWEIGH.....	265
TRIMWEIGH III Scale.....	268
UB.....	269
UADT	270
UATA	270
UWT	270
UltraRes Floor Scale	271-275
VIPER Small.....	276
VIPER Large.....	277
VIPER Scales with MonoBloc.....	278
Viper M	279
Viper L	279
Viper D.....	280
Viper EX	281-285
Viper RM.....	286
Viper RL.....	287
Viper RD	288
Viper RT	289-291
VLC Floor Scale	292
VLF Platform	293
VLM2 Value Line Weigh Module	294
VLM3 Value Line Weigh Module	295
VLX Shipping Dock Floor Scale	296
VTC210	297
WB BaseLine	298-300
WH BaseLine.....	301-303
Wildcat.....	304-305
XP	306-312

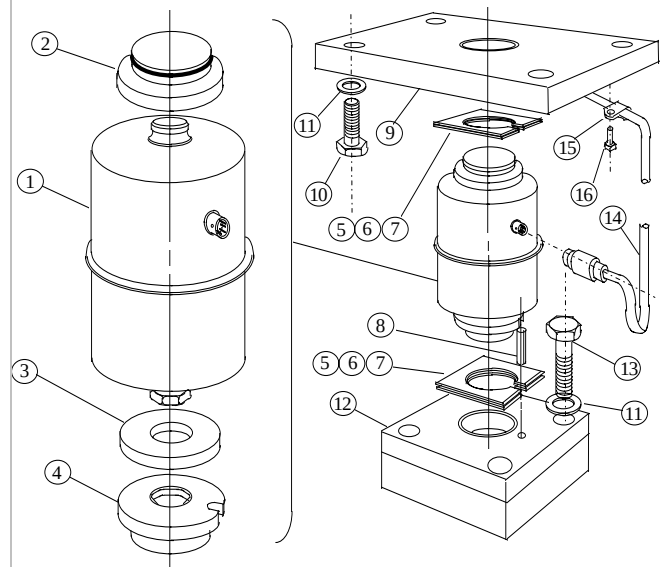
Model 0760 POWERCELL

0760 DigiTOL POWERCELL Conversion, 50K and 100K

Ref.	Part Number	Description	Qty.
1	*14002500A	22.5t (50 K) CMOS PowerCell	1
	*14002900A	45t (100 K) CMOS PowerCell	
2	TA200835	45t (100 K) Upper Receiver	1
3	TN203173	Gasket	1
4	TA200830	45t (100 K) Lower Receiver	1
5	TA200833-1	Receiver Shim, .12 inch	Var.
6	TA200833-2	Receiver Shim, .06 inch	Var.
7	TA200833-3	Receiver Shim, .19 inch	Var.
8	MZ0904000063	.50 inch Roll Pin x 1.50 Lg.	1
9	TA201541	Upper Receiver Plate, 1 x 8 x 16	1
10	TB200836-1	Lower Receiver Plate, 1 x 8 x 16	1
11	TA000088-035	PowerCell Cable x35 Foot Lg.	1
12	MZ0907000022	Cable Clamp	1
13	MZ0901010356	10-32 Hex. Hd. Screw x .50 Lg.	1
Ref.	TA000110-030	CMOS Interconnect Cable x 30 Foot Lg.	
Ref.	TB100474 -*X	CMOS Junction Box consist of :13635300A CMOS PCB	
Ref.	MZ0602000096	Teflon Grease	
Ref.	TA2009831	Locating Tool	
Ref.	TN203056	Connector Grease	



50K and 100K DigiTOL POWERCELL Conversion



50K POWERCELL Cap-Check Conversion

0760 POWERCELL Cap-Check Conversion, 50K

Ref.	Part Number	Description	Qty.
1	*14002500A	22.5t (50K) CMOS PowerCell	1
2	TA200764	22.5t (50K) Upper Receiver	1
3	TN203173	Gasket	1
4	TA200814	22.5t (50K) Lower Receiver	1
5	TA200712-1	22.5t (50K) Receiver Shim, .12 inch	Var.
6	TA200712-2	22.5t (50K) Receiver Shim, .06 inch	Var.
7	TA200712-3	22.5t (50K) Receiver Shim, .19 inch	Var.
8	MZ0904000063	.50 inch Roll Pin x 1.50 Lg.	1
9	TA201948	22.5t (50K) Upper Receiver Plate	1
10	MZ0901010125	5/8-11 Hex. Hd. Bolt x 3.00 Lg.	4
11	MZ0901030062	5/8 Washer	8
12	TA201947	22.5t (50K) Lower Receiver Plate	1
13	MZ0901010252	5/8-11 Hex. Hd. Bolt x 2.00 Lg.	4
14	TA000088-035	PowerCell Cable x 35 Foot Lg.	1
15	MZ0907000022	Cable Clamp	1
16	MZ0901010356	10-32 Hex. Hd. Screw x .50 Lg.	1
Ref.	TA000110-030	CMOS Interconnect Cable x 30 Foot Lg.	
Ref.	TB100474 -*X	CMOS Junction Box consist of : (1) *13635300A CMOS PCB	
Ref.	MZ0602000096	Teflon Grease	
Ref.	TA2009831	Locating Tool	
Ref.	TN203056	Connector Grease	
Ref.	TB202627	Connector Cleaner	

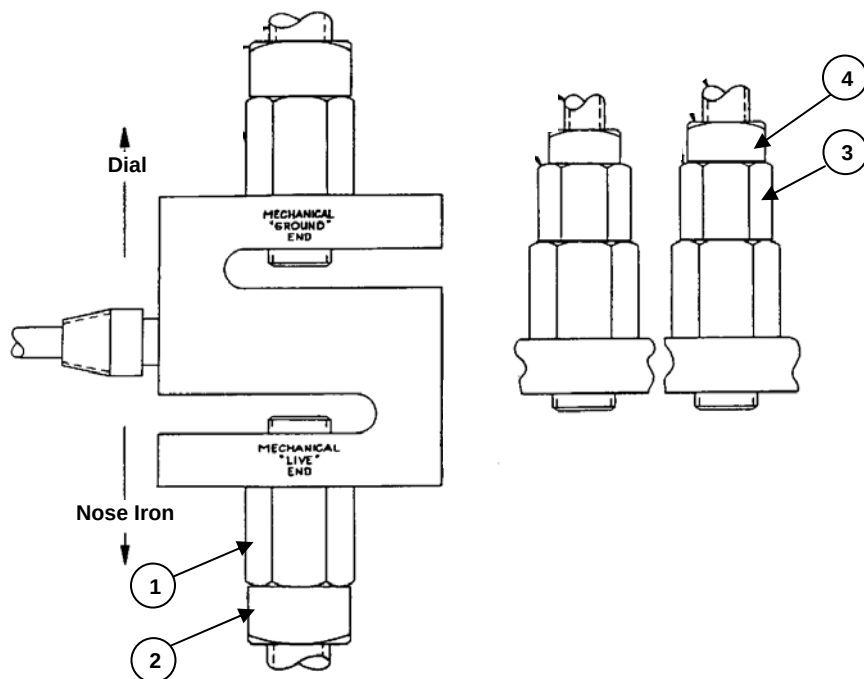
* Part number may have alpha prefix

*X = Number of Connectors on Junction Box (4, 5, 6, or 7 connector boxes available)

Model 0951 Conversion Kits

0951 Load Cell Conversion Kit

Ref.	Part Number	Description
General Purpose Commercial Weighing		
—	TA600238	3/8"-24 UNF, 50 lb
—	TA600240	3/8"-24 UNF, 100 lb
—	TA600242	3/8"-24 UNF, 200 lb
—	TA600246	1/2"-20 UNF, 500 lb
—	TA600250	1/2"-20 UNF, 1000 lb
—	TA600252	1/2"-20 UNF, 2000 lb
Vehicle Applications		
—	TA600243	3/8"-24 UNF, 200 lb
—	TA600247	1/2"-20 UNF, 500 lb
—	TA600251	1/2"-20 UNF, 1000 lb
—	TA600253	1/2"-20 UNF, 2000 lb



0951 Mechanical Conversion Kit

0951 Mechanical Conversion Kits

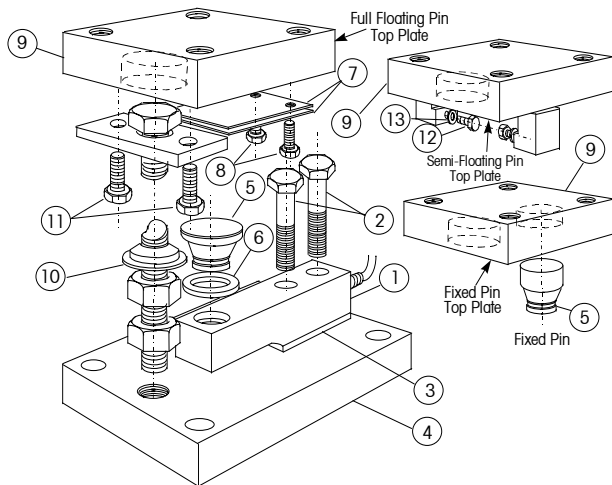
Ref.	Part Number	Description
1	A12304200A	1/2"-13 to 3/8"-24 Adaptor
—	A12304300A	1/2"-13 to 1/2"-20 Adaptor
2	R00432050	1/2"-13 Square Nut
3	A12307700A	1/2"-13 to 3/8"-16 Adaptor
—	A12307600A	1/2"-13 to 5/16"-18 Adaptor
4	R00446050	3/8"-16 Square Nut
—	R00468050	5/16" Square Nut
—	*12323000A	1/2-13 to 1/4-28 UNF, Zinc Plated
—	*12323200A	1/2-13 to 1/4-28 UNF, 17-4 PH Stainless
—	*12323300A	1/2-13 to 5/8-11 UNC, 17-4 PH Stainless Steel

*Part number may have an alpha prefix

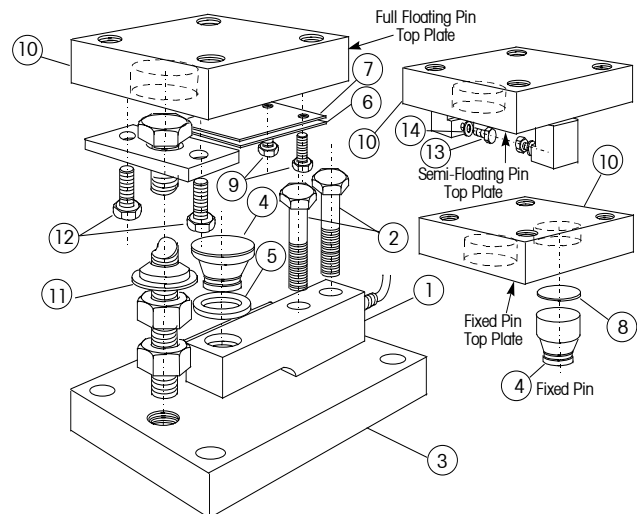
Model 0957 FLEXMOUNT

0957 FLEXMOUNT Assembly, 20K

Ref.	Part Number	Description	Qty
1	A13077500B *15237800A	20,000 lb Load Cell S.S. 350 Ohm (30 ft. cable) 9,072 KG C2 R60 OIML Load Cell S.S. 350 Ohm (30-ft cable)	
2	MZ0901010072 MZ0901010316	1-8 Hex. Hd. Bolt x 4.00" Lg. (Mild Steel Assb.) 1-8 Hex. Hd. Bolt x 4.00" Lg. (Stainless Steel Assb.)	
3	TN300578	Spacer Plate	1
4	MA61226-10 TA600037	Base Plate, Mild Steel Base Plate, Stainless Steel	1
5	MN61186 MA61005-3	Load Pin, floating Load Pin, fixed	1
6	MN61016-11	Dust Seal, Load Pin	1
7	MN61222-2	Shim, Stainless Steel .075" x 2.75" x 4.12" (used with the Semi and Full Floating Assemblies)	2
8	MZ0901010064	3/8-16 Hex. Hd. Screw x .50" Lg. (used with the Semi and Full Floating Assemblies)	4
9	MA61229-10 TA600040 MA61227-10 TA600038 MA61228-10 TA600039	Top Plate Full Floating Pin (Mild Steel Assb.) Top Plate Full Floating Pin (Stainless Steel Assb.) Top Plate Semi-Floating Pin (Mild Steel Assb.) Top Plate Semi-Floating Pin (Stainless Steel Assb.) Top Plate, Fixed Pin (Mild Steel Assb.) Top Plate, Fixed Pin (Stainless Steel Assb.)	1
10	TN600497 TN600041	Hold Down Bolt Assembly (Mild Steel Assb.) Hold Down Bolt Assembly (Stainless Steel Assb.)	1
11	MZ0901010459 MZ0901010083	5/8-11 Hex. Hd. Bolt x 1.25" Lg. (Mild Steel Assb.) 5/8-11 Hex. Hd. Bolt x 1.25" Lg. (Stainless Steel Assb.)	2
12	MZ0901010228	1/2-13 Hex. Hd. Screw S.S. x 1.00" Lg.	2
13	MZ0901030016	1/2 Plain Washer S.S.	4



20K FLEXMOUNT Assembly



45K FLEXMOUNT Assembly

0957 FLEXMOUNT Assembly, 45K

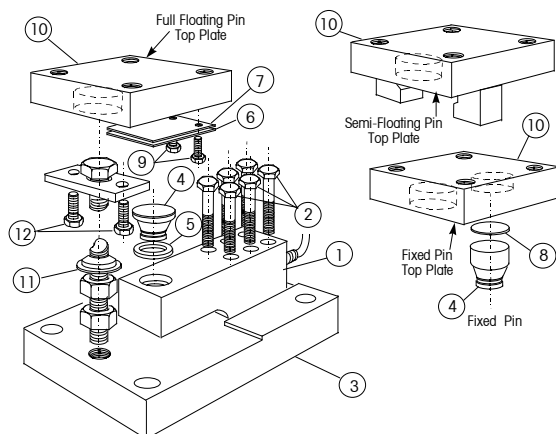
Ref.	Part Number	Description	Qty
1	*13929400A *15238200A	45,000 lb Load Cell S.S. 2,000 Ohm (30 ft. cable) 20,412 kg Load Cell S.S. C2 R60 OIML 2K Ohm (30-ft cable)	1
2	MZ0901010201 MZ0901010216	1 1/4 -7 Hex. Hd. Bolt x 5.00" Lg. (Mild Steel Assb.) 1 1/4 -7 Hex. Hd. Bolt x 5.00" Lg. (Stainless Steel Assb.)	2
3	MA61198-11 MA611198-2	Base Plate, Mild Steel Base Plate, Stainless Steel	1
4	MN61187 MA61005-4	Load Pin, floating Load Pin, fixed	1
5	MN61016-5	Dust Seal, Load Pin	1
6	MN61002-4 MN61002-6	Thick Shim, Stainless Steel .125" x 4.00" x 5.75" (used with the Full Floating Assembly) Thick Shim, Stainless Steel .125" x 3.00" x 5.75" (used with the Semi-Floating Assembly)	1
7	MN61004-4 MN61004-6	Thin Shim, Stainless Steel .075" x 4.00" x 5.75" (used with the Full Floating Assembly) Thin Shim, Stainless Steel .075" x 3.00" x 5.75" (used with the Semi-Floating Assembly)	1
8	MN61003-15	Shim, Fixed Pin	
9	MZ0901010064	3/8-16 Hex. Hd. Screw x .50" Lg. (used with the Semi and Full Floating Assemblies)	4
10	MA61012-14 MA61175-4 TB600058-2 TB600440 MA61013-14 MA61174-4	Top Plate Full Floating Pin (Mild Steel Assb.) Top Plate Full Floating Pin (Stainless Steel Assb.) Top Plate Semi-Floating Pin (Mild Steel Assb.) Top Plate Semi-Floating Pin (Stainless Steel Assb.) Top Plate, Fixed Pin (Mild Steel Assb.) Top Plate, Fixed Pin (Stainless Steel Assb.)	1
11	TN600494 TN600509	Hold Down Bolt Assembly (Mild Steel Assb.) Hold Down Bolt Assembly (Stainless Steel Assb.)	1
12	MZ0901010459 MZ0901010083	5/8-11 Hex. Hd. Bolt x 1.25" Lg. (Mild Steel Assb.) 5/8-11 Hex. Hd. Bolt x 1.25" Lg. (Stainless Steel Assb.)	2
13	MZ0901010223	3/4-10 Hex. Hd. Screw x 1.25" Lg.	2
14	MN32367	3/4 Plain Washer S.S.	4

* Part number may have alpha prefix

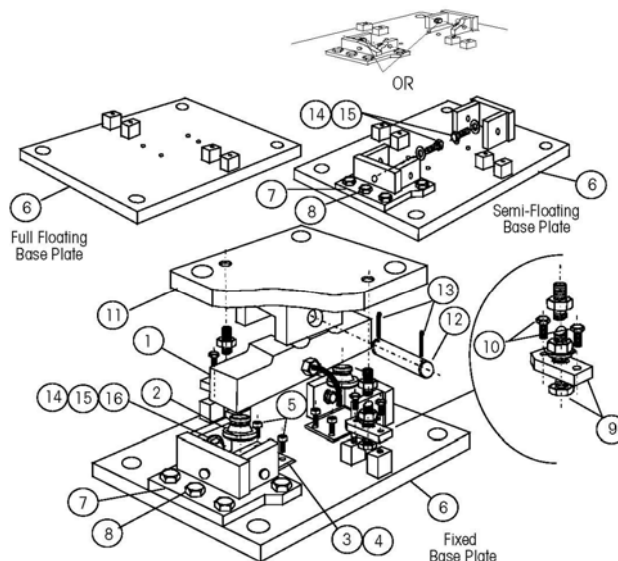
Model 0957 FLEXMOUNT

0957 FLEXMOUNT Assembly, 75K

Ref.	Part Number	Description	Qty
1	TB600510	75,000 lb Load Cell 350 Ohm (35 ft. cable)	1
2	MZ0901010039	3/4 -10 Hex. Hd. Bolt x 6.50" Lg.	6
3	MA61010-12	Base Plate, Mild Steel	1
4	MN61291	Load Pin, floating	1
	MA61289	Load Pin, fixed	
5	MN61016-4	Dust Seal, Load Pin	1
6	MN61002-4	Thick Shim, Stainless Steel .075" x 4.00" x 5.75" (used with Full & Semi-Floating Assemblies)	1
7	MN61004-4	Thin Shim, Stainless Steel .075" x 4.00" x 5.75" (used with Full & Semi-Floating Assemblies)	1
8	MN61003-15	Shim, Fixed Pin	
9	MZ0901010064	3/8-16 Hex. Hd. Screw x .50" Lg. (used with the Semi and Full Floating Assemblies)	4
10	MA61012-4	Top Plate, Full Floating Pin (Mild Steel Assb.)	1
	MB61011-4	Top Plate, Semi-Floating Pin (Mild Steel Assb.)	
	MA61013-4	Top Plate, Fixed Pin (Mild Steel Assb.)	
11	TN600498	Hold Down Bolt Assembly	1
12	MZ0901010459	5/8-11 Hex. Hd. Bolt x 1.50" Lg.	2



75K FLEXMOUNT Assembly



100 - 200K FLEXMOUNT Assembly

0957 FLEXMOUNT Assembly, 100K and 200K

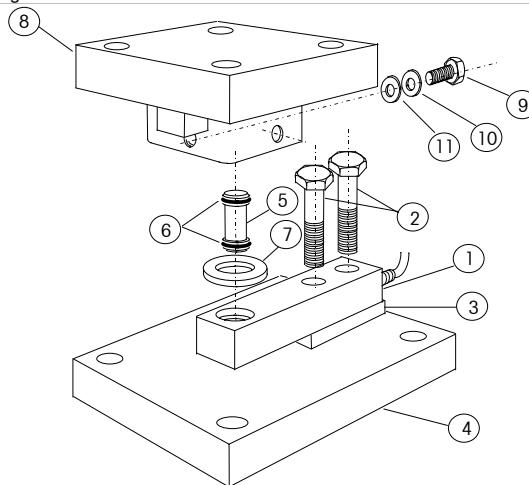
Ref.	Part Number	Description	Qty.
1	ML8511	100,000 lb Load Cell 1,000 Ohm (35 ft. cable)	1
	ML8521	200,000 lb Load Cell 1,000 Ohm (35 ft. cable)	
2	MN61206-1	Load Pin, Sliding (100k cell)	2
	MN61206-2	Load Pin, Sliding (200k cell)	
3	MN61205-1	Slider Plate, Thick, 11 Ga. (100k cell)	2
	MN61204-1	Slider Plate, Thick, 11 Ga. (200k cell)	
4	MN61205-2	Slider Plate, Thin, 14 Ga. (100k cell)	2
	MN61204-2	Slider Plate, Thin, 14 Ga. (200k cell)	
5	MZ0901010207	5/16 -18 Soc. Hd. Screw x .75" Lg.	4
6	MB61210-10	Base Plate, Fixed and Semi-Floating (100K cell)	1
	MB61208-10	Base Plate, Full Floating (100K cell)	
	MB61202-10	Base Plate, Fixed and Semi-Floating (200K cell)	
	MB61200-10	Base Plate, Full Floating (200K cell)	
7	MB61211-10	Bumper Bracket (Fixed and Semi-Floating assemblies) 100K	1
	MB61203-10	Bumper Bracket (Fixed and Semi-Floating assemblies) 200K	
8	MZ0901010354	3/4-10 Hex. Hd. Bolt x 2.25" Lg. (Fixed and Semi-Floating assemblies) 100K	5
9	MA61212-1	Hold Down Bolt Assembly (100K cell)	2
	MA61212-2	Hold Down Bolt Assembly (30K up lift assembly) (200K cell)	
	MA61212-4	Hold Down Bolt Assembly (90K up lift assembly) (200K cell)	
10	MZ0901010208	3/4-10 Hex. Hd. Screw x 3.75" Lg. (100K cell)	4
	MZ0901010208	3/4-10 Hex. Hd. Bolt x 3.75" Lg. Gr. 5 (30K up lift Assb.) (200K cell)	
	MZ0901010429	3/4-10 Hex. Hd. Bolt x 3.75" Lg. Gr. 8 (90K up lift Assb.) (200K cell)	
11	MA61209-10	Top Plate (100K cell)	1
	MA61201-10	Top Plate	
12	MN31681	Load Pin (100K cell)	1
	MN32258	Load Pin (200K cell)	
13	MZ0904000010	Cotter Pin, .25 in.	2
14	MZ0901010210	3/4-10 Hex. Hd. Screw x 1.50" Lg. (Semi-Floating, End Bumping) (Semi-Floating, Side Bumping) (Fixed)	2 4 6
15	MZ0901030052	3/4 Plain Washer (Semi-Floating, End Bumping) (Semi-Floating, Side Bumping) (Fixed)	8 16 24
16	MN32367	3/4 Plain Washer, .06" Thick (Semi-Floating) (Fixed)	24 24

* Part number may have alpha prefix

Model 0958 CENTERLIGN

0958 CENTERLIGN, 250 – 2500 lb

Ref.	Part Number	Description	Qty
1	TB600488-1	250 lb Load Cell 350 Ohm (15 ft. cable)	1
	TB600529-3	500 lb Load Cell S.S. 350 Ohm Model 745 (15 ft. cable)	
	TB600451	220 kg Load Cell 350 Ohm Model 744 (15 ft. cable)	
	TB600454	550 kg C3 R60 OIML Load Cell S.S. 350 Ohm (15 ft.)	
	TB600363	1,500 lb Load Cell S.S. 350 Ohm (15 ft. cable)	
	TB600342	2,500 lb Load Cell S.S. 350 Ohm (15 ft. cable)	
	TB600455	1100 kg C3 R60 OIML Load Cell S.S. 350 Ohm (15 ft.)	
2	MZ0901010433	1/2-13 Hex. Hd. Bolt x 2.25" Lg. (Mild Steel Assb.)	2
	MZ0901010122	1/2-13 Hex. Hd. Bolt x 2.25" Lg. (Stainless Steel Assb.)	
3	TN600366	Spacer Plate	1
4	TA600346-11	Base Plate, (Mild Steel Assembly)	1
	TA600346-2	Base Plate, (Stainless Steel Assembly)	
5	MN21018	Load Pin	1
6	MZ0909000005	"O" Ring, Load Pin	1
7	TN600322-4	Dust Seal, Load Pin	2
8	TA600362-11	Top Plate (Mild Steel Assb.)	1
	TA600348	Top Plate (Stainless Steel Assb.)	
9	MZ0901010064	3/8-16 Hex. Hd. Screw S.S. x .50" Lg.	Varies
10	MZ0901030019	3/8 Plain Washer, S.S.	Varies
11	TN201034	3/8 Plain Washer, S.S. x .03" Thick	Varies
Ref.	TN600387	Alignment Tool	



250 to 2500 lb CENTERLIGN+ Assembly

0958 CENTERLIGN, 5000 lb

Ref.	Part Number	Description	Qty
1	TB600343	5,000 lb Load Cell S.S. 350 Ohm (15 ft. cable)	1
	TB600456-1	2200 kg C3 R60 OIML Load Cell S.S. 350 Ohm (15 ft cable)	
2	MZ0901010434	1/2-13 Hex. Hd. Bolt x 2.50" Lg. (Mild Steel Assb.)	2
	MZ0901010227	1/2-13 Hex. Hd. Bolt x 2.50" Lg. (Stainless Steel Assb.)	
3	TN600366	Spacer Plate	1
4	TA600346-11	Base Plate, (Mild Steel Assembly)	1
	TA600346-2	Base Plate, (Stainless Steel Assembly)	
5	MN21018	Load Pin	1
6	MZ0909000005	"O" Ring, Load Pin	1
7	TN600322-4	Dust Seal, Load Pin	1
8	TA600362-11	Top Plate (Mild Steel Assb.)	1
	TA600348	Top Plate (Stainless Steel Assb.)	
9	MZ0901010064	3/8-16 Hex. Hd. Screw S.S. x .50" Lg.	Varies
10	MZ0901030019	3/8 Plain Washer, S.S.	Varies
11	TN201034	3/8 Plain Washer, S.S. x .03" Thick	Varies
Ref.	TN600360	Alignment Tool	

0958 CENTERLIGN, 10,000 lb

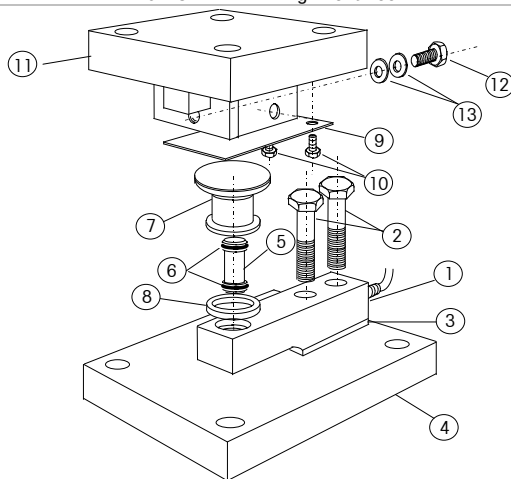
Ref.	Part Number	Description	Qty
1	TB600364	10,000 lb Load Cell S.S. 350 Ohm (30 ft. cable)	1
	TB600457-1	4400 kg C3 R60 OIML Load Cell S.S. 350 Ohm (30 ft)	
2	MZ0901010420	3/4-10 Hex. Hd. Bolt x 3.25" Lg. (Mild Steel Assb.)	2
	MZ0901010421	3/4-10 Hex. Hd. Bolt x 3.25" Lg. (Stainless Steel Assb.)	
3	TN600367	Spacer Plate	1
4	TA600357-11	Base Plate, (Mild Steel Assembly)	1
	TA600357-2	Base Plate, (Stainless Steel Assembly)	
5	TN201975	Load Pin	1
6	MZ0909000050	"O" Ring, Load Pin	1
7	TN600322-5	Dust Seal, Load Pin	1
8	TA600368-11	Top Plate (Mild Steel Assb.)	1
	TA600359	Top Plate (Stainless Steel Assb.)	
9	MZ0901010064	3/8-16 Hex. Hd. Screw S.S. x .50" Lg.	Varies
10	MZ0901030019	3/8 Plain Washer, S.S.	Varies
11	TN201034	3/8 Plain Washer, S.S. x .03" Thick	Varies
Ref.	TN600361	Alignment Tool	

* Part number may have alpha prefix

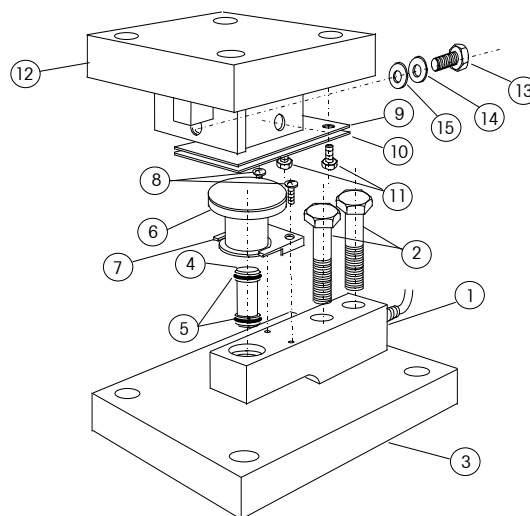
Model 0958 CENTERLIGN

0958 CENTERLIGN, 20,000 lb

Ref.	Part Number	Description	Qty
1	*13077500B	20,000 lb Load Cell S.S. 350 Ohm (30 ft. cable)	1
	*15237800A	5,072 kg Load Cell S.S. 350 Ohm (30 ft cable)	
2	MZ0901010072	1-8 Hex. Hd. Bolt x 4.00" Lg. (Mild Steel Assb.)	2
	MZ0901010316	1-8 Hex. Hd. Bolt x 4.00" Lg. (Stainless Steel Assb.)	
3	TN300578	Spacer Plate	1
4	MA61226-10	Base Plate , Mild Steel	1
	TA600037	Base Plate , Stainless Steel	
5	MN21036	Rocker Pin	1
6	MZ0909000013	"O" Ring	
7	MN21035	Slider Cup	1
8	MN61016-11	Dust Seal	1
9	MN61222-2	Shim, Stainless Steel .075" x 2.75" x 4.12"	2
10	MZ0901010064	3/8-16 Hex. Hd. Screw x .50" Lg.	2
11	MA61283-10	Top Plate (Mild Steel Assb.)	1
	TA600443	Top Plate (Stainless Steel Assb.)	
12	MZ0901010228	1/2-13 Hex. Hd. Screw x 1.00" Lg.	Varies
13	MZ0901030033	1/2 Plain Washer	Varies
Ref.	MN61284	Alignment Tool	



20,000 lb CENTERLIGN Assembly



45,000 lb CENTERLIGN Assembly

0958 CENTERLIGN, 45,000 lb

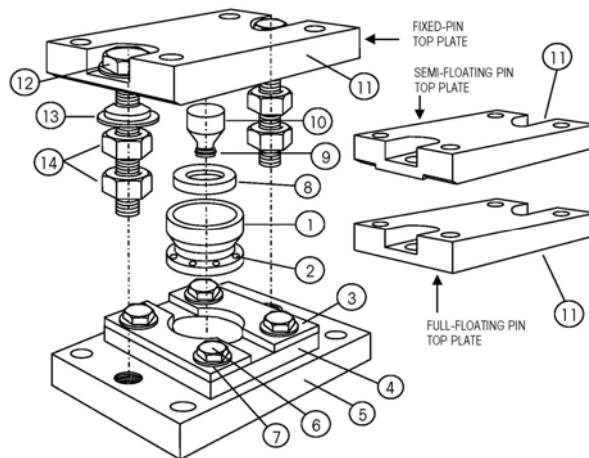
Ref.	Part Number	Description	Qty.
1	*13929400A	45,000 lb Load Cell S.S. 2,000 Ohm (30 ft. cable)	1
	*15238200A	20,412 kg Load Cell S.S. 2,000 Ohm (30 ft. cable)	
2	MZ0901010201	1 1/4-7 Hex. Hd. Bolt x 5.00" Lg. (Mild Steel Assembly)	2
	MZ0901010216	1 1/4-7 Hex. Hd. Bolt x 5.00" Lg. (Stainless Steel Assembly)	
3	TA600111-10	Base Plate (Mild Steel Assembly)	1
	TA600111-20	Base Plate (Stainless Steel Assembly)	
4	MN31797	Rocker Pin	1
5	MZ0909000004	"O" Ring	2
6	MN32058	Slider Cup	1
7	MN31790	Retainer	1
8	MZ0901010165	10-32 Thread Cutting Screw	2
9	TN203171- 1	Thin Shim, 14 gauge	1
10	TN203171- 2	Thick Shim, 10 gauge	1
11	MZ0901010064	3/8-16 Hex. Hd. Screw x .50" Lg.	2
12	TA600109-10	Top Plate (Mild Steel Assb.)	1
	TB306096-10	Top Plate (Stainless Steel Assb.)	
13	MN31650	5/8-11 Hex. Hd. Screw x .62" Lg. (Mild Steel Assembly)	Varies
	MZ0901010083	5/8-11 Hex. Hd. Screw x 1.25" Lg. (Stainless Steel Assembly)	
14	MZ0901030023	5/8 Plain Washer	Varies
Ref.	MN31801-1	Alignment Tool	

* Part number may have alpha prefix

Model 0958 FLEXMOUNT HD

0958 FLEXMOUNT HD (50K-lb to 100K-lb)

Ref.	Part Number	Description	Qty
1	TB600862-035	50K-lb load cell, Model 790 (35-ft cable)	1
	TB600863-035	75K-lb load cell, Model 790 (35-ft cable)	
	TB600864-035	100K-lb load cell, Model 790 (35-ft cable)	
2	MZ0901010524	7/16-20 socket head cap screw x 0.75" long (GR8)	8
3	TA600848-CS	Retaining plate	2
4	TA600847-CS	Mounting plate	1
5	TA600846-CS	Base plate (carbon steel)	1
6	MZ0901010525	7/8-9 hex head cap screw x 2.5" long (GR5 ZN)	4
7	MZ0901030058	Plain washer, 7/8"	4
8	TN600849-1	Gasket, load pin	1
9	MZ0909000004	O-ring, load pin	1
10	TA600856	Load pin	1
11	TA600855-CS	Top plate, full-floating pin, 50-100K (carbon steel)	1
	TA600854-CS	Top plate, semi-floating pin, 50-100K (carbon steel)	
	TA600853-CS	Top plate, fixed pin, 50-100K (carbon steel)	
12	TA600859	1.25-7 hold-down bolt x 8" long (GR5 ZN)	2
13	TN600857	Sleeve washer	2
14	MZ0901020048	1.25-7 hex nut	4
Ref.	TB100393	Analog junction box, 4 hole (*13640300A PCB)	
Ref.	TB100395	Analog junction box, 5 hole (*13640300A PCB)	
Ref.	TB100515-X**	DigiTOL junction box (*13839900A PCB)	
Ref.	TB100569-X**	IDNet junction box	



0958 FLEXMOUNT HD Assembly

0958 FLEXMOUNT HD (150K-lb to 200K-lb)

Ref.	Part Number	Description	Qty
1	TB600865-035	150K-lb load cell, Model 790 (35-ft cable)	1
	TB600866-035	200K-lb load cell Model 790 (35-ft cable)	
2	MZ0901010527	1/2-20 socket head cap screw x 1" long (GR8)	8
3	TA600869-CS	Retaining plate	2
4	TA600868-CS	Mounting plate	1
5	TA600867-CS	Base plate (carbon steel)	1
6	MZ0901010528	1.25-7 hex head cap screw x 2.75" long (GR5 ZN)	4
7	MZ0901030015	Plain washer, 1.25"	4
8	TN600849-2	Gasket, load pin	1
9	MZ0909000063	O-ring, load pin	1
10	TA600870	Load pin	1
11	TA600879-CS	Top plate, full-floating pin, 150-200K (carbon steel)	1
	TA600878-CS	Top plate, semi-floating pin, 150-200K (carbon steel)	
	TA600877-CS	Top plate, fixed pin, 150-200K (carbon steel)	
12	TA600871	1.5-6 hold-down bolt x 8" long (GR5 ZN)	2
13	TN600872	Sleeve washer	2
14	MZ0901020064	1.5-6 hex nut	4
Ref.	TB100393	Analog junction box, 4 hole (*13640300A PCB)	
Ref.	TB100395	Analog junction box, 5 hole (*13640300A PCB)	
Ref.	TB100515-X**	DigiTOL junction box (*13839900A PCB)	
Ref.	TB100569-X**	IDNet junction box	

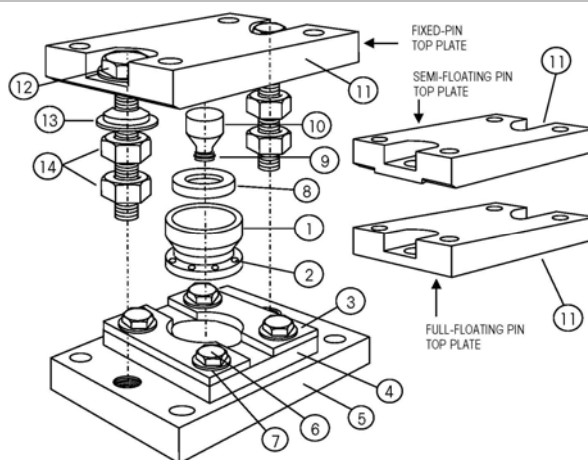
* Part number may have alpha prefix

** X = Number of connectors on junction box (-4 or -5 connector boxes available).

Model 0958 FLEXMOUNT HD

0958 FLEXMOUNT HD (50K-lb to 100K-lb)

Ref.	Part Number	Description	Qty
1	TB600862-035	50K-lb load cell, Model 790 (35-ft cable)	1
	TB600863-035	75K-lb load cell, Model 790 (35-ft cable)	
	TB600864-035	100K-lb load cell, Model 790 (35-ft cable)	
2	MZ0901010524	7/16-20 socket head cap screw x 0.75" long (GR8)	8
3	TA600848-CS	Retaining plate	2
4	TA600847-CS	Mounting plate	1
5	TA600846-CS	Base plate (carbon steel)	1
6	MZ0901010525	7/8-9 hex head cap screw x 2.5" long (GR5 ZN)	4
7	MZ0901030058	Plain washer, 7/8"	4
8	TN600849-1	Gasket, load pin	1
9	MZ0909000004	O-ring, load pin	1
10	TA600856	Load pin	1
11	TA600855-CS	Top plate, full-floating pin, 50-100K (carbon steel)	1
	TA600854-CS	Top plate, semi-floating pin, 50-100K (carbon steel)	
	TA600853-CS	Top plate, fixed pin, 50-100K (carbon steel)	
12	TA600859	1.25-7 hold-down bolt x 8" long (GR5 ZN)	2
13	TN600857	Sleeve washer	2
14	MZ0901020048	1.25-7 hex nut	4
Ref.	TB100393	Analog junction box, 4 hole (*13640300A PCB)	
Ref.	TB100395	Analog junction box, 5 hole (*13640300A PCB)	
Ref.	TB100515-X**	DigiTOL junction box (*13839900A PCB)	
Ref.	TB100569-X**	IDNet junction box	



0958 FLEXMOUNT HD Assembly

0958 FLEXMOUNT HD (150K-lb to 200K-lb)

Ref.	Part Number	Description	Qty
1	TB600865-035	150K-lb load cell, Model 790 (35-ft cable)	1
	TB600866-035	200K-lb load cell Model 790 (35-ft cable)	
2	MZ0901010527	1/2-20 socket head cap screw x 1" long (GR8)	8
3	TA600869-CS	Retaining plate	2
4	TA600868-CS	Mounting plate	1
5	TA600867-CS	Base plate (carbon steel)	1
6	MZ0901010528	1.25-7 hex head cap screw x 2.75" long (GR5 ZN)	4
7	MZ0901030015	Plain washer, 1.25"	4
8	TN600849-2	Gasket, load pin	1
9	MZ0909000063	O-ring, load pin	1
10	TA600870	Load pin	1
11	TA600879-CS	Top plate, full-floating pin, 150-200K (carbon steel)	1
	TA600878-CS	Top plate, semi-floating pin, 150-200K (carbon steel)	
	TA600877-CS	Top plate, fixed pin, 150-200K (carbon steel)	
12	TA600871	1.5-6 hold-down bolt x 8" long (GR5 ZN)	2
13	TN600872	Sleeve washer	2
14	MZ0901020064	1.5-6 hex nut	4
Ref.	TB100393	Analog junction box, 4 hole (*13640300A PCB)	
Ref.	TB100395	Analog junction box, 5 hole (*13640300A PCB)	
Ref.	TB100515-X**	DigiTOL junction box (*13839900A PCB)	
Ref.	TB100569-X**	IDNet junction box	

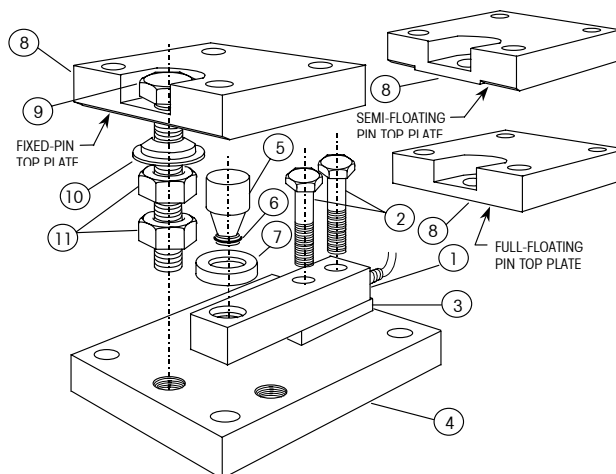
* Part number may have alpha prefix

** X = Number of connectors on junction box (-4 or -5 connector boxes available).

Model 0958 FLEXMOUNT

0958 FLEXMOUNT (250-lb to 2500K-lb)

Ref.	Part Number	Description	Qty
1	TB600488-1	250-lb load cell, S.S., potted, 350 ohm, Model 744 (15-ft cable)	1
	TB600529-3	500-lb load cell, S.S., 350 ohm (15-ft cable)	
	TB600647-3	220-kg OIML C3 R60 load cell, S.S., 350 ohm (15-ft cable)	
	TB600454	550-kg OIML C3 R60 load cell, S.S., 350 ohm (15-ft cable)	
	TB600363	1,250-lb load cell, S.S., 350 ohm (15-ft cable)	
	TB600342	2,500-lb load cell, S.S., 350 ohm (15-ft cable)	
	TB600455	1,100-kg OIML C3 R60 load cell, S.S., 350 ohm (15-ft cable)	
2	MZ0901010433	1/2-13 hex head bolt x 2.25" long (carbon steel)	2
	MZ0901010122	1/2-13 hex head bolt x 2.25" long (stainless steel)	
3	TN600366	Spacer plate	1
4	TA600316-11	Base plate (carbon steel)	1
	TA600316-2	Base plate (stainless steel)	
5	TN600321	Load pin	1
6	MZ090900005	O-ring, load pin	1
7	TN600322-1	Dust seal, load pin	1
8	TA600320-11	Top plate, full-floating pin (carbon steel)	1
	TA600320-2	Top plate, full-floating pin (stainless steel)	
	TA600319-11	Top plate, semi-floating pin (carbon steel)	
	TA600319-2	Top plate, semi-floating pin (stainless steel)	
	TA600318-11	Top plate, fixed pin (carbon steel)	
	TA600318-2	Top plate, fixed pin (stainless steel)	
9	MZ0901010462	5/8-11 hold-down bolt x 3.5" long (carbon steel)	1
	MZ0901010423	5/8-11 hold-down bolt x 3.5" long (stainless steel)	
10	TN600507	Centering washer (stainless steel)	1
11	MZ0901020025	5/8-11 hex nut (stainless steel)	2
Ref.	TB100393	Analog junction box, 4 hole (*13640300A PCB)	
Ref.	TB100395	Analog junction box, 5 hole (*13640300A PCB)	
Ref.	TB100515-X**	DigiTOL junction box (*13839900A PCB)	
Ref.	TB100569-X**	IDNet junction box	



0958 FLEXMOUNT Assembly

0958 FLEXMOUNT (5K-lb)

Ref.	Part Number	Description	Qty
1	TB600343	5K-lb load cell, S.S., 350 ohm (15-ft cable)	1
	TB600456	2,200-kg OIML C3 R60 load cell, S.S., 350 ohm (15-ft cable)	
2	MZ0901010434	1/2-13 hex head bolt x 2.5" long (carbon steel)	2
	MZ0901010227	1/2-13 hex head bolt x 2.5" long (stainless steel)	
3	TN600366	Spacer plate	1
4	TA600316-11	Base plate (carbon steel)	1
	TA600316-2	Base plate (stainless steel)	
5	TN600321	Load pin	1
6	MZ090900005	O-ring, load pin	1
7	TN600322-2	Dust seal, load pin	1
8	TA600320-11	Top plate, full-floating pin (carbon steel)	1
	TA600320-2	Top plate, full-floating pin (stainless steel)	
	TA600319-11	Top plate, semi-floating pin (carbon steel)	
	TA600319-2	Top plate, semi-floating pin (stainless steel)	
	TA600318-11	Top plate, fixed pin (carbon steel)	
	TA600318-2	Top plate, fixed pin (stainless steel)	
9	MZ0901010462	5/8-11 hold-down bolt x 3.5" long (carbon steel)	1
	MZ0901010423	5/8-11 hold-down bolt x 3.5" long (stainless steel)	
10	TN600507	Centering washer (stainless steel)	1
11	MZ0901020025	5/8-11 hex nut (stainless steel)	2
Ref.	TB100393	Analog junction box, 4 hole (*13640300A PCB)	
Ref.	TB100395	Analog junction box, 5 hole (*13640300A PCB)	
Ref.	TB100515-X**	DigiTOL junction box (*13839900A PCB)	
Ref.	TB100569-X**	IDNet junction box	

* Part number may have alpha prefix

** X = Number of connectors on junction box (-4 or -5 connector boxes available).

Model 0958 FLEXMOUNT

0958 FLEXMOUNT (10K-lb)

Ref.	Part Number	Description	Qty
1	TB600364	10K-lb load cell, S.S., 350 ohm (30-ft cable)	1
	TB600457-1	4,400-kg OIML C3 R60 load cell, S.S., 350 ohm (30-ft cable)	
2	MZ0901010420	3/4-10 hex head bolt x 3.25" long (carbon steel)	2
	MZ0901010421	3/4-10 hex head bolt x 3.25" long (stainless steel)	
3	TN600367	Spacer plate	1
4	TA600333-11	Base plate (carbon steel)	1
	TA600333-2	Base plate (stainless steel)	
5	TN600337	Load pin	1
6	MZ090900050	O-ring, load pin	1
7	TN600322-3	Dust seal, load pin	1
8	TA600336-11	Top plate, full-floating pin (carbon steel)	1
	TA600336-2	Top plate, full-floating pin (stainless steel)	
	TA600335-11	Top plate, semi-floating pin (carbon steel)	
	TA600335-2	Top plate, semi-floating pin (stainless steel)	
	TA600334-11	Top plate, fixed pin (carbon steel)	
	TA600334-2	Top plate, fixed pin (stainless steel)	
9	MZ0901010461	3/4-10 hold-down bolt x 4.5" long (carbon steel)	1
	MZ0901010425	3/4-10 hold-down bolt x 4.5" long (stainless steel)	
10	TN600511	Centering washer (stainless steel)	1
11	MZ0901020046	3/4-10 hex nut (stainless steel)	2
Ref.	TB100393	Analog junction box, 4 hole (*13640300A PCB)	
Ref.	TB100395	Analog junction box, 5 hole (*13640300A PCB)	
Ref.	TB100515-X**	DigiTOL junction box (*13839900A PCB)	
Ref.	TB100569-X**	IDNet junction box	

0958 FLEXMOUNT (20K-lb and 30K-lb)

Ref.	Part Number	Description	Qty
1	*15297300B	20K-lb load cell, S.S., 350 ohm (30-ft cable)	1
	*15297800B	30K-lb load cell, S.S., 350 ohm (30-ft cable)	
	*15355500B	9,072-kg C3 R60 OIML load cell, S.S., 350 ohm (30-ft cable)	
	*15298200B	13,608-kg C3 R60 OIML load cell, S.S., 350 ohm (30-ft cable)	
2	TN800675	1-8 hex head cap screw x 4.5" long (carbon steel)	2
	TN800674	1-8 hex head cap screw x 4.5" long (stainless steel)	
3	TA600687-SS	Spacer plate	1
4	TA600683-CS	Base plate (carbon steel, painted)	1
	TA600683-SS	Base plate (stainless steel, type 304)	
	TA600683-S6	Base plate (stainless steel, type 316)	
5	TA600708	Load pin	1
6	MZ0909000013	O-ring, load pin	1
7	TN600691-1	Gasket, load pin	1
8	TA600712-CS	Top plate, full-floating pin (carbon steel, painted)	1
	TA600712-SS	Top plate, full-floating pin (stainless steel, type 304)	
	TA600712-S6	Top plate, full-floating pin (stainless steel, type 316)	
	TA600711-CS	Top plate, semi-floating pin (carbon steel, painted)	
	TA600711-SS	Top plate, semi-floating pin (stainless steel, type 304)	
	TA600711-S6	Top plate, semi-floating pin (stainless steel, type 316)	
	TA600710CS	Top plate, fixed pin (carbon steel, painted)	
	TA600710-SS	Top plate, fixed pin (stainless steel, type 304)	
	TA600710-S6	Top plate, fixed pin (stainless steel, type 316)	
9	TA600693	1-8 hold-down bolt x 6.5" long (carbon steel)	1
	TA600695	1-8 hold-down bolt x 6.5" long (stainless steel)	
10	TN600689	Sleeve washer (stainless steel)	1
11	MZ0901020073	1-8 hex nut (stainless steel)	1
Ref.	TB100393	Analog junction box, 4 hole (*13640300A PCB)	
Ref.	TB100395	Analog junction box, 5 hole (*13640300A PCB)	
Ref.	TB100515-X**	DigiTOL junction box (*13839900A PCB)	
Ref.	TB100569-X**	IDNet junction box	

* Part number may have alpha prefix

** X = Number of connectors on junction box (-4 or -5 connector boxes available).

Model 0958 FLEXMOUNT

0958 FLEXMOUNT (45K-lb)

Ref.	Part Number	Description	Qty
1	*15297700B	45K-lb load cell, S.S., 2K ohm (30-ft cable)	1
	*15357400B	20,412-kg C3 R60 OIML load cell, S.S., 2K ohm (30-ft cable)	
2	TN800662	1.25-7 hex head cap screw x 5.5" long (carbon steel)	2
	TN800673	1.25-7 hex head cap screw x 5.5" long (stainless steel)	
3	TA600688-SS	Spacer plate	1
4	TA600685-CS	Base plate (carbon steel, painted)	1
	TA600685-SS	Base plate (stainless steel, type 304)	
	TA600685-S6	Base plate (stainless steel, type 316)	
5	TA600709	Load pin	1
6	MZ0909000004	O-ring, load pin	1
7	TN600691-3	Gasket, load pin	1
8	TA600715-CS	Top plate, full-floating pin (carbon steel, painted)	1
	TA600715-SS	Top plate, full-floating pin (stainless steel, type 304)	
	TA600715-S6	Top plate, full-floating pin (stainless steel, type 316)	
	TA600714-CS	Top plate, semi-floating pin (carbon steel, painted)	
	TA600714-SS	Top plate, semi-floating pin (stainless steel, type 304)	
	TA600714-S6	Top plate, semi-floating pin (stainless steel, type 316)	
	TA600713-CS	Top plate, fixed pin (carbon steel, painted)	
	TA600713-SS	Top plate, fixed pin (stainless steel, type 304)	
	TA600713-S6	Top plate, fixed pin (stainless steel, type 316)	
9	TA600694	1.25-7 hold-down bolt x 8" long (carbon steel)	1
	TA600696	1.25-7 hold-down bolt x 8" long (stainless steel)	
10	TN600690	Sleeve washer (stainless steel)	1
11	MZ0901020048	1.25-7 hex nut (stainless steel)	1
Ref.	TB100393	Analog junction box, 4 hole (*13640300A PCB)	
Ref.	TB100395	Analog junction box, 5 hole (*13640300A PCB)	
Ref.	TB100515-X**	DigiTOL junction box (*13839900A PCB)	
Ref.	TB100569-X**	IDNet junction box	

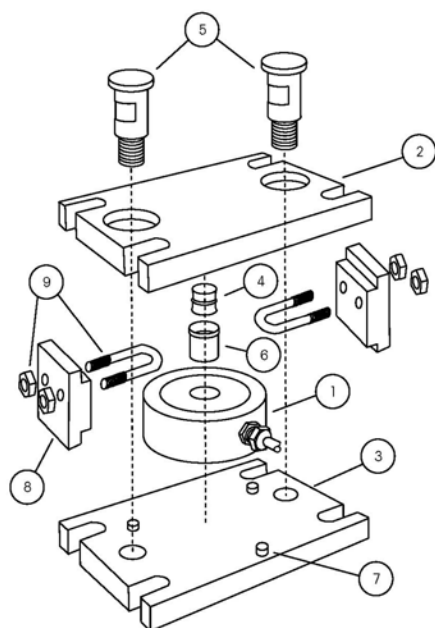
* Part number may have alpha prefix

** X = Number of connectors on junction box (-4 or -5 connector boxes available).

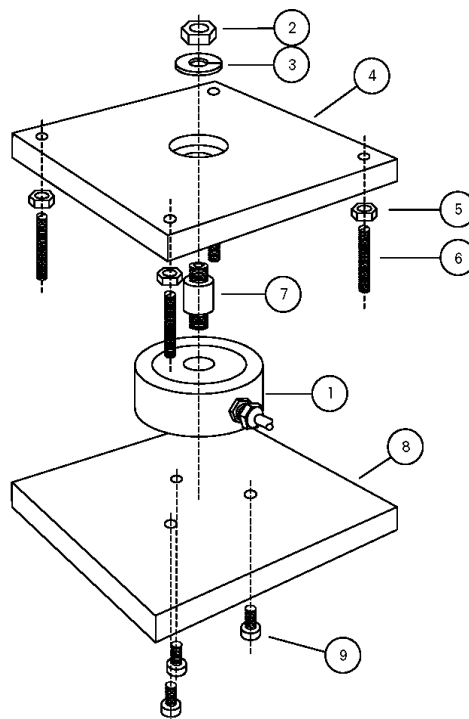
Model 0970

0970 Ringmount Weigh Modules

Ref.	Part Number	Description	Qty.
1	TB600935-050	250-kg Load Cell, OIML C3, Ex, FM	1
	TB600941-050	500-kg Load Cell, OIML C3, Ex, NTEP/FM	
	TB600947-050	1,000-kg Load Cell, OIML C3, Ex, NTEP/FM	
	TB600953-050	2,000-kg Load Cell, OIML C3, Ex, NTEP/FM	
	TB600959-050	3,500-kg Load Cell, OIML C3, Ex, NTEP/FM	
	TB600965-050	5,000-kg Load Cell, OIML C3, Ex, NTEP/FM	
	TB600971-100	10,000-kg Load Cell, OIML C3, Ex, FM	
	TB600949-050	1,000-kg Load Cell, OIML C6, Ex, FM	
	TB600955-050	2,000-kg Load Cell, OIML C6, Ex, FM	
	TB600961-050	3,500-kg Load Cell, OIML C6, Ex, FM	
	TB600967-050	5,000-kg Load Cell, OIML C6, Ex, FM	
2	TA600978-S6	Top Plate with Receiver, SS (250 - 5,000 kg)	1
	TA601078-S6	Top Plate with Receiver, SS (10,000 kg)	
3	TA600976-S6	Base Plate, SS (250 - 5,000 kg)	1
	TA601076-S6	Base Plate, SS (10,000 kg)	
4	TA800776	Rocker Pin, SS (250 - 5,000 kg)	1
	TN800867	Rocker Pin, SS (10,000 kg)	
5	TN600975	Hold-Down Bolt, M12 x 1.75, SS (250 - 5,000 kg)	2
	TN601075	Hold-Down Bolt, M16 x 2, SS (10,000 kg)	
6	TN600980	Load Cell Receiver (250 - 5,000 kg)	1
	TN601080	Load Cell Receiver (10,000 kg)	
7	MZ0901010543	Load Cell Retaining Screw, M6x1, SS	1
8	TN600987	Shipping Block (250 - 5,000 kg)	2
	TN601081	Shipping Block (10,000 kg)	
9	TN601013	U-Bolt with Hex Nuts, 1/4-20, 0.75 x 1.75 (250 - 5,000 kg)	2
	TN601082	U-Bolt with Hex Nuts, 1/4-20, 1 x 2 (10,000 kg)	



0970 Ringmount Weigh Modules



0970 Gas Cylinder Scale

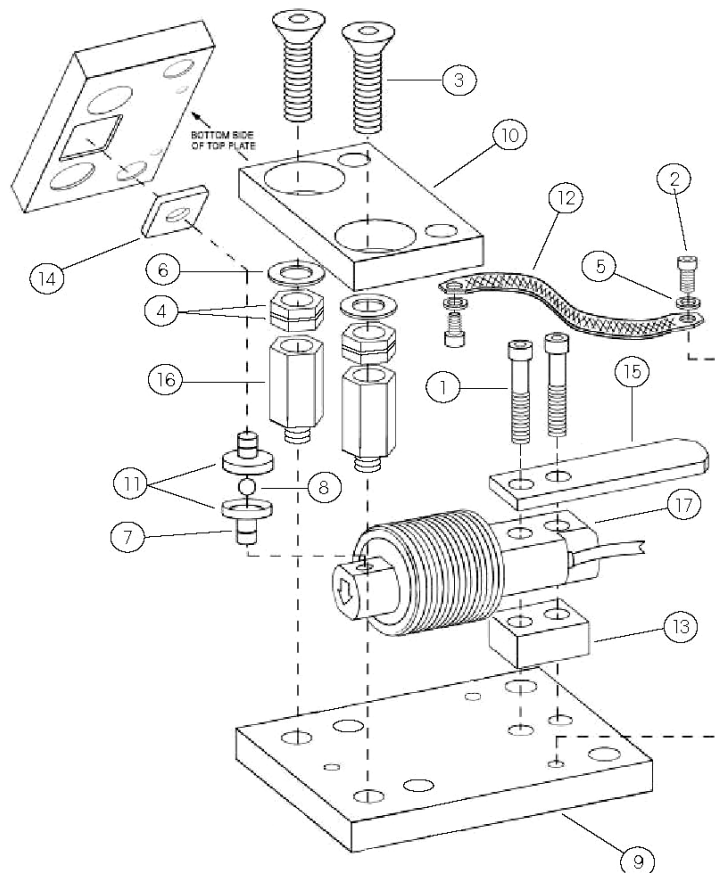
0970 Gas Cylinder Scale

Ref.	Part Number	Description	Qty.
1	TB600935-050	50-kg Load Cell, OIML C3, Ex, FM, SS, 5-meter cable	1
2	MZ0901020116	Hex Nut, M10, Stainless Steel	1
3	MZ0901030117	Lock Washer, M10, Stainless Steel	1
4	TA601022-SS	Loading Plate, Type 304 Stainless Steel	1
5	MZ0901020115	Hex Nut, M6, Stainless Steel	4
6	MZ0901010548	Set Screw, M6 x 1 x 35 mm long, Stainless Steel	4
7	TN601023	Mounting Bolt, M10 x 1.5, Stainless Steel	1
8	TA601021-SS	Mounting Plate, Type 304 Stainless Steel	1
9	MZ0901010543	Socket Head Cap Screw, M6 x 1 x 10 mm long, Stainless Steel	3

Model 0972 Ultramount

0972 Ultramount Weigh Module

Ref.	Part Number	Description	Qty.
Ball and Cup Assembly			
1	MZ0901010488	Socket Head Screw, M8 x 1.25 x 55, SS	2
2	MZ0901010489	Socket Head Screw, M4 x 0.7 x 8, SS	2
3	MZ0901010491	Socket Head Screw, M12 x 1.75 x 45, SS	2
4	MZ0901020108	Hex Jam Nut, M12 x 1.75, SS	4
5	MZ0901030104	Plain Washer, M4, SS	2
6	MZ0901030107	Plain Washer, M12, SS	2
7	MZ0909000061	O-Ring, AS-568A-009, Buna-N, 70 Shore A	2
8	MZ1601000019	Ball Bearing, 10 mm diameter, SS, 440C	1
9	TA600616	Base Plate	1
10	TA600617	Top Plate	1
11	TN600611	Cup	2
12	TN600612	Ground Strap	1
13	TN600613	Load Cell Spacer Plate	1
14	TN600614	Bearing Plate	1
15	TN600615	Load Cell Clamp Plate	1
16	TN600619	Standoff, M12 x 36, SS	2
17	TB600654-030	5-kg Load Cell	1
	TB600655-030	10-kg Load Cell	
	TB600656-030	20-kg Load Cell	
	TB600657-030	50-kg Load Cell	
	TB600658-030	100-kg Load Cell	
Load Pin Assembly			
1	MZ0901010488	Socket Head Screw, M8 x 1.25 x 55, SS	2
2	MZ0901010489	Socket Head Screw, M4 x 0.7 x 8, SS	2
3	MZ0901010491	Socket Head Screw, M12 x 1.75 x 45, SS	2
4	MZ0901020108	Hex Jam Nut, M12 x 1.75, SS	4
5	MZ0901030104	Plain Washer, M4, SS	2
6	MZ0901030107	Plain Washer, M12, SS	2
7	TA600616	Base Plate	1
8	TA600617	Top Plate	1
9	TA600618	Load Pin	1
10	TN600610	Bearing-Plate Pin	1
11	TN600612	Ground Strap	1
12	TN600613	Load Cell Spacer Plate	1
13	TN600615	Load Cell Clamp Plate	1
14	TN600619	Standoff, M12 x 36, SS	2
15	TB600654-030	5-kg Load Cell	1
	TB600655-030	10-kg Load Cell	
	TB600656-030	20-kg Load Cell	
	TB600657-030	50-kg Load Cell	

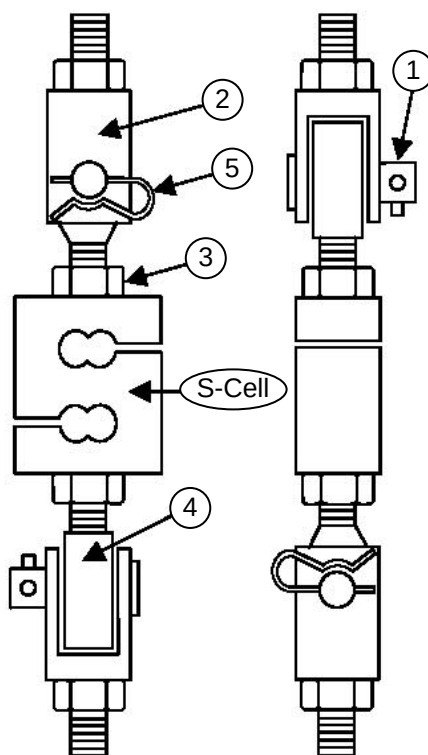


0972 Ultramount Weigh Module

Model 0978

0978 Tension Weigh Module

Ref.	Part Number	Description	Qty.
50 - 3000 lb			
1	TN800744	Clevis Pin 3/8 x 1.25	2
2	TN600892	Clevis	2
3	MZ0901020036	Nut 3/8 - 24	2
4	MZ0901040014	Rod End 3/8 - 24 RH	2
5	MZ0904000006	Hair-Pin Cotter	2
500 - 3000 lb			
1	TN800745	Clevis Pin 1/2 x 1.75	2
2	TN600892	Clevis	2
3	MZ0901020039	Nut 1/2 - 20	2
4	MZ0901040013	Rod End 1/2 - 20 RH	2
5	MZ0904000006	Hair-Pin Cotter	2
5000 - 10,000 lb			
1	TN800746	Clevis Pin 3/4 x 2.50	2
2	TN600894	Clevis	2
3	MZ0901020038	Nut 3/4 - 16	2
4	MZ0901040009	Rod End 3/4 - 16 RH	2
5	MZ0904000006	Hair-Pin Cotter	2



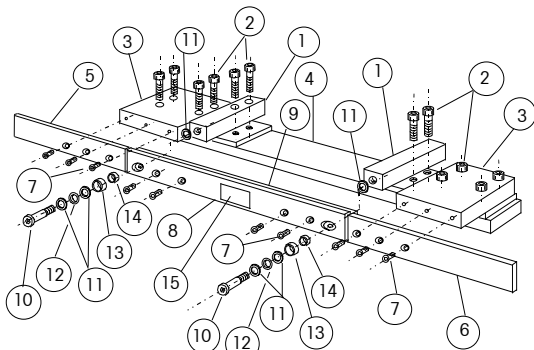
0978 Tension Weigh Module

0978 Tension Weigh Module Hardware SI

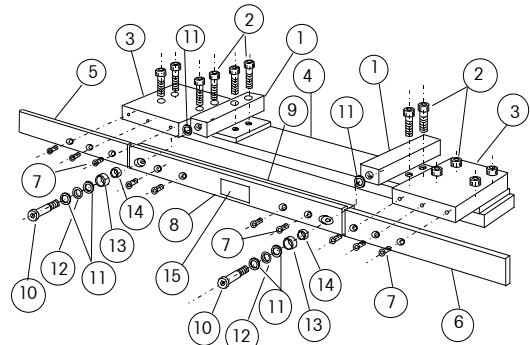
Ref.	Part Number	Description	Qty.
25 - 100 kg			
1	TN600556	Clevis Pin 8mm	2
2	TN600553	Clevis 8mm M8 x 1.25	2
3	MZ0901020094	Nut, Hex Jam M8 x 1.25 NI	4
4	MZ0901040017	Rod-End 8mm M8 x 1.25 M RH	2
5	MZ0904000006	Hair-Pin Cotter #3	2
200 - 1000 kg			
1	TN600557	Clevis Pin 12mm	2
2	TN600554	Clevis 12mm M12 x 1.75	2
3	MZ0901020095	Nut, Hex Jam M12 x 1.75 NI	4
4	MZ0901040018	Rod-End 8mm M12 x 1.75 M RH	2
5	MZ0904000072	Hair-Pin Cotter #16	2
2000 - 5000 kg			
1	TN600558	Clevis Pin 25mm	2
2	TN600555	Clevis 25mm M24 x 2	2
3	MZ0901020096	Nut, Hex Jam M24 x 2 NI	4
4	MZ0901040019	Rod-End 8mm M24 x 2 M RH	2
5	MZ0904000073	Hair-Pin Cotter #6	2

0990 Overhead Track Scale Assembly

Ref.	Part Number	Description	Qty
1	TB600489-2	1,250 lb Load Cell (30 ft cable)	2
	TB600490-2	2,500 lb Load Cell (30 ft cable)	2
2	MZ0901010333	1/2 -13 Socket Head Cap Screw x 1.75 in. Lg.	12
	MZ0901010308	1/2 -13 Socket Head Cap Screw S.S. x 1.75 in. Lg.	12
3	TN400056-10	Support Block (Mild Steel)	2
	TN400057-10	Support Block (Stainless Steel)	2
4	TA400048-10	Base Weldment Mild Steel (2 ft rail)	1
	TA400041-10	Base Weldment Stainless Steel (2 ft rail)	1
	TA400053-10	Base Weldment Mild Steel (4 ft rail)	1
	TA400058-10	Base Weldment Stainless Steel (4 ft rail)	1
5	TN400046-10	Departure Rail Mild Steel x 2 ft Lg.	1
	TN400039-10	Departure Rail Stainless Steel x 2 ft Lg.	1
6	TN400045-10	Approach Rail Mild Steel x 2 ft Lg.	1
	TN400038-10	Approach Rail Stainless Steel x 2 ft Lg.	1
7	MZ0901010464	1/2-13 Flat Head Socket Screw x 1 in. Lg.	11
		2 ft live rail requires	15
		4 ft live rail requires	1
8	TA400047-10	Live Rail Mild Steel (2 ft)	1
	TA400040-10	Live Rail Stainless Steel (2 ft)	1
	TA400055-10	Live Rail Mild Steel (4 ft)	1
	TA400042-10	Live Rail Stainless Steel (4 ft)	1
9	TA400043-10	Backing Bar Mild Steel (2 ft rail)	1
	TA400036-10	Backing Bar Stainless Steel (2 ft rail)	1
	TA400054-10	Backing Bar Mild Steel (4 ft rail)	1
	TA400035-10	Backing Bar Stainless Steel (4 ft rail)	1
10	TN400034	Load Support Pin	2
11	TN400052	Neoprene Spacer	6
12	TN400050	Load Pin Ring Bearing	2
13	TN400049	Sleeve Bearing	2
14	TN400051	Sleeve Bushing	2
15	TN800595	Capacity Sticker	2



0990 Overhead Track Scale Assembly



0991 Overhead Track Scale Assembly

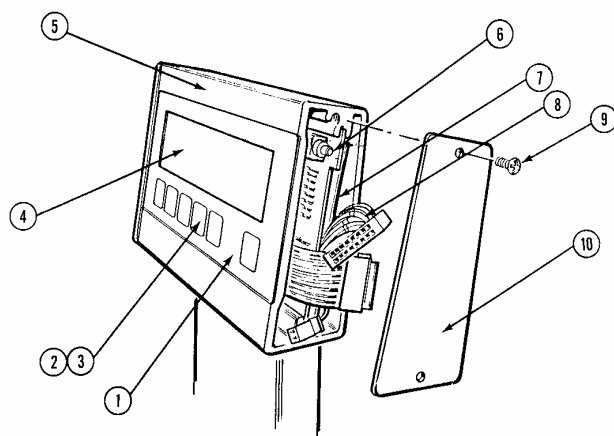
0991 Overhead Track Scale Assembly (1.25 – 5K)

Ref.	Part Number	Description	Qty
1	TB600363	1,250 lb Load Cell 5kd H44 THC	2
	TB600342	2,500 lb Load Cell 5kd H44 THC	
	TB600343	5,000 lb Load Cell 5kd H44 THC	
	TB600364	10,000 lb Load Cell 5kd H44 THC	
	TB600454	550 kg 3kd OIML THC	
	TB600455	1100 kg 3kd OIML THC	
	TB600456	2200 kg 3kd OIML THC	
	TB600457	4400 kg 3kd OIML THC	
2	MZ0901010409	1/2 - 13 Soc. Hd. Cap Screw x 2.00 Lg.	4
	MZ0901010430	3/4 - 10 Hex. Hd. Bolt x 2.50 Lg. (10,000 lb & 4400 kg cells)	
3	TN600462	Load Cell Spacer Plate (1,250 lb, 2,500 lb, 550 kg, & 1100 kg cells)	2
4	TN600459-10	Load Cell Mounting Block	2
	TN600460-10	Load Cell Mounting Block (10,000 lb & 4400 kg cells)	
5	TN600321	Load Pin	2
	TN600337	Load Pin (10,000 lb & 4400 kg cells)	
6	MZ0909000005	O-Ring	2
	MZ0909000050	O -Ring (10,000 lb & 4400 kg cells)	
7	TN600463-1	Load Pin Gasket	2
	TN600463-2	Load Pin Gasket (5,000 lb & 2200 kg)	
	TN600463-3	Load Pin Gasket (10,000 lb & 4400 kg cells)	
8	TN600467-10	Fixed Upper Block	1
	TN600466-10	Fixed Upper Block (10,000 lb & 4400 kg cells)	
9	TN600469-10	Semi-Floating Upper Block	1
	TN600468-10	Semi-Floating Upper Block (10,000 lb & 4400 kg cells)	
10	TN600464-10	Support Tube	2
	TN600465-10	Support Tube (10,000 lb & 4400 kg cells)	
11	TN600461	Receiver Block Clamp Plate	4
12	MZ0901010409	1/2 - 13 Soc. Hd. Cap Screw x 2.00 Lg.	8
13	TN600470-10	Live Beam Checking Bracket	4
14	MZ0901010076	3/8 - 16 Hex. Hd. Bolt x 1.25 Lg.	4
15	MZ0901030047	3/8 Lock Washer	4
16	MZ0901020016	3/8 Hex Nut	4

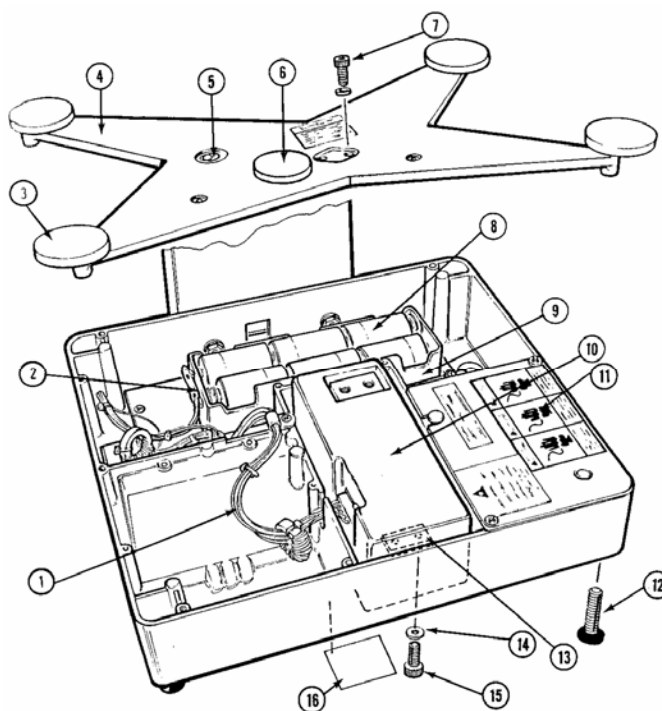
Model 1938

1938 Display Housing

Ref.	Part Number	Description	Qty
1	*13250800A	KEYBOARD OVERLAY	1
2	A13250900A	KEYBOARD SWITCH MEMBRANE, 1 X 6 (N.S.)	1
3	*13298400A	SPACER, SWITCH MEMBRANE LAYER (N.S.)	1
	*13488600A	KEYBOARD KIT (INCLUDES ALL THE ABOVE - REF #1,2, &3)	1
4	*13250700A	LENS, DISPLAY	1
5	*13250000A	HOUSING, DISPLAY	1
6	*13249000A	PCB ASSEMBLY, DISPLAY	1
7	*13368100A	INSULATOR, PCB	1
8	B13297600A	HARNESS ASSEMBLY, INTERCONNECT	1
9	R0387200A	SCREW, 8-32 X 3/8" TRUSS	4
10	*13250400A	END CAP	2



1938 Display Housing



1938 Base Interior

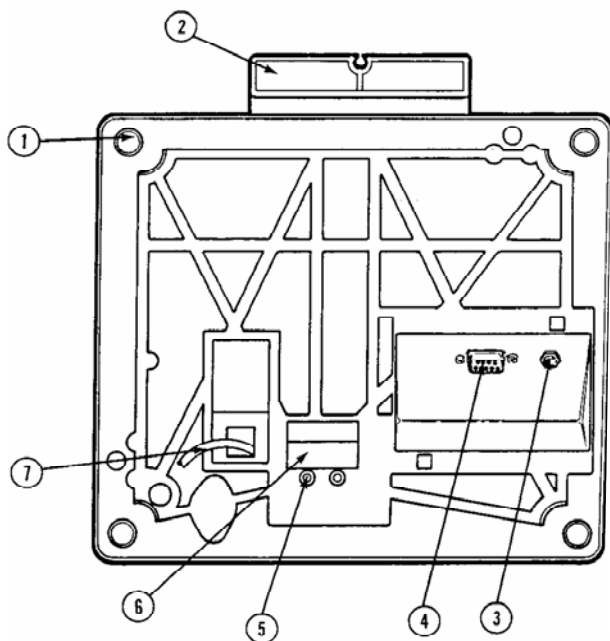
1938 Base Interior

Ref.	Part Number	Description	Qty
1	B13297600A	INTERCONNECT HARNESS ASSEMBLY	1
2	A13327500A	CONNECTOR, BATTERY SNAP	1
3	A13253600A	FOOT, PLATTER PAD	4
4	D12051400C	SPIDER, 1938-0001	1
	C12051400D	SPIDER, 1938-0002 & 1938-0003	1
5	*10268900A	LEVEL INDICATOR	1
6	*13333200A	PAD, CENTER	1
7	R0350800A	SCREW, CAP 1/4-28 X 1" 1938-0001	2
	R0350700A	SCREW, CAP 1/4-28 X 1.5" 1938-0002	2
	R0319700A	SCREW, CAP 1938-0003	2
*8	*13293700A	BATTERY, ALKALINE D-CELL 1.5 VDC	6
9	*13257500A	HOLDER ASSEMBLY, BATTERY	1
10	*13258300A	DIGITAL LOAD CELL, 30 kg 1938-0001	1
	*13258500A	DIGITAL LOAD CELL, 60 kg 1938-0002	1
	*13258900A	DIGITAL LOAD CELL, 140 kg 1938-0003	1
11	*13334800A	LABEL, WARNING	1
12	*13315500A	FOOT ASSEMBLY	4
13	A12233900A	SPACER, LOAD CELL LOWER 1938-0001	1
	*12259100A	SPACER, LOAD CELL LOWER 1938-0002	1
	*13304200A	SPACER, LOAD CELL LOWER 1938-0003	1
14	R0256600A	WASHER, 1/4" FLAT 1928-0002 ONLY	4
15	R0350700A	SCREW, CAP 1/4-28 X 1" -0001/-0002	2
	R0301800A	SCREW, CAP 5/16-18 X 7/8" 1938-0003	2
16	*11985900A	LABEL, ASSEMBLY SPEC'S, -0001/-0002	1
	*13342800A	LABEL, ASSEMBLY SPEC'S 1938-0003	1

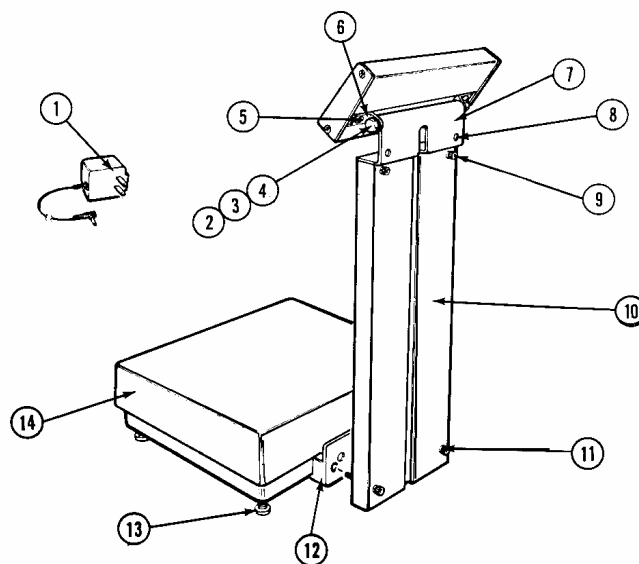
* Part number may have alpha prefix

1938 Base Exterior

Ref.	Part Number	Description	Qty
1	*13315500A	FOOT ASSEMBLY	4
2	*13250300A	SUPPORT, COLUMN MOUNTING	1
3	*13271700A	CONNECTOR JACK, WALL TRANSFORMER	1
4	*11867000A	CONNECTOR, 9 POSITION Dsub FEMALE	1
5	R0350700A	SCREW, CAP 1/4-28 X 1" -0001/-0002	1
	R0301800A	SCREW, CAP 5/16-18 X 7/8" 1938-0003	1
6	*11985900A	LABEL, ASSEMBLY SPEC'S, -0001/-0002	1
	*13342800A	LABEL, ASSEMBLY SPEC'S, 1938-0003	1



1938 Base Exterior



1938 Exterior

1938 Exterior

Ref.	Part Number	Description	Qty
1	*13082700A	WALL TRANSFORMER, 120VAC/12VDC	1
2	*13250500A	SHOULDER SCREW 10-32	2
3	R0387300A	SPRING WASHER, .265 I.D.	2
4	*13249900A	PIVOT WASHER, NEOPRENE	2
5	R0387200A	SCREW, 8-32 X 3/8" TRUSS	2
6	*13250600A	BRACKET, PIVOT ANGLE	2
7	*13250100A	INDICATOR SUPPORT	1
8	R0391100A	HOLE PLUG, BLACK 5/16"	2
9	R0354400A	SCREW, CAP 10-32 X 1"	2
10	*13250200A	COLUMN, INDICATOR MOUNTING	1
11	R0272300A	SCREW, CAP 1/4-20 X 1.5"	2
12	*13250300A	SUPPORT, COLUMN MOUNTING	1
13	*13315500A	FOOT ASSEMBLY	4
14	*13254900A	PLATTER	1

1938 Optional Accessories

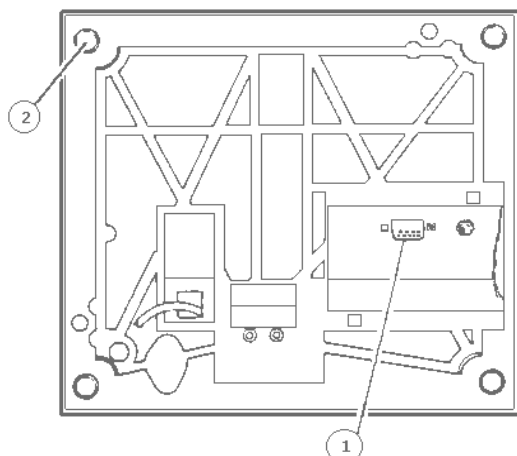
Part Number	Description	Sales Number
*13304500A	ADJUSTABLE HEIGHT STAND	0924-0036
*13330400A	CASTERS FOR STAND KOP	0924-0019
*13304400A	WALL MOUNT TRANSFORMER KOP	0901-0266

* Part number may have alpha prefix

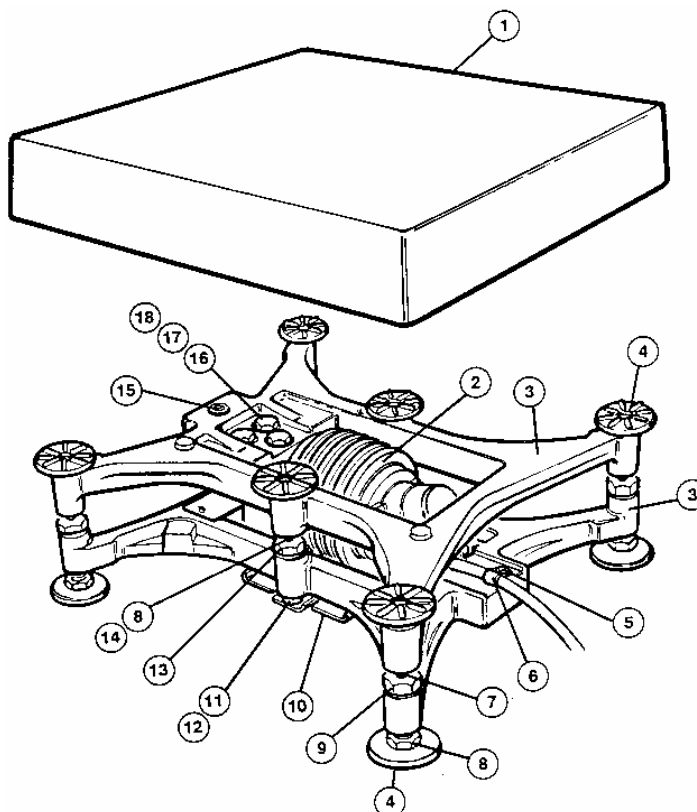
Models 1996 and 1997

1996 Scale Base

Part Number	Description	Qty.
*13258300A	30 kg, (1996 - 0001)	As required
*13258500A	60 kg, (1996 - 0002)	As required
*13258900A	140 kg, (1996 - 0003)	As required



1996 Scale Base



1997 Scale Base

1997 Scale Base

Ref.	Part Number	Description	Qty.
1	*13255300A	Platter	1
2	A13067800A	Load Cell Assb., Herm./30kg/SS (1997-0001)	1
	B13067900A	Load Cell Assb., Herm./100kg/SS (1997-0002)	1
	*141416	Load Cell Assb., Herm./100kg/SS (1997-0102)	1
3	A13333100A	Machined Frame	2
4	A13253600A	Foot/Platter Pad	10
5	R0357700A	Screw, 10-32 x 1/2" SS	1
6	*12476400A	Cable Clamp	1
7	*13257900A	Setscrew, Outside	4
8	R0391500A	Nut, Hex 3/8 - 24 SS	16
9	*13257800A	Overload Stop, Outside	4
10	*13418300A	Plate, Load Cell Protection	1
11	*13418400A	Spacer	2
12	R0286000A	Screw, 3/8 - 24 x 5/8" Hex/Cap	2
13	A13299000A	Overload Stop, Inside	2
14	A13305600A	Setscrew, Inside	2
15	*10268900A	Level Indicator	1
16	R0389700A	Nut, Hex 3/8 - 24 SS	6
17	R0389900A	Washer, Flat .406" ID SS	6
18	R0390600A	Screw, Hex 3/8 - 24 x 1-1/4" SS	6

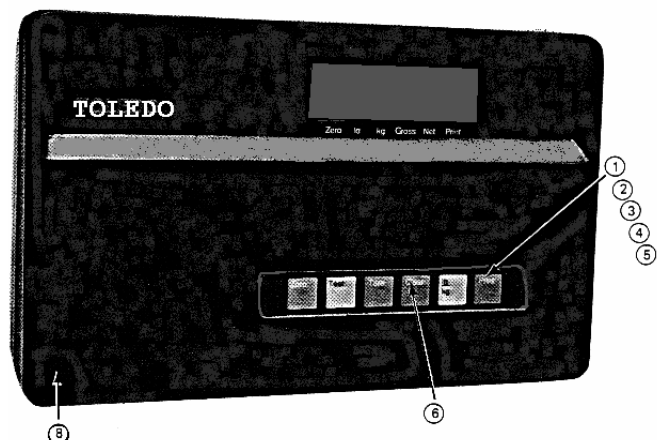
1997 Accessories

Part Number	Description	Sales Number
*13304800A	19" Stand Mounted Stainless Column for Mounting 8520 and 8530 Wall Mount Indicators	0924 - 0038
A13423800A	Adjustable Height Stainless Stand With Casters	0924 - 0036
A13649100A	18" Stainless Steel Column to Mount 8510SS to Scale Base	0924 - 0049

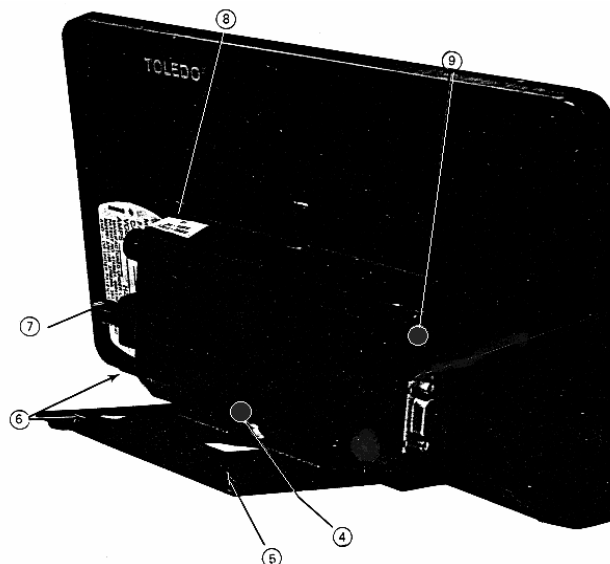
* Part number may have alpha prefix

2026 Front Cover – Plastic Enclosure

Ref.	Part Number	Description	Qty.
1	B114648 00A	Keyboard	1
2	*117593 00A	Insulator Assembly	1
3	*116258 00A	Keyboard Clamp	1
4	R01771 050	No. 6 Lockwasher	4
5	R01948 050	Screw 6-32 x 3/16	4
6	A114659 00A	Keyboard Overlay	1
8	A114661 00A	* Front Cover Assembly, (Ram 1)	1



2026 Front Cover – Plastic Enclosure



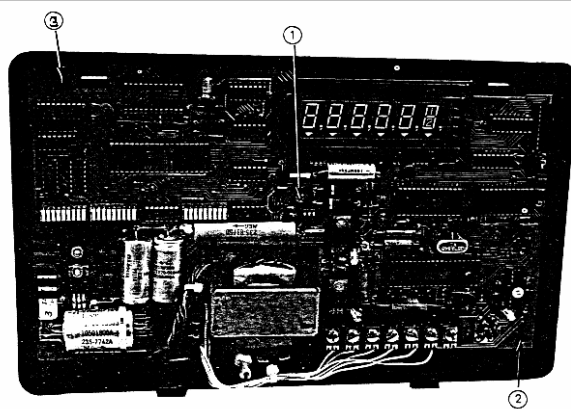
2026 Miscellaneous Hardware– Plastic Enclosure

2026 Miscellaneous Hardware – Plastic Enclosure

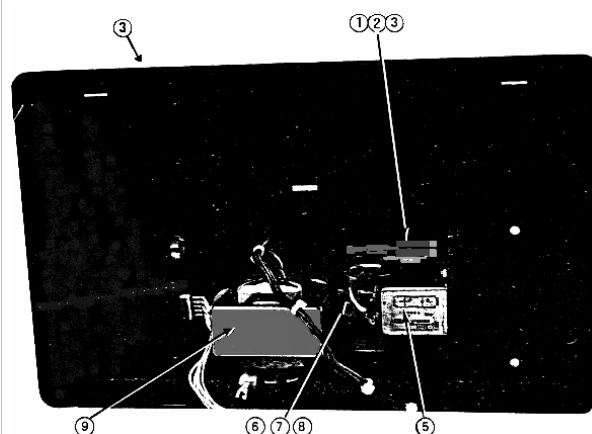
Ref.	Part Number	Description	Qty.
4	R02617 00A	Screw, No. 10 3/8 Plastic	1
5	*116277 00A	Mounting Bracket	1
6	*108397 00A	Rubber Foot	4
7	*103967 00A	Line Cord	1
8	*116251 00A	Fuse Decal	1
9	*114662 00A	Holder Plug	1

2026 PCB and Mounting Hardware

Ref.	Part Number	Description	Qty.
1	R02858 00A	Screw, No.6 x 5/16	1
2	*117591 00A	Flanged Bushing	4
3	U114629 00A	Main PCB	1



2026 PCB And Mounting Hardware



2026 Transformer and Harness Assembly

2026 Transformer and Harness Assembly

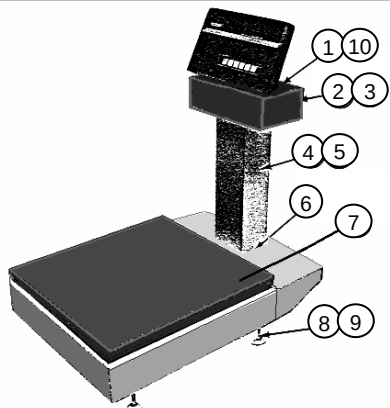
Ref.	Part Number	Description	Qty.
1	P00604 020	Fuseholder (3AG)	1
2	R01671 050	1/2" Lockwasher	1
3	P00685 020	.2A Slo-Blo Fuse	1
5	*102276 00A	Line Filter (Part of 11466000A)	1
6	R00844 130	Screw, 8-32 x 3/8	2
7	R00589 130	No.8 Lockwasher	2
8	R01611 050	Nut, 8-32	2
9	*114660 00A	Transformer Harness Assembly	1
11	A114646 00A	Rear Cover	1

* Part number may have alpha prefix

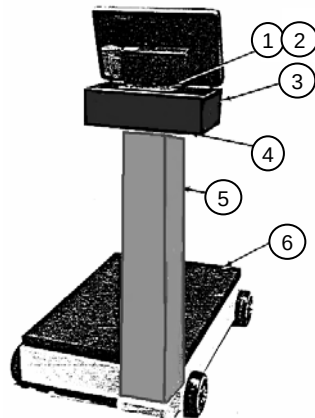
Model 2026

2026 Top Cover and Platform

Ref.	Part Number	Description	Qty
1	R02254 00A	Screw, 8-32 x 3/8	2
2	A119083 00A	Cover, Top	1
3	R00844 130	Screw 8-32 x 3/8	4
4	*119090 00A	Column, Short	1
5	080288 00A	Plate, Column	2
6	R01899 140	Button, Plug	1
7	*116375 00A	Platform	1
8	R00921 050	Screw, 1/2-13 x 2-1/2	4
9	R01459 050	Nut, 1/2 - 13	4
10	R00589 130	Washer, Lock #8	2



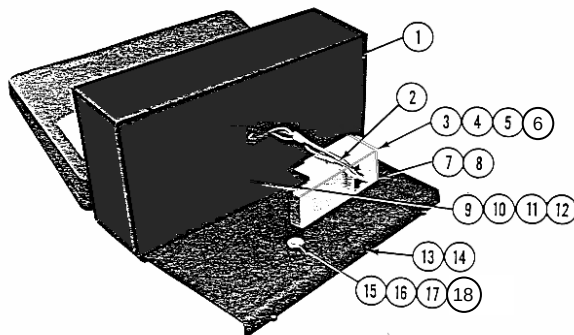
2026 Top Cover and Platform



2026 Top Cover and Platform

2026 Top Cover and Platform

Ref.	Part Number	Description	Qty
1	R00589 130	Washer, Lock #8	2
2	R02254 00A	Screw, 8-32 x 3/8	2
3	A119083 00A	Cover, Top	1
4	R00844 130	Screw 8-32 x 3/8	4
5	*119081 00A	Column, Tall	1
6	*080287 00A	Platform	1



2026 Load Cell and Steelyard

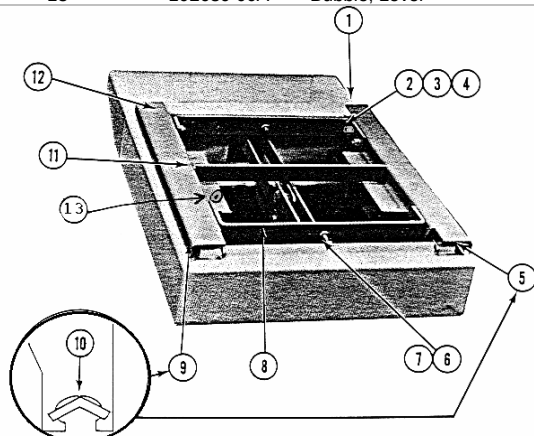
2026 Load Cell and Steelyard

Ref.	Part Number	Description	Qty
1	*124626 00A	Grommet	1
2	*119088 00A	Harness, Load Cell	1
3	*123741 00A	Load Cell Assembly, 25lb	1
4	*123742 00A	Load Cell Assembly, 50lb	1
5	*123743 00A	Load Cell Assembly, 100 lb	1
6	*123744 00A	Load Cell Assembly, 200 lb	1
7	R01258 050	Screw, 10-32 x 3/8	2
8	R01155 13A	Screw, 10-32 x 1/2	2
9	A119086 00A	Hook Assembly	1
10	R00433 050	Nut, 5/16 - 18	1
11	*119085 00A	Rod, Steelyard (2126)	1
12	*080284 00A	Nose Iron, Hook	1
13	A119082 00A	Column, Top Channel	1
14	R02281 00A	Fastener	2
15	*119084 00A	Rod Column (2126)	2
16	R00440 00A	Washer, 3/8	4
17	*000043 050	Nut, 3/8 - 16	4
18	*119091 00A	Rod, Column (2026)	2
19	*119092 00A	Rod, Steelyard (2026)	1

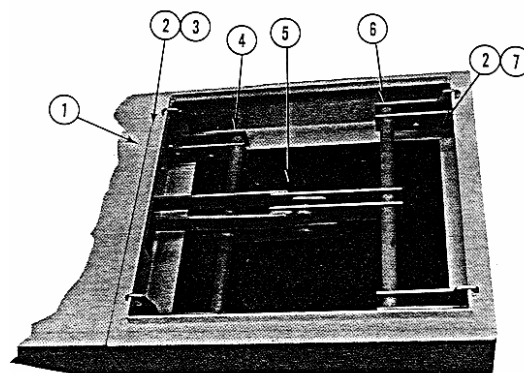
* Part number may have alpha prefix

2026 Platform Support

Ref.	Part Number	Description	Qty
1	*116381 00A	Spider Assembly	1
2	R00799 050	Bolt, No. 3/8-16 x 1	6
3	R01539 050	Hex Nut, No. 3/8 - 16	6
4	R00440 00A	Lockwasher No. 3/8	6
5	*116373 00A	Spider, Right Hand	1
6	R00433 050	Nut, No. 5/16 - 18	4
7	*029871 00A	Screw, No. 5/16-18 x 2	2
8	*080275 00A	Brace, Bent	1
9	*116374 00A	Spider, Left Hand	1
10	*004440 020	Bearing	4
11	*080276 00A	Brace, Straight	1
12	*080292 00A	Brace Assembly, Bent	1
13	*102689 00A	Bubble, Level	1



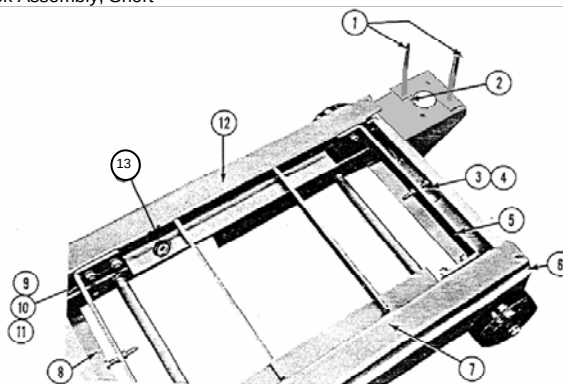
2026 Platform Support



2026 Base and Levers

2026 Base and Levers

Ref.	Part Number	Description	Qty.
1	*119621 00A	Base Assembly	1
2	*080285 00A	Support Fulcrum Hook	4
3	*080278 00A	Hook Assembly, Long	2
4	*116379 00A	Lever Assembly, Short	1
5	*080282 00A	Loop Assembly, Center	1
6	A116385 00A	Lever Assembly, Long	1
7	*080280 00A	Hook Assembly, Short	2



2026 Spider Assembly

2026 Spider Assembly

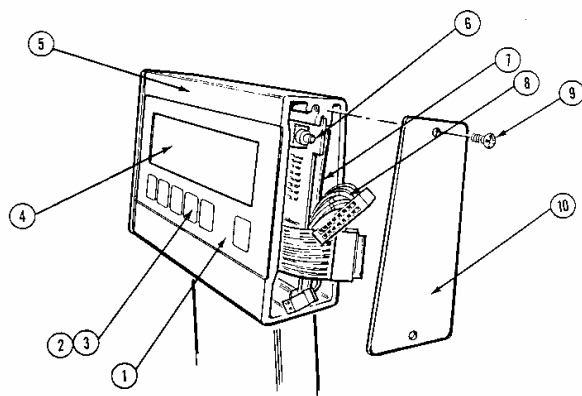
Ref.	Part Number	Description	Qty.
1	*119084 00A	Rod, Column	2
2	*080288 00A	Plate, Column	2
3	*029871 00A	Screw, 5/16 - 18	2
4	R00433 050	Nut, 5/16	4
5	*080292 00A	Brace Assembly, Bent	1
6	*080274 00A	Spider, R.H.	1
7	*080276 00A	Brace - Straight	2
8	*080275 00A	Brace - Bent	1
9	R00440 00A	Lockwasher, 3/8	6
10	R00799 050	Screw, 3/8 - 16	6
11	R01539 050	Nut, 3/8 - 16	6
12	*080273 00A	Spider, L.H.	4
Not Shown	*004440 00A	Bearing	4
13	*102689 00A	Bubble, Level	1

* Part number may have alpha prefix

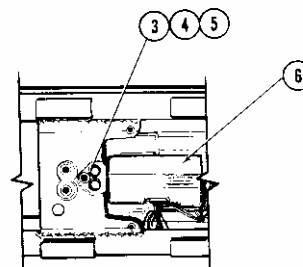
Model 2038

2038 Display House

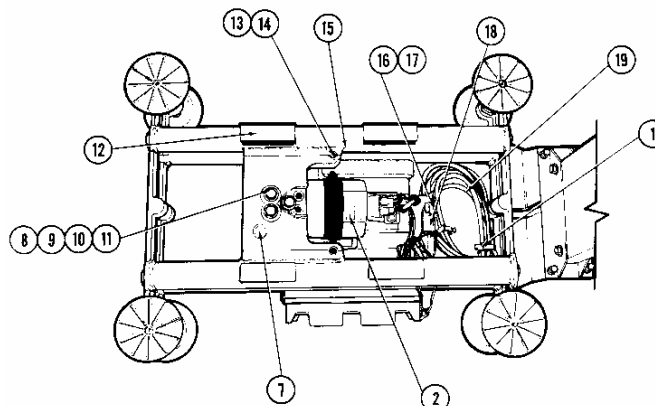
Ref.	Part Number	Description	Qty
1	*13250800A	Keyboard Overlay	1
2	A13250900A	Keyboard Switch Membrane, 1 X 6 (Not Shown)	1
3	*13298400A	Spacer, Switch Membrane Layer (Not Shown)	1
4	*13250700A	Lens, Display	1
5	*13250000A	Housing, Display	1
6	A13249000A	PCB Assembly, Display	1
7	*13368100A	Insulator, PCB	1
8	C13297600A	Harness Assembly, Interconnect	1
9	R0387200A	Screw, 8 - 32 X 3/8" Truss	4
10	*13250400A	End Cap	2



2038 Display House



2038 140kg load cell



2038 Base Load Cell

2038 Base Load Cell

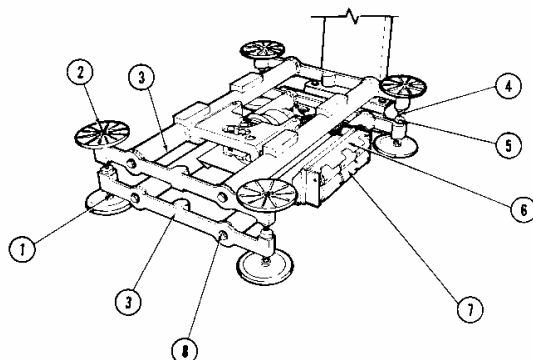
Ref.	Part Number	Description	Qty
1	*13342900A	Wire Clip, Snap In	2
2	A13068200A	Load Cell, GP/SS/300 KG Digital 2038-0002 (see note for -0001)	1
3	*13299300A	Spacer, 140 KG L/C (2038-0001)	2
4	R0390900A	Washer, Flat .344 ID, CS (2038-0001)	4
5	R0392200A	Screw, Cap 5/16-18 X 1.25 (2038-0001)	4
6	B13258900A	Load Cell, GP/140 KG Digital 2038-0001 ONLY	1
7	*10268900A	Level Bubble	1
8	R0389600A	Nut, Hex 3/8-24 CS (2038-0002)	6
9	R0389800A	Washer, Flat .406 ID/CS (2038-0002)	6
10	R0390200A	Screw, Hex 3/8-24 X 2 CS (2038-0002)	6
11	*13299400A	Spacer, 300 KG L/C (2038-0002)	2
12	*13253900A	Platter Pad, Center	4
13	A13305500A	Setscrew, Inside	2
14	*009131050	Nut	2
15	A123299000A	Overload Stop, Inside	2
16	*10856800A	Screw Lock Assembly	1
17	*11867000A	Connector, DE-9 Female 9 Pin	1
18	*13271700A	Connector, Jack, Wall Transformer	1
19	C13297600A	Interconnect Harness Assembly	1

* Part number may have alpha prefix

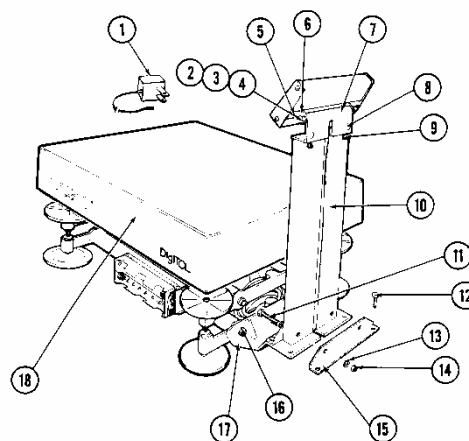
2038 Base Frame

Ref.	Part Number	Description	Qty
1	*009131050	Nut, 3/8-24 CS	12
2	A13254100A	Foot/Platter Pad	8
3	*13071700A	Frame	2
4	*13258600A	Setscrew, Outside	4
5	*13257800A	Overload Stop, Outside	4
6	*13257500A	Battery Holder	1
#7	*13293700A	Battery, 1.5VDC Alkaline	6
8	R0392700A	Screw, Cap 3/8-16 X 1/2	6

#7 Expendable Item - Not covered by standard product warranty.



2038 Base Frame



2038 Exterior

2038 Exterior

Ref.	Part Number	Description	Qty.
1	*13082700A	Wall Transformer, 120VAC/12VDC	1
2	*13250500A	Shoulder Screw 10-32	2
3	R0387300A	sprint washer, .265 I.D.	2
4	*13249900A	Pivot Washer, Neoprene	2
5	R0387200A	Screw, 8-32 X 3/8" TRUSS	2
6	*13250600A	Bracket, Pivot Angle	2
7	*13250100A	Indicator Support	1
8	R0391100A	Hole Plug, Black 5/16"	2
9	R0354400A	Screw, Cap 10-32 X 1"	2
10	*13250200A	Column, Indicator Mounting	1
11	R0394600A	Screw, Cap 1/4-20 X 1-3/4"	2
12	R0275900A	Screw, Cap 1/4-20 X 3/4"	4
13	R0394500A	Washer, Split Lock 1/4"	6
14	R0394400A	Nut, Hex 1/4-20	6
15	*13253500A	Angle, Column Mounting	2
16	R0276200A	Screw, Cap 3/8 - 16 X 1	2
17	*1333300A	Bracket, Column Mounting	1
18	*13254800A	Platter	1

2038 Options

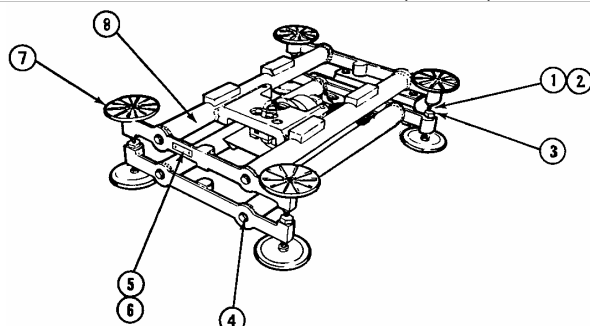
Part Number	Description	Factory Number
*13304500A	Adjustable Height Stand	0924-0036
*13330400A	Casters For Stand KOP	0924-0019
*13304400A	Wall Mount Transformer KOP	0901-0266

* Part number may have alpha prefix

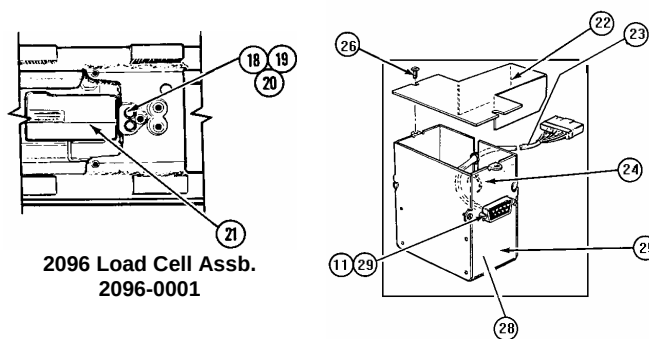
Model 2096

2096 DigiTOL Scale Base

Ref.	Part Number	Description	Qty
1	*009131050	3/8-24 C.S. Nut	12
2	*13258600A	Setscrew, Outside	4
3	*13257800A	Outside Overload Stop	4
4	R0392700A	3/8-16 X 1/2 Cap Screw	8
5	Not Available	Data Plate	1
6	R0395700A	.188 - .250 Blind Rivet	2
7	A13254100A	Foot / Platter Pad	8
8	*13555000A	Machined Frame	2
Not Shown	*13254800A	Platter (Removed)	1

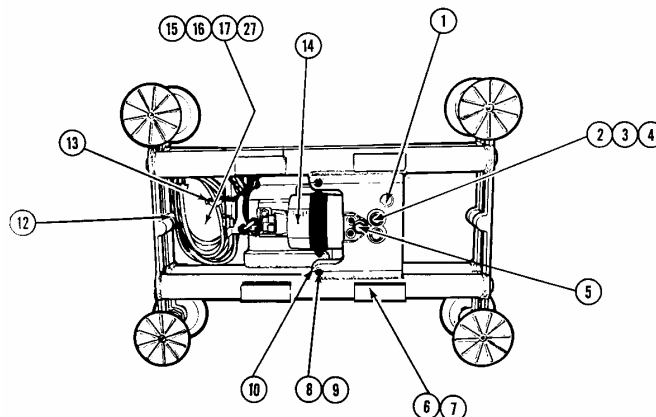


2096 Weigh Platform Support And Spider Components



2096 Load Cell Assb.
2096-0001

Junction Box



2096 Load Cell Assembly and Junction Box

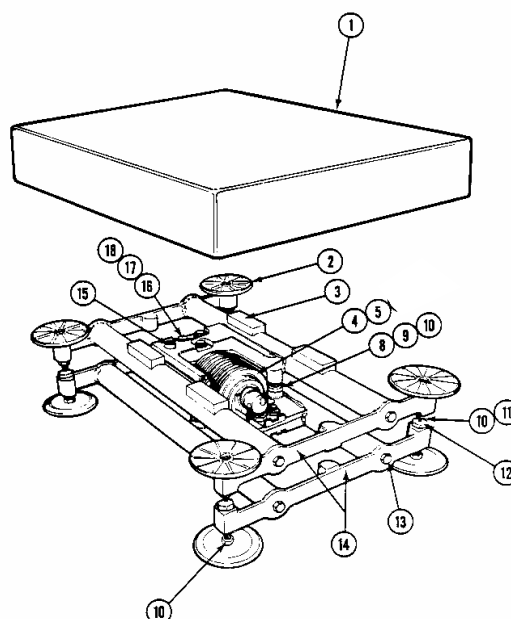
2096 Load Cell Assembly and Junction Box

Ref.	Part Number	Description	Qty
1	*10268900A	Level	1
2	R0389600A	3/8-24 C.S. Hex Nut (2096-0002, -0003, -0004)	6
3	R0389800A	.406 ID C.S. Flat Washer (2096-0002, -0003, -0004)	6
4	R0390200A	3/8-24 X 2 C.S. Hex Screw (2096-0002, -0003, -0004)	6
5	*13299400A	Load Cell Spacer (2096-0002, -0003, -0004)	2
6	*13253900A	Platter Pad	4
7	* 759070	Adhesive	Suff.
8	A13305500A	Inside Set Screw	2
9	0091313050	Nut	2
10	A13299000A	Inside Overload Stop	2
11	*13586500A	Standoff Screw	2
12	*13011500A	Indicator Cable	1
13	*13342900A	Snap-in Wire Clip	2
14	A13068200A	300 kg Load Cell Assembly (2096-0002)	1
	A13634500A	100 kg Load Cell Assembly (2096-0003)	1
	A13634200A	300 kg Load Cell Assembly (2096-0004)	1
15	C13305200A	Bottom Panel Assembly	1
16	R0388000A	Rivet	5
17	R0309000A	6-32 x 3-8 PH. Screw	1
18	A13299300A	Spacer (2096-0001)	2
19	R0390900A	.344 ID Flat Washer (2096-0001)	4
20	R0392200A	5/16-18 x 1/25 Cap Screw (2096-0001)	4
21	A13549900A	140 kg Load Cell Assembly (2096-0001)	1
22	*13585300A	Junction Box Cover	1
23	A13304000A	Load Cell Harness	1
24	*12562300A	Plug	1
25	*13585400A	Junction Box	1
26	R0402900A	6-32 x 3/8 PH RD HD Screw	2
27	R0254300A	#6 Lock Washer	1
28	R0361200A	8-32 x 3/8 Screw	2
29	R0254200A	#4 Lock Washer	2

* Part number may have alpha prefix

2097 Scale Base

Ref.	Part Number	Description	Qty
1	*13255400A	Platter	1
2	A13254100A	Foot/Platter Pad	8
3	*13254900A	Platter Pad	4
4	A13067900A	Load Cell, 2097-0001 Digital Herm/Stainless/100 kg	1
5	A13068000A	Load Cell, 2097-0002 Digital Herm/Stainless/300 kg	1
8	A13299000A	Overload Stop, Inside	2
9	A13334700A	Setscrew, Inside	2
10	R0391600A	Nut, Hex, 3/8-1/16 x 1/2"	14
11	*13258700A	Setscrew, Outside	4
12	*13257800A	Overload Stop, Outside	4
13	R0392800A	Screw, Cap, 3/-1/16 x 1/2"	8
14	*13554800A	Frame, Machined	2
15	*10268900A	Level Indicator	1
16	R0390300A	Screw, Hex, 3/8-24 x 2"/SS	6
17	R0389900A	Washer, Flat, .406" ID/SS	6
18	R0389700A	Nut, Hex, 3/8-24 UNF/SS	6



2097 Scale Base

2097 Accessories

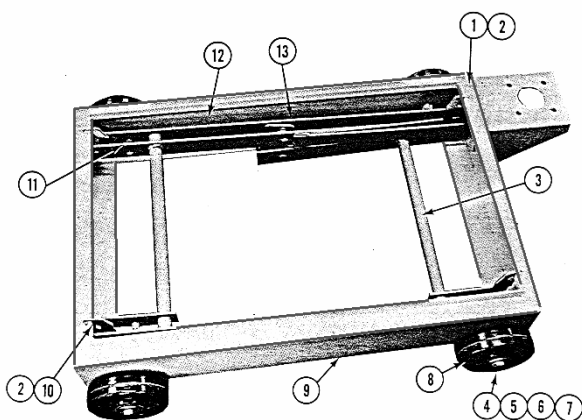
Part Number	Description	Sales Number
*13304800A	19" Stand-mounted stainless column for mounting 8520, 8530, 8582 wall mount indicators	0924-0038
A13423800A	Adjustable height stainless stand with casters	0924-0036
*13556300A	Column Mount for mounting Stainless Steel Columns	0924-0046

* Part number may have alpha prefix

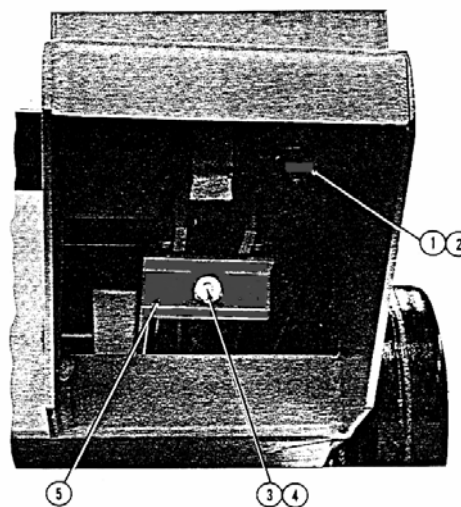
Model 2126

2126 Main Levers, Wheels

Ref.	Part Number	Description	Qty
1	*08027800A	Hook Assembly - Long	2
2	*08028500A	Support, Fulcrum Hook	4
3	*08027100A	Lever Assembly - Short	1
4	R00989050	Screw, 1/2-13 x 3-1/4	4
5	R01459050	Nut 1/2-13	4
6	R01556050	Washer - 1/2	8
7	*00058800A	Lockwasher 1/2	4
8	*11656800A	Wheel	4
9	*08025100A	Base Assembly	1
10	*08028000A	Hook Assembly - Short	2
11	*08026100A	Pivot	10
12	B08025800A	Lever Assembly - Long	1
13	*08028200A	Loop Assembly - Center	1



2126 Main Levers, Wheels



2126 Nose Iron

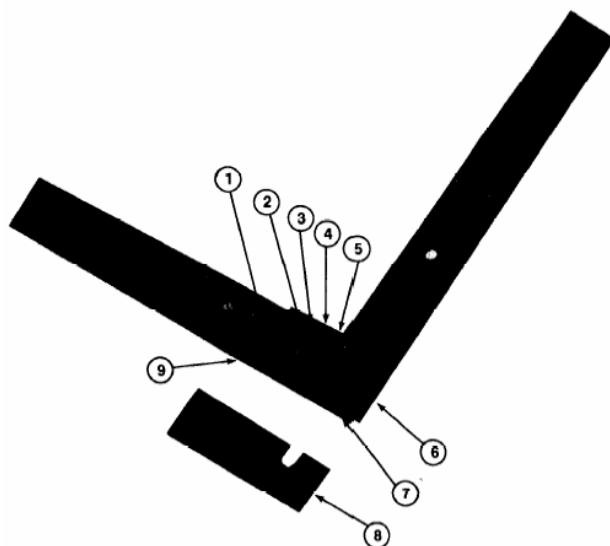
2126 Nose Iron

Ref.	Part Number	Description	Qty
1	*00004300A	Nut, 3/8	2
2	R0044000A	Lockwasher, 3/8	2
3	R0281300A	Nut, 1/4-20	2
4	R0300900A	Screw, 1/4-20	1
5	B08026700A	Nose Iron Assembly	1

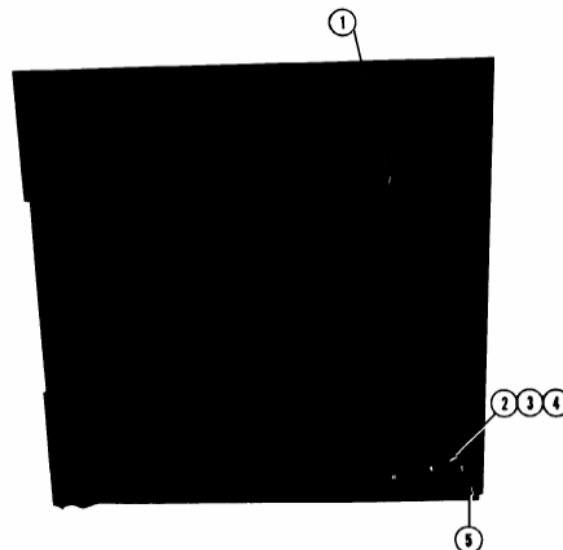
* Part number may have alpha prefix

2155 Floor Scale Frame and Load Receiver

Ref.	Part Number Mild Steel	Part Number Stainless Steel	Description	Qty.
1	03474600A	R0236300A	Washer, 1/4"	16
2	*11748000A	*11748000A	Ball Bearing (11/16" Diameter)	4
3	*11769000A	*11769000A	Sleeve (Rubber)	4
4	*11706700A	*11706700A	Receiver Socket	4
5	*11769300A	*11769300A	Shim	As Required
6	*11801400A	*11801600A	Frame Assembly, 3' x 3' Platform	1
	*11801000A	*11801200A	Frame Assembly, 4' x 4' Platform	1
	*11800600A	*11800800A	Frame Assembly, 5' x 5' Platform	1
7	R01755050	R0327900A	Screw, 1/4-20 x 5/16"	8
8	*11800000A	*11802900A	Cover Frame Plate with Slot	1
9	*11746200A	*11802800A	Cover Frame Plate without Slot	3



2155 Frame and Load Receiver



2155 Load Cell

2155 Floor Scale Load Cell

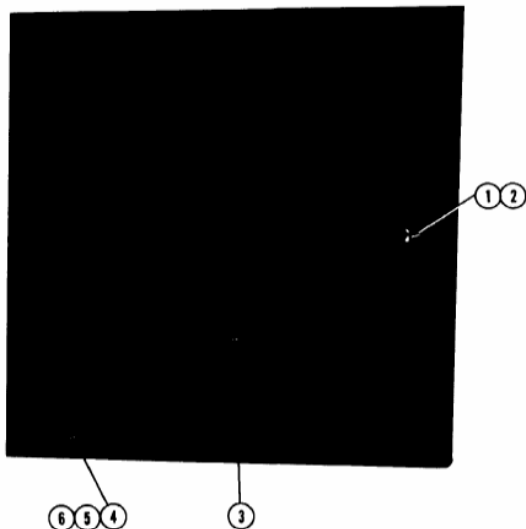
Ref.	Part Number Mild Steel	Part Number Stainless Steel	Description	Qty.
1	*11705900A	*11705900A	Rubber Grommet (Qty of 10 for 5' x 5' platform)	6
2	*11785300A	*11785700A	Load Cell, 500 lb, Load Cell without load button socket	4
3	*11786900A	*11787300A	Load Cell, 1000 lb, Load Cell without load button socket	4
4	*11788500A	*11788900A	Load Cell, 2000 lb, Load Cell without load button socket	4
5	*11706600A	*11706600A	Load Button Socket	4

* Part number may have alpha prefix

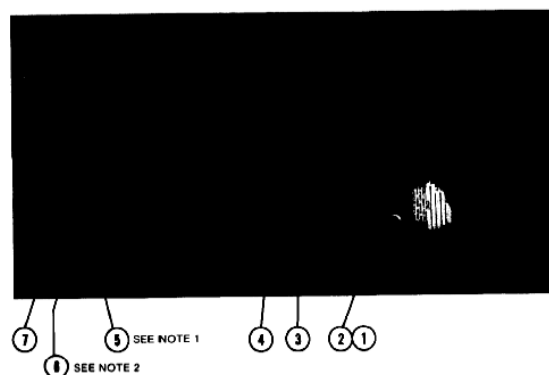
Model 2155

2155 Floor Scale Overload Load Cell and Checking Bolts

Ref.	Part Number Mild Steel	Part Number Stainless Steel	Description	Qty.
1	R0276600A	R0327700A	Bolt, 3/8-24 x 2"	4
2	R00976050	R0233800A	Nut, 3/8-24	4
3	R0327100A	R0327800A	Bolt, Allen Head 1/2-20 x 1 3/4"	8
4	R0221600A	R0221600A	Bolt, 3/8-16 x 1"	8
5	*027698050	R03176050	Washer	As Required
6	R0283200A	R0241400A	Lockwasher 3/8"	8



2155 Overload Load Cell and Checking Bolts



2155 Junction Box Assembly

2155 Floor Scale Junction Box Assembly

Ref.	Part Number Mild Steel	Part Number Stainless Steel	Description	Qty.
1	R02072020	R02072020	Bolt, 1/4-20 x 3/8"	4
2	*023112020	*023112020	Washer	4
3	*11822600A	*11822600A	Junction Box Assembly	1
4	*11823500A	*11823500A	Junction Box Cover	1
5	*11741700A	*11741700A	Water Tight Connection, (See Note 1)	4
6	*11741800A	*11741800A	Water Tight Connection (See Note 2)	1
7	510616020	510616020	Interconnecting Cable	As Required
Not Shown	*10469600A	*10469600A	Junction Box PCB	1
Not Shown	*11811600A	*11811600A	Desiccant Bag	2
Not Shown	*11825100A	*11825100A	Sealing compound (Tube)	As Required

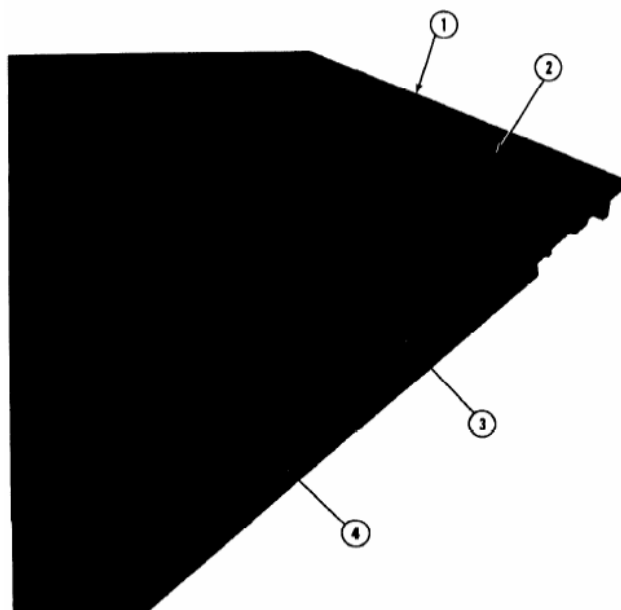
Note 1: This connector will properly seal cable from 5/16" to 3/8"

Note 2: This connector will properly seal cable from 3/8" to 7/16"

* Part number may have alpha prefix

2155 Floor Scale Platform Assembly

Ref.	Part Number Mild Steel	Part Number Stainless Steel	Description	Qty.
1	*11707000A	*11745300A	Platform Assembly	1
2	*11643700A	*11643700A	Eye Bolt	2
3	R0302500A	R0302500A	Screw, Hex Head 1/4-20 x 5/8"	1
4	*11770900A	*11771000A	Junction Box Cover Plate	1



2155 Platform Assembly

2155 Floor Scale Options

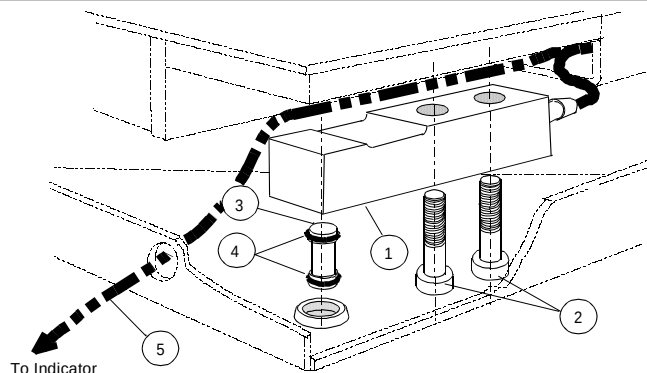
Part Number	Description	Qty.
*11799900A	Shim Kit of Parts Containing:	
*11799600A	Shim, .031" Thick	8
*11799700A	Shim, .062" Thick	2
*11799800A	Shim, .125" Thick	2
R0327400A	Screw, 1/2-13	8
Miscellaneous Parts		
*11769700A	Ball Bearing (1" diameter)	4
*08153600A	Magnalube (1.5 oz. tube)	1

* Part number may have alpha prefix

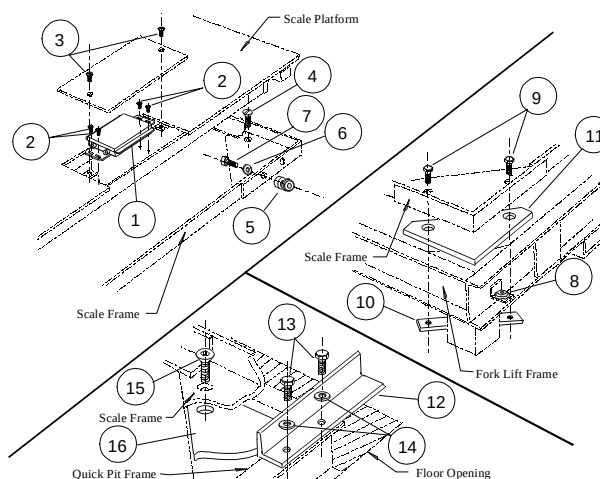
Model 2158

2158 Scale Base Load Cell Rocker and Pin Assembly

Ref.	Part Number	Description	Qty
1	TB600230-1	500 lb load cell (5000d) with 7.5 ft. cable	4
	TB600363-1	1250 lb hermetic load cell (5000d) with 7.5 ft. cable	
	TB600342	2500 lb load cell (5000d) with 15 ft. cable 5 x 7 platform ONLY	
	TB600342-1	2500 lb hermetic load cell (5000d) with 7.5 ft. cable	
	TB600343	5000 lb load cell (5000d) with 15 ft. cable 5 x 7 platform ONLY	
	TB600343-1	5000 lb hermetic load cell (5000d) with 7.5 ft. cable	
	TB600364-1	10000 lb hermetic load cell (5000d) with 15 ft. cable	
2	MZ0901010333	1/2-13 bolt x 1 3/4" Lg. (.5 - 2.5k load cell)	8
	MZ0901010409	1/2-13 bolt x 2" Lg. (5k load cell)	
	MZ0901010430	3/4-10 bolt x 2 1/2" Lg. (10k load cell)	
3	TN200050	Rocker pin (.5 - 5k load cell)	4
	MN21018	Rocker pin (5k load cell)	
	TN201975	Rocker pin (10k load cell)	
4	MZ0909000005	O-ring (.5 - 5k load cell)	8
	MZ0909000050	O-ring (10k load cell)	
5	510624370	24 ga., 6 conductor, shielded home run cable	Varies



2158 Load Cell Rocker and Pin Assembly



2158 Junction Box and Option Hardware

2158 Scale Base Junction Box and Option Hardware

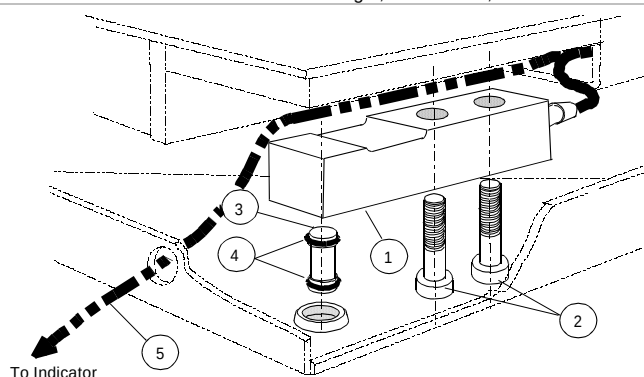
Ref.	Part Number	Description	Qty
1	TB100395	Analog junction box assembly (model 2158) Consists of: *13640300A Analog PCB TA800218 Desiccant bag	1
	TB100515-5	DigiTOL junction box assembly (model 2160) Consists of: *13839900A DigiTOL PCB TA800218 Desiccant bag	
2	MZ0901010379	1/4-20 phillips head screw x 1/4" lg.	4
3	MZ0901010035	3/8 flat head screw x 3/4" lg.	2
4	MZ0901010298	1/2-13 flat head screw x 1 1/2" lg.	8
2158 Ramp Option Hardware			
5	TA201611	Lug, ramp (per ramp)	2
6	MZ0901030076	3/8 lock washer (per ramp)	2
7	MZ0901010124	3/8-16 hex head bolt x 1" lg. (per ramp)	2
2158 Forklift Frame Option Hardware			
8	TN201817	Level bubble	1
9	MZ0901010298	1/2-13 flat head screw, hex socket x 1 1/2" lg.	8
	MZ0901010451	1/2-13 flat head screw, hex socket x 1 1/2" lg. S.S.	
10	TN201631	Hold down strap	4
	TN202231	Hold down strap S. S.	
11	TN201705	**5/8" spacer plate (UHMW poly)	4
2158 Quick Pit Option Hardware			
12	TN202623	Shipping angle	4
13	MZ0901010033	3/8-16 hex head screw x 3/4" lg.	8
14	MZ09011030011	3/8" zinc washer	8
15	MZ0901010249	**1/2-13 flat head screw, hex socket x 2 1/4" lg.	8
16	TN201705	**5/8" spacer plate (UHMW poly)	4

* Part number may have alpha prefix

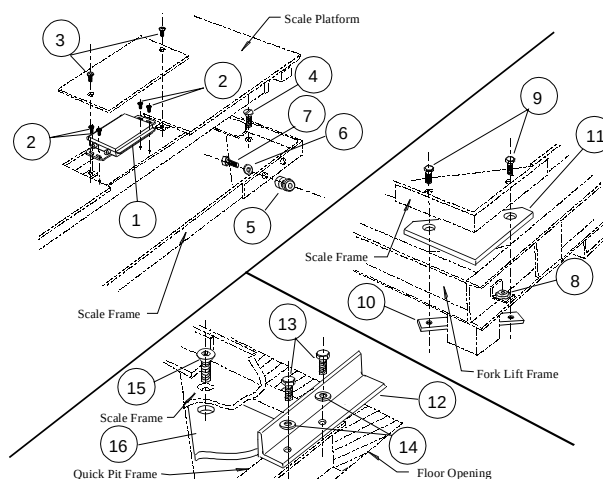
** Parts for 10k capacity ONLY

2160 Scale Base Load Cell Rocker and Pin Assembly

Ref.	Part Number	Description	Qty
1	TB600230-1	500 lb load cell (5000d) with 7.5 ft. cable	4
	TB600363-1	1250 lb hermetic load cell (5000d) with 7.5 ft. cable	
	TB600342	2500 lb load cell (5000d) with 15 ft. cable 5 x 7 platform ONLY	
	TB600342-1	2500 lb hermetic load cell (5000d) with 7.5 ft. cable	
	TB600343	5000 lb load cell (5000d) with 15 ft. cable 5 x 7 platform ONLY	
	TB600343-1	5000 lb hermetic load cell (5000d) with 7.5 ft. cable	
	TB600364-1	10000 lb hermetic load cell (5000d) with 15 ft. cable	
2	MZ0901010333	1/2-13 bolt x 1 3/4" Lg. (.5 - 2.5k load cell)	8
	MZ0901010409	1/2-13 bolt x 2" Lg. (5k load cell)	
	MZ0901010430	3/4-10 bolt x 2 1/2" Lg. (10k load cell)	
3	TN200050	Rocker pin (.5 - 5k load cell)	4
	MN21018	Rocker pin (5k load cell)	
	TN201975	Rocker pin (10k load cell)	
4	MZ0909000005	O-ring (.5 - 5k load cell)	8
	MZ0090000050	O-ring (10k load cell)	
5	510624370	24 ga., 6 conductor, shielded home run cable	Varies



2160 Load Cell Rocker and Pin Assembly



2160 Junction Box and Option Hardware

2160 Scale Base Junction Box and Option Hardware

Ref.	Part Number	Description	Qty
1	TB100395	Analog junction box assembly (model 2158) Consists of: *13640300A Analog PCB TA800218 Desiccant bag	1
	TB100515-5	DigiTOL junction box assembly (model 2160) Consists of: *13839900A DigiTOL PCB TA800218 Desiccant bag	
2	MZ0901010379	1/4-20 phillips head screw x 1/4" lg.	4
3	MZ0901010035	3/8 flat head screw x 3/4" lg.	2
4	MZ0901010298	1/2-13 flat head screw x 1 1/2" lg.	8
2158 Ramp Option Hardware			
5	TA201611	Lug, ramp (per ramp)	2
6	MZ0901030076	3/8 lock washer (per ramp)	2
7	MZ0901010124	3/8-16 hex head bolt x 1" lg. (per ramp)	2
2158 Forklift Frame Option Hardware			
8	TN201817	Level bubble	1
9	MZ0901010298	1/2-13 flat head screw, hex socket x 1 1/2" lg.	8
	MZ0901010451	1/2-13 flat head screw, hex socket x 1 1/2" lg. S.S.	
10	TN201631	Hold down strap	4
	TN202231	Hold down strap S. S.	
11	TN201705	**5/8" spacer plate (UHMW poly)	4
2158 Quick Pit Option Hardware			
12	TN202623	Shipping angle	4
13	MZ0901010033	3/8-16 hex head screw x 3/4" lg.	8
14	MZ09011030011	3/8" zinc washer	8
15	MZ0901010249	**1/2-13 flat head screw, hex socket x 2 1/4" lg.	8
16	TN201705	**5/8" spacer plate (UHMW poly)	4

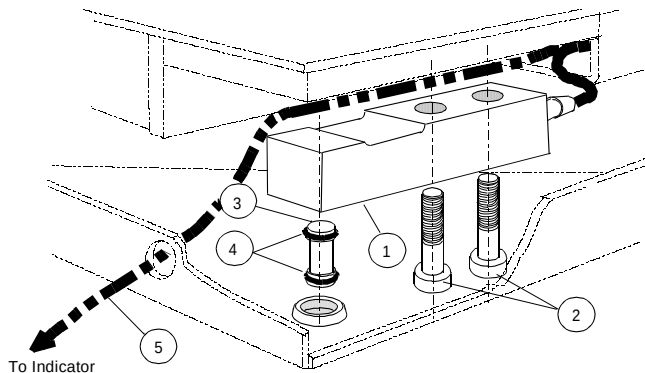
* Part number may have alpha prefix

** Parts for 10k capacity ONLY

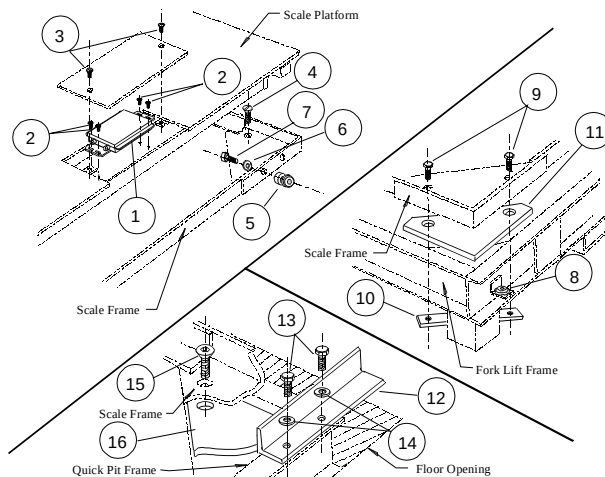
Model 2162

2162 Scale Base Load Cell Rocker and Pin Assembly

Ref.	Part Number	Description	Qty
1	TB600230-1	500 lb load cell (5000d) with 7.5 ft. cable	4
	TB600363-1	1250 lb hermetic load cell (5000d) with 7.5 ft. cable	
	TB600342	2500 lb load cell (5000d) with 15 ft. cable 5 x 7 platform ONLY	
	TB600342-1	2500 lb hermetic load cell (5000d) with 7.5 ft. cable	
	TB600343	5000 lb load cell (5000d) with 15 ft. cable 5 x 7 platform ONLY	
	TB600343-1	5000 lb hermetic load cell (5000d) with 7.5 ft. cable	
	TB600364-1	10000 lb hermetic load cell (5000d) with 15 ft. cable	
2	MZ0901010333	1/2-13 bolt x 1 3/4" Lg. (.5 - 2.5k load cell)	8
	MZ0901010409	1/2-13 bolt x 2" Lg. (5k load cell)	
	MZ0901010430	3/4-10 bolt x 2 1/2" Lg. (10k load cell)	
3	TN200050	Rocker pin (.5 - 5k load cell)	4
	MN21018	Rocker pin (5k load cell)	
	TN201975	Rocker pin (10k load cell)	
4	MZ0909000005	O-ring (.5 - 5k load cell)	8
	MZ0909000050	O-ring (10k load cell)	
5	510624370	24 ga., 6 conductor, shielded home run cable	Varies



2162 Load Cell Rocker and Pin Assembly



2162 Junction Box and Option Hardware

2162 Scale Base Junction Box and Option Hardware

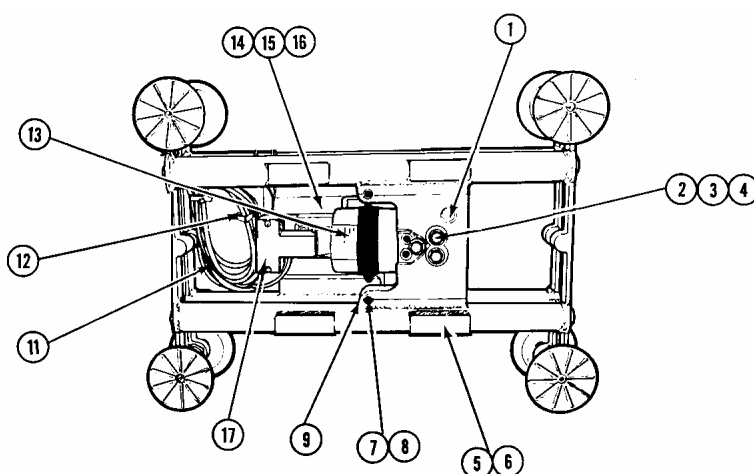
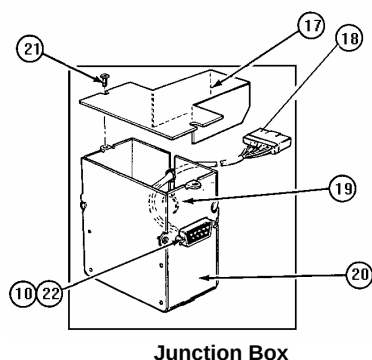
Ref.	Part Number	Description	Qty
1	TB100395	Analog junction box assembly (model 2158) Consists of: *13640300A Analog PCB TA800218 Desiccant bag	1
	TB100515-5	DigiTOL junction box assembly (model 2160) Consists of: *13839900A DigiTOL PCB TA800218 Desiccant bag	
2	MZ0901010379	1/4-20 phillips head screw x 1/4" lg.	4
3	MZ0901010035	3/8 flat head screw x 3/4" lg.	2
4	MZ0901010298	1/2-13 flat head screw x 1 1/2" lg.	8
2158 Ramp Option Hardware			
5	TA201611	Lug, ramp (per ramp)	2
6	MZ0901030076	3/8 lock washer (per ramp)	2
7	MZ0901010124	3/8-16 hex head bolt x 1" lg. (per ramp)	2
2158 Forklift Frame Option Hardware			
8	TN201817	Level bubble	1
9	MZ0901010298	1/2-13 flat head screw, hex socket x 1 1/2" lg.	8
	MZ0901010451	1/2-13 flat head screw, hex socket x 1 1/2" lg. S.S.	
10	TN201631	Hold down strap	4
	TN202231	Hold down strap S. S.	
11	TN201705	**5/8" spacer plate (UHMW poly)	4
2158 Quick Pit Option Hardware			
12	TN202623	Shipping angle	4
13	MZ0901010033	3/8-16 hex head screw x 3/4" lg.	8
14	MZ09011030011	3/8" zinc washer	8
15	MZ0901010249	**1/2-13 flat head screw, hex socket x 2 1/4" lg.	8
16	TN201705	**5/8" spacer plate (UHMW poly)	4

* Part number may have alpha prefix

** Parts for 10k capacity ONLY

2196 Load Cell Assembly and Junction Box

Ref.	Part Number	Description	Qty
1	*102689 00A	Level	1
2	R03894 00A	1/2-20 UNC C.S. Nut	6
3	R03900 00A	.531 ID C. S. Flat Washer	6
4	R03904 00A	1/2-20 x 2-1/2 Hex Screw	6
5	*132540 00A	Platter Pad	4
6	*759070	Adhesive	
7	*133054 00A	Inside Set Screw	2
8	0091313 050	Nut	2
9	A132990 00A	Inside Overload Stop	2
10	*135865 00A	Screw Standoff	2
11	*130115 00A	Indicator Cable	1
12	*133429 00A	Snap in Wire Clip	2
13	*133336 00A	GP SS, 500 kg (2196-0001) Load Cell Assembly	1
	*130683 00A	GP SS, 1000 kg (2196-0002) Load Cell Assembly	
	A136339 00A	500 kg Load Cell Assembly (2196-0003)	1
	A136336 00A	1000 kg Load Cell Assembly (2196-0004)	1
14	D132562 00A	Bottom Panel Assembly	1
15	R03880 00A	Rivet	5
16	R03090 00A	6-32 x 3/8 Tap Screw	1
17	*135853 00A	Junction Box Cover	1
18	A133040 00A	Load Cell Harness	1
19	*125623 00A	Plug	1
20	*135854 00A	Junction Box	1
21	R04029 00A	6-32 x 3/8 Screw	4
22	R02542 00A	#4 Lockwasher	2



2196 Load Cell Assembly and Junction Box

2196 Weigh Platform Support and Spider Components

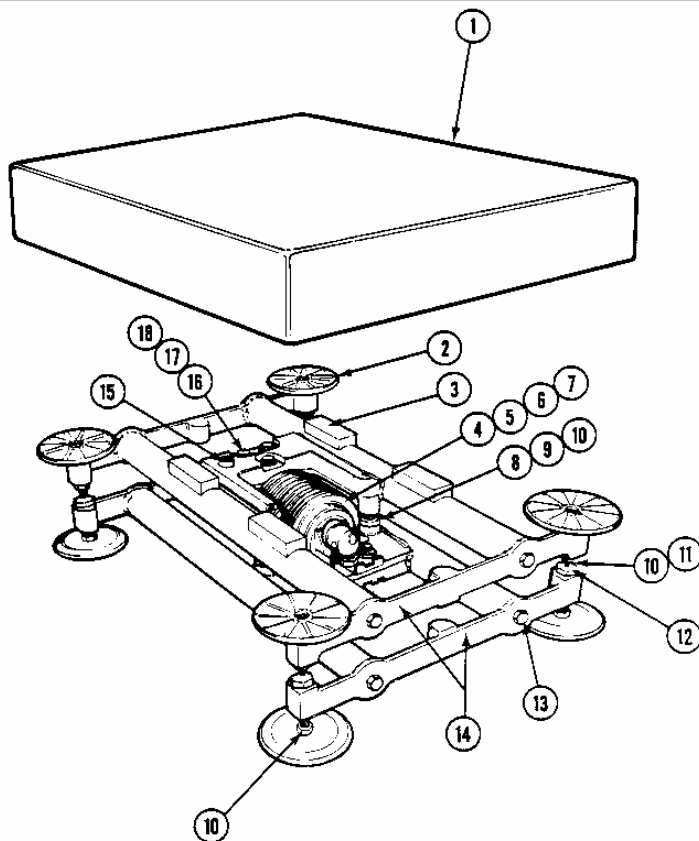
Ref.	Part Number	Description	Qty
1	*009131 050	3/8-24 C.S. Nut	12
2	*132580 00A	Set Screw	4
3	*132587 00A	Outside Overload Stop	4
4	R03927 00A	3/8-16 x 1/2 Cap Screw (2196-0001)	8
5	Not Available	Data Plate	1
6	R03954 00A	Rivet Blind 3.76-.500 Blind Rivet	2
7	A132541 00A	Foot/Platter Pad	8
8	*135518 00A	Frame Machined	2
Not Shown	*132552 00A	Platter (Removed)	1

* Part number may have alpha prefix

Model 2197

2197 Scale Base

Ref.	Part Number	Description	Qty
1	*132555 00A	Platter	1
2	A132541 00A	Foot/Platter Pad	8
3	*132540 00A	Platter Pad	4
6	A133335 00A	Load Cell, 2197-0001 Digital Herm/Stainless/500 kg	1
7	A130681 00A	Load Cell, 2197-0002 Digital Herm/Stainless/1000 kg	1
8	A132990 00A	Overload Stop, Inside	2
9	*133054 00A	Setscrew, Inside	2
10	R03915 00A	Nut, Hex, 3/8-1/16 x 1/2"	14
11	*132580 00A	Setscrew, Outside	4
12	*132578 00A	Overload Stop, Outside	4
13	R03928 00A	Screw, Cap, 3/-1/16 x 1/2"	8
14	*135520 00A	Frame, Machined	2
15	*102589 00A	Level Indicator	1
16	R03905 00A	Screw, Hex, 1/2-20 x 2 1/2"/SS	6
17	R03901 00A	Washer, Flat, .531" ID/SS	6



2197 Scale Base

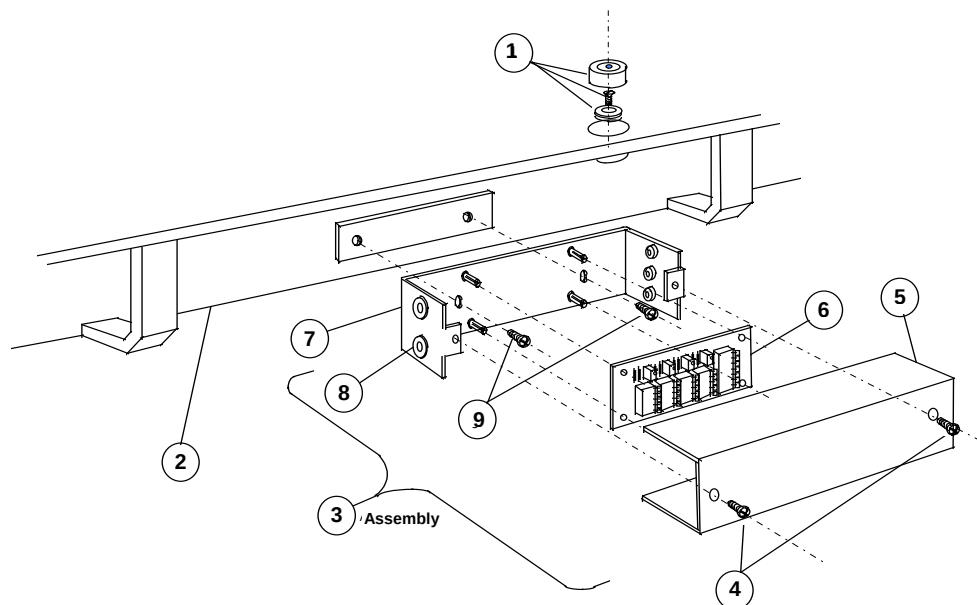
2197 Accessories

Part Number	Description	Sales Number
*133048 00A	19" Stand-mounted stainless column for mounting 8520, 8530, 8582 wall mount indicators	0924-0038
A134238 00A	Adjustable height stainless stand with casters	0924-0036
*135570 00A	Wheel kit for 2197 Stainless Steel Base	0924-0042
*135563 00A	Column Mount for mounting Stainless Steel Columns	0924-0046

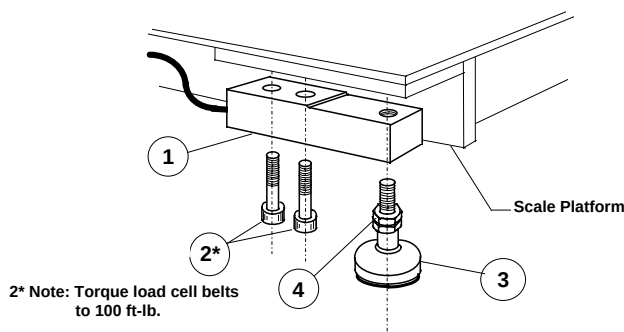
* Part number may have alpha prefix

2254 Junction Box and Bubble Level

Ref.	Part Number	Description	Qty.
1	TN201817	Circular Bubble Level	1
2	TB203048	2254 Platform, 4x4, 5K	1
3	TA100562	Analog Junction Box Assembly (Complete)	1
4	TN203092	10-32 Fillister Hd. Screw x 3/16 in. Lg.	1
5	TA100560	Cover, Junction Box	1
6	*143788 00A	Analog Junction Box PCB	1
7	TA100561	Junction Box Base	1
8	MZ1405000153	Cable Bushing	5
9	MZ0901010407	10-32 Ph. Hd. Screw x 3/16 in. Lg.	2



2254 Junction Box and Bubble Level



2254 Load Cell and Foot

2254 Load Cell and Foot

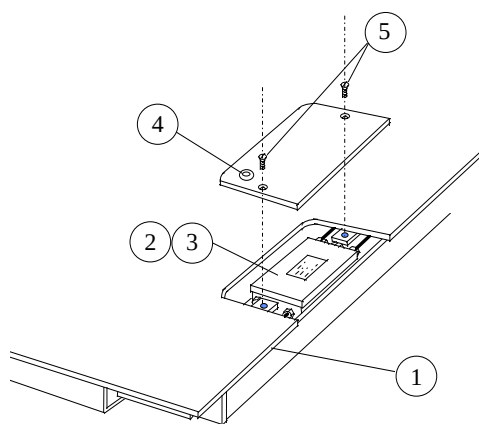
Ref.	Part Number	Description	Qty.
1	TB600531	2,500 lb Analog Load Cell	4
2	MZ0901010333	1/2-13 Soc. Hd. Screw x 1 3/4 in. Lg.	8
3	TA201509	Leveling Foot	4
4	MZ0901020092	Nut, 1/2 -20 Hex	4

* Part number may have alpha prefix

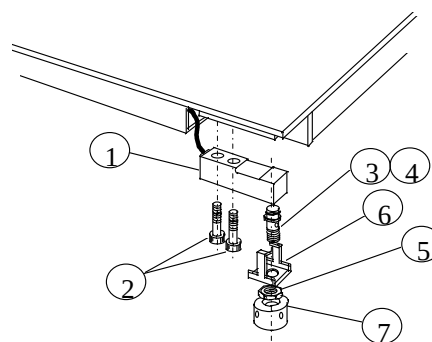
Model 2256

2256 VLC Floor Scale

Ref.	Part Number	Description	Qty
1	TB203359-1	36-inch x 36-inch Platform, Carbon Steel, 3K and 6K	1
	TB203095	48-inch x 48-inch Platform, Carbon Steel, 3K and 6K	
	TB203417-1	48-inch x 48-inch Platform, Carbon Steel, 10K	
	TB203096	48-inch x 60-inch Platform, Carbon Steel, 3K and 6K	
	TB203418-1	48-inch x 60-inch Platform, Carbon Steel, 10K	
	TB203097	60-inch x 60-inch Platform, Carbon Steel, 3K and 6K	
	TB203331-1	60-inch x 60-inch Platform, Carbon Steel, 10K	
	TB203419-1	36-inch x 36-inch Platform, Stainless Steel, 3K and 6K	
	TB203098	48-inch x 48-inch Platform, Stainless Steel, 3K and 6K	
	TB203420-1	48-inch x 48-inch Platform, Stainless Steel, 10K	
	TB203099	48-inch x 60-inch Platform, Stainless Steel, 3K and 6K	
	TB203421-1	48-inch x 60-inch Platform, Stainless Steel, 10K	
	TB203100	60-inch x 60-inch Platform, Stainless Steel, 3K and 6K	
	TB203422-1	60-inch x 60-inch Platform, Stainless Steel, 10K	
2	TB100395	Analog Junction Box Assembly (Model 2256) Consists of: *13640300A Analog PCB TA 800218 Desiccant Bag	1
3	MZ0901010379	1/4 - 20 Phillips Head Screw S.S. x 1/4 inch long	4
4	TN201817	Circular Bubble Level	1
5	MZ0901010035	3/8 - 16 Flat Head Screw S.S. x 3/4 inch long	2



2256 Junction Box and Bubble Level



2256 Load Cell and Foot

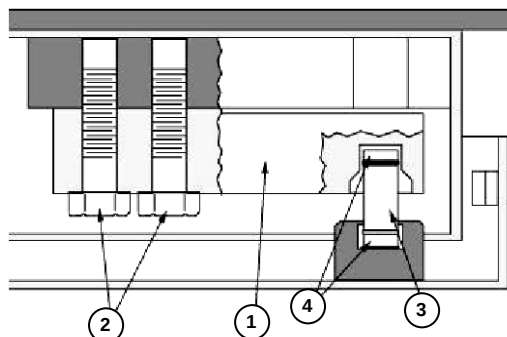
2256 Load Cell and Foot

Ref.	Part Number	Description	Qty
1	TB600363-1	1,250 lb Stainless Steel Hermetically Sealed Analog Load Cell	4
	TB600342-1	2,500 lb Stainless Steel Hermetically Sealed Analog Load Cell	
	TB600343-1	5,000 lb Stainless Steel Hermetically Sealed Analog Load Cell	
2	MZ0901010333	1/2-13 Socket Head Screw x 1 3/4 inches long	8
	MZ0901010409	1/2-13 Socket Head Screw x 2 inches long	
	MZ0901010384	1/2-13 Hex. Head Screw S.S. x 1 3/4 inches long	
3	MZ0901010441	1/2-13 Hex. Head Screw S.S. x 2 inches long	4
	TA203345	Mounting Foot Load Pin, 3K and 6K	
4	TA203346	Mounting Foot Load Pin, 10K	4
	MZ0909000005	O-Ring	
5	MZ0901020087	Hex. Jam Nut, 7/16 - 20, SS	4
6	TA203104	Mounting Foot Retainer Clip, 3K and 6K	4
7	TA203347	Mounting Foot Retainer Clip, 10K	4
	TN203103	Mounting Foot Base	

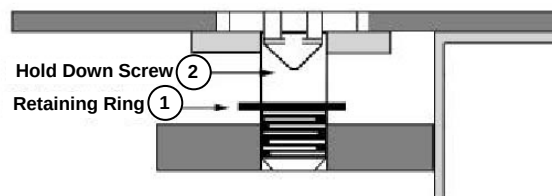
* Part number may have alpha prefix

2266 Load Cell and Rocker Pin Assembly

Ref.	Part Number	Description	Qty
1	TB600529-4	Load cell, 500 lb, (5,000d), 30-ft cable	4
	TB600529-3	Load cell, 500 lb, (5,000d), 15-ft cable	
	TB600363-2	Load cell, 1,250 lb, (5,000d), 30-ft cable	
	TB600363	Load cell, 1,250 lb, (5,000d), 15-ft cable	
	TB600342-2	Load cell, 2,500 lb, (5,000d), 30-ft cable	
	TB600342	Load cell, 2,500 lb, (5,000d), 15-ft cable	
2	TN800646	1/2-13 UNC bolt x 1 3/4-inch long 8	4
3	MN21018	Rocker pin (0.5 - 2.5k load cell)	4
4	MZ0909000005	O-ring (0.5 - 2.5k load cell)	8



2266 Load Cell and Rocker Pin Assembly



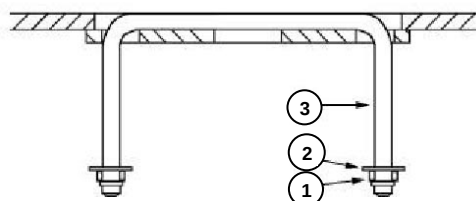
2266 Hold Down Bolt

2266 Hold Down Bolt

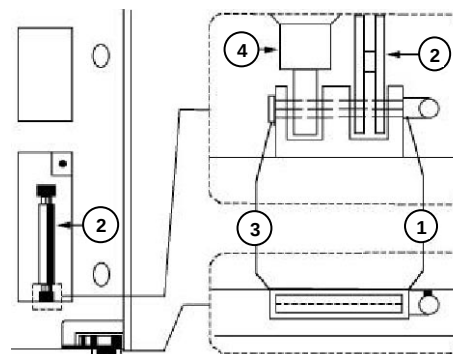
Ref.	Part Number	Description	Qty.
1	MZ0901020102	Nut, Hex, 1/4-20, SS, Nylon-Insert	2
2	MZ0901030044	Washer, Plain, 1/4, SS	2
3	TN203306 2266	Lift-Handle, SS, 1/4 inch	1

2266 Lift Handle

Ref.	Part Number	Description	Qty.
1	MZ0908000016	Retaining-Ring, EXT, E, 3/4, SS	2
2	TN203485	2266, DK-PL-Hold-Down-Screws, SS	2



2266 Lift Handle



2266 Lift Strut Assembly Detail

2266 Lift Strut Assembly Detail

Ref.	Part Number	Description	Qty.
1	MZ0908000014	Retaining-Ring, EXT, SH, 5/16, SS	7
2	TA203303	2266, Limiting-Bracket-Assembly	2
3	TN203291	Clevis-Pin, 5/16	7
4	TA203304-33	2266, Gas-Spring, SS, 3X3, 120LB	2
	TA203304-44	2266, Gas-Spring, SS, 4X4, 280LB	
	TA203304-46	2266, Gas-Spring, SS, 4X6, 530LB	
	TA203304-55	2266, Gas-Spring, SS, 5X5, 515LB	

* Part number may have alpha prefix

Model 2266

2266 Junction Box and Option Hardware

Ref.	Part Number	Description	Qty
—	TB100395	Analog junction box assembly *13640300A analog PCB TA800219 desiccant bag	1
—	TB100515-5	DigiTOL junction box assembly *13839900A DigiTOL PCB TA800219 desiccant bag	
—	TB100569-4	IDNet junction Box assembly ME504235 cable, IDNet x 5m long ME207751 IDNet PCB ME200308 Lock Nut ME209911 Washer TA800218 Desiccant Bag	
—	MZ0901010298	1/2-13 UNC x 1 1/2-inch long (for bolting frame to floor)	8

2266 Ramp Option Hardware

Ref.	Part Number	Description	Qty
—	TA201611	Lug, ramp (per ramp)	2
—	MZ0901030076	3/8-inch lock washer (per ramp)	2
—	MZ0901010124	3/8-16 UNC x 1-inch-long hex-head screw (per ramp)	2

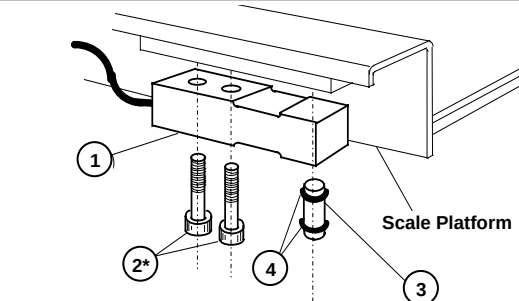
2266 Quick Pit Option Hardware

Ref.	Part Number	Description	Qty
—	TN202623	Shipping angle	4
—	MZ0901010033	3/8-16 UNC x 3/4-inch-long hex-head screw	8
—	MZ0901103001	3/8-inch zinc washer	8

* Part number may have alpha prefix

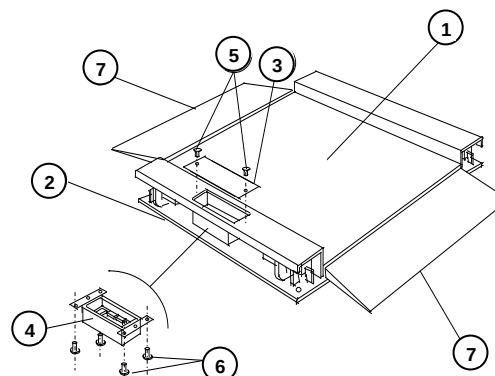
2888 Load Cell and Suspension Parts

Ref.	Part Number	Description	Qty
1	TB600529-1	500 lb load cell (5000d) with 4 ft. cable	4
2	MZ0901010333	1/2-13 Soc. Hd. Screw x 1 3/4" Lg. (Mild Steel Scale)	8
	MZ0901010384	1/2-13 Hex. Hd. Screw S.S. x 1 3/4" Lg. (Stainless Steel. Scale)	
3	TN200050	Rocker pin	4
4	MZ0909000005	O-ring, 70 Dura BUTA "N"	8



2* Note: Torque load cell bolts to:
100 ft-lb (mild steel scales)
75 ft-lb (stainless steel scales)

2888 Load Cell and Suspension Parts



2888 Static Platform Parts

2888 Static Platform Parts

Ref.	Part Number	Description	Qty
1	TC202770-1	Platform, Mild Steel Tread Plate	1
	TC202770-2	Platform, Mild Steel Smooth Plate	
	TC202780-1	Platform, Stainless Steel Tread Plate	
	TC202780-2	Platform, Stainless Steel Smooth Plate	
2	TB202771	Frame, Mild Steel	1
	TB202781	Frame, Stainless Steel	
3	TN203054	Junction Box Lid, Mild Steel Scale	1
	TN203055	Junction Box Lid, Stainless Steel Scale	
4	TB100520	Junction Box Assembly	1
		Consists of: *14378800A Analog PCB	
		TA800218 Desiccant Pack	
5	TN100524	10-32 Fl. Hd. Screw S.S. x 5/8" Lg.	2
6	MZ0901010407	10-32 Ph. Hd. Screw S.S. x 3/16" Lg.	4
7	TA202775-1	Ramp x 6" Lg. (Optional) Mild Steel Tread Plate	var.
	TA202775-2	Ramp x 6" Lg. (Optional) Mild Steel Smooth Plate	
	TA202785-1	Ramp x 6" Lg. (Optional) Stainless Steel Tread Plate	
	TA202785-2	Ramp x 6" Lg. (Optional) Stainless Steel Smooth Plate	
	TA202776-1	Ramp x 12" Lg. (Optional) Mild Steel Tread Plate	
	TA202776-2	Ramp x 12" Lg. (Optional) Mild Steel Smooth Plate	
	TA202786-1	Ramp x 12" Lg. (Optional) Stainless Steel Tread Plate	
	TA202786-2	Ramp x 12" Lg. (Optional) Stainless Steel Smooth Plate	

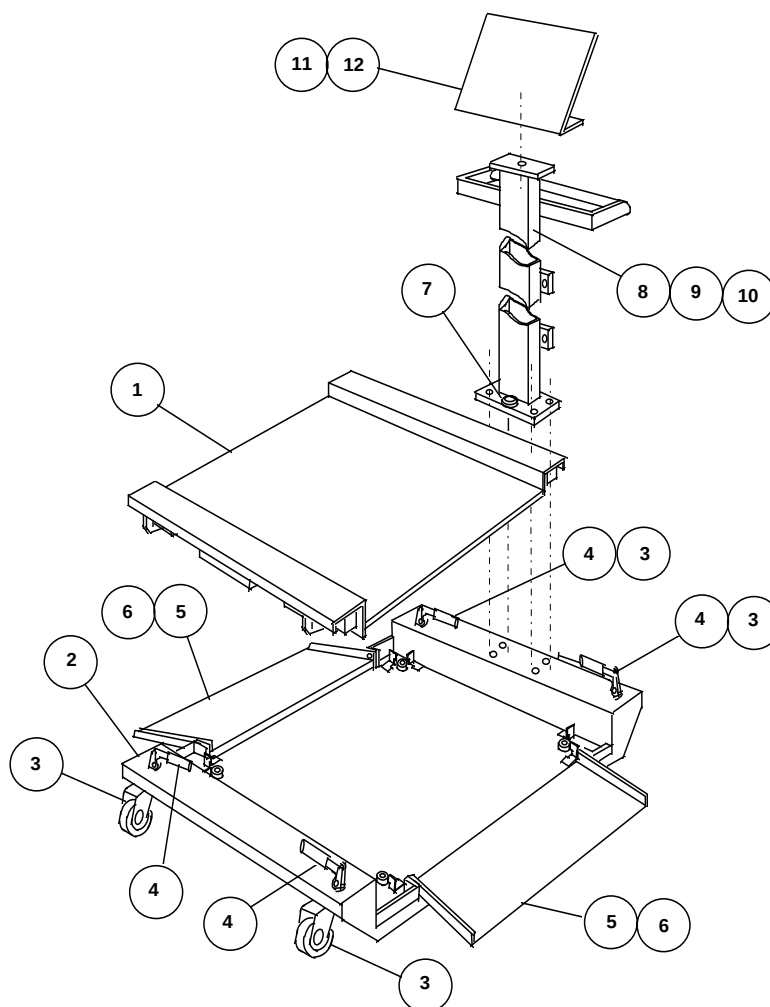
* Part number may have alpha prefix

Model 2888

2888 Portable Scale Parts

Ref.	Part Number	Description	Qty
1	-----	Same as Standard Platform	
2	*TC202772	Portable Frame, Mild Steel	1
	*TC202782	Portable Frame, Stainless Steel	
3	TN202939	Swivel Caster	4
4	TN202579	Straight - Line Action Clamp	4
5	TA202778-1	Ramp x 12" Lg. (Optional) Mild Steel Tread Plate	Var.
	TA202778-2	Ramp x 12" Lg. (Optional) Mild Steel Smooth Plate	
	TA202788-1	Ramp x 12" Lg. (Optional) Stainless Steel Tread Plate	
	TA202788-2	Ramp x 12" Lg. (Optional) Stainless Steel Smooth Plate	
	TA202779-1	Ramp x 18" Lg. (Optional) Mild Steel Tread Plate	
	TA202779-2	Ramp x 18" Lg. (Optional) Mild Steel Smooth Plate	
	TA202789-1	Ramp x 18" Lg. (Optional) Stainless Steel Tread Plate	
	TA202789-2	Ramp x 18" Lg. (Optional) Stainless Steel Smooth Plate	
6	TA202918-1	Ramp Mounting KIT (per Ramp)	1
7	TN201817	Bubble Level	1
8	TB202616	Instrument Column, Mild Steel	1
	TB202618	Instrument Column, Stainless Steel	
9	-----	Column Mounting Hardware:	
	MZ0901010076	3/8-16 Hex. Hd. Screw S. S. x 1.25" Lg.	4
	MZ0901030060	3/8 Flat Washer, S. S.	8
	MZ0901030076	3/8 Lock Washer, S. S.	4
	MZ0901020016	3/8 -16 Hex. Nut, S. S.	4
10	-----	Battery Pack Mounting Hardware	
	MZ0901010250	1/4 - 20 Hex. Hd. Screw S. S. x .38" Lg.	4
	MZ0901030069	1/4 Lock Washer, S. S.	4
11	-----	Instrument Bracket	
12	TN202610	Black Thermoplastic Knob	1

*TN800569 Safety label is required to be attached to Portable Frame



2888 Portable Scale Parts

* Part number may have alpha prefix

3015 Spare Parts

Part Number	Description	Model Number	Qty.
90139400A	Setpoint PC Board	—	—
90249900A	Power Supply	—	—
*12763100A	115 VAC Input Module	0962-0025	—
*12263300A	230 VAC Input Module	0962-0027	—
*13310400A	115/230 VAC Output Module	0962-0028	—
90073500A	Dry Contact Module	0962-0024	—
*12263500A	24 VDC Input Module	0962-0030	—
*12263400A	24 VDC Output Module	0962-0031	—
*14862100A	5 Amp Pico Fuse	—	—
*11887400A	Quench Arc	0962-0034	—
90232100A	Fiber Optics KOP	0961-0077	—
90097500A	Pushbutton, Red	—	—
90086400A	Pushbutton, Black	—	—

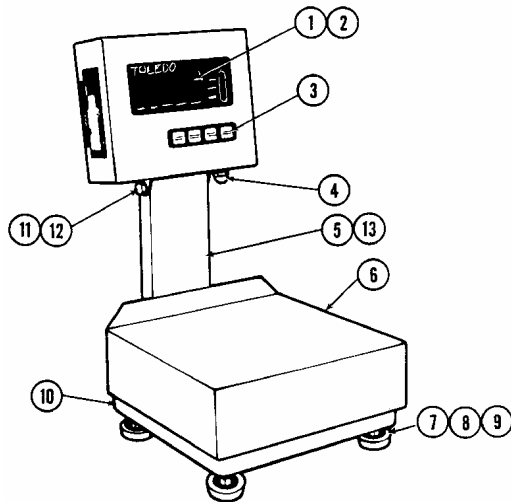
TTL Output Module MA01471 has been replaced by the Dry Contact Module Part # 90073500A.

Cables - Instrument to 3015, All Versions	Spare Part #	Cable Model #	Qty.
8582 Wall to 3015, 15 ft.	90062100A	0960 0020 000	—
8530 Desk/Rack to 3015, 6 ft (4 - 20mA)	90061800A	0960 0020 000	—

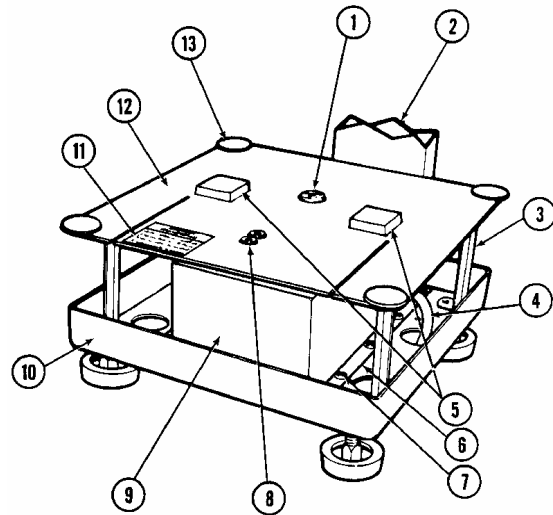
* Part number may have alpha prefix

3025 Assembly

Ref.	Part Number	Description	Qty
1	*12902500A	Lens, Display (All Models) (See Note 1)	1
2	*12902400A	Gasket, Lens/Keyboard (All Models) (See Note 1)	1
3	*12905400A	Keyboard Assembly (See Note 2)	1
4	*12901800A	Rip Bushing	3
5	*12901900A	Tower Weldment	1
6	*12901200A	Platter	1
7	*12013800A	Foot Pad	5
8	*12014200A	Foot	5
9	R0365600A	Nut, #5/16-18 Hex Jam	5
10	*12900500A	Base Weldment	1
11	R02072020	Screw, #1/4-20 x .375"	2
12	R0372700A	Lockwasher, #1/4 IT SS	2
13	R0377900A	Screw, #8-32 x 1/4" PHD SS – Not Shown	1



3025 Assembly



3025 Assembly Base

3025 Assembly Base

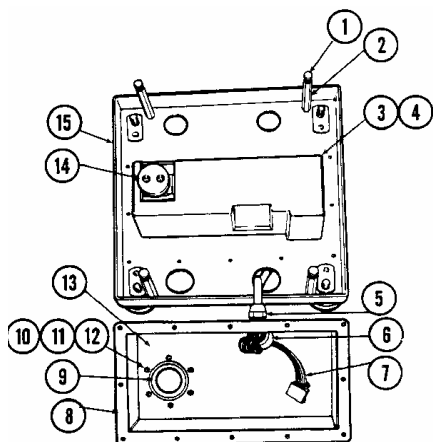
Ref.	Part Number	Description	Qty
1	*10268900A	Level	1
2	*12901900A	Tower Weldment	1
3	*12901400A	Standoff, #10-32	4
4	*12906000A	Load Cell Cable Assembly (See Note 1)	1
5	*12900300A	Pad, Damper	2
6	*12901700A	Gasket, Load Cell Enclosure (See Note 2)	1
7	R0372400A	Screw, #6-32 X .25" PHD SS	12
8	R0372900A	Screw, #1/4-28 x 1.25" HSH	2
9	*12901600A	Load Cell Enclosure	1
10	*12900500A	Base Weldment	1
11	*11985900A	Label, L.C Ass'y. Spec.	1
12	*12900700A	Subplatter Ass'y.	1
13	*12901500A	Platter Bumper	4

* Part number may have alpha prefix

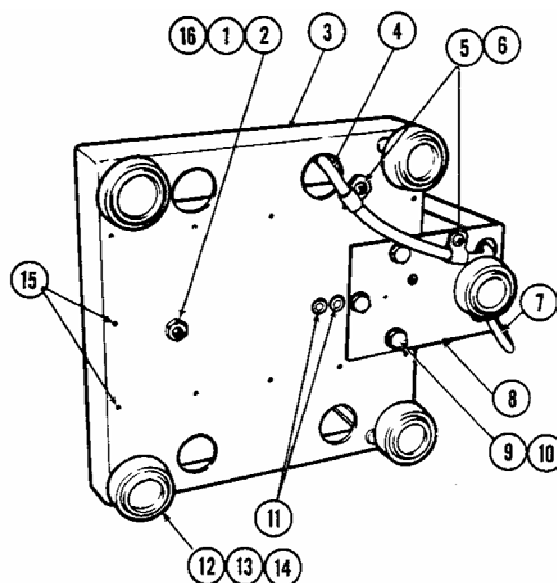
Model 3025

3025 Base Assembly

Ref.	Part Number	Description	Qty
1	R0377800A	Screw, #10-32 x 5/8" HS SS	4
2	*12901400A	Standoff, #10-32	4
3	*12905500A	L/C Ass'y., 15 kg (See Note 1)	1
4	R0372800A	Screw, #1/4-28 x .75" HSH	2
5	*12901800A	Grip Bushing .385 I.D.	1
6	*12635700A	Core, Ferrite	1
7	*12906000A	Load Cell Cable Assembly (See Note 2)	1
8	*12901700A	Gasket, L/C Enclosure (See Note 1)	1
9	*12901000A	Boot, Load Cell	1
10	R01678050	Nut, #4-40 Hex	6
11	R0377600A	Screw, #4-40 x 1/4" Seal HD. – Not Shown	6
12	*129001100A	Clamp Ring, Boot - N.S.	1
13	*12901600A	Load Cell Enclosure	1
14	*12900900A	Boot Adaptor Block	1
15	*12900500A	Base Weldment	1



3025 Base Assembly



3025 Assembly Base

3025 Assembly Base

Ref.	Part Number	Description	Qty
1	R0234000A	Nut, #1/4-28 Hex Jam	1
2	R0373600A	Set Screw, #1/4-28 x .75"	1
3	*12900500A	Base Weldment	1
4	*12906000A	Load Cell Cable Ass'y (See Note 1)	1
5	*12476400A	Cable Clamp, 1/4"	2
6	R0377900A	Screw, #8-32 x 1/4" PHAD SS	2
7	*12898900A	Line Cord Ass'y. (110 VAC only) (See Note 2)	1
8	*12901900A	Tower weldment	1
9	R02072020	Screw, 1/4-20 x .375"	3
10	R0372700A	Lockwasher, #1/4 IT SS	3
11	R0393800A	Screw, #1/4 - 28 x .75"	2
12	*12013800A	Goot Pad	5
13	*12900400A	Foot	5
14	R0365600A	Nut, #5/16-18 Hex Jam	5
15	R0372400A	Screw, #6 -32 x .25" PHD SS	12
16	R0304500A	Set Screw, #1/4-28 x .75" self-locking.	1

* Part number may have alpha prefix

3115 Platter and Keyboard

Ref.	Part Number	Description	Qty.
1	*11352900A	Platter and Level Assembly	1
2	*10941900A	Barrel Nut	2
3	R0256000A	Screw 8-32 x 1 Fl. Ph. Tap	2
4	*11348300A	Keyboard Assembly	1
	Y090133243AC	Basis Weigh	
N.S.*	A11348400A	Decal Program Switch	1
N.S.*	*11346500A	LB/KG. Keytop Overlay	1
N.S.*	*11235200A	Tag ON/OFF	1

3115 Main PCB and RPOM PCB

Ref.	Part Number	Description	Qty.
1	F10941200A	Cover	1
2	R0307700A	Screw, 8-32 x 3/8	4
3	*11346800A	PROM, PCB x 3.8	1
4	*11177000A	Label Static	1
5	R0259600A	Screw, 8-32 x 3/8 Fl. Drill Hd.	1
6	*10945300A	Scale Seal Clip*	1
7	*09930900A	Label, Warning	1
8	R0255900A	Screw, 8-32 x 5/16 Tap	2
9	*11347200A	Main Board Assembly	1
10	A11235300A	Clip Retaining Spring	2
11	R0309000A	Screw 6 -32 x 3/8	2
12	*11515500A	Tension Clip	2

Note: 10284300A Seal, wire and Lead may be used with this clip to seal scale after calibration.

3115 Power Supply

Ref.	Part Number	Description	Qty.
1	A10940800A	Power Supply Assembly (120)	1
2	*11296500A	Power Supply Assembly (220)	1
3	*09435400A	Capacitor	1
4	*10944500A	Line Cord	1
5	*11273100A	Button Plug	1
6	R01677050	Screw, 4/40 x 7/8 Ph. Rd. Hd.	2
7	R01678050	Nut, 4/40	2
8	R01679050	Lockwasher, 4/40	2
9	R02180050	Screw, 8-32 x 3/8 Ph. Tap	1
10	R0255900A	Screw, 8-32 x 5/16	4
11	B10944600A	Power Supply Harness with Transformer and Filter (120)	1
12	*11296600A	Power Supply Harness with Transformer and Filter (220)	1

3115 Load Cell and Understructure

Ref.	Part Number	Description	Qty.
1	*11455100A	Load Cell Assembly 15 LB	1
2	A09947700A	Strut Assembly	1
3	*11235600A	Flexure	5
4	10375500A	Adjuster	2
5	R01482050	Screw, 1/4-28 x 1/2 Cap	2
6	*11235400A	Clamp, Flexure	10
7	*10958900A	Screw, 8-32 x 1/2 Hex Hd.	10
8	A10547000A	Harness, Load Cell	1
9	*07394200A	Screw, Hex Tubular	2
10	R005693050	Screw, 8-32 x 2 Sl. Rd. Hd.	2
11	R01611050	Screw, 8-32 Hex	2
12	R00589210	Washer, No 8 Lock	2
13	B10942900A	Spider Assembly	1

3115 Base

Ref.	Part Number	Description	Qty.
1	*00074100A	Nut, 7/16-24 Hex Jam	4
2	*10945400A	Cap, Snap on (Black)	4
3	*03930500A	Leveling Foot Slot	4
4	*10520800A	Overload Screw Long	1
5	R00591050	Nut, 1/4-28 Hex. Jam	1
6	R0297800A	Screw, 10-32 x 3/4 Ph. Hd.	1
7	*000956130	Nut, 10-32 Hex	2
8	R01388210	Screw, 10-32 x 3/8 Soc. Cap.	2
9	R00604020	Fuse Holder	1
10	*09592000A	Fuse 1/4A SB	1
11	*09959500A	Switch	1
12	R0288300A	Screw 10-32 x 3/4	1

* Part number may have an alpha prefix

Model 3200

3200 Platter - Small

Ref.	Part Number	Description	Qty.
1	*11519300A	Platter, Plastic 8-1/2 x 8-1/2	1

3200 Sub-Platter

1	R0331300A	Screw #8 Truss Hd.	4
2	*11519200A	Sub Platter	1
3	R0302900A	Screw 10-32 x 1-1/2 Hex Soc.	2
4	C11179100A	Dust Cover	1

3200 Platter

1	A11178100A	Platter, Stainless Steel	1
2	10823800A	Decal ON/OFF	1
3	11395900A	5 lb. Test Weight (Optional)	1

3200 Sub-Platter

1	*11393800A	Sub Platter	1
2	R0302900A	Screw 10-32 x 1-1/2 Hex Soc.	2

3200 Bezel & Keyboard Assembly

1	A11369000A	Bezel & Keyboard Assembly (Parts Counter)	1
2	A11366500A	Bezel & Keyboard Assembly (Straight Weigh)	1
3	*11372600A	Keyboard Assembly (Parts Counter)	1
4	*11372400A	Keyboard Assembly (Straight Weigh)	1
5	*11434100A	Spacer	4
6	*11459000A	Cable Clamp	1
7	*11880100A	Ground Lug	1
8	R00813050	Nut (6-32)	1
9	R01771050	Lockwasher	4
10	R0245800A	Acorn Nut (6-32)	3

3200 Keyboard Assembly

1	R0259600A	Screw 8-32 x 3/8 Drilled	1
2	*10945300A	Clip, Scale Seal	1
3	*11177000A	Decal, Static Warning	1
4	R0256000A	Screw 8-32 x 1 Self - Tap	2
5	A11366500A	Keyboard & Bezel Assembly Straight Weigh	1
6	A11369000A	Keyboard & Bezel Assembly Parts Counting	1
7	D11367900A	Prom PCB -- Straight Weigh	1
8	B11700200A	Prom PCB -- Parts Counting	1
Not Shown	*11176400A	Decal, Capacity 5 lb.	As Required
Not Shown	*11176500A	Decal, Capacity 10 lb.	As Required
Not Shown	*11176600A	Decal, Capacity 30 lb.	As Required
Not Shown	*11176700A	Wire Seal and Lead	As Required
Not Shown	*10284300A		

PCB and Covers

1	R0307700A	Screw 8-32 x 3/8	4
2	*11904700A	Plug, Hole RAM 4,7	2
3	*11904600A	Standoff Ram 2.3.5.6	5
4	R0255900A	Screw, 8-32 x 5/16	2
5	A11235300A	Clip, Retainer	2
6	G11177800A	PCB Assembly, Main Board	1
7	G10941200A	Cover, Scale	1
8	A11514300A	Cover, Scale, RFI	1
Not Shown	R00589130	Lockwasher #8	5
Not Shown	R01611050	Nut 8-32	5

Power Supply

1	D11395400A	Power Supply Assembly	1
2	R0255900A	Screw 8-32 x 5/16	7
3	*09435400A	Capacitor 9200 uF	1
4	*11515400A	Battery Connector Plate	1
5	*11515000A	Battery Harness	1
6	R0309000A	Screw 6-32 x 3/8"	4
7	A11513800A	Line Filter Assembly	1
8	*11144300A	Switch	1
9	*12634600A	Fuse Holder	1
10	*09592000A	Fuse, .25 Amp, Slo -Blo	1
11	*11513700A	Printer Harness	1
12	A10547000A	Harness, Load Cell	1
13	*11515500A	Clip, Tension	2
14	A11513600A	Power Supply Harness (New Style)	1
15	*11395300A	Power Supply Harness (Old Style)	1

NOTE: 11395200A became three parts A11513600A, 11513700A, and A11513800A.

* Part number may have an alpha prefix

3200 Load Cell

Ref.	Part Number	Description	Qty
1	*10958900A	Screw 8-32 x 1/2	10
2	*11235400A	Clamp	10
3	A07931400A	Flexure (.016) 15# & 25# L.C.	5
4	A07947300A	Flexure (.031) 50# L.C.	5
5	A09947700A	Strut Assembly	1
6	*11220500A	Washer, Seal, Load Cell	1
7	R00569050	Screw 8-32 x 1-1/2	2
8	R00589210	Lockwasher #8	2
9	R01611050	Hex Nut, 8-32	2
10	*07394200A	Hex Head, Adjuster Nut	2
11	*11222900A	Load Cell 50# GP-1	1
12	*11451800A	Load Cell 50# GP-1 Alum	1
13	*11228100A	Load Cell 25# GP-1	1
14	*11451700A	Load Cell 25# GP-1 Alum	1
15	*11366700A	Load Cell 15# GP-1	1
16	*11451600A	Load Cell 15# GP-1 Alum	1
17	A09955200A	Support Assembly	1
18	*10377500A	Adjuster Assembly	2
19	R01428050	Screw 1/4-28 x 1/2	2

3200 Base RAM 2, 3, 5, 6

1	R00591050	Nut 1/4 -28	1
2	*10520800A	Screw Overload	1
3	R01388210	Screw 10-32 x 3/8	2
4	R0303000A	Screw 8-32 x 1/2	5
5	R0283600A	Lockwasher #10	2
6	*000956130	Nut 10-32	4
7	*11518200A	Standoff	2
8	*11396300A	Level Assembly	1
9	R0240200A	Screw 8-32 x 3/8	1
10	R0297800A	Screw 10-32 x 3/4	1
11	R0311900A	Screw 10-32 x 3/4	1
12	R02180050	Screw 8-32 x 3/8	8
13	*11518900A	Plate	1
14	*03323900A	Washer, Spacer	3
15	*00074100A	Nut	3
16	*03930500A	Screw, Foot	3
17	*10945400A	Cap, Black	3

3200 Base RAM 4, 7

1	*10945800A	Decal, Fuse .25 Amp	1
2	*10386700A	Line Cord	1
3	*10825000A	Plate	1
4	R02180 050	Screw. 8-32 x 38	2
5	*11110500A	Decal, Warning	1
6	*11229900B	Clip	1
7	*11520100A	Wrench. Allen 1/8	1
8	09716000A	Label, UL	1
9	A11397100A	Label, FCC TESTED	1

3200 Base RAM 4, 7

1	R00591050	Nut 1/4-28	1
2	*10520800A	Screw, Overload	1
3	R01388210	Screw 10-32 x 3/8	2
4	R02180050	Screw 8-32 x 3/8	5
5	*03930500A	Screw Foot	4
6	*00074100A	Nut	4
7	*10945400A	Cap, Black	4
8	R0283600A	Lockwasher #10	2
9	*000956130	Nut 10-32	4
10	*11518200A	Standoff	2
11	*11396300A	Level assembly	1
12	R0240200A	Screw 8-32 x 3/8	1
13	R0297800A	Screw 10-32 x 3/4	1
14	*11273100A	Plug 1-1/8	1
15	R0311900A	Screw 10-32 x 3/4	1

* Part number may have an alpha prefix

Model 3205

3205 Mounting Hardware Desk Mount

Ref.	Part Number	Description	Qty
1	A11397300A	Label, FCC	1
2	*10839700A	Rubber Feet	4
3	*11110500A	Warning Tag	1
4	*11615400A	Decal, ON/OFF	1
5	*11614500A	Bar - Long	1
6	R0247300A	Screw	2
7	A11470000A	Mounting Angle	2
8	R01281210	Screw	4
9	*11614600A	Bar - Short	1
10	*033204050	Spacer	2
11	R0303000A	Screw	2

3205 Rear Panel Desk Mount

1	*11472200A	Plate, Cover	1
2	R0250200A	Screw	2
3	A11615600A	Harness, AC to Indicator	1
4	R0247300A	Screw	1
5	R01611050	Nut	1
6	R00589130	Lockwasher	1
7	*09827100A	Tie Wrap	1
8	*11615200A	Harness, Load Cell	1
9	*11469000A	Cover	1
10	*11711300A	Decal, Chassis Ground	1

3205 Printed Circuit Boards Desk Mount

1	G11177800A	PCB, Main	1
2	R0255900A	Screw	4
3	*11469000A	Cover	1
4	*11471400A	Bezel and Keyboard Assy. - Straight Weigh	1
5	*114715050	Bezel and Keyboard Assy. - Parts Counter	1
6	*11323200A	Washer	2
7	R01817050	Screw	8
8	*000786050	Washer	6
9	A11733800A	Prom PCB - Parts Counter	1
10	*11710800A	Prom PCB - Straight Weigh	1

3205 Power Supply Assembly Desk Mount

1	*11613800A	Bracket	2
2	*11615300A	Ground Wire (N.S.)	1
3	R0255900A	Screw	4
4	*11144300A	Switch	1
5	R0224400A	Screw	4
6	*11515700A	PCB Standoff	4
7	R01611050	Nut	2
8	R00589130	Lockwasher	2
9	P00465020	Clamp, Cable	1
10	*09435400A	Capacitor 9200 uF	1
11	A11513600A	Transformer and Harness	1
12	*11697300A	Chassis and Power Supply	1
13	A11615600A	Cable Assembly - Indicator, AC	1
14	R02502 0A	Screw	4
15	*11614900A	Harness, Printer	1
16	*11615000A	Harness, AC	1
17	*11615100A	Harness, Battery	1
18	*11615200A	Harness, Load Cell	1
N.S.	*11514600A	Plate, Locking	1
N.S.	R02065210	Screw	2
N.S.	*09592000A	.25 Slo Blo Fuse	1
N.S.	*09592000A	Fuseholder	1

3205 Wall Mount Enclosure

1	*11732200A	Bezel and Keyboard Assy. - Straight Weigh	1
2	*11732300A	Bezel and keyboard Assy. - Parts Counter	1
3	R01817050	Screw	8
4	*000786050	Washer	4
5	*11323200A	Retainer Washer	2
6	*11615400A	Decal, ON/OFF	1
7	*10558100A	Boot, Switch	1
8	*10090900A	Toggle Switch	1
9	*11731800A	Lens Cap (N.S.)	2
10	*11731700A	Power Cord Assembly (N.S.)	1
11	*11711300A	Decal, Ground (N.S.)	1
12	A11397300A	Label, FCC "Not Tested" (N.S.)	1
13	*11732100A	Decorative Bezel	1
14	*11730500A	NEMA 4 Wall Mount Enclosure	1

* Part number may have alpha prefix

3205 Bottom Plate Assembly Wall

Ref.	Part Number	Description	Qty.
1	*11730900A	PCB Shield	1
2	*001265050	Screw, Danish Sealing	4
3	*11177000A	Decal, Caution Static	1
4	*10469900A	Gasket	1
5	*11732700A	Cap	1
6	A10861600A	Gasket	1
7	*11214300A	Cap	1
8	*11879200A	hazard Decal (N.S.)	1
9	*10958300A	Gasket	1
10	*11732800A	Cap	1
11	*10455400A	Gasket, Bottom Plt.	1
12	R0236400A	Screw	6
13	R0308900A	Nyl. Roll Collar	8
14	R00434050	Nut	2
15	R0235700A	Screw	2
16	R0233300A	Lock Washer	1
17	R0295600A	Acorn Nut	1

3205 Printed Circuit Boards Wall Mount

1	*079231050	Standoff	4
2	*11285500A	Wire Clamp (N.S.)	4
3	*11733000A	Keyboard Harness	1
4	G11177800A	Main PCB	1
5	A11733800A	Paddle PCB - Parts Counter	1
6	*11710800A	Paddle PCB- Straight Weight	1

3205 Power Supply Assembly Wall Mount

1	*11731300A	Line Filter	1
2	*11730100A	Transformer and Harness	1
3	*10090900A	Toggle Switch	1
4	*10558100A	Boot	1
5	*11731200A	AC Power harness	1
6	*11731100A	Printer harness	1
7	*11731000A	Load Cell Harness	1
8	*11731600A	Internal Battery Harness	1
9	*11653300A	Circuit Breaker	1
10	*09435400A	Capacitor, 9200 uF @ 15V	1
Not Shown	*09592000A	.25A Slo Blo Fuse	1

* Part number may have alpha prefix

Model 3210

3210 Bezel and Keyboard Assembly

Ref.	Part Number	Description	Qty
1	A120985 00A	Bezel and Keyboard Assy. (Rams 1 & 2)	1
2	120986 00A	Bezel and Keyboard Assy. (Rams 3,4,5)	1
3	A124949 00A	Bezel and Keyboard Assy. (Rams 6,7)	1
4	124950 00A	Bezel and Keyboard Assy. (Rams 8,9, 10)	1
5	114688 00A	Keypad Assy. Straight Weigh (without Bezel)	1
6	114689 00A	Keypad Assy. Parts Counter (without Bezel)	1
7	A113226 00E	Upper Cover (Rams 1,2,6,& 7)	1
8	A113226 00D	Upper Cover (Rams 3,4,5,8,9, 10)	1
9	119477 00A	Platter and Stud Assy. (Rams 3,4,5,8,9,10)	1

3210 Platter Assembly (Rams 1, 2, 6, And 7)

1	121007 00A	Shipping Strap	1
2	R02986 00A	10-32 Screw	2
3	114625 00A	Sub-Platter Assy.	1
4	115193 00A	Platter Assy.	1
5	R03398 00A	Washer	4
6	R03399 00A	#8 Screw	4
7	046713 00A	Collar	1
8	R01787 050	6-32 Screw	3

3210 Misc. Hardware (Rams 3, 4, 5, 8, 9, And 10)

1	A108093 00A	Shipping Strap	2
2	R02883 00A	Machine Screw # 10 -32	2
3	R02988 00A	#8 Screw	4
4	047163 020	#8 Nylon Washer	4
5	R02407 00A	Set Screw, Oval Pt.	2
6	R02813 00A	1/4 - 20 Nut	2

3210 Printed Circuit Boards

1	C120988 00A	Paddle PCB Assy. (Rams 1 & 2) (Not Shown)	1
2	120990 00A	Paddle PCB Assy. (Rams 3-5) (Not Shown)	1
3	A124953 00A	Paddle PCB Assy. (Rams 6,7) (Not Shown)	1
4	124954 00A	Paddle PCB Assy. (Rams 8-10) (Not Shown)	1
5	119867 00A	PCB Insulator	1
6	G111778 00A	Main PCB Assy.	1
7	R01329 050	Self Tapping Screw	2
8	000623 020	Washer	2
9	R00589 210	Lockwasher	4
10	R00848 050	#8-32 Screw	4
11	119857 00A	Cable Tie (Reusable)	1
12	119869 00A	Cap Plug	1

3210 Cover Hardware

1	119846 00A	Ground Wore Assy.	1
2	118801 00A	Spade Terminal;	1
3	R00589 210	:Lockwasher	2
4	R01611 050	Hex 8-32 Nut	2
5	A120983 00A	Switch <a[Decal; (Rams 1,2)	1
6	120984 00A	Switch Map Decal (Rams 3-5)	1
7	A124951 00A	Switch Map Decal (Rams 6,7)	1
8	124952 00A	Switch Map Decal (Rams 8-10)	1
9	1165496 00A	PCB Mtg. Strip Assy.	1
10	116552 00A	8-32 x .81 Spacer	4
11	111770 00A	Static Caution Label	1
12	113232 00A	Keyboard Retainer	2
13	R01817 050	6-32 x 1/2" Screw	8
14	000786 050	Washer	2
15	116547 00A	PCB Mtg. Strip Assy.	1
16	116537 00A	Bezel Trim Plate	1

3210 Rear Panel

1	116186 00A	LED Holder	2
2	117643 00A	Green LED	1
3	111942 00A	Red LED	1
4	117128 00A	Sealing Cap	1
5	R01978 210	Screw	1
6	115146 00A	Lockout Plate	1
7	R02065 210	Screw	2
8	116533 00A	Circuit Breaker	1
9	A118540 00A	Label, FCC Class A	1
10	R01978 210	Screw, #6-32 x 1/2" Hex. Soc. Cap	2
11	11983600A	Label, Caution Shock	1
12	R02302 00A	Screw, #8-32 x 1/2" Hex. Self Tap	2
13	115928 00A	Dust Cover (Not Shown)	1
14	116149 00A	Printer Harness	1
15	119208 00A	Standoff Screw	2
16	R0245700A	Lock Washer	2
17	R03305 00A	Nut	2

3210 Misc. Hardware

Ref.	Part Number	Description	Qty
1	R01532 210	Speed Nut	4
2	116763 00A	Foot Assy.	4
3	000741 00A	Nut, Jam Hex #7/16 -24	4
4	108339 00A	Clamp, Adjustable Wire	1
5	035797 020	Level	1
6	R02509 00A	Drive Screw	3
7	119843 00A	ON/OFF Switch	1
8	116993 00A	Label, Batt. & LED	1

3210 Load Cell Assemblies

1	120991 00A	L/C & Platter Support Assy., 10 lb (Rams 1,6)	1
2	120992 00A	L/C & Platter Support Assy., 20 lb (Rams 2,7)	1
3	R01428 05C	Screw, # 1/4 -28 x 1/2" Cap (Rams 1,2,6, and 7)	4
4	120981 00A	Load Cell 10 lb Rams 1, 6	1
5	120982 00A	Load Cell 20 lb Rams 2, 7	1
6	119724 00A	Load Cell Mounting Plate	1
7	R02917 00A	Scow (Not Shown)	2
8	119727 00A	Screw	4
9	118566 00A	Platter Support Casting	1

3210 Load Cell Assemblies (Rams 3, 4, 5, 8, 9, And 10)

1	118573 00A	L/C & Platter Support Assy. 15 kg (Rams 3,8)	1
2	118574 00A	L/C & Platter Support Assy. 30 kg (Rams 4,9)	1
3	118575 00A	L/C & Platter Support Assy. 60 kg (Rams 5,10)	1
4	R01428 050	Screw	6
5	041319 020	Foot	2
6	029919 050	Washer	2
7	A115413 00A	Grommet	4
8	R02937 00A	Set Screw	4
9	108339 00A	Adjustable Wire Clamp	2
10	119832 00A	Load Cell harness (Rams 3,4,5,8,9, and 10)	1
11	119857 00A	Cable Tie (Reusable)	1
12	119484 00A	Bottom Vent Cover	1
13	R01847 020	Lock Washer	1
14	R02302 00A	Hex. Self Tap Screw	5
15	119487 00A	Screw	4
16	118551 00A	Load Cell Mounting Plate	1
17	115297 00A	Load Cell 15 kg (Rams 3,8)	1
18	115293 00A	Load Cell 30 kg (Rams 4,9)	1
19	A115289 00A	Load Cell 60 kg (Rams 5,10)	1
20	118567 00A	Platter Support (Rams 5,10)	1
21	118567 00B	Platter Support (Rams 3,4,8, and 9)	1
	A115413 00A	Grommet	4

3210 Power Supply

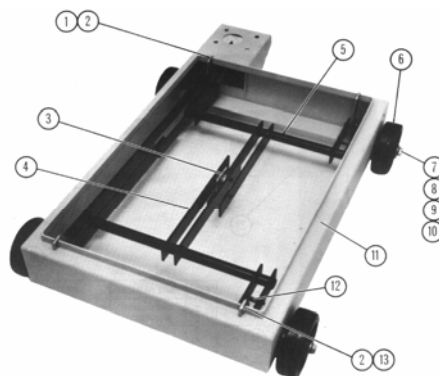
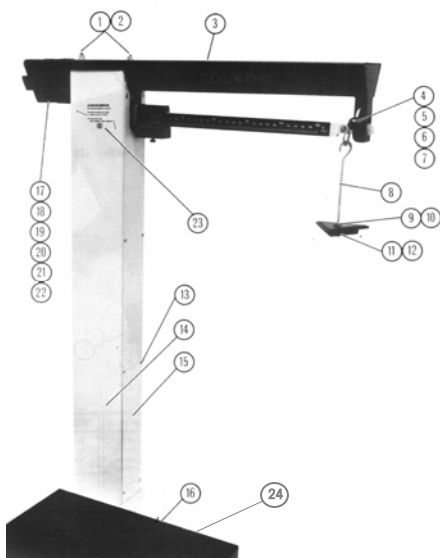
1	118792 00A	Warning Decal	1
2	116543 00A	Battery Cavity Cover	1
3	R02302 00A	Screw, #8-32 x 1/2" Self Tap	5
4	103867 00A	Line Cord (Not Shown)	1
5	116539 00A	Transformer and Power Supply Harness Assembly	1
6	R02502 00A	Screw, #8-32 x 1/4"	9
7	094354 00A	Capacitor	1
8	R01847 020	Lock Washer, #8 E.T.	1
9	116556 00A	Battery and LED Harness	1
10	R02244 00A	Screw, #6-32 x 1/4" Self Tap	1
11	115157 00A	PCB Standoff	4
12	R01611 050	Hex Nut #8-32	4
13	R00589 210	Lock Washer, #8 I.T.	1
14	R01912 130	Screw, #8-32 x 1.00 Self Tap	1
15	A118517 00A	O.L. & Cover Support Post	1
16	R01258 050	Screw, #10-32 x 3/8"	4
17	R01532 210	Speed Nut, #8	4
18	A118516 00A	Cover Support Bracket	4
19	119855 00A	Battery Enclosure Assembly	2

Model 4182

4182 Mechanical Scale

Ref.	Part Number	Description	Qty
1	*04980300A	Nut, Cap 3/8-16	2
2	*04012100A	Washer	2
3	*12766300A	Beam shelf	1
4	*12765200A	Knob	1
5	*12765500A	Lever Trig Lock	1
6	*12767200A	Trig Lock	1
7	R01154210	Screw, #10 Set	1
8	*04985900A	Hook	1
9	*12770300A	Cover, Load Box	1
10	*12772200A	Plug Button	1
11	*12765000A	Load Box	1
12	R0097507A	Nut, 1/4 - 28	1
13	*12831100A	Screw #10-32 x 3/8	8
14	*12770900A	Column	1
15	*12771000A	Cover	1
16	*08028700A	Platform	1
17	*12766600A	2	1
18	*12766700A	Counterpoise Wt., 200 lb	1
19	*12766800A	Counterpoise Wt., 500 lb	1
20	*12767500A	Counterpoise Wt., 50 kg	1
21	*12767500A	Counterpoise Wt., 100 kg	2
22	*12768800A	Counterpoise Wt., 200 kg	1
23	*12772500A	Label	1
24	0906-0138	Stainless Steel Platform	1

4182 Load Box Counterpoise



4182 Main Levers and Wheels

4182 Main Levers and Wheels

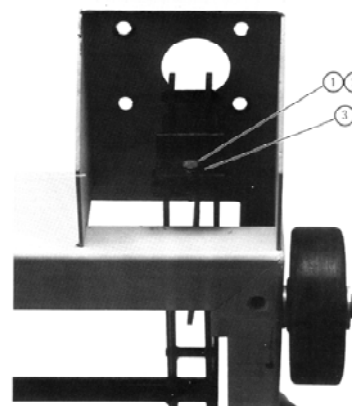
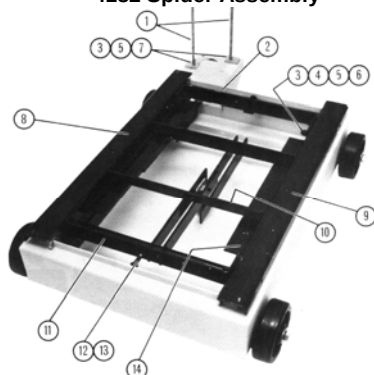
Ref.	Part Number	Description	Qty
1	*12769800A	Hook Assy. - Long	2
2	*12824100A	Support, Fulcrum Hook	4
3	*12770000A	Loop Assy. - Center	1
4	*12769100A	Lever Assy. - Long	1
5	*12830300A	Lever Assy. - Short	1
6	*12770400A	Wheel	1
7	R00989050	Screw, 1/2-13 x 3 1/4	4
8	R00454050	Nut 1/2 - 13	4
9	R00431050	Washer - 1/2	8
10	*000588210	Lock washer 1/2	4
11	*12768900A	Base Assy.	1
12	*08026100A	Pivot	10
13	*12769900A	Hook Assy. - Short	2

* Part number may have alpha prefix

4182 Spider Assembly

Ref.	Part Number	Description	Qty
1	*12765400A	Rod, Column	2
2	A08029200A	Brace, Assy., Bent	1
3	R00440210	Lock washer, 3/8	8
4	R00799050	Screw, 3/8-16	6
5	R0153907A	Nut, 3/8-16	8
6	*04012100B	Flat washers	6
7	*08028800A	Plate, Column	2
8	*12769600A	Spider, L.H.	1
9	*12769700A	Spider, R.H.	1
10	*12825400A	Brace - Straight	2
11	*08027500A	Brace - Bent	1
12	*02987107A	Screw, 5/16-18	2
13	R0043307A	Nut, 5/16	2
14	*10268900A	Level	1
Not Shown	*12765100A	Bearing	4

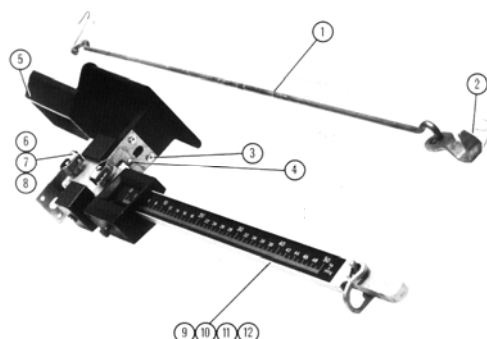
4182 Spider Assembly



4182 Nose Iron

4182 Nose Iron

Ref.	Part Number	Description	Qty
1	R0043407A	Nut, 1/4-20	2
2	R0300900A	Screw, 1/4-20	1
3	*12769300A	Nose Iron Assy.	1



4182 Steelyard Beam Assembly

4182 Steelyard Beam Assembly

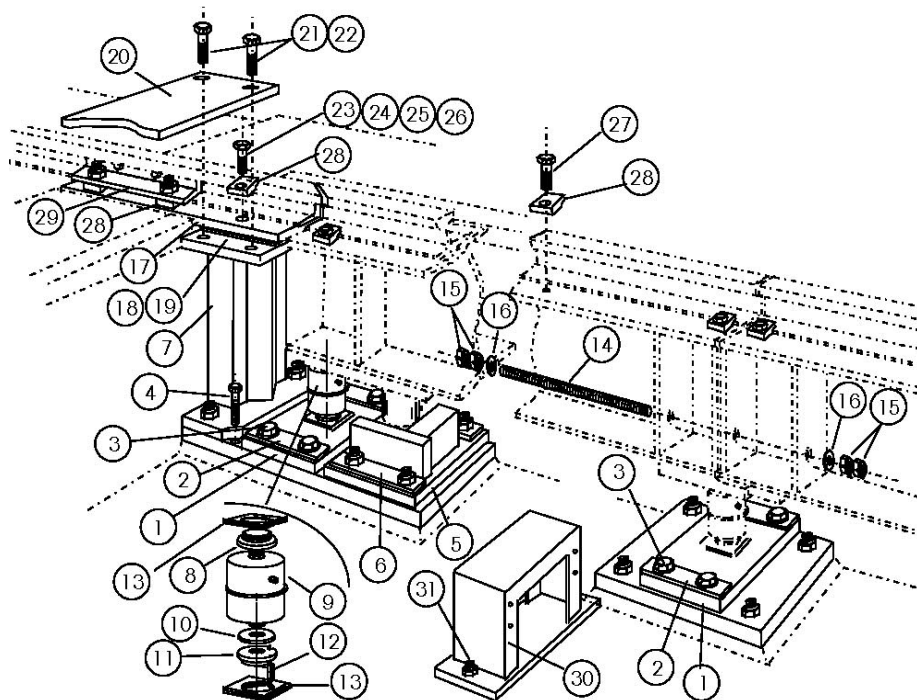
Ref.	Part Number	Description	Qty
1	*12770100A	Rod, Steelyard	1
2	*08028400A	Hook, Nose Iron	1
3	*12831100A	Screw #10-32 x 3/8	2
4	R01645050	Screw	2
5	*12765600A	Cap, Column	1
6	*007369050	Bearing	4
7	*017874050	Pin	4
8	*00358207A	Pin, Cotter	8
9	*12768200A	Beam Assy., lb-lb	*
10	*12768300A	Beam Assy., kg-kg	*
11	*12768400A	Beam Assy. lb-kg	*
12	*12774000A	Beam Assy kg-lb	*

* Part number may have alpha prefix

Model 7260

7260 DigiTOL Railroad Track Scale (115 # Rail Standard)

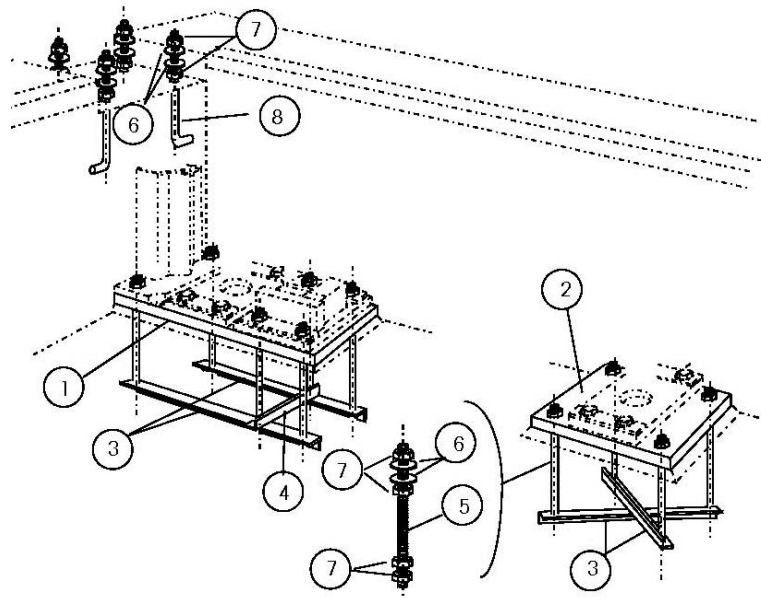
Ref.	Part Number	Description	Qty
1	TB200834	PowerCell Receiver Plate (Complete with (1) MZ0904000063 1/2" Roll Pin)	varies
2	12752400F	Clamp Bar, Receiver Plate (per Receiver Plate)	2
3	MZ0901010354	3/4-10 Hex. Hd. Bolt x 2.25" Lg. (per Clamp Bar)	2
4	MZ0901010355	5/8-11 Hex. Hd. Bolt x 5.00" Lg.	8
5	TB200610	Checking Bracket, Right (shown)	2
	TB200609	Checking Bracket, Left	2
6	TB200601-4	Clamp Bar, Check Bracket (per Check Bracket)	2
7	TB200602	Rail Stand	4
8	TA200835-1	Upper Receiver	varies
9	*14002900A	45t CMOS PowerCell	varies
10	TN203173	Gasket	varies
11	TA200830-1	Lower Receiver	varies
12	MZ0904000063	Ref. 1/2" Roll Pin	
13	TA200833-1	Receiver Shim (.125)	varies
	TA200833-2	Receiver Shim (.062)	varies
14	MZ0901050005	1 1/2 - 6 All Thread Rod x 3'-0" L g. (Double Platform Only)	2
15	MZ0901020064	1 1/2 - 6 Hex Nut (Double Platform Only)	8
16	MZ0901030002	1 5/8" Flat Washer (Double Platform Only)	4
17	TA200608-1	Rail Plate	4
18	TA200608-2	Shim Plate 11 ga.	varies
19	TA200608-3	Shim Plate 16 ga.	varies
20	TA200603	Deck Plate	2
21	MZ0901010383	3/8-16 Hex. Hd. Bolt x 2.00 Lg.	8
22	MZ0901030019	3/8" Washer, S. S.	8
23	MZ0901010038	1-8 Hex. Hd. Bolt x 5.00 Lg. GR5	8
24	MZ0901020021	1-8 Hex. Nut, GR5	8
25	MZ0901030059	1" Flat Washer	8
26	MZ0901030026	1" Lock Washer	8
27	MZ0901010148	1-8 Hex. Hd. Bolt x 3.00 Lg. A325	varies
28	TN300995	Rail Clip (#62 or K-26)	varies
29	TA203222-2	Approach Anti-Creep Angle, 115# Rail	8
30	TA203473	Junction Box Stand	1
31	TN203216	3/4 WEJ-IT Anchor x 6.00 Lg.	2



7260 DigiTOL Railroad

7260 Foundation Steel

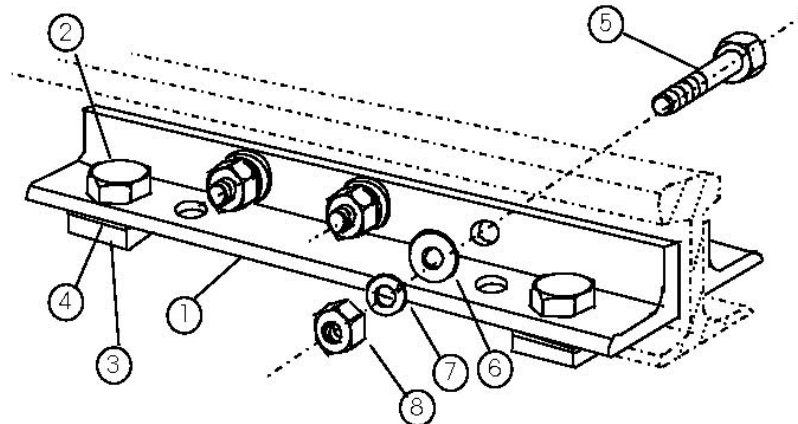
Ref.	Part Number	Description	Qty
1	TB200601-1	Base Plate, Corner	4
2	TB200601-2	Base Plate, Center (7260 Double Scale only)	2
3	TC301512-5	Angle	7260 Single Scale 8 7260 Double Scale 12
4	TB200601-3	Angle	4
5	TC300927-25	1-8 UNC Rod x 2'- 0" Lg.	7260 Single Scale 24 7260 Double Scale 32
6	MZ0901030059	1" Flat Washer	7260 Single Scale 80 7260 Double Scale 96
7	MZ0901020021	1-8 Hex. Nut	7260 Single Scale 128 7260 Double Scale 150
8	TC300927-26	1-8 UNC Bent Anchor x 1'- 6" Lg.	16



7260 Foundation Steel

7260 Anti-Creep Assembly (115 lb Rail Standard)

Ref.	Part Number	Description	Qty
1	TA203222-1	Anti-Creep Angle (112/115/130 lb PS Rail)	4
2	MZ0901010038	1-8 Hex. Hd. Bolt x 5.00" Lg. GR5	8
3	TN3009953-5	Rail Clip (A&K #62 or K-25) (112/115/130 lb PS Rail)	8
4	TN200670	Anti-Creep Rail Clip Spacer (112/115/130 lb PS Rail)	8
5	MZ0901010245	7/8-9 Hex. Hd. Bolt x 3.50" Lg. A490	6
6	MZ0901030061	7/8 Plain Washer	6
7	MZ0901030087	7/8 Lock Washer	6
8	MZ0901020052	7/8-9 Hex. Nut A490	6

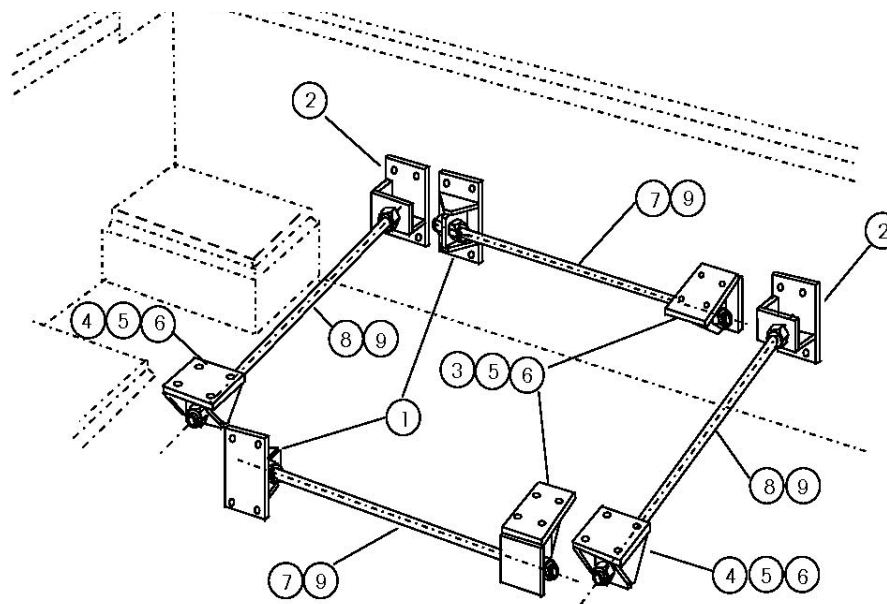


7260 Anti-Creep Assembly

Model 7260

7260 Weighing In-Motion Checking

Ref.	Part Number	Description	Qty.
1	TB301065	Longitudinal Check Wall Bracket	2
2	TB301064	Lateral Check Wall Bracket	2
3	TB201254	Longitudinal Check Beam Bracket	2
4	TB301066	Lateral Check Beam Bracket	2
5	MZ0901010128	3/4 -10 Hex. Hd. Bolt x 1.50" Lg.	16
6	MZ0901020056	3/4 -10 Hex. Nut	16
7	TN201603	1 1/2 - 6 Check Rod x 6' - 9" Lg.	2
8	TN201255	1 1/2 - 6 Check Rod x 5' - 7.25" Lg.	2
9	MZ0901020064	1 1/2 - 6 Hex. Nut	16



7260 Weighing In-Motion Checking

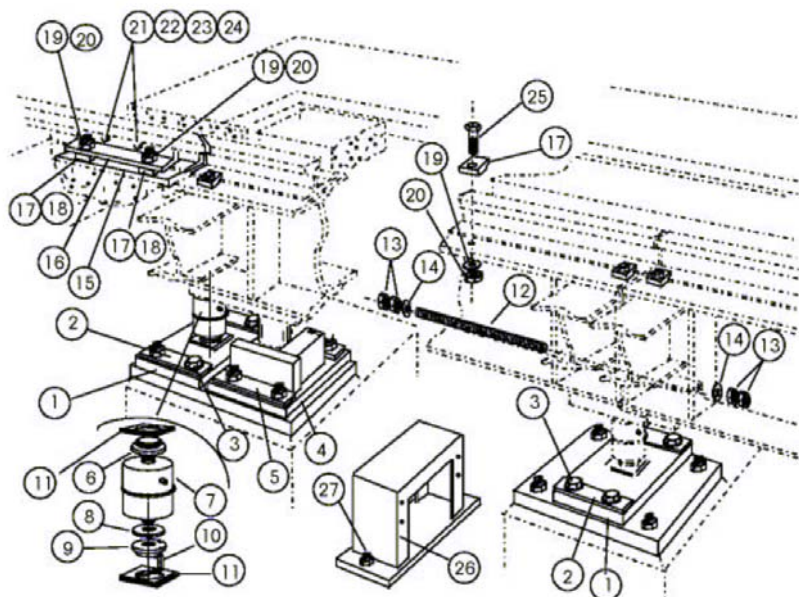
7260 Reference Parts

Ref.	Part Number	Description
1	TA200831	Locating Tool
2	TB202627	Connector Cleaner
3	TN203056	Connector Dielectric Compound
4	MZ0602000117	Loctite #242
5	TN203218	Touchup Paint
6	TN203217	PowerCell/ Receiver Lubrication
7	TB100474-4	Junction Box Assembly CMOS (4 Hole)
8	TB100474-5	Junction Box Assembly CMOS (5 Hole)
9	TB100474-6	Junction Box Assembly CMOS (6 Hole)
10	TB100474-7	Junction Box Assembly CMOS (7 Hole)
11	*13635300A	Junction Box PCB CMOS
12	TA000110-006	Interconnection Cable x 6 ft Lg.
13	TA000110-022	Interconnection Cable x 22 ft Lg.
14	TA000110-080	Interconnection Cable x 80 ft Lg.
15	TA000088-008	PowerCell Cable x 8 ft Lg.
16	TA000088-026	PowerCell Cable x 26 ft Lg.
17	TA000088-035	PowerCell Cable x 35 ft Lg.
18	TB100439	Surge Protector, 120 VAC
19	TA100532	Surge Protector, 240 VAC
20	*09170198	Dual Barrier Box
21	TA000123-006	Barrier to Indicator Cable x 6 ft Lg.
22	*09170168	Auxiliary Power Supply, 120 VAC
23	*09170169	Auxiliary Power Supply, 240 VAC

* Part number may have alpha prefix

7360 RAILMATE

Ref.	Part Number	Description	Qty
1	TB200834	PowerCell Receiver Plate (Complete with (1) MZ0904000063 1/2" Roll Pin)	varies
2	*12752400F	Clamp Bar, Receiver Plate (per Receiver Plate)	2
3	MZ0901010354	3/4-10 Hex. Hd. Bolt x 2.25" Lg. (per Clamp Bar)	varies
4	TB200610	Checking Bracket, Right (shown)	varies
	TB200609	Checking Bracket, Left	varies
5	TB200601- 4	Clamp Bar, Check Bracket (per Check Bracket)	2
6	TA200835-1	Upper Receiver	varies
7	*14002900A	45t CMOS PowerCell	varies
8	TN203173	Gasket	varies
9	TA200830-1	Lower Receiver	varies
10	MZ0904000063	1/2" Roll Pin (Ref.)	
11	TA200833-1	Receiver Shim (.125)	varies
	TA200833-2	Receiver Shim (.062)	
12	MZ0901050008	1 1/2 - 6 All Thread Rod x 3'- 6" Lg.	4
13	MZ0901020064	1 1/2 - 6 Hex Nut	16
14	MZ0901030002	1 5/8" Flat Washer	8
15	TB301150-4	Pit Wall Rail Plate	4
16	TA203222-2	Approach Anti-Creep Angle, 115# Rail	8
17	TN300995	Rail Clip (#62 or K-26)	varies
18	TA203222-3	Anti-Creep Spacer, 115# Rail	16
19	MZ0901030026	1" Lock Washer	8
20	MZ0901020021	1-8 Hex. Nut, GR5	8
21	MZ0901010245	7/8 - 9 Hex. Hd. Bolt x 3.5" Lg. A490	8
22	MZ0901030061	7/8 Flat Washer	8
23	MZ0901030087	7/8 Lock Washer	8
24	MZ090102052	7/8 - 9 Hex. Nut	8
25	MZ0901010073	1-8 Hex. Hd. Bolt x 4.00" Lg. GR5	8
26	TA203473	Junction Box Stand Plate (Ref. TA200606 Channel Stand, Original)	1
27	TN203216	3/4 -10 Expansion Anchor x 5.50" Lg.	4



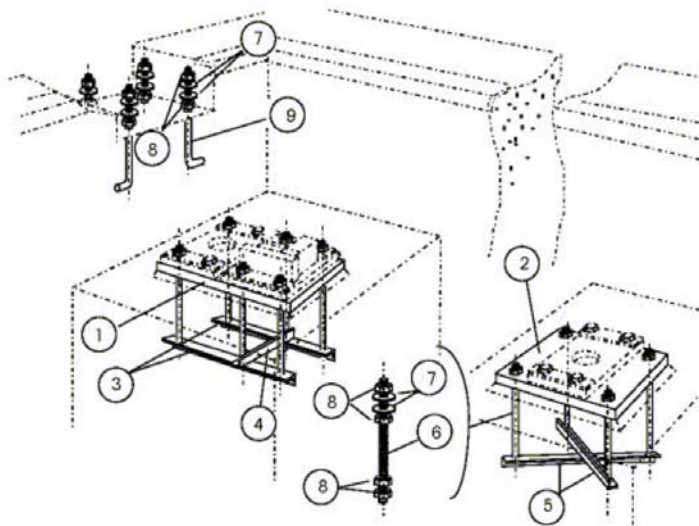
7360 DigiTOL Combination Rail/Truck Scale
(115 # Rail Standard)

* Part number may have alpha prefix

Model 7360

7360 Typical Rod Assembly

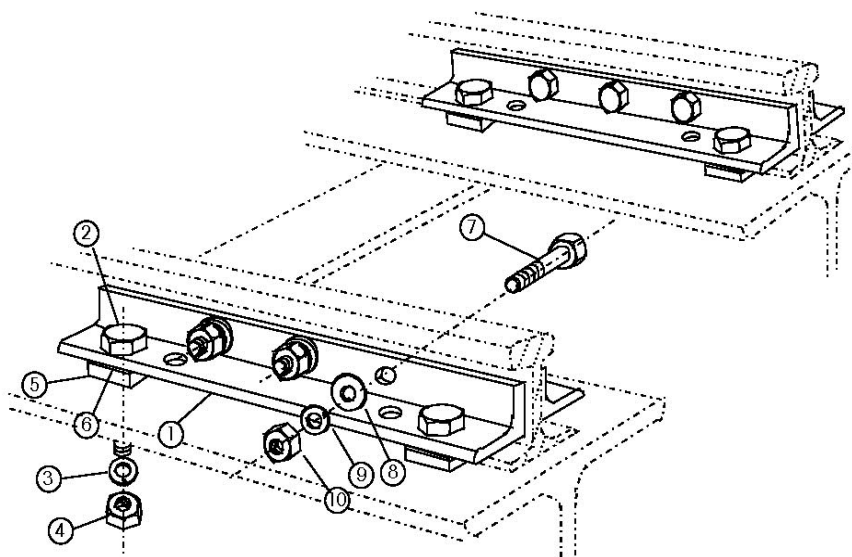
Ref.	Part Number	Description	Qty
1	TN302239	Base Plate, Bumper	8
2	TB200601-2	Base Plate	6
3	TN201375	Angle	16
4	TB200601-3	Angle	8
5	TN301512-5	Angle	12
6	TC300927-25	1-8 UNC Rod x 2'- 0" Lg.	72
7	MZ0901030059	1" Flat Washer	320
8	MZ0901020021	1-8 Hex. Nut	176
9	TC300927-26	1-8 UNC Bent Anchor x 2'- 0" Lg.	16



7360 Typical Rod Assembly

7360 Anti-Creep Assembly (115 lb Rail Standard)

Ref.	Part Number	Description	Qty.
1	TA203222-1	Anti-Creep Angle (112/115/130 lb PS Rail)	4
2	MZ0901010073	1-8 Hex. Hd. Bolt x 4.00" Lg. GR5	8
3	MZ0901030026	1" Lock Washer	8
4	MZ0901020021	1-8 Hex. Nut	8
5	TN300995	Rail Clip (A&K #62 or K-25) (112/115/130 lb PS Rail)	8
6	TA203222-3	Anti-Creep Rail Clip Spacer (112/115/130 lb PS Rail)	8
7	MZ0901010245	7/8-9 Hex. Hd. Bolt x 3.50" Lg. A490	6
8	MZ0901030061	7/8 Plain Washer	6
9	MZ0901030087	7/8 Lock Washer	6
10	MZ0901020052	7/8-9 Hex. Nut A490	6



7360 Anti-Creep Assembly

* Part number may have alpha prefix

7360 Reference Parts

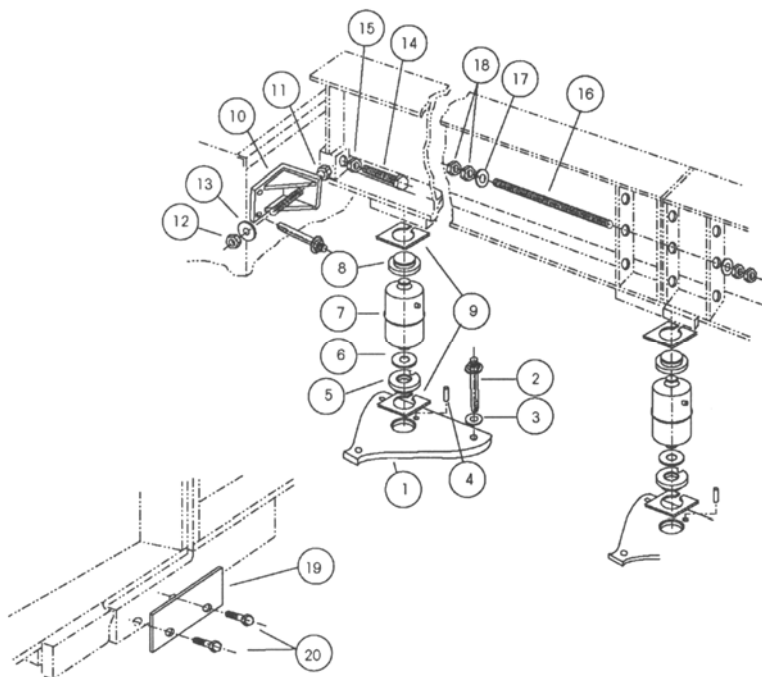
Ref.	Part Number	Description
1	TA200831	Locating Tool
2	TB202627	Connector Cleaner
3	TN203056	Connector Dielectric Compound
4	MZ0602000117	Loctite #242
5	TN203218	Touchup Paint
6	TN203217	PowerCell/ Receiver Lubrication
7	TB100474-4	Junction Box Assembly CMOS (4 Hole)
8	TB100474-5	Junction Box Assembly CMOS (5 Hole)
9	TB100474-6	Junction Box Assembly CMOS (6 Hole)
10	13635300A	Junction Box PCB CMOS
11	TA000110-006	Interconnection Cable x 6 ft Lg.
12	TA000110-080	Interconnection Cable x 80 ft Lg.
13	TA000088-008	PowerCell Cable x 8 ft Lg.
14	TA000088-026	PowerCell Cable x 26 ft Lg.
15	TA000088-035	PowerCell Cable x 35 ft Lg.
16	TB100439	Surge Protector, 120 VAC
17	TA100532	Surge Protector, 240 VAC
18	09170198	Dual Barrier Box
19	TA000123-006	Barrier to Indicator Cable x 6 ft Lg.
20	*09170168	Auxiliary Power Supply, 120 VAC
21	*09170169	Auxiliary Power Supply, 240 VAC

* Part number may have alpha prefix

Model 7431

7431 Truck Scales

Ref.	Part Number	Description
1	TA203619	Base Plate
2	TN203216	3/4-10 Anchor Bolt x 5.5 inches long
3	MZ0901030111	3/4-inch Plain Washer, Zinc Plated
4	MZ0904000063	Roll Pin
5	TA200814	Bottom Receiver
6	TN203173	Gasket
7	14002500A	DigitOL POWERCELL Load Cell, 22.5t (CMOS)
	12826800A	Analog Load Cell, 30t, 13m cable
8	TA200764	Top Receiver
9	TA200712-1	Receiver Shim, 1/8 inch
	TA200712-2	Receiver Shim, 1/16 inch
	TA200712-3	Receiver Shim, 3/16 inch
10	TA203669	Side Bumper Bracket
11	MZ0901010506	5/8-11 Bolt x 1.75 inches long, A325
12	MZ0901020066	5/8-11 Nut, Gr. 8
13	MZ0901030062	5/8-inch Flat Washer, F436
Not Shown	TA200357-1	Slotted Shim, 1/8 inch (for side bumper)
	TA200357-2	Slotted Shim, 1/16 inch (for side bumper)
	TA200357-3	Slotted Shim, 1/32 inch (for side bumper)
14	TA201606	End Bumper Bolt, 1.5-6 x 10 inches long, Gr. 8
15	MZ0901020064	1.5-6 Jam Nut
16	MZ0901050006	Tie Rod, 1.25-7 x 2 feet long
17	MZ0901030015	1.25-inch Washer
18	MZ0901020068	1.25-7 Nut
19	TA200801-1	Coupler Side Shims, 1/4 inch
	TA200801-2	Coupler Side Shims, 1/8 inch
	TA200801-3	Coupler Side Shims, 1/16 inch
20	MZ0901010239	10-32 Screw x 3/4-inch long
Not Shown	MZ0901010505	1-8 Bolt x 3 inches long (for cross beams)
Not Shown	MZ0901020062	1-8 Nut (for cross beams)
Not Shown	MZ0901030109	1-inch Washer, F436 (for cross beams)
Not Shown	TN203217	Magnalube-G Lubricant
Not Shown	TA200831	Locating Tool (for digital scales)
	TA204852	Locating Tool (for analog scales)

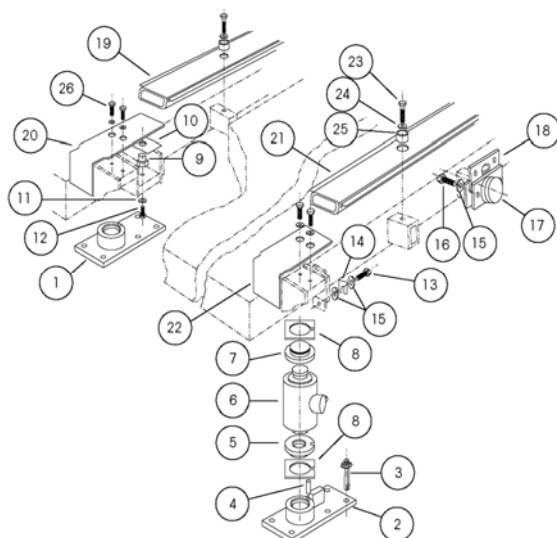


7431 Truck Scale

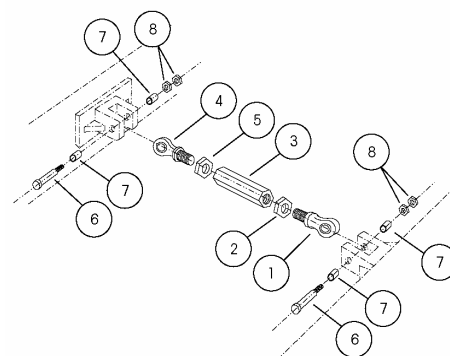
* Part number may have alpha prefix

7460 Truck Scales

Ref.	Part Number	Description	Qty.
1	TB204592-0200	Base Plate, No Bumper	Varies
2	TB205904	Base Plate, Left Bumper	2
Not Shown	TB205905	Base Plate, Right Bumper	2
3	TN203216	3/4-10 Anchor Bolt x 5.5 inches long	Varies
4	MZ0904000063	Roll Pin, 1/2 inch x 1.5 inches long	Varies
5	TA200814	Bottom Hex. Receiver	Varies
6	12826800A*	0782 Analog Load Cell, 30t, 13-meter (42.6-foot) cable	Varies
7	TA200764	Top Receiver	Varies
8	TA200712-1	Receiver Shim, 0.125 inch	Varies
	TA200712-2	Receiver Shim, 0.062 inch	
	TA200712-3	Receiver Shim, 0.180 inch	
9	TA200865-1	Round Coupler Pin (per module)	1
	TA200865-2	Octagonal Coupler Pin (per module)	1
10	TA200864-1	Coupler Shim, 0.125 inch	Varies
	TA200864-2	Coupler Shim, 0.062 inch	
11	MZ0901030019	3/8-inch Washer (per module)	2
12	MZ0901010030	3/8-16 Hex. Head Screw x 3/4 inch long (per module)	2
13	MZ0901010375	5/8-11 Side Bumper Bolt x 1.25 inches long	4
14	TA200357-1	Side Bumper Shim, 0.125 inch	Varies
	TA200357-2	Side Bumper Shim, 0.062 inch	
	TA200357-3	Side Bumper Shim, 0.031 inch	
15	MZ0901030062	5/8-inch Washer, Plain	Varies
16	TN202012	5/8-11 Hex. Head Bolt x 2.5 inches long	4
17	TA200887	End Bumper Assembly	2
18	TA200856-1	End Bumper Shims, 0.250 inch	Varies
	TA200856-2	End Bumper Shims, 0.125 inch	
	TA200856-3	End Bumper Shims, 0.062 inch	
19	TB202312-2	Gap Cover, 11 feet wide	Varies
20	TA202072-2	Side Cover (per section)	2
21	TB202312-1	Gap Cover, 11 feet wide	Varies
22	TA202072-1	Side Cover (per section)	2
23	TN800653	1/2-13 Bolt x 3 inches long (per gap cover)	2
24	MZ0901030098	1/2-inch Washer (per section)	6
25	TN202310	Sleeve (per section)	2
26	MZ0901010512	1/2-13 Bolt x 1.5 inches long (per side cover)	2
Not Shown	TA204852	Locating Tool	Varies
Not Shown	MZ0909000043	Plug, Red #16 (for side lifting holes)	Varies
Not Shown	MZ0909000031	Plug, Red #19 (for end plate holes)	Varies
Not Shown	TN203217	Magnalube-G Load Cell Lubricant	Varies
Not Shown	MZ0602000117	Loctite #242 Threadlocker	Varies



7460 Load Cell Assembly, Bumpers, and Gap Covers



7460 Multiple-Platform Connection Assembly

7460 Multiple-Platform Connection Assembly

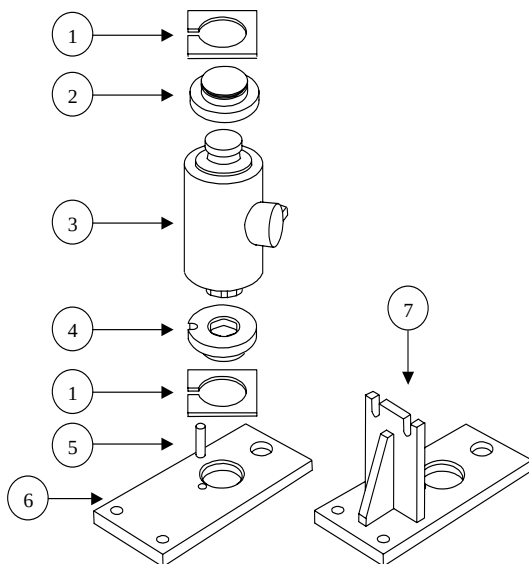
Ref.	Part Number	Description	Qty.
1	MZ0901040009	Rod End Bearing, R.H.	1
2	MZ0901020038	Jam Nut, R.H.	1
3	TA200502	Coupling Block	1
4	MZ0901040010	Rod End Bearing, L.H.	1
5	MZ0901020069	Jam Nut, R.H.	1
6	MZ0901010398	Shoulder Bolt	2
7	MZ1606000002	Bushing	4
8	MZ0901020014	Jam Nut	4

* Part number may have alpha prefix

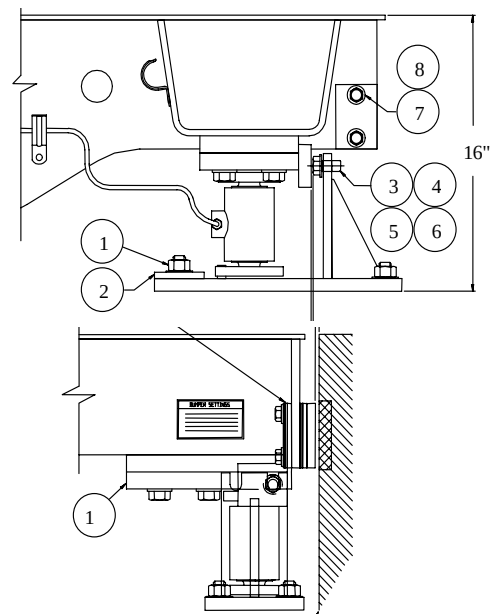
Model 7461

7461 TRUCKMATE Load Cell Assembly

Ref.	Part Number	Description	Qty
1	TA200712-1	Receiver Shim, Slotted, 11 gauge	Varies
	TA200712-2	Receiver Shim, Slotted, 16 gauge	
	TA200712-3	Receiver Shim, Slotted, 7 gauge	
2	TA200764	Top Receiver with O-ring	Varies
3	*12826800A	0782 Analog Load Cell, 30t, H44 10Kd, 13m cable	Varies
4	TA200814	Bottom Hex Receiver	Varies
5	MZ0904000063	Roll Pin, 1/2 x 1.5" long, SS	Varies
6	TA204814	Middle Base Plate	Varies
7	TB204919	End Base Plate	Varies
—	TN203217	Magnalube-G Load Cell Lubricant	—



7461 TRUCKMATE Load Cell Assembly



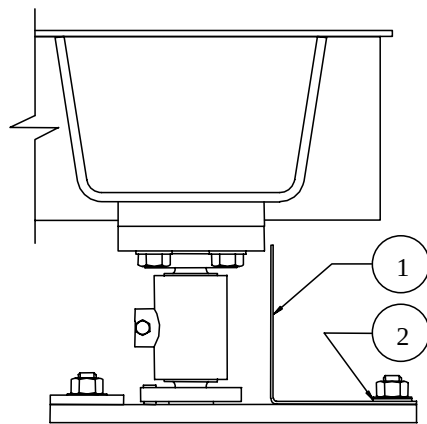
7461 TRUCKMATE End of Scale Assembly

7461 TRUCKMATE End of Scale Assembly

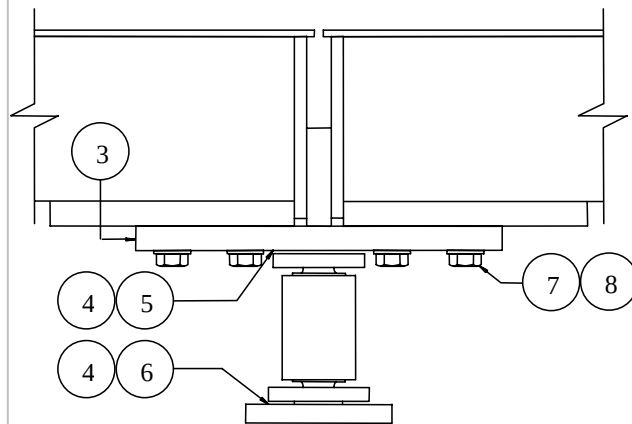
Ref.	Part Number	Description	Qty
1	TN203216	Anchor Bolt, 3/4 inch	Varies
2	TN201244	Clamp Bar	Varies
3	MZ0901010375	Side Bumper Bolt, 5/8-11 x 1.25 inches long	Varies
4	TA200357-1	Slotted Shim, 11 gauge	Varies
	TA200357-2	Slotted Shim, 16 gauge	
	TA200357-3	Slotted Shim, 22 gauge	
5	MZ0901030062	Washer, 5/8 inch	Varies
6	MZ0901020066	Nut, 5/8-11	Varies
7	MZ0901010080	Bolt, 1/2-13 x 2 inches long	Varies
8	MZ0901030114	Washer, 1/2 inch	Varies
9	TA204849-1	End Bumper	Varies
	TA204849-2	End Bumper Shim, 0.25 inch	
	TA204849-3	End Bumper Shim, 0.125 inch	
	TA204849-4	End Bumper Shim, 0.062 inch	
10	TA204812	End Receiver Plate	Varies

7461 TRUCKMATE Module Connection Assembly

Ref.	Part Number	Description	Qty
1	TA204910	Side Shield	Varies
2	MZ0901030111	Washer, 3/4 inch	Varies
3	TA204813	Coupler/Receiver Plate	Varies
4	TA200712-1	Receiver Shim, 11 gauge	Varies
	TA200712-2	Receiver Shim, 16 gauge	
	TA200712-3	Receiver Shim, 7 gauge	
5	TA200764	Top Receiver with O-ring	Varies
6	TA200814	Bottom Hex Receiver	Varies
7	MZ0901010534	Bolt, 3/4-10 x 2 inches long	Varies
8	MZ0901030090	Washer, 3/4 inch	Varies
9	MZ0602000178	Loctite #262 Threadlocker	—



End View



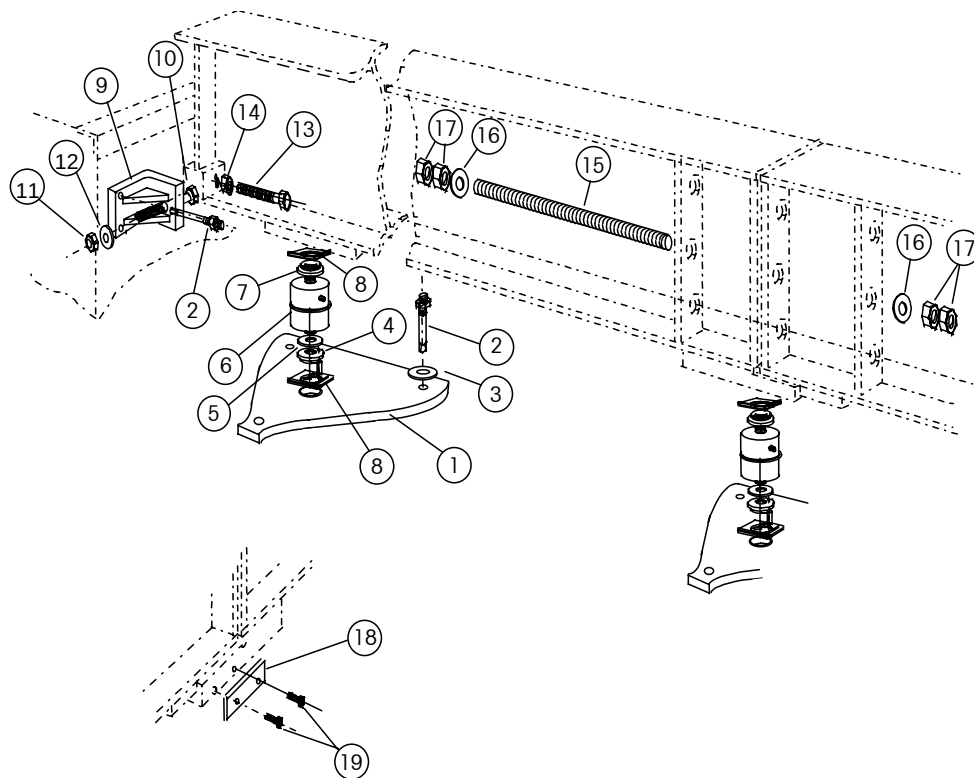
Side View

7461 TRUCKMATE Module Connection Assembly

Model 7531

7531 Truck Scale

Ref.	Part Number	Description
1	TA203619	Base Plate (w/ MZ0904000063 Roll Pin)
2	TN203216	3/4-10 Anchor Bolt x 5 1/2 inches long
3	MZ0901030111	3/4-inch Plain Washer, Zinc Plated
4	TA200814	Lower Hexagonal Receiver
5	TN203173	Gasket
6	14002500A	22.5 t DigiTOL Load Cell (CMOS)
7	TA200764	Upper Receiver
8	TA200712-1	Receiver Shim, 1/8 inch
	TA200712-2	Receiver Shim, 1/16 inch
	TA200712-3	Receiver Shim, 3/16 inch
9	TA203669	Side Bumper Bracket
10	MZ0901010506	5/8-11 Bolt x 1 3/4 inches long, A325
11	MZ0901020066	5/8-11 Nut, Gr. 8
12	MZ0901030062	5/8-inch Flat Washer, F436
Not Shown	TA200357-1	Slotted Shim, 1/8 inch (for side bumper)
	TA200357-2	Slotted Shim, 1/16 inch (for side bumper)
	TA200357-3	Slotted Shim, 1/32 inch (for side bumper)
13	TA201606	End Bumper Bolt, 1 1/2-6 x 10 inches long, Gr. 8
14	MZ0901020064	1 1/2-6 Jam Nut
15	MZ0901050006	Tie Rod, 1 1/4-7 x 2 feet long
16	MZ0901030015	1 1/4-inch Washer
17	MZ0901020068	1 1/4-7 Nut
18	TA200801-1	Coupler Side Shims, 1/4 inch
	TA200801-2	Coupler Side Shims, 1/8 inch
	TA200801-3	Coupler Side Shims, 1/16 inch
19	MZ0901010356	10-32 Screw x 1/2-inch long
Not Shown	MZ0901010505	1-8 Bolt x 3 inches long (for cross beams)
Not Shown	MZ0901020062	1-8 Nut (for cross beams)
Not Shown	MZ0901030109	1-inch Washer, F436 (for cross beams)
Not Shown	TN203217	Magnalube-G Lubricant
Not Shown	TA200831	Locating Tool

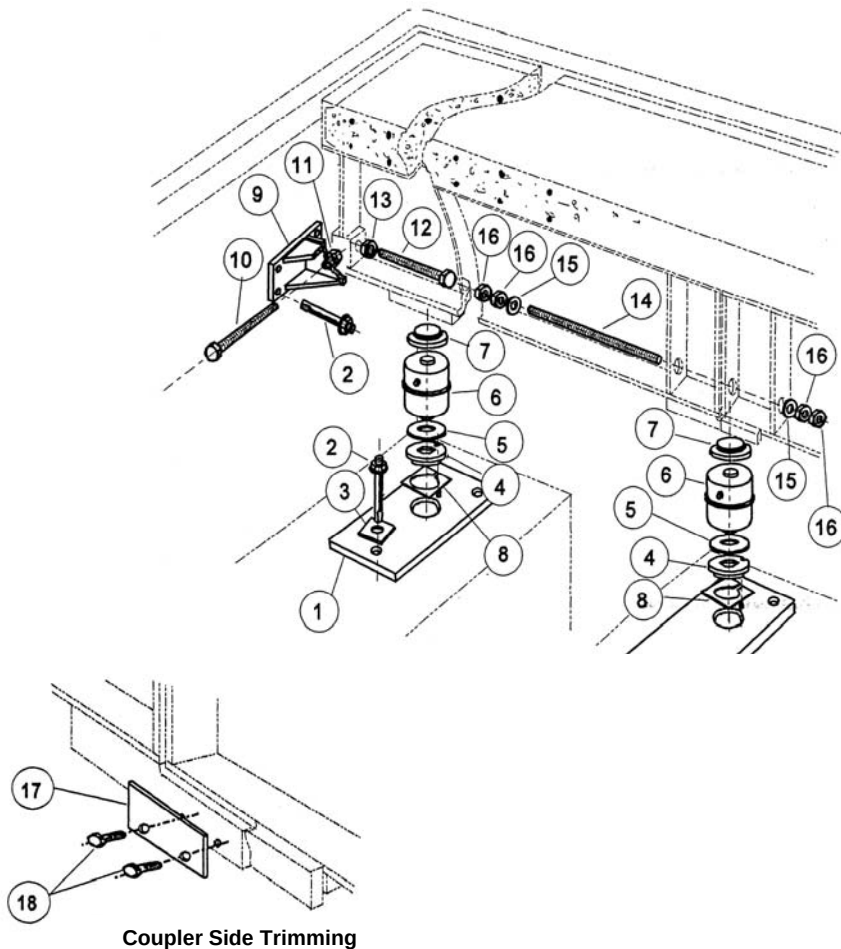


Coupler Side Trimming

7531 Truck Scale

7541 Cell Assembly, Tie Rod, And Bumpers

Ref.	Part Number	Description	Qty.
1	TB200797	Base Plate w/ MZ0904000063 Roll Pin	varies
2	MZ0901010055	3/4 - 10 Anchor Bolt X 6" Lg. (Per Base Plate)	3
		(Per Side Bumper Bracket)	4
3	TN201244	Clamp Bar (Per Base Plate)	3
4	TA200814	Lower Hex. Receiver	varies
5	MN61016-13	Gasket	varies
6	14002500A	22.5t DigiTOL Load Cell (CMOS)	varies
7	TA200764	Upper Receiver	varies
8	TA200712-1	Receiver Shim .125"	varies
	TA200712-2	Receiver Shim .062"	varies
	TA200712-3	Receiver Shim .180"	varies
9	TB201498	Side Bumper Bracket	4
10	TA200923	1 1/4 - 7 Side Bumper Bolt x 10" Lg. Gr. 8	4
11	MZ0901020068	1 1/4 - 7 Nut	4
12	TA201606	1 1/2 - 6 End Bumper Bolt x 10" Lg. Gr. 8	4
13	MZ0901020064	1 1/2 - 6 Nut	4
14	MZ0901050006	1 1/4 - 7 Tie Rod x 2' - 0" Lg.	varies
15	MZ0901030015	1 1/4" Washer (Per Tie Rod)	2
16	MZ0901020068	1 1/4 - 7 Jam Nut (Per Tie Rod)	4
17	TA200801-1	Coupler Side Shim .250	varies
	TA200801-2	Coupler Side Shim .125"	varies
	TA200801-3	Coupler Side Shim .062"	varies
18	MZ0901010356	10-32 Screw x 1/2" Lg.(Per Coupler)	2



7541 Cell Assembly, Tie Rod, And Bumpers

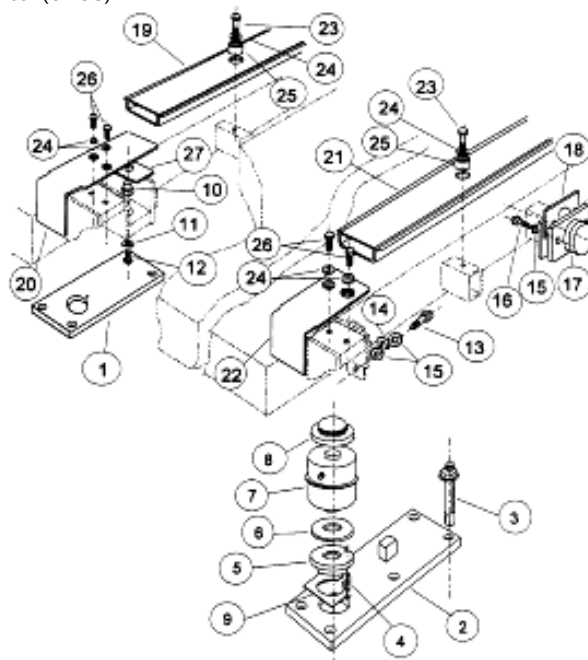
Model 7560

7560 Truck Scale

Ref.	Part Number	Description	Qty
1	TA200937-2*	Base Plate	varies
2	TA200937-3*	Left Bumper Base Plate	2
	TA200937-4*	Right Bumper Base Plate (not shown)	2
	TB200930-2*	Dual-Cell Base Plate (for multiple-platform scale)	varies
3	TN203216	3/4-10 Anchor Bolt x 6 inches long	varies
4	MZ0904000063	Roll Pin, 1/2 inch	varies
5	TA200814	Lower Hex. Receiver	varies
6	TN203173	POWERCELL Gasket	varies
-	TN203705	MTX Boot	varies
7	E12995400A**	22.5t POWERCELL Load Cell (NMOS) before April 1, 1993	varies
	14002500A	22.5t POWERCELL Load Cell (CMOS) after April 1, 1993	
	15476400A	25t MTX Load Cell	
8	TA200764	Upper Receiver	varies
9	TA200712-1	Receiver Shim, 0.125 inch	varies
	TA200712-2	Receiver Shim, 0.062 inch	
	TA200712-3	Receiver Shim, 0.180 inch	
10	TA200865-2	Octagonal Coupling Pin (per module)	1
	TA200865-1	Round Coupling Pin (per module)	1
11	MZ0901030019	3/8-inch Washer (per module)	2
12	MZ0901010030	3/8-16 Hex. Head Screw x 3/4 inch long (per module)	2
13	MZ0901010375	5/8-11 Side Bumper Bolt x 1.25 inches long	4
14	TA200357-1	Side Bumper Shim, 0.125 inch	varies
	TA200357-2	Side Bumper Shim, 0.062 inch	
	TA200357-3	Side Bumper Shim, 0.031 inch	
15	MZ0901030062	5/8-inch Washer, Plain	varies
16	TN202012	5/8-11 Bolt, Hex. Head x 2.5 inches long	4
17	TA200887	End Bumper Assembly	2
18	TA200856-1	End Bumper Shim, 0.250 inch	varies
	TA200856-2	End Bumper Shim, 0.125 inch	
	TA200856-3	End Bumper Shim, 0.062 inch	
19	TB202312-2	Center Gap Cover, Concrete Deck, Middle (11 feet wide only)	varies
	TB202313-2	Center Gap Cover, Steel Deck, Middle (11 feet wide only)	
20	TA202072-2	Side Cover, Concrete Deck, Middle (per section)	2
	TA201427-2	Side Cover, Steel Deck, Middle (per section)	2
21	TB202312-1	Center Gap Cover, Concrete Deck, End (11 feet wide only)	varies
	TB202313-1	Center Gap Cover, Steel Deck, End (11 feet wide only)	
22	TA202072-1	Side Cover, Concrete Deck, End (per section)	2
	TA201427-1	Side Cover, Steel Deck, End Left (per section)	1
	TA201427-3	Side Cover, Steel Deck, End Right (per section)	1
23	TN800653	1/2-13 Bolt x 2.5 inches long (per center gap cover)	2
24	MZ0901030098	1/2-inch Washer (per section)	6
25	TN202310	Sleeve (per center gap cover)	2
26	MZ0901010512	1/2-13 Bolt x 1.5 inches long (per side cover)	2
27	TA200864-1	Coupler Shim, 0.125 inch	varies
	TA200864-2	Coupler Shim, 0.062 inch	

* Part number may have alpha prefix

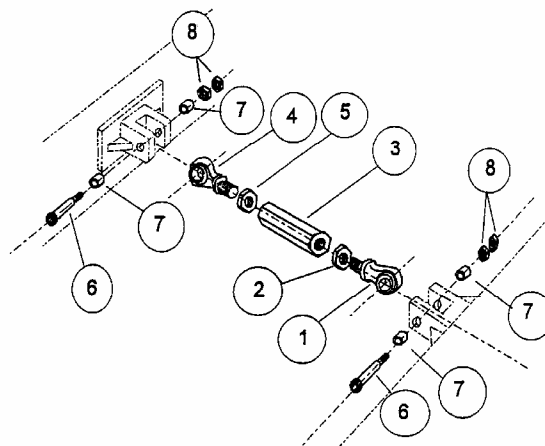
**Replace with 14002500A load cell (CMOS).



7560 Truck Scale

7560 Multiple Platform Connecting Link Assembly

Ref.	Part Number	Description	Qty
1	MZ0901040009	Rod End Bearing, R.H.	1
2	MZ0901020038	Jam Nut, R.H.	1
3	TA200502	Coupling Block	1
4	MZ0901040010	Rod End Bearing, L.H.	1
5	MZ0901020069	Jam Nut, L.H.	1
6	MZ0901010398	Shoulder Bolt	2
7	MZ1606000002	Bushing	4
8	MZ0901020014	Jam Nut	4

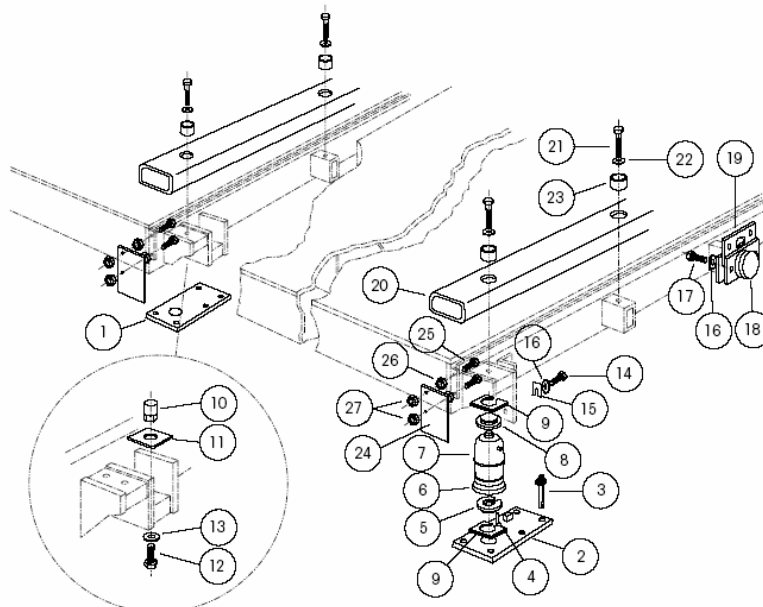


7560 Multiple Platform Connecting Link Assembly

Model 7561/7562

7561/7562 Truck Scale

Ref.	Part Number	Description	Qty.
1	TA200937-2	Base Plate	Varies
	T204592-0600	Base Plate with 6-inch High Riser (Optional)	
2	TA200937-3	Left Bumper Base Plate	Varies
	TA200937-4	Right Bumper Base Plate (not shown)	
Not Shown	T204593-0600	Left Bumper Base Plate with 6-inch High Riser (Optional)	Varies
	T204594-0600	Right Bumper Base Plate with 6-inch High Riser (Optional)	
3	TN203216	3/4-10 Anchor Bolt x 5.5 inches long	Varies
	TN309958	3/4-10 Anchor Bolt x 8 inches long (optional)	
4	MZ0904000063	Roll Pin	Varies
5	TA200814	Bottom Hex. Receiver	Varies
6	TN203173	Gasket (7561)	Varies
	TN203705	MTX Boot (7562)	Varies
7	14002500A	22.5t POWERCELL Load Cell, CMOS (7561)	Varies
	15475900A	45t MTX Load Cell (7562: after 6/99)	
	14002500A	22.5t POWERCELL Load Cell, CMOS (7562: 4/93 to 6/99)	
	E12995400A	22.5t POWERCELL Load Cell, NMOS (7562: before April 1, 1993)	
8	TA200764	Upper Receiver	Varies
9	TA200712-1	Receiver Shim, 0.125 inch	Varies
	TA200712-2	Receiver Shim, 0.063 inch	
	TA200712-3	Receiver Shim, 0.187 inch	
10	TA205313	Round Coupler Pin (per module)	Varies
	TA205314	Octagonal Coupler Pin (per module)	
11	TN202990-2	Coupler Shim, 0.062 inch	Varies
12	MZ0901010030	3/8-16 Hex. Head Screw x 3/4 inch long (per module)	Varies
13	MZ0901030019	3/8-inch Washer (per module)	Varies
14	MZ0901010375	5/8-11 Side Bumper Bolt x 1 1/4 inches long	Varies
15	TA200357-1	Side Bumper Shim, 0.125 inch	Varies
	TA200357-2	Side Bumper Shim, 0.063 inch	
	TA200357-3	Side Bumper Shim, 0.031 inch	
16	MZ0901030062	5/8-inch Washer, Plain	Varies
17	TN202012	5/8-11 Hex. Head Bolt x 2.5 inches long w/ 2-inch thread	Varies
18	TA200887	End Bumper Assembly	Varies
19	TA200856-1	End Bumper Shims, 0.250 inch	Varies
	TA200856-2	End Bumper Shims, 0.125 inch	
	TA200856-3	End Bumper Shims, 0.063 inch	
20	TA205182	Middle Gap Cover, 11 feet wide only (7562)	Varies
	TA204083	Middle Gap Cover, 11 feet wide only (7561)	
21	TA202174	End Gap Cover, 11 feet wide only (7562)	Varies
	TA204082	End Gap Cover, 11 feet wide only (7561)	
22	MZ0901030098	1/2-inch Washer (per section)	Varies
23	TN205318	Sleeve (per section)	Varies
24	TA202172	Side Shield (per section)	Varies
25	MZ0901010065	1/4-20 Hex. Head Cap Screw x 3/4 inch long (per side shield)	Varies
26	MZ0901020001	1/4-20 Hex. Nut (per side shield)	Varies
27	MZ0901020102	1/4-20 Nylock Nut (per side shield)	Varies
Not Shown	TN203217	Magnalube-G	
Not Shown	MZ0602000117	Loctite #242 Threadlocker	
Not Shown	TA800582	METTLER TOLEDO Sign	
Not Shown	TA200831	Locating Tool	
Not Shown	TA800085	DigiTOL TRUCKMATE Sign	
Not Shown	TN800345	Bumper Gap Label	

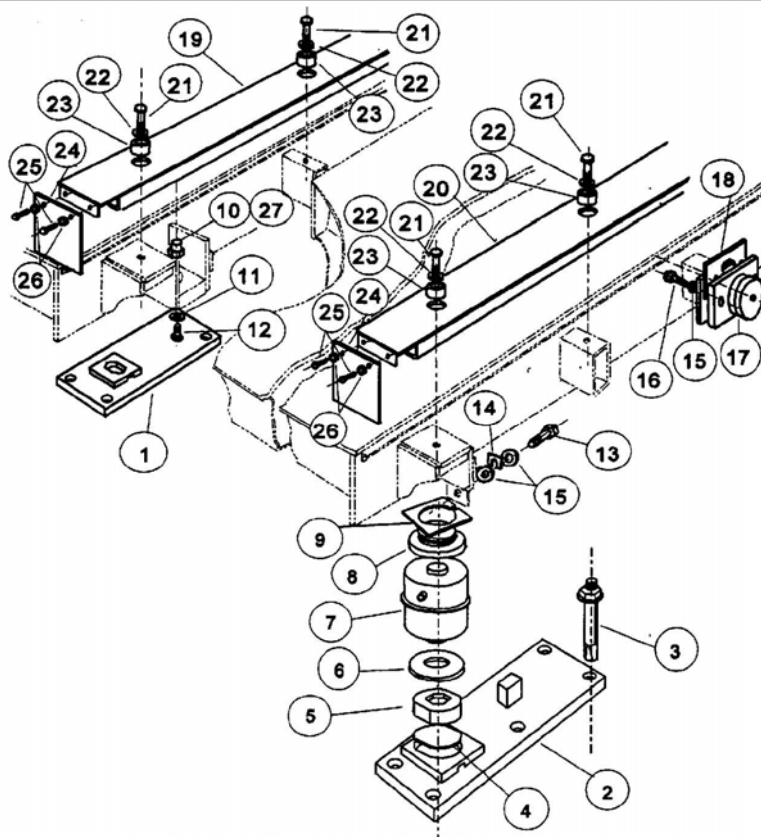


7561/7562

* Part number may have alpha prefix

7563 Truck Scale

Ref.	Part Number	Description	Qty
1	TB203076-2	Base Plate	varies
2	TB203076-3	Left Bumper Base Plate (Shown)	2
	TB203076-4	Right Bumper Base Plate	2
3	MZ0901010055	3/4 - 10 Anchor Bolt X 6 in. Lg.	varies
4	TN202993-2	Bottom Receiver Shim 11 Ga.	varies
	TN202993-3	Bottom Receiver Shim 16 Ga.	varies
5	TA202695	Lower Hex. Receiver	varies
6	MN61016-13	Gasket	varies
7	*14002900A	45t DigiTOL POWERCELL (CMOS)	varies
8	TA200835	Upper Receiver with O-ring	varies
9	TA200833-1	Receiver Shim 0.125 in.	varies
	TA200833-2	Receiver Shim 0.062 in.	varies
	TA200833-3	Receiver Shim 0.180 in.	varies
10	TA202743-2	Octagonal Coupling Pin (Per Module)	varies
	TA202743-1	Round Coupling Pin (Per Module)	
11	MZ0901030098	1/2 in. Washer (Per Module)	2
12	MZ0901010441	1/2-13 Hex Hd Scr. X 2 in. Lg. (Per Module)	2
13	MZ0901010375	5/8 - 11 Side Bumper Bolt X 1 1/4 in. Lg.	4
14	TA200357-1	Side Bumper Shim 0.125 in.	varies
	TA200357-2	Side Bumper Shim 0.062 in.	varies
	TA200357-3	Side Bumper Shim 0.031 in.	varies
15	MZ0901030062	5/8 in. Washer, Plain	varies
16	TN202012	5/8 - 11 Bolt, Hex. Hd X 2 1/2 in. Lg. w/ 2 in. Th'd	4
17	TA200887	End Bumper Assembly	2
18	TA200856-1	End Bumper Shims, 0.250 in.	varies
	TA200856-2	End Bumper Shims, 0.125 in.	varies
	TA200856-3	End Bumper Shims, 0.062 in.	varies
19	TA202689	Middle Gap Cover (10 ft wide only)	varies
20	TA202690	End Gap Cover (10 ft wide only)	2
21	MZ0901010362	3/4-10 Bolt X 3 in. Lg. (Per Section)	4
22	MZ0901030096	3/4 in. Washer (Per Section)	4
23	TN202699	Sleeve (Per Section)	4
24	TA202688	Side Cover (Per Section)	2
25	MZ0901010030	3/8 - 16 Hex Hd Scr. X 3/4 in. Lg. (Per Side Cover)	2
26	MZ0901030019	3/8 in. Washer (Per Side Cover)	2
27	TA202990-2	Coupler Shim, 0.062 in.	varies
Ref.	MZ060200096	Magnalube-G	
Ref.	MZ0602000117	Loctite # 242 Threadlocker	
Ref.	TA800582	METTLER TOLEDO Sign	
Ref.	TA200831	Locating Tool	
Ref.	TA800085	DigiTOL TRUCKMATE Sign	
Ref.	TN800345	Bumper Gap Label	



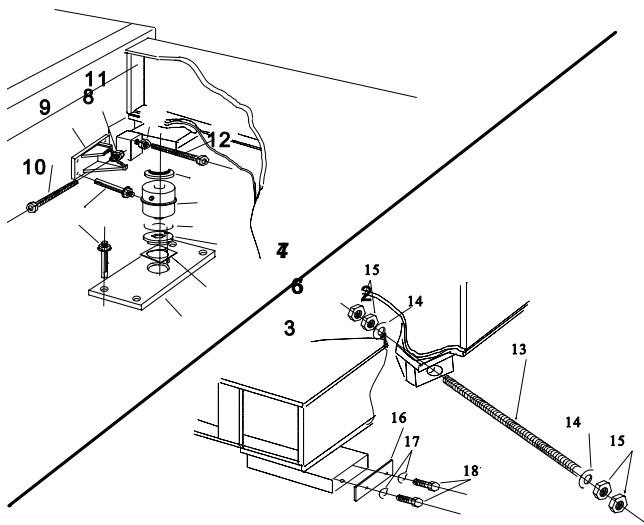
7563 POWERCELL Assembly, Bumpers, and Gap Covers

* Part number may have alpha prefix

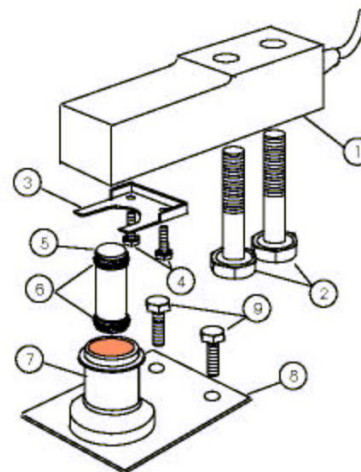
Model 7565

7565 Truck Scale

Ref.	Part Number	Description	Qty
1	TA200836	Base Plate w/ MZ0904000063 Roll Pin	varies
2	MZ0901010349	7/8 - 9 Anchor Bolt X 8" Lg.	4
		(Per Base Plate)	4
3	TA200833-1	Receiver Shim .180"	varies
	TA200833-2	Receiver Shim .060"	varies
	TA200833-3	Receiver Shim .120"	varies
	TA200830	Lower Hex. Receiver	varies
4	MN61016-13	Gasket	varies
5	*14002900A	45t DigiTOL Load Cell (CMOS) Upper Receiver	varies
6	TA200835	Side Bumper Bracket	4
7	TB201498-10	1 1/4 - 7 Side Bumper Bolt X 10" Lg. Gr. 8	4
8	TA200923	1 1/4 - 7 Nut	4
9	MZ0901020068	1 1/2 - 6 End Bumper Bolt X 10" Lg. Gr. 8	4
10	TA201606	1 1/2 - 6 Jam Nut	4
11	MZ0901020064	1 1/2 - 6 Tie Rod X 3' - 0" Lg.	varies
12	MZ0901050005	1 1/2" Washer (Per Tie Rod)	2
13	MZ0901030002	1 1/2" Jam Nut (Per Tie Rod)	4
14	MZ0901020064	Coupler Side Shim .250"	varies
15	TA200719-1	Coupling Side Shim .180"	varies
16	TA200719-2	Coupler Side Shim .125"	varies
	TA200719-3	Coupler Side Shim .062"	varies
17	MZ0901030047	3/8 " Lk. Washer (Per Coupler)	2
18	MZ0901010032	3/8 - 16 Hex. Hd. Bolt X 1" Lg.(Per Coupler)	2
	MZ0602000096	Magnalube-G	
	TA200831	Locating Tool	(Ref.)



7565 Cell Assembly, Tie Rod, And Bumpers

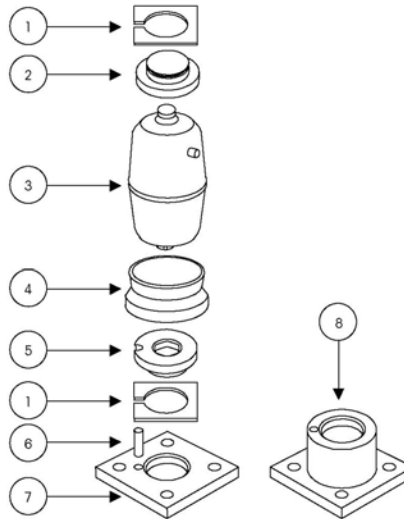


7565 Load Cell and Rocker/Slider Assembly

* Part number may have alpha prefix

7566 Truck Scale Load Cell Assembly

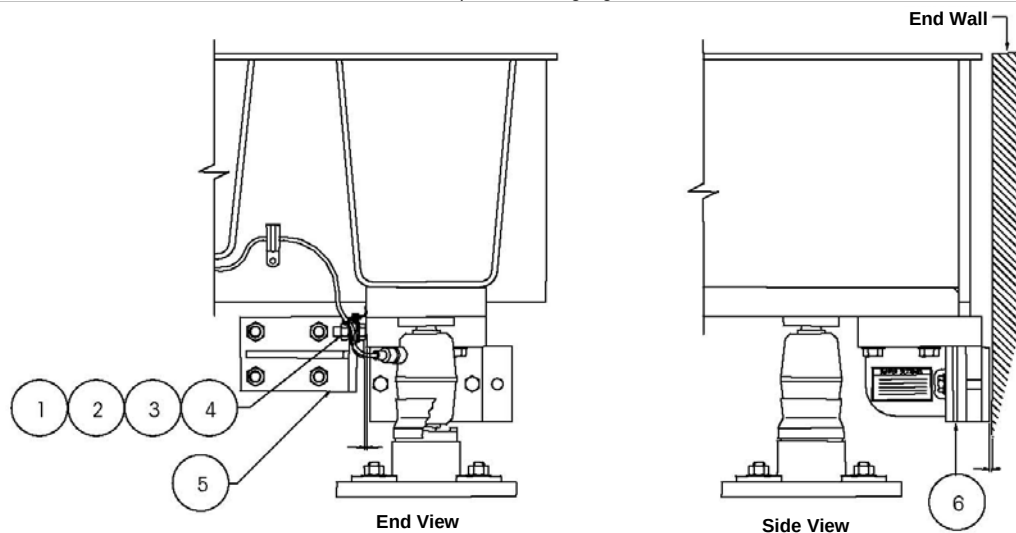
Ref.	Part Number	Description	Qty
1	TA200833-1	Receiver Shim, Slotted, 11 gauge	varies
	TA200833-2	Receiver Shim, Slotted, 16 gauge	
	TA200833-3	Receiver Shim, Slotted, 7 gauge	
2	TA200835	Top Receiver with O-ring	varies
	*15475900A	MTX Load Cell, 45t, H44 10Kd	varies
3	TN203705	MTX Box	varies
4	TA200830	Bottom Receiver	varies
	MZ0904000063	Roll Pin, 1/2 x 1.5" long, SS	varies
5	TA203762	Middle Base Plate	varies
6	TN203765	End Base Plate	Varies



7566 Truck Scale Load Cell Assembly

7566 Truck Scale End of Scale Assembly

Ref.	Part Number	Description	Qty
1	MZ0901030062	5/8 Washer, F436	varies
2	MZ0901010506	5/8-11 Screw x 1.75	varies
	MZ0901020025	5/8 Nut	varies
3	TA200357-1	Side Bumper Shim, Slotted, 11 gauge	varies
	TA200357-2	Side Bumper Shim, Slotted, 16 gauge	
	TA200357-3	Side Bumper Shim, Slotted, 22 gauge	
4	TA203748	Side Bumper Bracket	varies
5	TA203755-2	End Bumper Shim, 11 gauge	Varies
	TA203755-3	End Bumper Shim, 16 gauge	



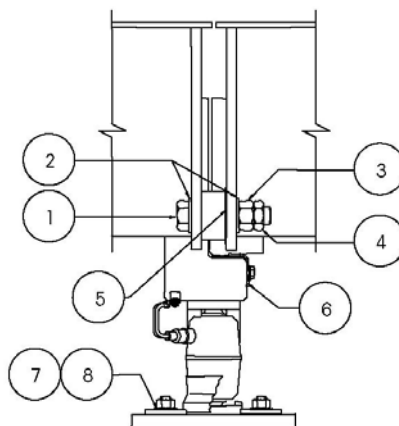
7566 Truck Scale End of Scale Assembly

* Part number may have alpha prefix

Model 7566

7566 Truck Scale Module Connection Assembly

Ref.	Part Number	Description	Qty
1	MZ0901010507	1.25-7 Screw x 6.5	varies
2	MZ0901030015	1.25 Washer	varies
	MZ0901020048	1.25-7 Nut	varies
3	MZ0901020019	1.25-7 Jam Nut	varies
4	TN203743-1	End Plate Shim, 16 gauge	varies
	TN203743-2	End Plate Shim, 11 gauge	
	TN203743-3	End Plate Shim, 0.25 inch	
5	TA203759-1	Coupler Shim, 0.250 inch	Varies
	TA203759-2	Coupler Shim, 11 gauge	
9	TN203216	Anchor Bolt, 3/4-10 x 5.5" long	Varies
7	TN203761	Base Plate Washer	Varies

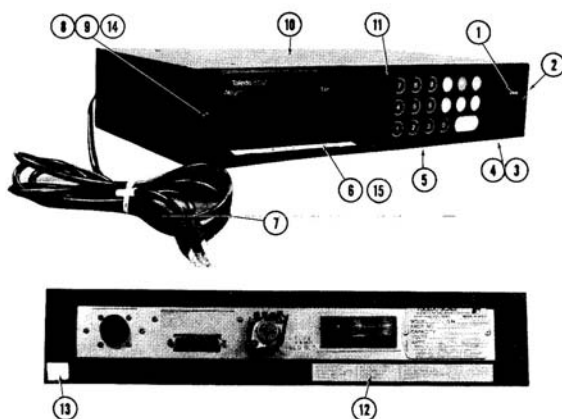


Side View

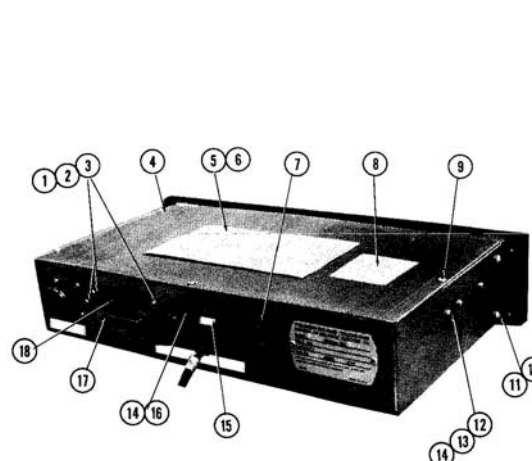
7566 Truck Scale Module Connection Assembly

8132 Front Panel & Cover Assembly (Desk)

Ref.	Part Number	Description	Qty
1	*10987700A	Knob-Kit of Parts	1
2	*10284300A	Lead Seal 7 Wire (N.S)	1
3	03158502A	Bumper Screw (N.S)	4
4	R01611050	Nut 8-32 (N.S)	4
5	*11397100A	FCC Tested Label (On Bottom)	1
6	*10519200A	Capacity Label LB/KG	1
7	*10386700A	Line Cord	1
8	*10857200A	Panel Screw	2
9	R01279020	Retaining Ring	2
10	A09747800A	Outer Cover	1
11	D10854600A	Front Panel	1
12	*11086500A	Warning Label	1
13	*09740500A	U.L. Label (On Rear)	1
14	R0299900A	Speed Nut (N.S.)	2
15	*09385300A	Capacity Label (LB Only)	1



8132 Front Panel and Cover Assembly (Desk)



8132 Miscellaneous Hardware (Desk)

8132 Miscellaneous Hardware (Desk)

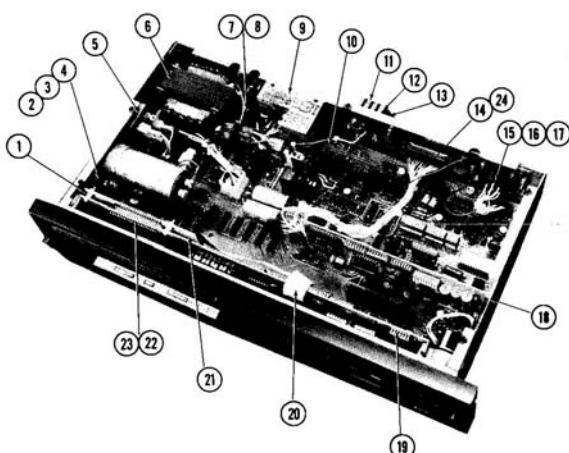
Ref.	Part Number	Description	Qty
1	R01679050	Lockwasher #4	4
2	R01678050	Nut 4-40	4
3	R02101050	Screw 4-40 x 3/8	4
4	C10857800A	Chassis Cover	1
5	*11882300A	Switch Setting Tag	1
6	*09510000A	.6 Amp Fuse	1
7	*11177000A	Static Awareness	1
8	R0309000A	Label	3
9	R02180050	Screw 6-32 x 3/8	4
10	R00589210	Screw 8-32 x 5/16	4
11	R0224500A	Lockwasher #8	1
12	R00813050	Screw 6-32 x 5/8	1
13	R01771050	Nut 6-32	3
14	*1119000A	Lockwasher #6	1
15	R025055130	Fuse Label	2
16	*10856800A	Screw 6-32 x 1/2	1
17	*10540300A	Screw Loc-Kit	1
18	*11881300A	Parallel I/O Cover	1
	Not Shown	Label (Set point)	

* Part number may have alpha prefix

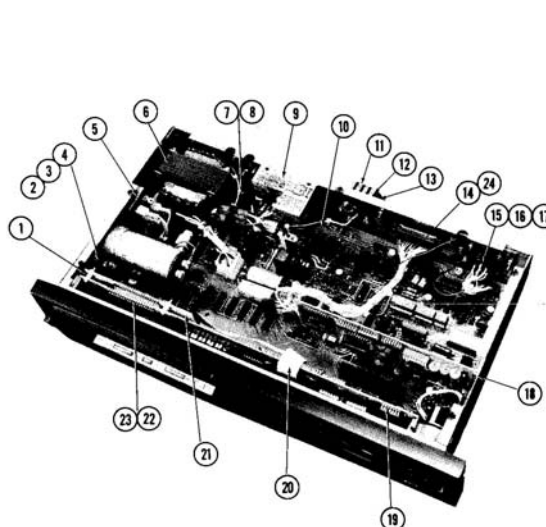
Model 8132

8132 Transformer & Harness Assemblies (Desk)

Ref.	Part Number	Description	Qty
1	*03733100A	Spacer (Rams 2,3)	4
2	R01982050	Screw 4-40 x 5/8 (Rams 2,3)	4
3	R01679050	Lockwasher # 4 (Rams 2,3)	4
4	R01678050	Nut, 4-40 (Rams 2,3)	4
5	*09394300A	Bridge Rectifier	1
6	*10862800A	Transformer Assembly	1
7	R01611050	Nut 8-32	5
8	R00589210	Lockwasher #8	5
9	*10863400A	Line Filter Assembly	1
10	*10863500A	Regulator Harness	1
11	*10493500A	Voltage Regulator	1
12	*09752200A	Heat Sink	1
13	P00549020	Aluminum Insulator	1
14	*10862500A	Serial I/O Harness	1
15	A10863200A	L/C Harness (Rams 1,4)	1
16	B10863100A	L/C Harness (Rams 2,3)	1
17	*11275800A	L/C Harness (Rams 1,4) (RFI Filtered)	1
18	*10252800A	PCB Guide	1
19	A11765300A	Display Board Assembly	2
20	*10862700A	Display Verify Cable (Rams 2,3)	1
21	*10861000A	Display Verify Board (Rams 2,3)	1
22	*10854000A	20 Position Connector (Rams 2,3)	1
23	*11227000A	Connector cover (Rams 2,3)	1
24	*11497400A	RFI Filtered Serial I/O Harness.	1



8132 Transformer & Harness Assemblies (Desk)



8132 Internal Hardware (Desk)

8132 Internal Hardware (Desk)

Ref.	Part Number	Description	Qty.
1	P00686020	Capacitor Clamp	1
2	*10776300A	11000 uf Cap. 15V	1
3	*09592000A	.25 Amp Fuse	p
4	*09291500A	Cable Band	1
5	*10861200A	Analog Verify PCB (Rams 2,3)	1
6	*11535500A	Setpoint PCB (Ram 9) (N.S.)	1
7	*10863500A	Regulator Harness	1
8	A10862400A	Parallel Output Harness (N.S.)	1
9	*11672700A	Setpoint Output Harness	1
10	C10865200A	(N.S.)	1
11	R01859050	Chassis Assembly	4
12	R01611050	Push Rivet	10
13	R00589210	Nut 8-32	5
14	*10864800A	Lockwasher #8	1
15	*11206400A	Fishpaper Insulator	1
16	C10861400A	► Multiple Build PCB (N.S.)	1
17		►► Parallel Output PCB (N.S.)	1
18	R01771050	Main PCB	2
19	R00813050	Lockwasher #6	2
20	R01674050	Nut 6-32	2
	Not Shown	Screw 6-32 x 3/8	

* Part number may have alpha prefix

► Parallel KOP (Desk) 112711, (Wall) 11271200A

►► Multiple Build KOP (151) 11270400A Desk Only

8136 Front Panel And Cover Assemblies (Desk)

Ref.	Part Number	Description	Qty.
	A09747800A	Outer Cover	
	*11211200A	Display Lens (Ram 1)	
	*11211600A	Display Lens (Ram 2)	
	*11215000A	Display Lens (Ram 3)	
	D10854600A	Front Panel	

8136 Power Supply Components, PCB'S (Desk)

Ref.	Part Number	Description	Qty.
	C10865200A	Chassis Assembly	
	*11210700A	Transformer Assembly	
	*141213500A	Serial I/O Harness Assembly	
	*11211100A	Main PCB (Rams 1 & 3)	
	*11211000A	Main PCB (Ram 2)	
	*11212500A	Display PCB (Rams 1 & 3)	
	*11211400A	Display PCB (Ram 2)	
	*11214400A	Bracket	
	*10776300A	11000 uf Cap. 15V	
	*09394300A	Bridge Rectifier	

8136 Miscellaneous Hardware (Desk)

Ref.	Part Number	Description	Qty.
	*10857800A	Cover	
	*11214500A	.5A Slo Blo Fuse (Rams 1 & 3)	
	*09592000A	.25A Slo Blo Fuse (Ram 2)	
	*11118900A	Line Filter Spacer	
	*11212700A	Line Filter Assembly	
	900549020	Aluminum Insulator	
	*10493500A	Voltage Regulator	
	*10540300A	Heat Sink	
	*11213400A	Serial I/O Harness Assembly *	
	*10540300A	Cover	
	*11213400A	Load Cell Harness**	
	*11583300A	Load Cell Harness, RFI Filtered**	

8136 Display PCB and Harnesses (Desk)

Ref.	Part Number	Description	Qty.
	11214400A	Display PCB Bracket (Rams 1,2,3)	
	A10859300A	Display PCB Bracket (Rams 11,12,13)	
	11212500A	Display PCB (Rams 1,2,11,13)	
	11211400A	Display PCB (Rams 2,12)	
	11213600A	12" Harness (Key at 14) Desk (Rams 11,12,13)	
	11211800A	Tare LED	
	A10231200A	Display LED	
	10502600A	LED	
	09744600A	9" Harness (Key at 25) Desk (Rams 1,2,3)	
	11213700A	9" Harness (Key at 25) Desk (Rams 1,2,3)	
	11211900A	21" Harness (Key at 25) Wall (Rams 11,12,13)	

8136 Front Panel and Keyboard (Desk and Wall)

Ref.	Part Number	Description	Qty.
	A10859500A	Keyboard Retainer Bracket	
	*11427500A	Back Board	
	B11375500A	Keypad Assembly*	
	A11212600A	Keyboard Mask (Rams 2 & 12)	
	*11215100A	Keyboard Mask (Rams 3 & 13)	
	A11348600A	Plastic Window	
	*11211200A	Display Lens (Rams 1 & 11)	
	*11211600A	Display Lens (Rams 2 & 12)	
	*11215000A	Display Lens (Rams 3 & 13)	

Note: When ordering a keypad for Rams 2 & 3 you must order a keyboard mask also.

8136 Front Panel and Enclosure Assembly (Wall)

Ref.	Part Number	Description	Qty.
	C10858000A	Enclosure (S.S.)	
	A11212800A	Decorative Bezel	
	D10854600A	Front Panel	
	*11212200A	Display Lens (Ram 11)	
	*11211600A	Display Lens (Ram 12)	
	*11215000A	Display Lens (Ram 13)	

* Part number may have alpha prefix

Model 8136

8136 Power Supply, PCB's and Miscellaneous Hardware

Ref.	Part Number	Description	Qty
	A10859600A	Main Panel	
	*11211100A	Main PCB (Rams 11 & 13)	
	*11211000A	Main PCB (Ram 12)	
	*10864800A	Insulator (Fishpaper)	
	*10776300A	1100 uf Cap. 15V	
	*10858500A	Mounting Bracket	
	*09394300A	Rectifier	
	*11210700A	Transformer Assembly	
	*11116100A	Terminal Cover	
	*09782100A	Terminal Block	
	*11214500A	.5A Slo Blo Fuse (Rams 11 & 13)	
	*09592000A	.25A Slo Blo Fuse (Ram 12)	
	*11118800A	Power Cord (Right Angel)	
	*11212700A	Line Filter Assembly	
	*10493500A	Voltage Regulator	
	R00549020	Aluminum Insulator	
	*09752200A	Heatsink	
	B10858300A	Terminal Strip Bracket	
	*11117900A	Display PCB Support	

8136 Connector Components

Ref.	Part Number	Description	Qty.
	D10858700A	Plate, Bottom	
	A11116000A	Cover Plate	
	11210800A	Serial I/O Harness	
	*11214300A	Serial output Cap.	
	*10985900A	Line Cord	
	P00477020	CGB Connector	
	*11211700A	Load Cell Harness **	
	*11583400A	Load Cell Harness, RFI Filtered	
		*Mating Connector consists of:	
	*11213900A	Connector (25 Pin)	
	*11080300A	Cable Clamp	
	*10718900A	Contact Pin (Pkg. Of 10)	
		** Mating Connector consists of:	
	*09404800A	Connector (7Pin)	
	*09404900A	Clamp	

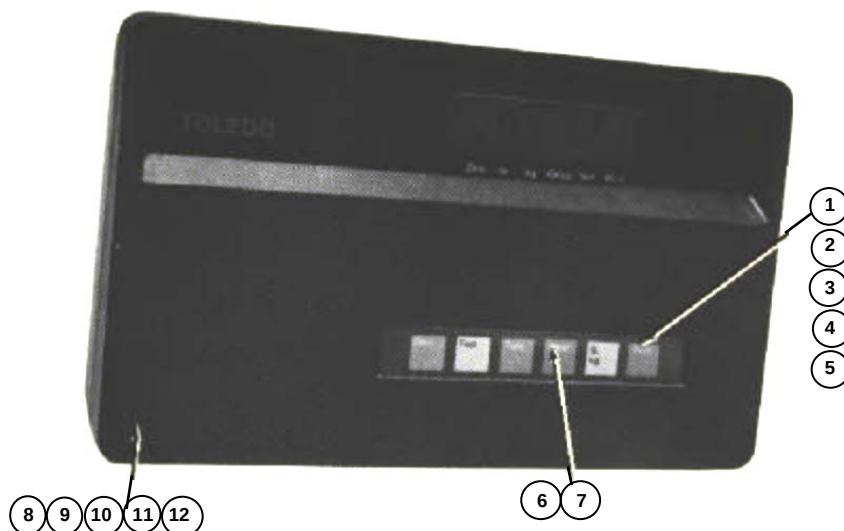
* Part number may have alpha prefix

8139 Front Cover (Plastic Enclosure)

Ref.	Part Number	Description	Qty.
1	B11464800A	Keyboard	1**
2	*11759300A	Insulator Assembly	1
3	*11625800A	Keyboard Clamp	1
4	R01771050	No. 6 Lockwasher	4
5	R01948050	Screw 6-32 x 3/16	4
6	B11465900A	Keyboard Overlay (Rams 1,4,5)	1**
7	*11716200A	Keyboard Overlay (Ram 3)	1**
8	A11466100A	Front Cover Assembly, (Ram 1) (See Note Below)	1
9	C11626000A	RFI Front Cover Assembly, (Ram 2) (See Note Below)	1
10	A11760100A	RFI Front Cover Assembly, (Ram 3) (See Note Below)	1
11	A11761500A	RFI Front Cover Assembly (Ram 4) (See Note Below)	1
12	A11762300A	RFI Front Cover Assembly, (Ram 5) (See Note Below)	1

Note: Keyboard is included in Front Cover Assemblies

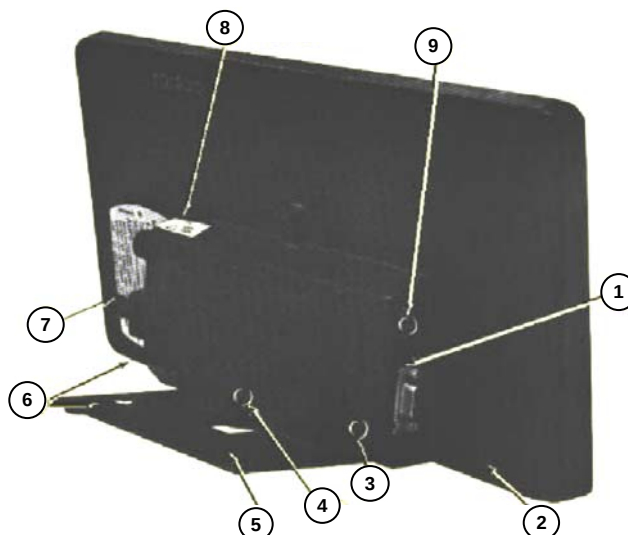
** Keyboard and overlay must be replaced together



8139 Front Cover (Plastic Enclosure)

8139 Miscellaneous Hardware (Plastic Enclosure)

Ref.	Part Number	Description	Qty.
1	*10856800A	Screw Lock It (Rams 2,3,4,5)	1
2	B11397100A	FCC Tested Label (Rams 1,4,) N.S.	1
3	*11759600A	Sponge Cord (Rams 3, 3, 4, 5)	1
4	R0261700A	Screw, No. 10 3/8 Plastic	1
5	*11627700A	Mounting Bracket	1
6	*10839700A	Rubber Foot	4
7	*10386700A	Line Cord (Rams 1,3,4)	1
8	*11625100A	Fuse Decal	1
9	*12562300A	Hole Plug	1



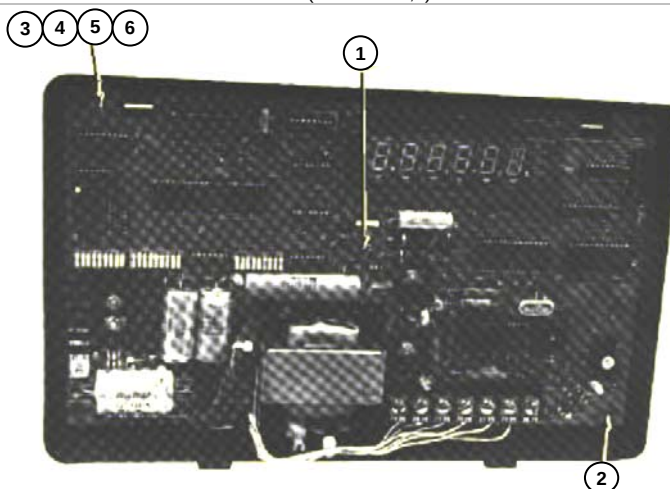
8139 Miscellaneous Hardware (Plastic Enclosure)

* Part number may have alpha prefix

Model 8139

8139 PCB and Mounting Hardware (Plastic Enclosure)

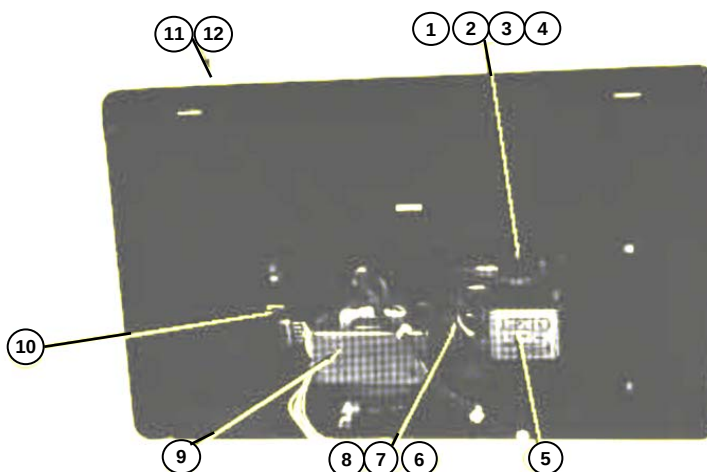
Ref.	Part Number	Description	Qty
1	R0285800A	Screw, No. 6 x 5/16	1
2	*11759100A	Flanged Bushing	4
3	*11717500A	Main PCB (Rams 1,3, 4)	1
4	F11760200A	Main PCB (Ram 2)	1
5	E11762400A	Main PCB (Ram 5)	1
6	A11467300A	B Insulator (Rams 2.3.4.5)	1



8139 PCB and Mounting Hardware (Plastic Enclosure)

8139 Transformer and Harness Assembly (Plastic Enclosure)

Ref.	Part Number	Description	Qty
1	*12480100A	Fuseholder (3AG)	1
2	R01671020	1/2" Lockwasher	1
3	*12483400A	.2A Slo-Blo Fuse (Rams 1.3.4)	1
4	*09591900A	.125 A Slo-Blo Fuse (Rams 2.5)	1
5	*10227600A	Line Filter (Part of 11466000A)	1
6	R00844130	Screw, 8-32 x 3/8	2
7	R00589130	No. 8 Lockwasher	2
8	R01611050	Nut, 8-32	2
9	*11466000A	Transformer Harness Assembly	1
10	A11761200A	Load Cell Harness, RFI (Rams 2.3.4.5)	1
11	A11464600A	Rear Cover (Ram 1)	1
12	*11920600A	Rear Cover, RFI (Rams 2.3.4.5)	1



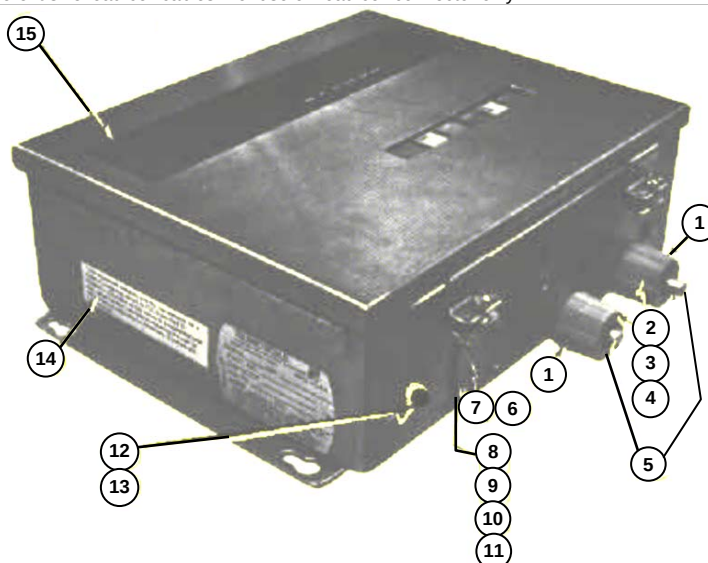
8139 Transformer and Harness Assembly (Plastic Enclosure)

* Part number may have alpha prefix

8139 Miscellaneous Hardware (SS Enclosure)

Ref.	Part Number	Description	Qty
1	A11741900A	Compression Ring and Grommet Kit (NS) (See Note Below)	1
2	*10469900A	"O" Ring Gasket	2
3	*11741700A	Cord Connector	2
4	*11624000A	Sealing Lock Nut	2
5	*11719500A	Line Cord (Rams 11, 12, 13, 14, 15)	1
6	*11758500A	Cover Plate	1
7	A10861600A	Gasket	1
8	R02010020	Screw, 6-32 x 3/8	4
9	R0308600A	No. 6 Nylon Rolled Collar	4
10	R01771050	No. 6 Lockwasher	4
11	R00813050	Nut, 6-32	4
12	R02072020	Screw, 1/4-20 x .375	3
13	R0308900A	1/4 Nylon Rolled Collar	3
14	B11397100A	FCC Tested Label (Rams 11 and 14)	1
15	*11623000A	Bezel	1

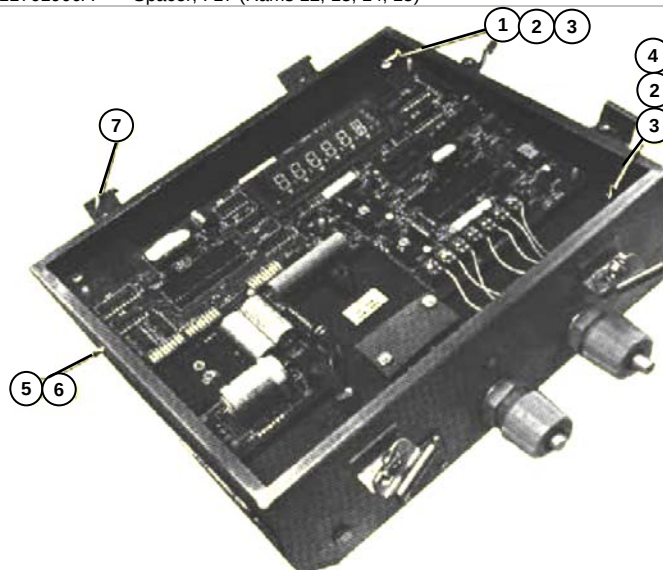
Note: For usage with different size load cell cables. For use on load cell connector only.



8139 Miscellaneous Hardware (SS Enclosure)

8139 Enclosure and Miscellaneous Hardware (SS Enclosure)

Ref.	Part Number	Description	Qty.
1	A11626300A	Upper Standoff, 10-32 x 2.50	2
2	R00512050	Screw, 10-32 x 3/8	4
3	R0082200A	No. 10 Lockwasher	4
4	A11466600A	Lower Standoff, 10-32 x 1.75	2
5	B11466500A	Enclosure Wall mount (Ram 11)	1
6	B11466500B	RFI Enclosure Wall Mount (Rams 12, 13, 14, 15)	1
7	*011761900A	Spacer, .17 (Rams 12, 13, 14, 15)	6



8139 Enclosure and Miscellaneous Hardware (SS Enclosure)

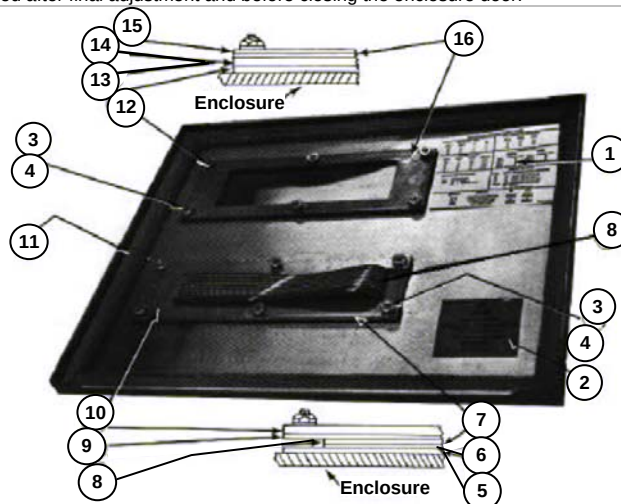
* Part number may have an alpha prefix

Model 8139

8139 Keyboard and Display (SS Enclosure)

Ref.	Part Number	Description	Qty
1	A11465800A	Program Switch Decal	1
2	*11177000A	Static Caution Decal	1
3	R00589130	No. 8 Lockwasher	12
4	R01611050	Nut, 8-32	1
5	*11466700A	Keyboard Window (Adhesive side toward door)	1
6	*11716200A	Keyboard Overlay (Ram 13)	1
7	B11465900A	Keyboard Overlay (Rams 11,14,15)	1
8	*12711500A	Keyboard Assembly (must still order overlay)	1
9	*11466800A	Keyboard Spacer	1
10	*11466900A	Keyboard Backplate	1
11	*11825100A	Sealing Compound (See Note Below)	*
12	*11467100A	Display Lens Gasket	1
13	A11465400A	Display Lens (Rams 11,14)	1
14	A11716400A	Display Lens (Rams 13)	1
15	*11467200A	Display Backplate	1
16	*11919800A	Conductive Window	1

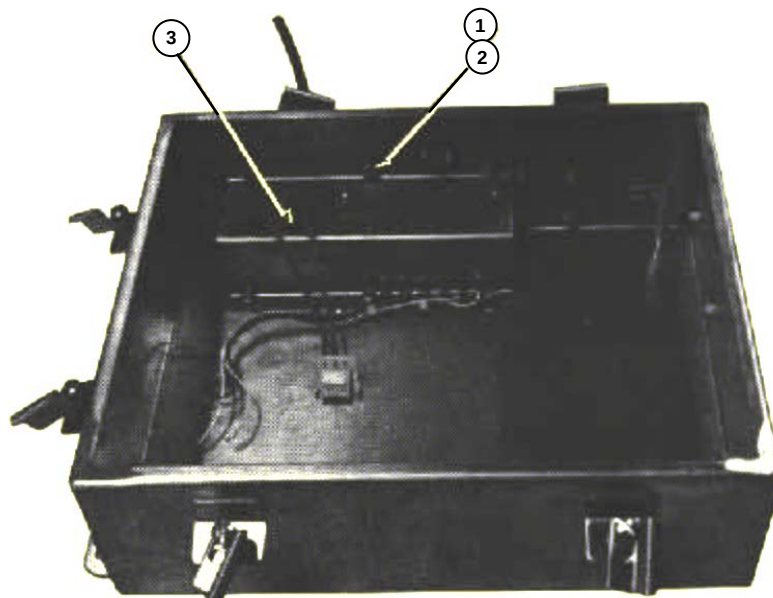
Note: Sufficient amount, applied after final adjustment and before closing the enclosure door.



8139 Keyboard and Display (SS Enclosure)

8139 RFI Filter Assembly (SS Enclosure)

Ref.	Part Number	Description	Qty
1	R00813050	No. 6 Lockwasher (Rams 12, 13, 14, 15)	6
2	R01771050	Nut, 6-32 (Rams 12, 13, 14, 15)	6
3	*11921400A	EMI Box Assembly (Rams 12, 13, 14, 15)	1

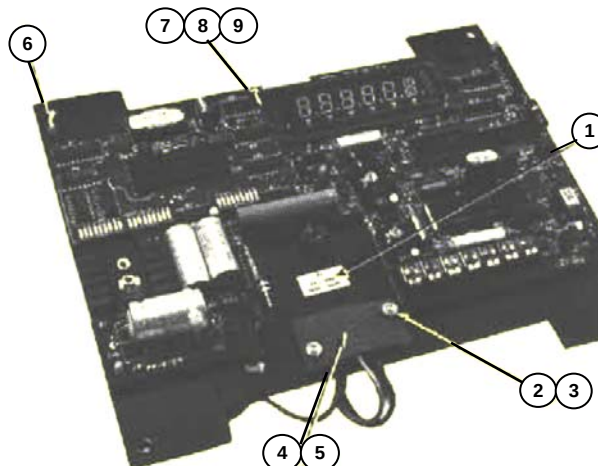


8139 RFI Filter Assembly (SS Enclosure)

* Part number may have alpha prefix

8139 PCB and Plate (SS Enclosure)

Ref.	Part Number	Description	Qty
1	*11625100A	Fuse Label	1
2	R00813050	Nut, 6-32	4
3	R0299600A	Screw, 6-32 x 2/4	2
4	09782100A	Terminal Block	1
5	*11116100A	Terminal Block Cover	1
6	*11135300A	PCB Standoff	5
7	*11717500A	Main PCB (Rams 11,13, 14)	1
8	F11760200A	Main PCB (Rams 12)	1
9	E11762400A	Main PCB (Ram 15)	1

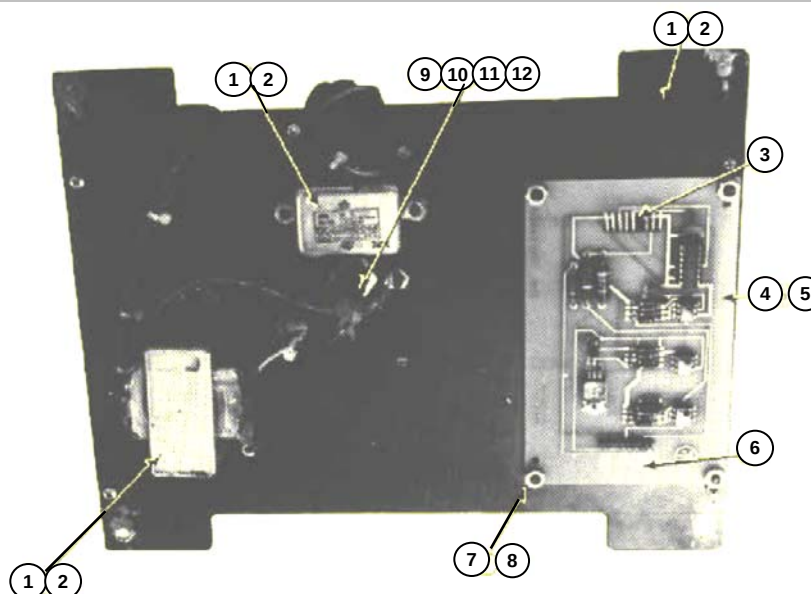


8139 PCB and Plate (SS Enclosure)

8139 Transformer Assembly (SS Enclosure)

Ref.	Part Number	Description	Qty
1	A11720900A	Wired Chassis Plate Assembly (Ram 11 only) (See Note Below)	1
2	*11921300A	Wired chassis Plate Assembly (Rams 12- 15) (See Note Below)	1
3	*11624600A	Input Harness (20 mA)	1
4	*11465700A	Serial I/O PCB (20 mA)	1
5	*116233 004	PCB Insulator	1
6	A11624500A	Output harness (20 mA)	1
7	R01611050	Nut, 8-32	8
8	R00589130	No. 8 Lockwasher	4
9	*12483400A	.2A Slo Blo Fuse (Rams 11, 13, 14)	1
10	*09591900A	.125A Slo Blo Fuse (Rams 12, 15)	1
11	*12480100A	Fuse Holder	1
12	*11922400A	Spacer	1

Note: The Transformer and Line Filter Components are not separate field replaceable items. Use the Wired Chassis Plate Assembly, instead.



8139 Transformer Assembly (SS Enclosure)

* Part number may have alpha prefix

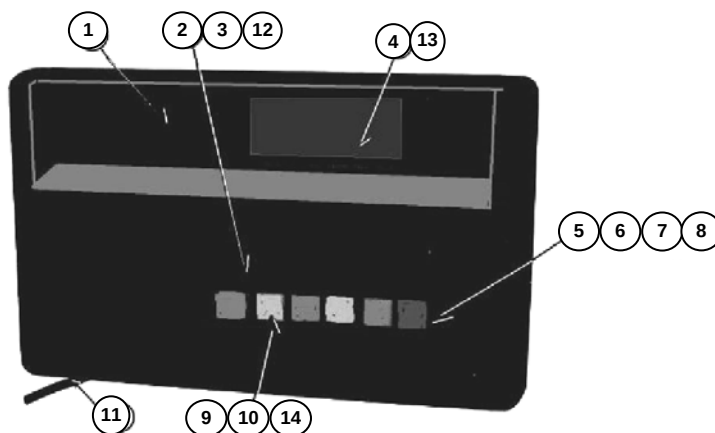
Model 8140

8140 Front Cover (Plastic Enclosure)

Ref.	Part Number	Description	Qty.
1	*11603300A	Static Warning Label (Located Inside of Front Cover)	1
2	A11464700A	Front Cover (Rams 1, 2, 1001 **, 1002**, 1006** and 1009**)	1
3	*11760900A	Front Cover (Rams 4, 8, 1001 and 1004)	1
4	C11465500A	Display Lens (Rams 1, 4, 1001, 1004, 1006)	1
5	R01948050	Screw 6-32 x 3/16 (N.S.)	4
6	R01771050	Lockwasher #6 (N.S.)	4
7	*11625800A	Keyboard Clamp (N.S.)	1
8	*11759300A	Keyboard Insulator (N.S.)	1
9	A12563400A	Keyboard Assembly (Rams 1,4, 1001, 1004, 1006)	1
10	A12425200A	Keyboard Switch (Rams 2, 8, 1002, 1009, 1009)	1
11	*10386700A	Power Cord	1
12	A12280000A	Front Cover Assembly (RFI)***	As Required
13	B11716100A	Display Lens (Ram 1009)	1
14	*11716200A	Keyboard Overlay (Ram 1009)	1

** - In order to use the A11464600A front cover, the keyboard assembly used MUST be A12463400A.

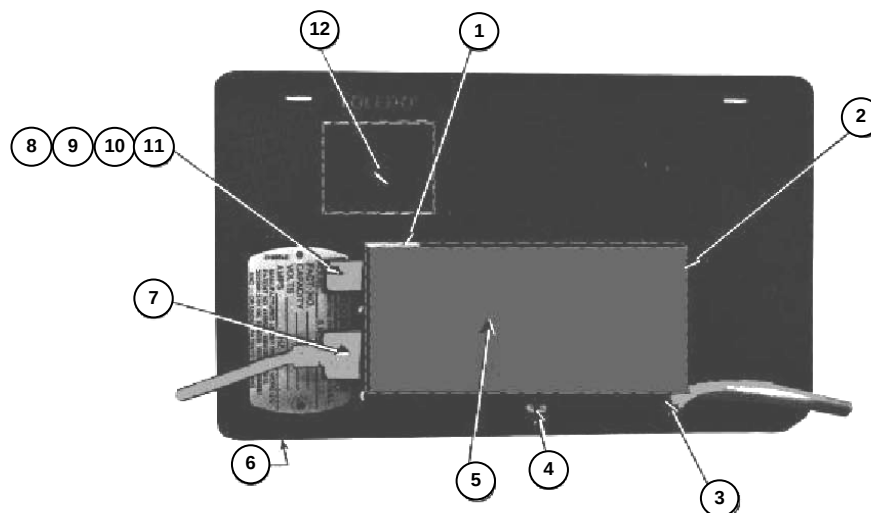
*** - If display window is damaged, replace the entire Front Cover Assembly.



8140 Front Cover (Plastic Enclosure)

8140 Miscellaneous Hardware (Plastic Enclosure)

Ref.	Part Number	Description	Qty.
1	*11625100A	Fuse Label	1
2	*12562300A	Hole Plug (Not Shown) (Rams 1, 2, 1001, 1002, 1006 and 1009)	1
3	*11759600A	Sponge Cord (Rams 4, 8, 1004) (N.S.)	1
4	R0261700A	Screw 10-32 x 3/8	1
5	*11627700	Mounting Bracket	1
6	A10839700A	Rubber Foot	4
7	*10386700A	Power Cord	1
8	*12480100A	Fuse Holder	1
9	R01671020	Lockwasher (Not Shown)	1
10	*12483400A	Fuse .2A Slo-Blo (Rams 1, 4, 1001, 1004 1006 and 1009) (Not Shown)	1
11	*09591900A	Fuse 1/8A Slo-Blo (Rams 2, 8, 1002) (N.S.)	1
12	A11879200A	Service Warning Label	1

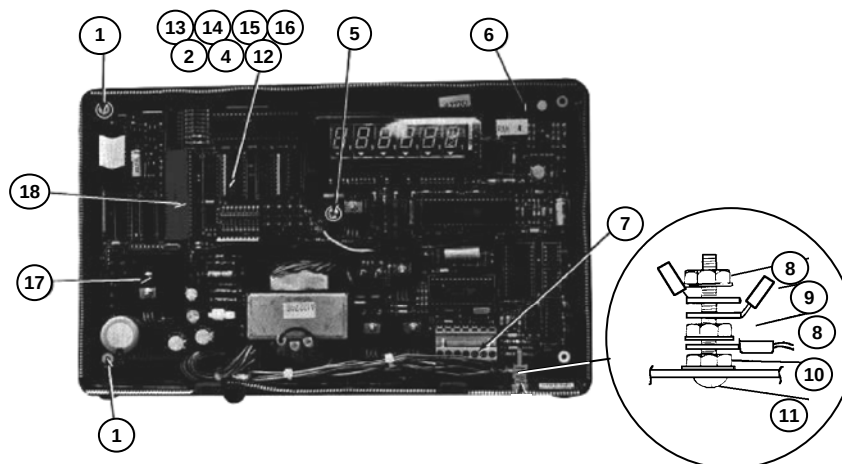


8140 Miscellaneous Hardware (Plastic Enclosure)

* Part number may have an alpha prefix

8140 PCB and Mounting Hardware (Plastic Enclosure)

Ref.	Part Number	Description	Qty
1	*11759100A	Plastic Retainer	4
2	B12275100A	Main PCB (Ram 1)	1
4	B12563200A	Main PCB (Ram 2)	1
5	R0322500A	Screw 6 x 1/4" Plastite	1
6	A11467300A	PCB Insulator	1
7	*11924100A	Terminal Block	1
8	R0329800A	Nut 8-32	2
9	*12471400A	Ring Terminal #8	2
10	R0355600A	Nut 8-32	1
11	R0355100A	Screw 8-32 x 1	1
12	B12563500A	Main PCB (Ram 4)	1
13	C12665900A	Main PCB (Rams 1001, 1002, 1004, 1009)	1
14	B1266000A	Main PCB (Ram 1002) Note: This PCB has been replaced by the C12665900A	1
15	B12666200A	Main PCB (Ram 1006)	1
16	B12709500A	Main PCB (Ram 8)	1
17	*12673000A	Plastic Hex Post (Not Shown)	1
18	*12963000A	PCB Shield (RFI) (Not Shown)	1



8140 PCB and Mounting Hardware (Plastic Enclosure)

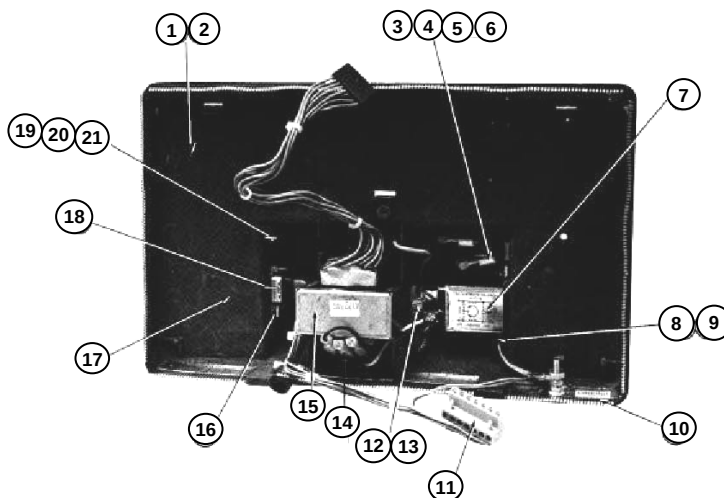
* Part number may have an alpha prefix

Model 8140

8140 Transformer And Harness Assembly (Plastic Enclosure)

Ref.	Part Number	Description	Qty
1	C12424600A	Rear Cover (Rams 1, 2, 1001, 1002, 1006 and 1009)	1
2	B12426900A	Rear Cover (Rams 4, 8 and 1004)**	1
3	*12480100A	Fuse Holder	1
4	R01671020	Lockwasher	1
5	*12483400A	Fuse .2A Slo-Blo (Rams 1, 4, 1001, 1004, 1006 and 1009) (N.S.)	1
6	*09591900A	Fuse 1/8A Slo-Blo (Rams 2, 8, 1002 and 1009) (N.S.)	1
7	*12424400A	Line Filter	1
8	R0313200A	Screw, 6-32 x 7/16 (N.S.)	2
9	R0339100A	Speed Nut, 8-32	2
10	*12138800A	Ground Label	1
11	*11924100A	Terminal Block	1
12	R00845 130	Screw, 8-32 x 3/8	2
13	R0329800A	Nut, 8-32	2
14	*10515500A	Insulated Terminal	2
15	B12274600A	Transformer Assembly (includes the transformer, line filter and their harnesses)	1
	*11922500A	Transformer ONLY	1
16	*10856800A	Standoff Assembly (Rams 4, 8 and 1004)	1
17	*154360	Tape Embossed copper (Rams 4, 8 and 1004)	Suff.
18	C12426800A	Loadcell Harness (Rams 4, 8 and 1004)	1
19	A12614000A	Mounting Plate (Rams 4, 8, 1004) (N.S.)	1
20	A12614500A	Cover Plate (Rams 4, 8, 1004) (N.S.)	2
21	R0334800A	Screw 6-32 x 3/8 (Rams 4, 8, 1004) (N.S.)	

Note: This cover (with copper fingers) has been replaced by both a C124246 00B cover and *12963000A PCB shield.
With key in pin 6, *13312500A.



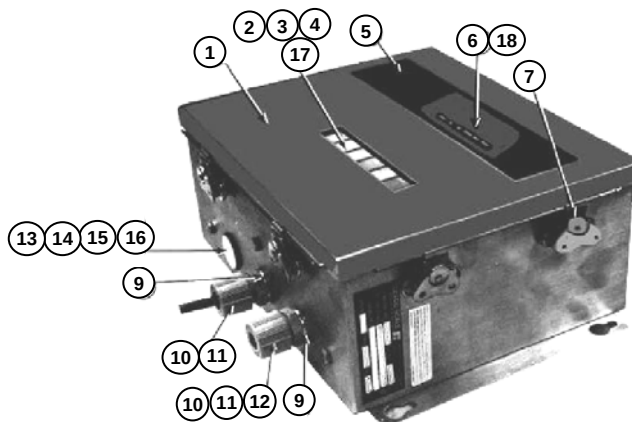
8140 Transformer And Harness Assembly (Plastic Enclosure)

* Part number may have an alpha prefix

8140 Enclosure and Miscellaneous Hardware (SS Enclosure)

Ref.	Part Number	Description	Qty
1	*12710100A	Enclosure	1
2	*11466700A	Clear Window	1
3	A12711400A	Keyboard Assb (Rams 11, 14, 1011, 1014 and 1016) (See Note Below)	1
4	A12711300A	Keyboard Switch (Rams 12, 1012 and 1019)	1
5	*1162300A	Decorative Bezel	1
6	A11465400A	Display Lens (Rams 11, 14, 1011, 1014 and 1016)	1
7	*11825100A	Food Grad Lubricant/ Sealant (Not Shown)	1
8	R0356200A	Screw, 1/4-20 x 3/8	3
9	*10469900A	"O" Ring Gasket	2
10	*11741700A	Sealing Connector	2
11	*1624000A	Locknut (N.S.)	2
12	A11741900A	Ring and Grommet Kit (Not Shown)	1
13	*12408600A	Curved Disk (Not Shown)	1
14	A12408700A	Disk Assembly	1
15	*12408900A	Grommet	1
16	R0329800A	Nut 8-32 (Not Shown)	1
17	*11716200A	Keyboard Overlay (Ram 1019)	1
18	A11716400A	Display Lens (Ram 1019)	1

Note: Keyboard assembly contains Keyboard and Overlay



8140 Enclosure and Miscellaneous Hardware (SS Enclosure)

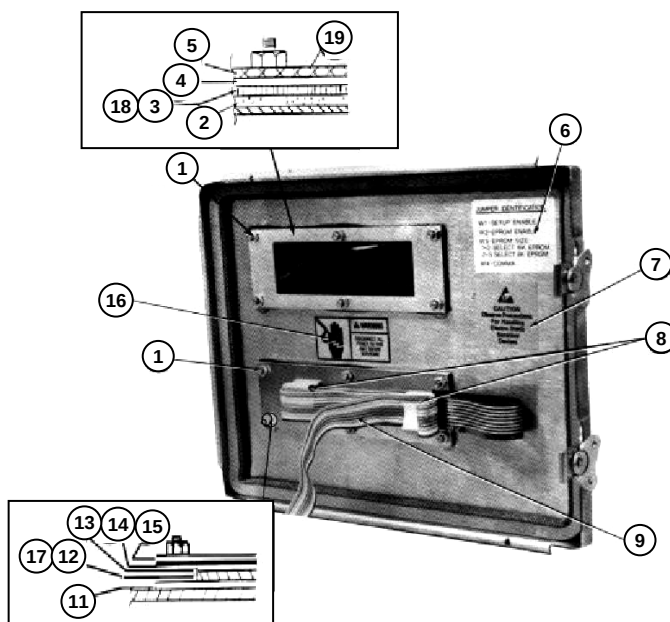
* Part number may have an alpha prefix

Model 8140

8140 Keyboard And Display (Plastic Enclosure)

Ref.	Part Number	Description	Qty.
1	R0329800A	Nut, 8-32	1
2	*11467100A	Display Gasket	2
3	A11465400A	Display Lens Rams 11, 14, 10011, 1014 and 1016)	1
4	*11919800A	Conductive Window (Rams 14 and 1014)	1
5	*11467200A	Display Lens Clamp	1
6	*12280500A	Jumper Description Label	1
7	*11603300A	Static Caution Label	Not Available
8	*11285500A	Plastic Clamp	1
9	*12347300A	Extension Harness (See Note Below)	2
10	—	Gasket (Not Available Separately)	—
11	*11466700A	Clear Window	1
12	A12711400A	Keyboard Assb (Rams 11, 14, 1011, 1014, and 1016)	1
13	A12711300A	Keyboard Switch (Rams 12, 1012 and 1019)	1
14	*11466800A	Keyboard Spacer	1
15	*11466900A	Backer Plate	1
16	A12237300A	Power Warning Label	1
17	*11716200A	Keyboard Overlay (Ram 1019)	1
18	A11716400A	Display Lens (Ram 1019)	1
19	A12615000A	Conductive Window (Ram 1014)	1

Note: This harness is not required when using the keyboard assembly 12711400A. The tail has been lengthened from 6" to 12".



8140 Keyboard And Display (Plastic Enclosure)

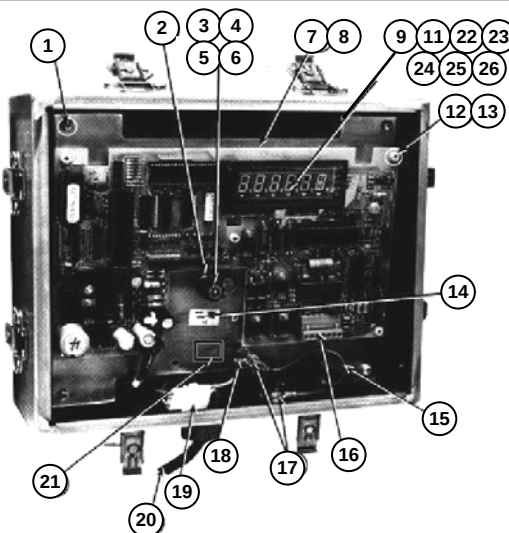
* Part number may have alpha prefix

8140 PCB and Plate (SS Enclosure)

Ref.	Part Number	Description	Qty
1	R01347050	SEMS Fastener	4
2	*11922400A	Spacer (This spacer has been removed on newer units)	1
3	*12480100A	Fuse Holder	1
4	R01671020	Lockwasher (N.S.)	1
5	*12483400A	Fuse .2A Slo-Blo (Rams 11, 14, 1011, 1014, 1019 and 1016) (N.S.)	1
6	*09591900A	Fuse 1/8A Slo-Blo (Rams 12, 17, 1019) and 1012) (N.S.)	1
7	B12274900A	Center Plate Assembly (Rams 11, 12, 17, 1011, 1012, 1016 and 1019)*	1
8	B12275000A	Center Plate Assembly (Rams 14 and 1014) (see Note 1 Below)	1
9	B12275100A	Main PCB (Ram 11)	1
11	B12563200A	Main PCB (Ram 12)	1
12	R00845 130	Screw 8-32 (N.S.)	4
13	*10843200A	Nylon Nut 8-32	9
14	*11625100A	Fuse Decal	1
15	*12426600A	Ground Strap	1
16	*11924100A	Terminal Strip	1
17	R0329800A	Nut 8-32	3
18	*12471400A	Ring Terminal (Rams 11, 12, 17, 1011 and 1012)	2
19	*12466800A	3 Pin Jack	1
20	*10716400A	Power Cord	1
21	*12426500A	Ground Label (Rams 11, 12, 17, 1011 and 1012 (N.S.)	1
22	B12563500A	Main PCB (Ram 14)	1
23	C12665900A	Main PCB (Rams 1011, 1012, 1014, 1019)	As Required
24	B12666000A	Main PCB (Ram 1012) This PCB has been replaced with the C12665900A PCB	As Required
25	B12666200A	Main PCB (Ram 1016)	As Required
26	B12709500A	Main PCB (Ram 17)	As Required

Note 1: Transformer, fuseholder, line filter and harness included.

Note 2: Transformer, fuseholder and harness included.



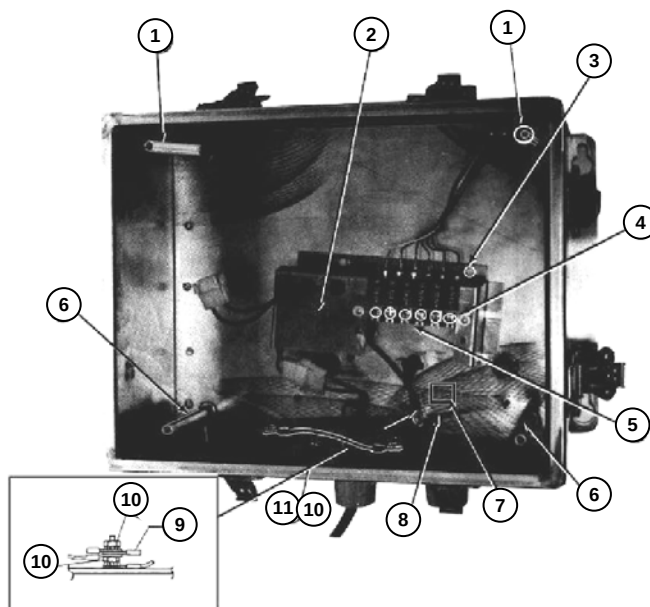
8140 PCB and Plate (SS Enclosure)

* Part number may have an alpha prefix

Model 8140

8140 RFI Filter Assembly (SS Enclosure)

Ref.	Part Number	Description	Qty
1	*12425000A	Long Standoff (3.88")	2
2	A12425500A	RFI Filter Assembly (Rams 14 and 1014)	1
3	R0328300A	Nut, 6-32 (Rams 14 and 1014) (N.S.)	4
4	R0357900A	Screw, 8-32 x 5/16 (Rams 14 and 1014) (Not Shown)	2
5	*12425700A	Metal Cover (Rams 14, and 1014) (Not Shown)	1
6	*12282100A	Short Standoff (2.94")	2
7	*12426500A	Ground Label (Rams 14 and 1014)	1
8	*11711300A	Chassis Ground Label (Rams 11, 12, 14, 1011, 1012, 1014 and 1015)	1
9	*12471400A	Ring Terminal (Rams 14 and 1014)	2
10	R0329800A	Nut 8-32 (Rams 14 and 1014)	4
11	*12426600A	Ground Wire	1

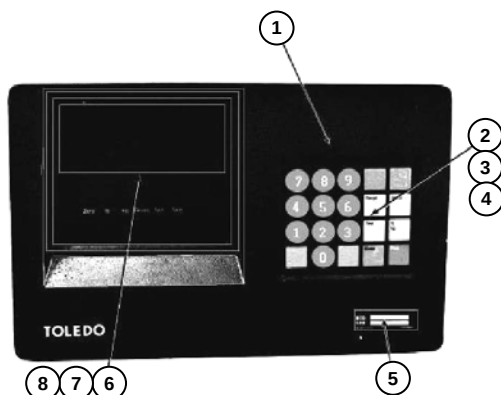


8140 RFI Filter Assembly (SS Enclosure)

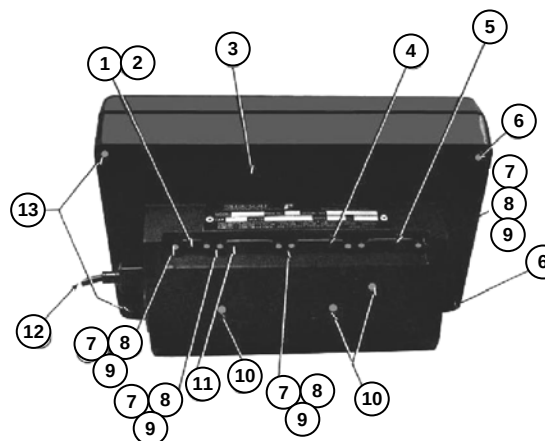
* Part number may have alpha prefix

8142 Desk Unit Form Cover and Keyboard

Ref.	Part Number	Description	Qty.
1	A11748500A	Front Cover	1
2	*12582100A	Keyboard Assembly (Single Display)	As Required
3	*12582200A	Keyboard Assembly (Dual Display)	As Required
4	*12582300A	Keyboard Assembly (Dual Display Advanced)	As Required
5	*11991400A	Data Label	1
6	B11749100A	Display Lens (Single Display)	As Required
7	B11749200A	Display Lens (Dual Display)	As Required
8	B11992500A	Display Lens (Dual Display Advanced)	As Required



8142 Desk Unit Form Cover and Keyboard



8142 Desk Unit Rear Cover

8142 Desk Unit Rear Cover

Ref.	Part Number	Description	Qty.
1	B12164800A	Load Cell Harness	
	*13312500A	With Key (Rams 0XX8, 9, 2XX8, 9)	
2	*12585100A	Load Cell Harness (RFI Filtered)	
3	B11748600A	Rear Cover	
4	A12165100A	Harness, Printer	
5	A12165900A	Setpoint Harness (Dual Display Advanced)	
6	A12413600A	Sealing Screw	
7	*12536500A	Standoff	
8	R0254700A	Lockwasher #4	
9	R0330500A	Nut 4-40	
10	R0362100A	Screw #6-32 x 3/4	
11	*11238800C	Cover Plate (Not Shown)	
12	*10944500A	Power Cord	
13	R0355700A	Screw 8-32 x 2-1/2"	

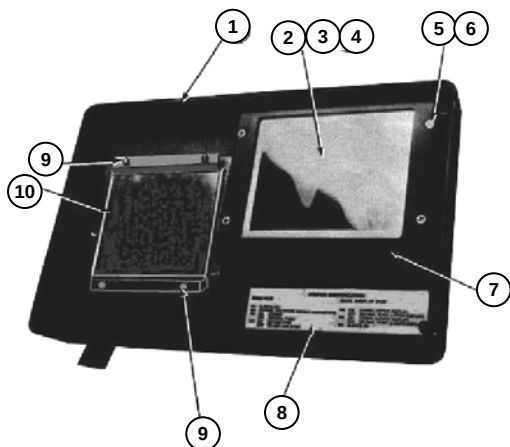
* Part number may have alpha prefix

Model 8142

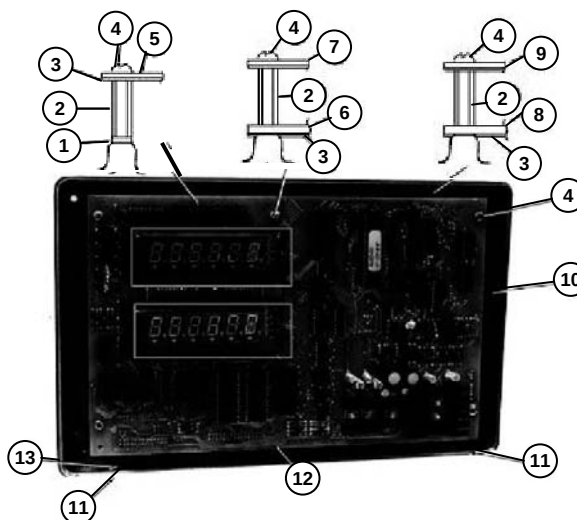
8142 Desk Unit Inside Front Cover

Ref.	Part Number	Description	Qty
1	*11603300A	Static Caution Label	1
2	*12587000A	Conductive Window (See Note Below)	1
3	A12586900A	Conductive Seal (See Note Below)	1
4	B12166100A	Clear Protective Lens (See Note Below)	1
5	R01771050	Lock Washer #6	4
6	R0223600A	Screw, #6-32 x 3/8"	4
7	*12580900A	Display Window Clamp	1
8	*12346600A	Jumper Description Decal	1
9	R0368900A	Screw #6-32 x 1/4"	4
10	A11879200A	Warning Decal	1

Note: The Conductive Seal MUST be replaced when replacing either the Display Lens or the Conductive Lens.



8142 Desk Unit Inside Front Cover



8142 Desk Unit PCB and Miscellaneous Hardware

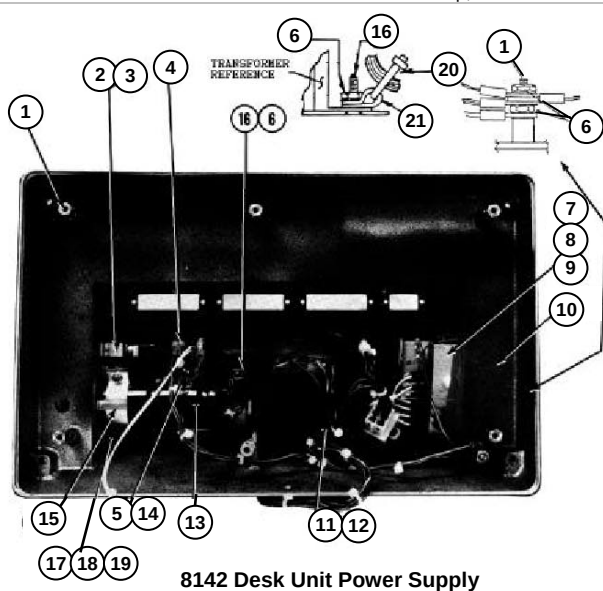
8142 Desk Unit PCB and Miscellaneous Hardware

Ref.	Part Number	Description	Qty
1	*015383050	Washer	6
2	A12350100A	Standoff 1.25"	6
3	A12346300A	PCB Insulator	1
4	R01183050	Screw 8-32 x 1/4"	6
5	*11702200A	Main PCB (Single Display)	AR
5A	*12646400A	Main PCB (Single Display)	AR
5B	*12889400A	Main PCB (Single Display), Ram XXX7	AR
5C	*12537800A	Main PCB (Single Display) (HAP ONLY)	AR
5D	*12648800A	Main PCB (Single Display) (HAP ONLY)	AR
5E	*13200000A	Main PCB (Single Display), Ram XXX7 (HAP ONLY)	AR
6	*12584700A	Main PCB (Dual Display)	AR
6A	*12646600A	Main PCB (Dual Display)	AR
6B	*12538100A	Main PCB (Dual Display)	AR
6C	*12889700A	Main PCB (Dual Display), Ram XXX8	AR
6D	*12649000A	Main PCB (Dual Display) (HAP ONLY)	AR
6E	*13200100A	Main PCB (Dual Display), Ram XXX8*	AR
7	*12584500A	Main PCB (Dual Display)	AR
8	*12584500A	Main PCB (Dual Display Advanced)	AR
8A	*12646700A	Main PCB (Dual Display Advanced)	AR
8B	*12890000A	Main PCB (Dual Display Advanced), Ram XXX9	AR
8C	*12538000A	Main PCB (Dual Display Advanced) (HAP ONLY)	AR
8D	*12649100A	Main PCB (Dual Display Advanced) (HAP ONLY)	AR
8E	*13200200A	Main PCB (Dual Display Advanced), Ram XXX9 (HAP ONLY)	AR
9	*12585400A	Dual-Advanced PCB (Dual Display Advanced)	AR
10	*12538300A	Set-up Ext. Harness (Dual Display & Dual Display Advanced)	AR
11	*10839700A	Foot	4
12	*12165400A	Data Harness (Dual Display & Dual Display Advanced)	1
13	A12165900A	Setpoint - Remote Gross - Tare Harness (Dual Display Advanced)	1

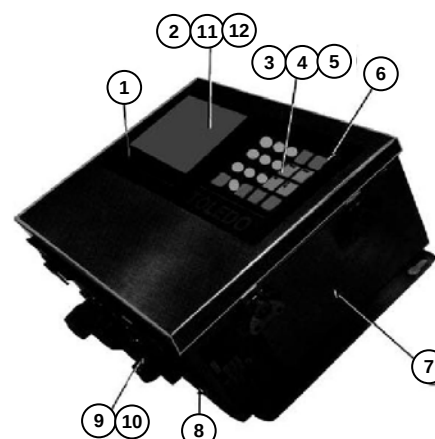
* Part number may have alpha prefix

8142 Desk Unit Power Supply

Ref.	Part Number	Description	Qty
1	R0368800A	Set Screw (Not Shown)	6
2	A12165000A	Zero Switch Harness	1
3	R0362500A	Screw 4-40 x 1/4"	2
4	*09394300A	Bridge Rectifier 25A*	1
5	R0362100A	Screw 6-32 x 3/4"	1
6	R0329800A	Nut 8-32	4
7	*12410500A	Line Filter Assembly	1
8	*09592000A	Fuse .25 Amp S.B., Rams 0X1X, 0X2X	As Required
9	*11214500A	Fuse .5 Amp S.B., Rams 0X0X	As Required
10	*11911300A	Chassis Ground Decal	1
11	*12164600A	Trfrm. & Harness Assembly (Single Display)	As Required
12	*12164700A	Trfrm. & Harness Assembly (Dual Display & Dual Display Advanced)	As Required
13	*12164300A	Capacitor 30,000 µfd.	1
14	R0328300A	Nut 6-32	1
15	*12483500A	Capacitor Clamp	1
16	R00861050	Screw, #8-32 x 3/4" PH FH	2
17	R03710050	Screw, #6-32 x 3/8" PH RD HD	2
18	R01771050	Washer, #6 I.T. Lock	2
19	R0081300A	Nut, #6-32 Hex	2
20	*09827100A	Band Clamp, 7.7"	1
21	*12476400A	Cable Clamp, 1/4"	1



8142 Desk Unit Power Supply



8142 Wall Unit Desk Enclosure Door and Keyboard

8142 Wall Unit Desk Enclosure Door and Keyboard

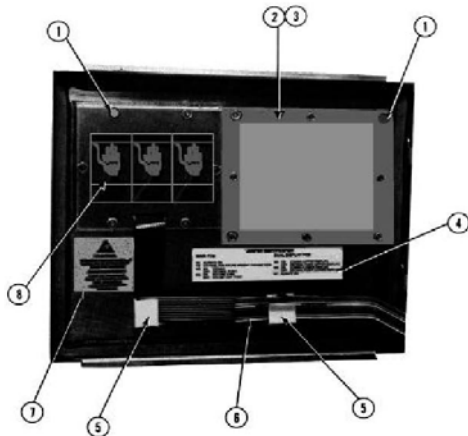
Ref.	Part Number	Description	Qty.
1	B12166600A	Decorative Bezel	1
2	B12166100A	Clear Display Lens (See Note Below)	1
3	*12582400A	Keyboard Assembly (Single Display)	As Required
4	*12582500A	Keyboard Assembly (Dual Display)	As Required
5	*12582600A	Keyboard Assembly (Dual Display Advanced)	As Required
6	A12166400A	Keyboard Gasket	1
7	E12167000A	Enclosure	1
8	R0356200A	Screw 1/4-20 x 3/8"	3
9	A12165600A	Load Cell Harness	1
10	*12586100A	Load Cell Harness (RFI Filtered)	As Required
11	*12587100A	Conductive Window (See Note Below)	1
12	*12587300A	Conductive Seal (See Note Below)	1

* Part number may have alpha prefix

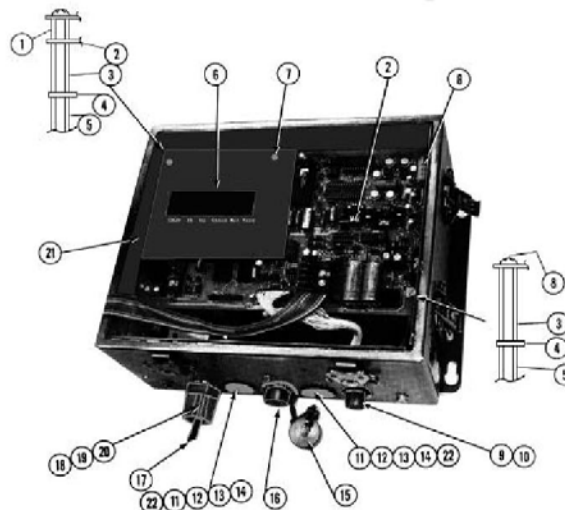
Model 8142

8142 Wall Unit Inside Enclosure Door

Ref.	Part Number	Description	Qty
1	R0329800A	Nut 8-12	14
2	A12166200A	Display Gasket	1
3	*12253900A	Display Bracket	1
4	*12346600A	Jumper Description Decal	1
5	*11285500A	Cable Clamp	2
6	*12347300A	Keyboard Extension Harness	1
7	*11603300A	Static Caution Label	1
8	A11879200A	Warning Decal	1



8142 Wall Unit Inside Enclosure Door



8142 Wall Single Display PCB's and Miscellaneous Hardware

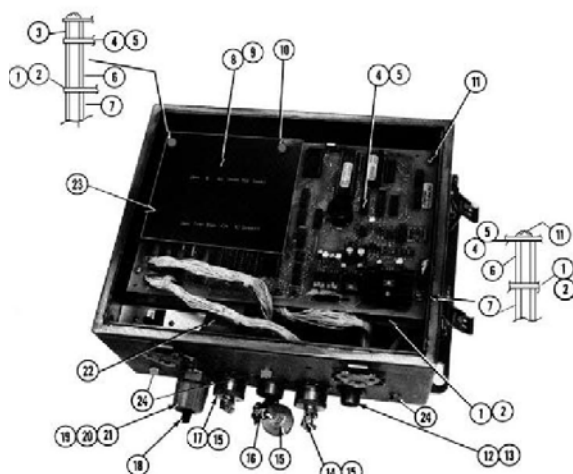
8142 Wall Unit Single Display PCB's and Miscellaneous Hardware

Ref.	Part Number	Description	Qty
1	*12256600A	Standoff - .0438"	2
2	*11702200A	Main PCB (Single Display)	1
2A	*12646400A	Main PCB (Single Display)	1
2B	*12889400A	Main PCB (Single Display), Ram XXX7	1
2C	*12537800A	Main PCB (Single Display) (HAP ONLY)	1
2D	*12648800A	Main PCB (Single Display) (HAP ONLY)	1
2E	*13200000A	Main PCB (Single Display), Ram XXX7 (HAP ONLY)	1
3	*12256700A	Standoff - 1.125"	6
4	R0251700A	Spacer	6
5	*12256800A	Standoff - 2.75"	6
6	B12166700A	Display Lens (Single Display)	1
7	R0250200A	Screw 8-32 x 1/4"	2
8	R01183050	Screw 8-32 x 1/4"	4
9	A12165600A	Load Cell Harness	1
10	*12586100A	Load Cell Harness (RFI Filtered)	As Required
11	*12408600A	Curved Disc	2
12	A12408900A	Disc Assembly	2
13	*12408900AH	Grommet	2
14	R0329800A	Nut 8-32	4
15	*12348400A	Connector Cap	1
16	C12165200A	Serial I/O Harness, Printer	1
17	*10716400A	Power Cord (HAP ONLY)	1
18	*11741700A	Connector	1
19	*11624000A	Sealing Lock Nut (Not Shown)	1
20	*10469900A	Grommet	1
21	*12256900A	Standoff (Not Shown)	2
22	*12426600A	Ground Strap (Not Shown)	1

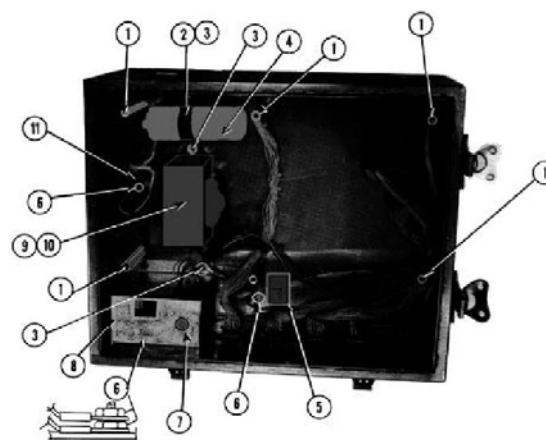
* Part number may have alpha prefix

8142 Wall Unit Dual and Dual Advanced PCB's and Miscellaneous Hardware

Ref.	Part Number	Description	Qty
1	*12584700A	Main PCB	As Required
1	*12646600A	Main PCB	As Required
1	*12889700A	Main PCB	As Required
1	*12538100A	Main PCB	As Required
1	*12649000A	Main PCB	As Required
1	*13200100A	Main PCB	As Required
2	*12585600A	Main PCB	As Required
2A	*12646700A	Main PCB	As Required
2B	*12890000A	Main PCB	As Required
2C	*12538000A	Main PCB	As Required
2D	*12649100A	Main PCB	As Required
2E	*13200200A	Main PCB	As Required
3	12256600A	Standoff 0.438"	2
4	*12584500A	Dual PCB (Dual Display)	As Required
5	*12585400A	Dual-Advanced PCB (Dual Display Advanced)	As Required
6	*12256700A	Standoff 1.125"	6
7	*12256800A	Standoff 2.75"	6
8	B12166500A	Display Lens (Dual Display)	As Required
9	B12346800A	Display Lens (Dual Display Advanced)	As Required
10	R0250200A	Screw, #8-32 x 1/4"	2
11	R01183050	Screw, #8-32 x 1/4"	4
12	A12165600A	Load Cell Harness	1
13	*12586100A	Load Cell Harness (RFI Filtered)	As Required
14	B12165700A	Setpoint-Gross-Tare Harness (Dual Display Advanced)	1
15	*12348400A	Connector Cap	2
16	C12165200A	Harness, Printer	1
17	C12165300A	Communication Harness (Optional)	As Required
18	*10716400A	Power Cord	1
19	*11741700A	Connector	1
20	*11624000A	Sealing Lock Nut (Not Shown)	1
21	*10469900A	Grommet (Not Shown)	1
22	*12165400A	Data Harness	1
23	*12256900A	Standoff (Not Shown)	2
24	R0356200A	Screw, 1/4-20" x 3/8"	3



8142 Wall Unit Dual and Dual Advanced PCB's and Miscellaneous Hardware



8142 Wall Unit Power Supply

8142 Wall Unit Power Supply

Ref.	Part Number	Description	Qty
1	*12256800A	Standoff 2.75"	6
2	A11613900A	Capacitor Clamp	1
3	R0328300A	Nut, 6-32	6
4	*12164300A	Capacitor - 30,000 µf	1
5	*11911300A	Chassis Ground Decal	1
6	R0329800A	Nut, 8-32	4
7	*12258200A	Circuit Breaker 0.5 Amp	1
8	C12258300A	Line Filter and Switch Assembly	1
9	*12164600A	Transformer & Harness Assembly (Single Display)	As Required
10	*12164700A	Transformer & Harness Assembly (Dual Display & Dual Display Advanced)	As Required
11	*09394300A	Bridge Rectifier - 25 Amp	1

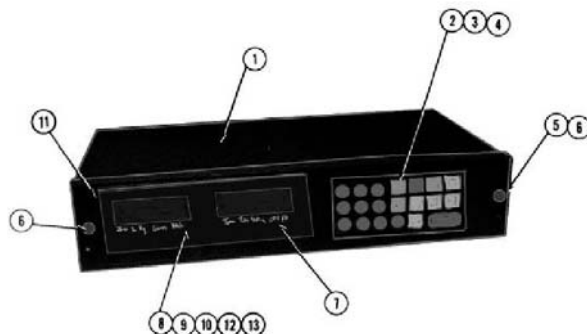
* Part number may have alpha prefix

Model 8142

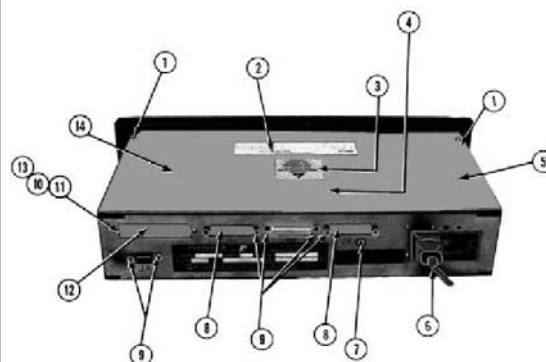
8142 Rack Unit Cover and Front Panel

Ref.	Part Number	Description	Qty
1	*12583700A	Cover	1
2	*12582700A	Keyboard Assembly (Single Display)	As Required
3	*12582800A	Keyboard Assembly (Dual Display)	As Required
4	*12582900A	Keyboard Assembly (Dual Display Advanced)	As Required
5	A10857200A	Front Panel Screw	2
6	R01279020	Retaining Ring	2
7	A12409700A	Display Gasket	1
8	A12162600A	Display Lens (Single Display) (See Note Below)	As Required
9	A12162800A	Display Lens (Dual Display) (See Note Below)	As Required
10	A12162700A	Display Lens (Dual Display Advanced) (See Note Below)	As Required
11	C119918 00B	Front Panel	1
12	*12887900A	Conductive Lens (See Note Below)	1
13	*12888000A	Conductive Seal (See Note Below)	1

Note: The Conductive Seal MUST be replaced when replacing either the Display Lens or the Conductive Lens.



8142 Rack Unit Cover and Front Panel



8142 Rack Unit Chassis and Top Cover

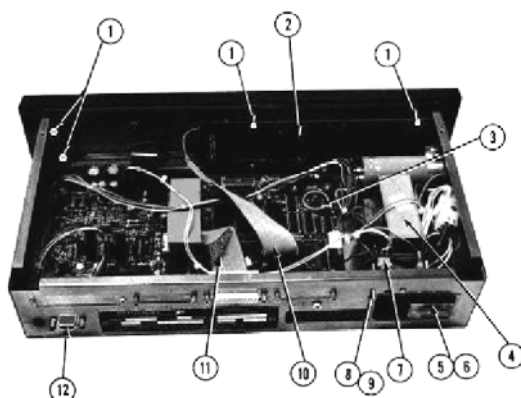
8142 Rack Unit Chassis and Top Cover

Ref.	Part Number	Description	Qty.
1	R0368900A	Screw 6-32 x 1/4"	3
2	*12346600A	Jumper Description Label	1
3	*11603300A	Static Caution Label	1
4	A11879200A	Service Warning Decal	1
5	*10857800A	Chassis Cover	1
6	*10386700A	Power Cord	1
7	R01183050	Ground Screw 8-32 x 1/4"	1
8	*11238800A	Cover Plate	As Required
9	*12686100A	Screw Lock Assembly	8
10	R0330500A	Nut 4-40	2
11	R0254700A	Lockwasher #4	2
12	*10640300A	Cover Plate	1
13	R02101050	Screw 4-40 x 3/8"	2
14	*12627300A	Fishpaper (Dual Display Advanced, Not Shown)	1

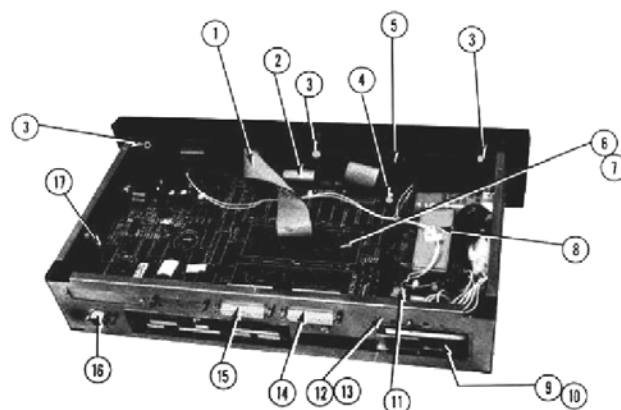
* Part number may have alpha prefix

8142 Rack Unit Dual and Dual Advanced PCB's and Miscellaneous Hardware

Ref.	Part Number	Description	Qty
1	R0368900A	Screw 6-32 x 1/4"	8
2	*12164100A	Display PCB (SD)	1
3	*12163000A	Main PCB (SD)	1
3A	*12646500A	Main PCB (SD)	1
3B	*12890300A	Main PCB (SD), Ram XXX7	1
3C	*12537900A	Main PCB (SD) (HAP ONLY)	1
3D	*12648900A	Main PCB (SD) (HAP ONLY)	1
3E	*13200300A	Main PCB (SD), Ram XXX7 (HAP ONLY)	1
4	*12409200A	Transformer Assembly (SD)	1
5	*11214500A	Fuse .5A Slo-Blo (Rams 2X0X)	As Required
6	*09592000A	Fuse .25A Slo-Blo (Rams 201X, 202X)	As Required
7	A12165000A	Zero Switch & Harness	1
8	R02101050	Screw 4-40 x 3/8"	2
9	R0254700A	Lockwasher #4	2
10	*12166000A	Display Harness	1
11	A12165100A	Harness, Printer	1
12	B12164800A	Load Cell Harness	1
	*13312500A	with key (Rams 0XX8, 9, 2XX8, 9)	
13	*12585100A	Load Cell Harness (RFI Filtered)	As Required



8142 Rack Unit Single Display PCB's and Miscellaneous Hardware



8142 Rack Unit Dual and Dual Advanced PCB's and Miscellaneous Hardware

8142 Rack Unit Dual and Dual Advanced PCB's and Miscellaneous Hardware

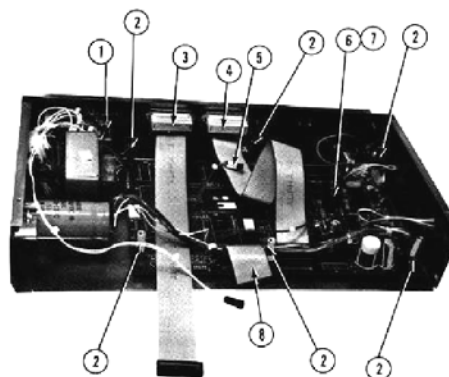
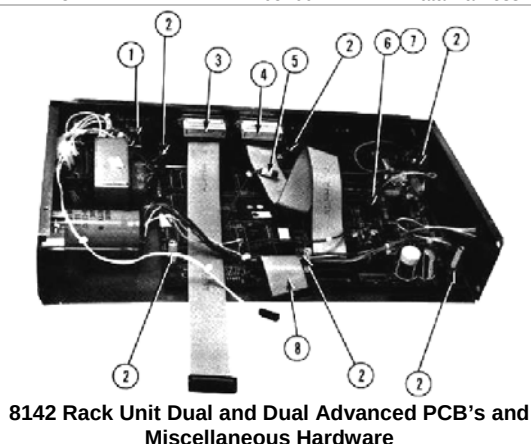
Ref.	Part Number	Description	Qty
1	*12166000A	Display Harness	1
2	*12165400A	Data Harness	1
3	R0368900A	Screw, #6-32 x 1/4"	8
4	R01183050	Screw, #8-32 x 1/4"	6
5	*12164200A	Display PCB (Dual Display & Dual Display Advanced)	1
6	*12584600A	Dual PCB (Dual Display)	1
7	*12585500A	Dual-Advanced PCB (Dual Display Advanced)	1
8	A12409300A	Transformer Assembly (Dual Display & Dual Display Advanced)	1
9	*11214500A	Fuse .5A Slo-Blo	As Required
10	*09592000A	Fuse .25A Slo-Blo	As Required
11	A12165000A	Zero Switch & Harness	1
12	R02101050	Screw 4-40 x 3/8"	2
13	R0254700A	Lockwasher #4	2
14	A12165900A	Setpoint Harness	1
15	A12165100A	Serial I/O Harness	1
16	B12164800A	Load Cell Harness	1
17	*12538300A	Setup Extension Harness	1

* Part number may have alpha prefix

Model 8142

8142 Rack Unit Dual and Dual Advanced PCB's and Miscellaneous Hardware

Ref.	Part Number	Description	Qty
1	A12165000A	Zero Switch & Harness	1
2	A12350100A	Standoff	6
3	A12165900A	Setpoint Harness	1
4	A12165100A	Serial I/O Harness	1
5	*12538300A	Setup Extension Harness	1
6	*12538300A	Main PCB (Dual Display)	As Required
6A	*12646600A	Main PCB (Dual Display)	As Required
6B	*12889700A	Main PCB (Dual Display), Rams XXX8	As Required
6C	*12538100A	Main PCB (Dual Display) (HAZ ONLY)	As Required
6D	*12649000A	Main PCB (Dual Display) (HAZ ONLY)	As Required
6E	*13200100A	Main PCB (Dual Display), Ram XXX8 (HAZ ONLY)	As Required
7	*12585600A	Main PCB (Dual Display Advanced)	As Required
7A	*12646700A	Main PCB (Dual Display Advanced)	As Required
7B	*12890000A	Main PCB (Dual Display Advanced), Ram XXX9	As Required
7C	*12538000A	Main PCB (Dual Display Advanced) (HAZ ONLY)	As Required
7D	*12649100A	Main PCB (Dual Display Advanced) (HAZ ONLY)	As Required
7E	*13200200A	Main PCB (Dual Display Advanced), Ram XXX9 (HAZ ONLY)	As Required
8	*12165400A	Data Harness	1



8142 Rack Unit Power Supply

Ref.	Part Number	Description	Qty
1	*09394300A	Bridge Rectifier (Not Shown) 25 Amp (See Note Below)	1
2	R0329800A	Nut 8-32"	10
3	*12410500A	Line Filter Assembly	1
4	*11118900A	Spacer (Not Shown)	1
5	A12165000A	Zero Switch & Harness	1
6	C12345800A	Chassis	1
7	A12165100A	Harness, Printer	1
8	B12164800A	Load Cell Harness	1
9	*12585100A	Load Cell Harness (RFI Filtered)	As Required
11	A12346300A	PCB Insulator/Shield	1
12	*11711300A	Chassis Ground Decal (Not Shown)	1
13	*12164300A	Capacitor 30,000 µf (See Note Below)	1
14	*12483500A	Capacitor Clamp	1
15	*12409200A	Transf. & Harness Assembly (Single Display)	As Required
16	A12409300A	Transf. & Harness Assembly (Dual Display & Dual Display Advanced)	12
17	R00813050	Nut, #6-32	2
18	R01771050	Lockwasher, #6	2
19	R03710050	Screw, #6-32 x .375 PH RD HD	2
	*12686100A	Screw Lock Assembly, #4-40	2

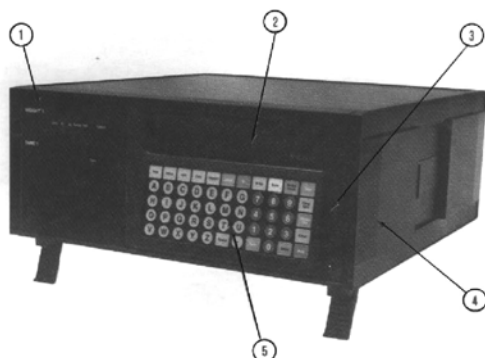
Note: Included with assembly 12409200A and A12409300A

* Part number may have alpha prefix

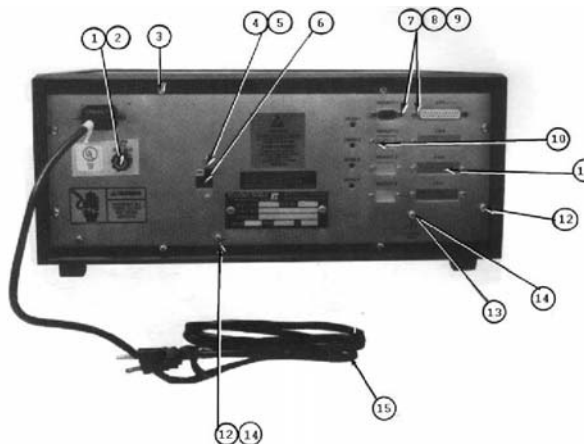
8146 Desk Mount Enclosure and Lenses

Ref.	Part Number	Description	Qty.
1	*12600500A	Wt, Display Lens (WT1, TR1) (See Note Below)	1
	*12607000A	Wt, Display Lens (WT1, TR1, WT2, TR2) (See Note Below)	1
	*12607100A	Wt, Display Lens (WT1, WT2) (See Note Below)	1
	*12607200A	Wt, Display Lens (WT1, WT2, WT3) (See Note Below)	1
	*12607300A	Wt, Display Lens (WT1, WR2, WT3, WT4) (See Note Below)	1
2	*12600300A	Data Lens	1
3	*12601100A	Bezel	1
4	*12600000A	Enclosure	1
5	*12812500A	Keyboard Assembly (Basic Version)	1
	*12812600A	Keyboard Assembly (Enhanced Version)	1

Note: Your unit will have one of the five Wt. Display Lenses listed, make certain that you are ordering the correct lens for your installation.



8146 Desk Mount Enclosure and Lenses



8146 Rear Panel

8146 Rear Panel

Ref.	Part Number	Description	Qty.
1	*12480100A	Fuse Holder	1
2	*12465400A	Fuse, 1.5 Amp, Slo-Blo	1
3	R0313300A	Screw, #6-32 x 5/16"	4
4	R01916050	Screw, #4-40 x 1/4"	2
5	R01679050	Lockwasher, #4	2
6	*11514600A	Lockout Plate	1
7	*12536500A	Standoff	4
8	R0254700A	Washer, #4 (N.S.)	4
9	R0330500A	Nut, #4-40 (N.S.)	4
10	*12604400A	Connector Cover Plate, (9 pos)	3
11	*11238800A	Connector Cover Plate, (25 pos)	3
12	R01236050	screw, #8-32 x 3/8"	6
13	R00849 130	Screw, #8 x 1/2"	1
14	R00589 130	Lockwasher, #8	3
15	*10386700A	Line Cord	1

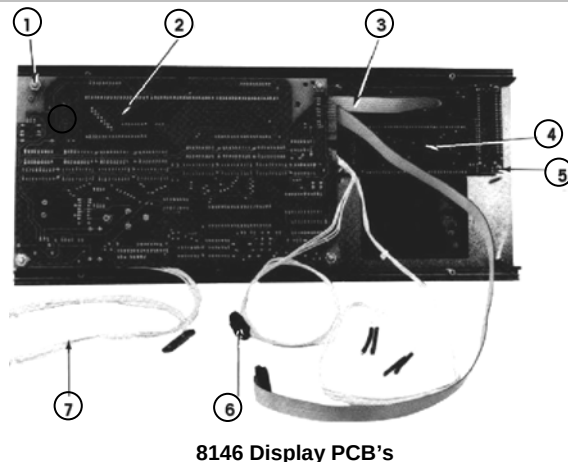
* Part number may have alpha prefix

Model 8146

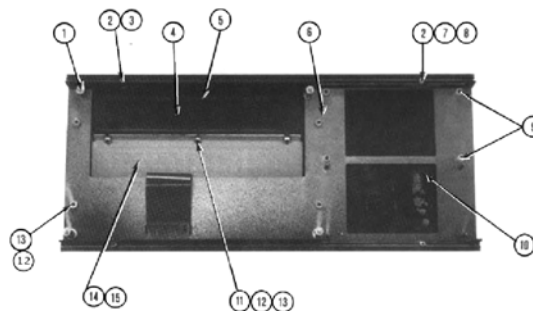
8146 Display PCB's

Ref.	Part Number	Description	Qty
1	R01611050	Nut, #8-32	4
2	*12526900A	Dot Matrix Display PCB (Basic Version)	1
	*12527000A	Dot Matrix Display PCB (Enhanced Version)	1
3	*12608500A	Harness, Wt. Display to Power Supply	1
4	*12525200A	Weight Display PCB	1
5	R01678050	Nut, #4-40	4
6	*12823600A	Harness, ADP51 to Wt. Display (See Note Below)	1
7	*11852500A	Harness, Display to Power Supply	1

Note: This harness will be part number 12609400A if optional Zero push-buttons are installed.



8146 Display PCB's



8146 Front Panel and Keyboard

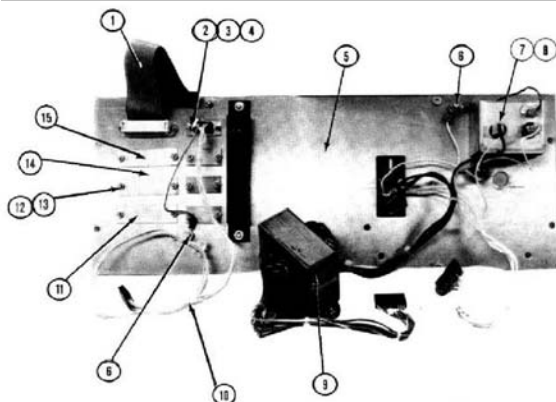
8146 Front Panel and Keyboard

Ref.	Part Number	Description	Qty
1	*12581400A	Standoff	
2	R0370100A	Setscrew, #10-32 x 5/8"	
3	R01765050	Nut, #10-32 Square	
4	*12821600A	Conductive Lens (Data Display)	
5	*12821800A	Label, "Caution...Do Not Handle..." (Not Shown)	
6	*12600800A	Front Panel	
7	*12603400A	Panel Retaining Nut	
8	*12603500A	Nut Insulator	
9	*12606800A	Spacer	
10	*12913900A	Conductive Lens (Wt. Display)	
11	R0368500A	Stud, #6-32 Self Clinch	
12	R0355900A	Screw, #6-32 x 5/16"	
13	R0328300A	Nut, #6-32 W/ Lockwasher	
14	*12812500A	Keyboard Assembly (Basic Version)	
	*12812600A	Keyboard Assembly (Enhanced Version)	
15	*12749400A	Keyboard Gasket (Not Shown)	

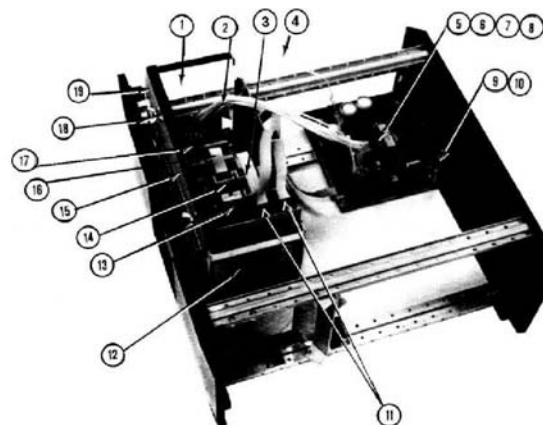
* Part number may have alpha prefix

8146 Transformer and Harness

Ref.	Part Number	Description	Qty
1	*12608200A	Harness, Printer	1
2	R0330500A	Nut, #4-40	4
3	R0254700A	Washer, #4	4
4	*12536500A	Standoff (Not Shown)	4
5	B12600900A	Rear Panel (blank)	1
6	R0329800A	Nut, #8-32 W/Lockwasher	3
7	*12527100A	Line Filter	1
8	R0313300A	Screw, #6-32 x 5/16"	2
9	*12609500A	Transformer Assembly	1
10	*12608000A	Harness, Load Cell	1
11	*12609100A	Harness, Setpoint (Not Shown)	1
12	R02101050	Screw, #4-40	12
13	R0363800A	Nut, #4-40 W/ Lockwasher	12
14	*12609000A	Harness, Host (Not Shown)	1
15	*12609100A	Harness, Bar Code (Not Shown)	1



8146 Transformer and Harness



8146 PCB's

8146 PCB's

Ref.	Part Number	Description	Qty.
1	*12526200A	Dual Serial Converter PCB	1
2	*12608600A	Harness, Motherboard to Power (Not Shown) (See Note Below)	1
3	*11852600A	Harness, Analog to ADP51 PCB	1
4	*12749700A	Harness, Logic	1
5	*12526800A	Power Supply PCB	1
6	*12724900A	Power Supply Shield (Not Shown) (See Note Below)	1
7	*12822400A	Label, Caution Shock (Not Shown) (See Note Below)	1
8	*12749000A	Insulator, Power Supply PCB	1
9	*12749500A	Standoff	2
10	R0329800A	Nut, #8-32 W/ Lockwasher (See Note Below)	2
11	*12608700A	Harness, CPU to Dual Serial Converter (See Note Below)	2
12	*12606000A	CPU PCB	1
13	*12073100A	ADP51 PCB	1
14	*12301800A	Analog PCB	1
15	*12525800A	Motherboard PCB	1
16	*11852400A	Harness, Analog Power	1
17	*12550200A	Serial I/O PCB (Not Shown)	1
18	R01607050	Wing Nut, #8-32	2
19	*12602400A	PCB Retainer	1

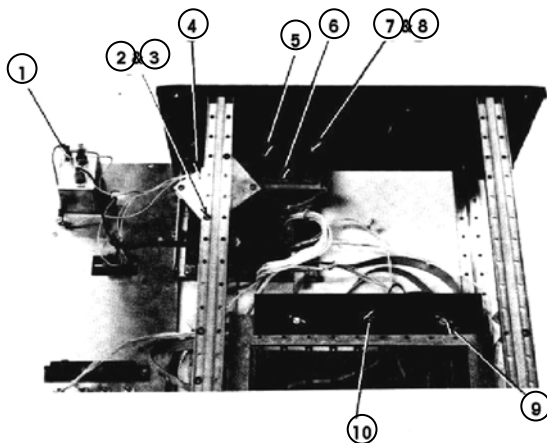
Note: There may be more than one in your unit.

* Part number may have alpha prefix

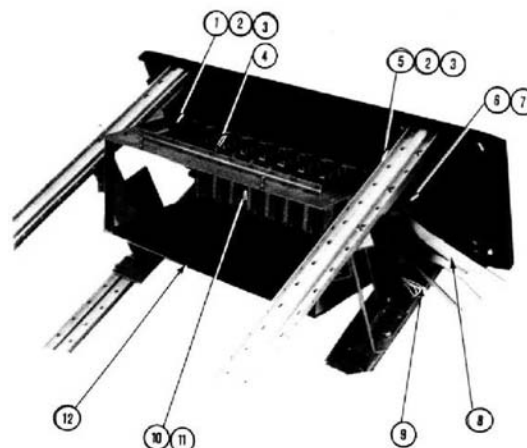
Model 8146

8146 Power Supply

Ref.	Part Number	Description	Qty
1	*12527100A	Line Filter	1
2	R00849 130	Screw, #8-32 x 1/2"	2
3	R0329800A	Nut, #8-32 W/Lockwasher	4
4	*12724800A	Transformer Mounting Plate	1
5	*12724900A	Power Supply Shield	1
6	*12822400A	Label, Caution Shock	1
7	*12749500A	Standoff	2
8	R01611050	Nut, #32	2
9	R01607050	Wing Nut, #8-32	2
10	*12602400A	PCB Retainer	1



8146 Power Supply



8146 Card Cage

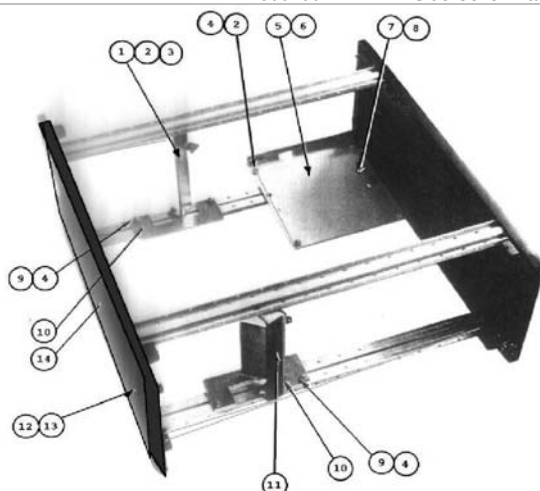
8146 Card Cage

Ref.	Part Number	Description	Qty
1	*12600700A	Front Cage Hinge Bracket	1
2	R00849 130	Screw, #8-32	5
3	R0329800A	Screw, #8-32 W/Lockwasher	5
4	*11557800A	Card Guide	20
5	*12600600A	Rear Cage Hinge Bracket	1
6	*12526200A	Dual Serial Converter PCB	1
7	*12748900A	Insulator, Dual Series Converter PCB	1
8	*12608100A	Harness, Dual Serial Converter to Power Supply	1
9	*12608800A	Harness, Display to Dual Serial Converter	1
10	*12525800A	Motherboard PCB	1
11	R00848050	Screw, #8-32 x 5/16"	10
12	*12602300A	Card Cage Assembly	1

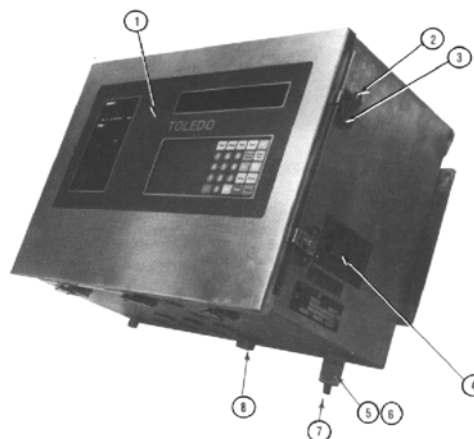
* Part number may have alpha prefix

8146 Chassis

Ref.	Part Number	Description	Qty
1	*12606600A	Rear Swivel Bracket Assembly	1
2	R00849 130	Screw, #8-32 x 1/2"	8
3	R0218100A	Nut, #8-32 Elastic Loop	4
4	R0329800A	Nut, #8-32 W/ Lockwasher	8
5	*12601000A	Mounting Panel	1
6	*12749000A	Insulator, Power Supply PCB	1
7	R00813050	Nut, #6-32	2
8	R0355900A	Screw, #6-32 x 5/16"	2
9	R00848050	Screw, #8-32 x 5/16"	4
10	*12748700A	Card Cage Support Plate	2
11	*16006700A	Front Swivel Bracket Assembly	1
12	R01806050	Screw, #10-32 x 1"	12
13	R0082200A	Lockwasher, #10	12
14	*12600100A	Side Cover Plate	2



8146 Chassis



8146 Bezel and Line Cord

8146 Bezel and Line Cord

Ref.	Part Number	Description	Qty
1	*12603100A	Decorative Bezel	1
2	*12410000A	Hinge Spring (Right Side)	3
3	*12410100A	Hinge Spring (Left Side)	3
4	A11879200A	Label, Service Warning	1
5	*10469900A	O-Ring Gasket	1
6	*11624000A	Sealing Locknut (Not Shown)	1
7	*12748800A	Line Cord Assembly	1
8	*12348400A	Connector Cap (Not Shown)	1

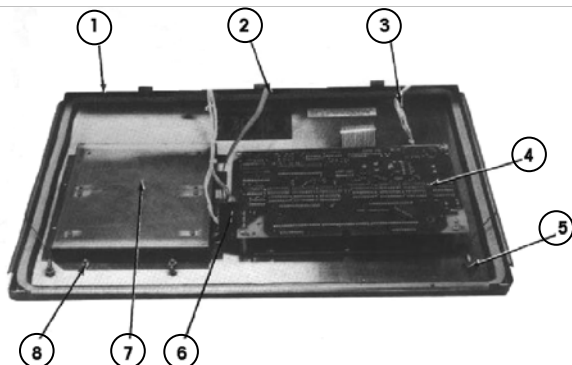
* Part number may have alpha prefix

Model 8146

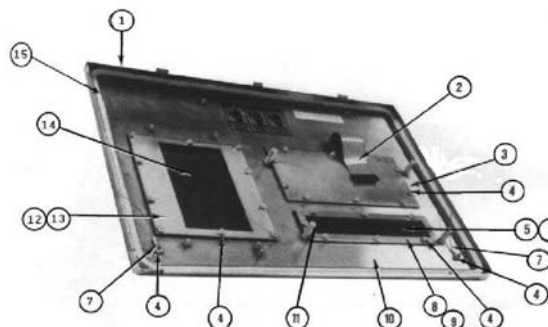
8146 Data Display PCB

Ref.	Part Number	Description	Qty
1	*12602900A	Enclosure, Door W/Gasket	1
2	*12608500A	Harness, Wt. Display to Power Supply (See Note Below)	1*
3	*11852500A	Harness, Display to Power Supply	1
4	*12526900A	Dot Matrix Display PCB (Basic Version)	1
5	*12527000A	Dot Matrix Display PCB (Enhanced Version)	1
6	R00848050	Screw, #8-32 x 5/16"	4
7	*12608800A	Harness, Display to Dual Serial Converter	1
8	*12723800A	Weight Display Bracket	1
9	R0329800A	Nut, #8-32 W/Lockwasher	4

Note: There may be more than one in your unit.



8146 Data Display PCB



8146 Front Panel and Keyboard

8146 Front Panel and Keyboard

Ref.	Part Number	Description	Qty.
1	*12602900A	Enclosure Door W/Gasket	1
2	*12812700A	Keyboard Assembly (Basic Version)	1
	*12812800A	Keyboard Assembly (Enhanced Version)	1
3	*12724300A	Keyboard Gasket	1
4	R0329800A	Nut, #8-32 W/Lockwasher	30
5	*12603300A	Display Lens	1
6	*12821700A	Conductive Lens	1
7	*12725200A	Tension Cables	2
8	*12724600A	Display Lens Clamp	1
9	*12724700A	Display Lens Gasket	1
10	*12821800A	Label "Caution...Do Not Handle..."	1
11	A12350100A	Standoff	4
12	*12724500A	Wt. Display Lens Gasket	1
13	*12724400A	Wt. Display Lens Clamp	1
14	*12603200A	Wt. Display Lens (WT1, TR1) (See Note Below)	1
	*12607400A	Wt. Display Lens (WT1, TR1, WT2, TR2) (See Note Below)	1
	*12607500A	Wt. Display Lens (WT1, WT2) (See Note Below)	1
	*12607600A	Wt. Display Lens (WT1, WT2, WT3) (See Note Below)	1
	*12607700A	Wt. Display Lens (WT1, WT2, WT3, WT4) (See Note Below)	1
15	*30911000A	Foot Cover Gasket	1

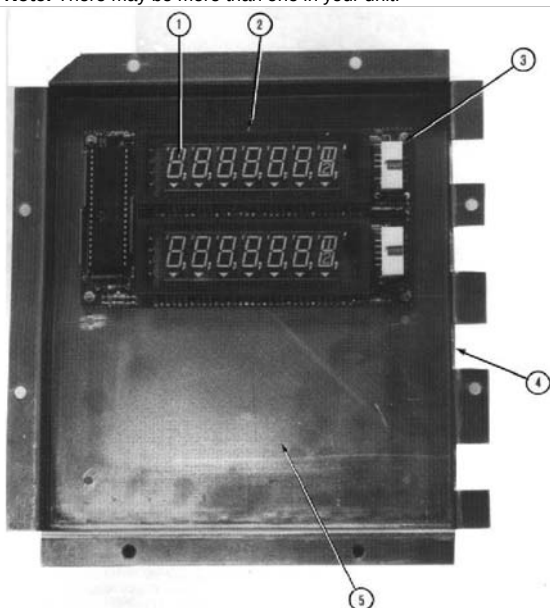
Note: Your unit will have one of the five Wt. Display Lenses listed, make certain you are ordering the correct lens for your installation.

* Part number may have alpha prefix

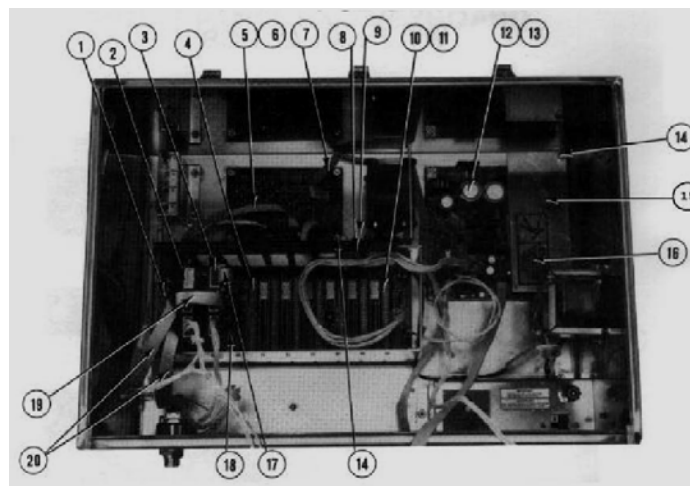
8146 Weight Display PCB

Ref.	Part Number	Description	Qty
1	*12525200A	Wt. Display PCB (See Note Below)	1
2	*12748600A	Insulator, Wt. Display (See Note Below)	1
3	R02101050	Screw, #4-40 x 3/8"	4
4	*279420020	Caterpillar Grommet	4
5	*12723800A	Wt. Display Bracket	1

Note: There may be more than one in your unit.



8146 Weight Display PCB



8146 PCB's

8146 PCB's

Ref.	Part Number	Description	Qty
1	*12606000A	CPU PCB	1
2	*12073100A	ADP51 PCB (See Note 1 Below)	1
3	*12301800A	Analog PCB (See Note 1 Below)	1
4	*12525800A	Motherboard PCB	1
5	*12526200A	Dual Serial Converter PCB	1
6	*12748900A	Insulator, Dual Serial Converter PCB	1
7	*12608100A	Harness, Dual Serial Converter to Power Supply	1
8	*12602400A	PCB Retainer	1
9	R01607050	Wing Nut, #8-32	2
0	*12550200A	Serial I/O PCB (Not Shown) (See Note 1 Below)	1
11	*11852100A	Harness, Serial I/O to Power (Not Shown) (See Note 1 Below)	1
12	*12526800A	Power Supply to PCB	1
13	*12749000A	Insulator, Power Supply PCB	1
14	R0329800A	Nut, #8-32 W/ Lockwasher	6
15	*12724900A	Power Supply Shield	1
16	*12822400A	Label, Caution Shock	1
17	*11852400A	Harness, Analog Power (See Note 1 Below)	1
18	*12823600A	Harness, ADP51 to Wt. Display (See Notes 1 & 2 Below)	1
19	*11852600A	Harness, Analog to ADP51 (See Note 1 Below)	1
20	*12608700A	Harness, CPU to Dual Serial Converter	1

Note 1: There may be more than one in your unit.

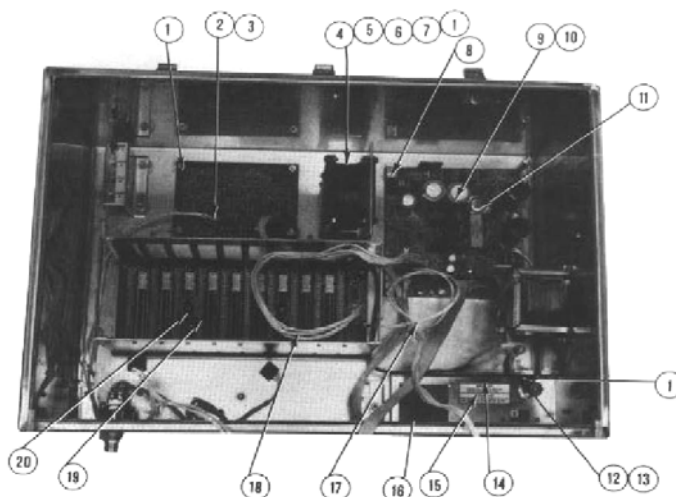
Note 2: This harness will be part number 126709400A if the optional Zero push-buttons are installed.

* Part number may have alpha prefix

Model 8146

8146 Power Supply

Ref.	Part Number	Description	Qty
1	R0329800A	Nut, #8-32 W/Lockwasher	13
2	*12526200A	Dual Serial Converter PCB	1
3	*12748900A	Insulator, Dual Serial Converter PCB	1
4	*11847600A	Finger Guard	2
5	R00845130	Screw, #8-32 x 5/8"	8
6	*12086300A	Fan and Harness Assembly	1
7	*12724100A	Fan Mounting Bracket	1
8	R01611050	Nut, #8-32	2
9	*12526800A	Power Supply PCB	1
0	*12749000A	Insulator, Power Supply PCB	1
11	*12749500A	Standoff	2
12	*12465400A	Fuse, 1.5 Amp Slo-Blo	1
13	*12480100A	Fuse Holder	1
14	*12422000A	Label, Fuse Rating	1
15	*12913800A	Label, Warning	1
16	*11603300A	Label, Static Caution	1
17	*12749700A	Harness, Logic	1
18	*12608600A	Harness, Motherboard Power	1
19	*12525800A	Motherboard PCB	1
20	R00848050	Screw, #8-32 x 5/16"	6



8146 Power Supply

8146 Harness and Transformer

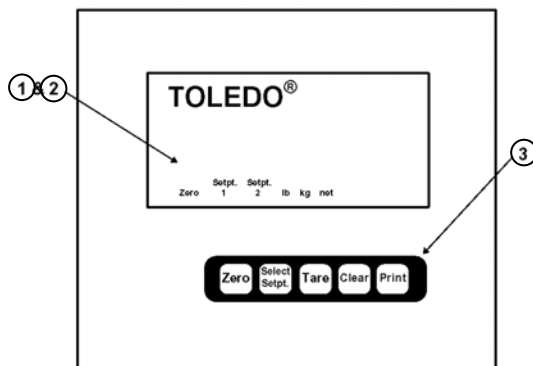
Ref.	Part Number	Description	Qty
—	*12602800A	Enclosure Assembly (Without Door)	1
—	*12748900A	Insulator, Dual Serial Converter PCB	1
—	*12602300B	Card Cage Assembly	1
—	*12749000A	Insulator, Power Supply PCB	1
—	*12609600A	Transformer Assembly	1
—	R0328300A	Nut, #6-32 W/Lockwasher	3
—	A11879200A	Label, Service Warning	1
—	A12408700A	Disk Assembly	6
—	*12408600A	Curved Disk (1.25" O.D./0.50" I.D.)	6
—	*12426600A	Ground Strap	6
—	*12408900A	Grommet (1.25" O.D./0.50" I.D.)	3
—	*12462600A	Grommet (0.50" I.D.)	3
—	*12608300A	Harness, Printer	1
—	*12609200A	Harness, Bar Code (N.S.)	1
—	*12609000A	Harness, Host (N.S.)	1
—	*12609200A	Harness, Setpoint (N.S.)	1
—	*12609300A	Harness, Load Cell	1
—	*11557800A	Card Guides	20
—	R0329800A	Nut, #8-32 W/ Lockwasher	30
—	*10875000A	Spacer, #8 x 3/16"	4
—	*12725200A	Tension Cable	2

* Part number may have alpha prefix

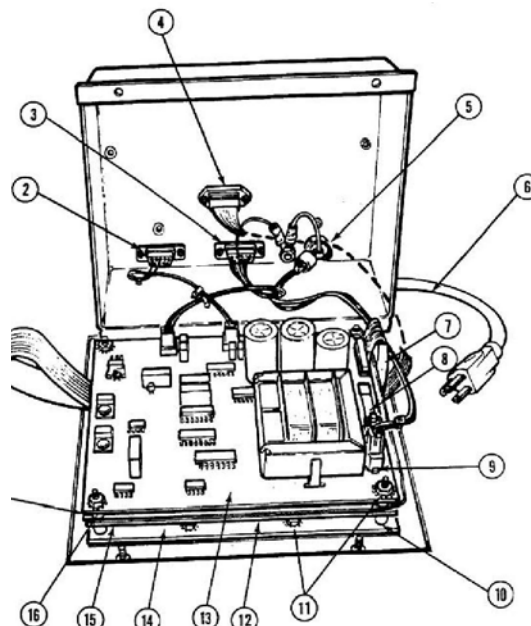
8510 Front Panel

Ref.	Part Number	Description	Qty.
1	*13402100A	Conductive Screen	1
2	*13311000A	Display Lens	1
3	*13402000A	Keyboard KOP (See Note Below)	1
Not Shown	*13357300A	Gasket, Lens/Keyboard (See Note Below)	1
Not Shown	*13401300A	Gasket, Panel Mounting	1
Not Shown	*13401400A	Template, Panel Installation	1

Note: Keyboard KOP includes Switch Membrane, Overlay, Foil Shield, and 13357300A Lens/Keyboard Gasket.



8510 Front Panel



8510 PCB's and Harness

8510 PCB's and Harness

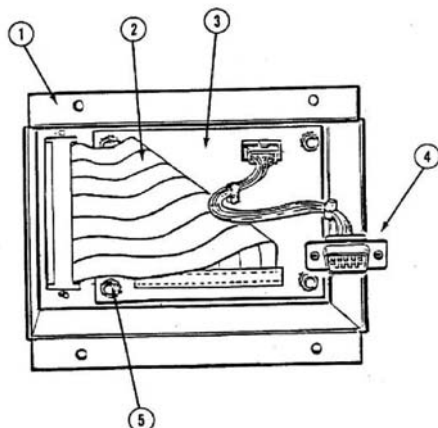
Ref.	Part Number	Description	Qty.
1	*12904700A	Insulator, PCB	1
2	*13356800A	Harness, Serial/Printer Port	1
3	*13356700A	Harness, Analog Load Cell Port	1
	A13358900A	Harness, Digital Load Cell Port (NS)	1
4	*13356900A	Harness, Option Port	1
5	*11646300A	Strain Relief Bushing	1
6	*13357500A	Power Cord Assembly	1
7	*12898600A	Harness, Data	1
8	*09591900A	Fuse, 1/8 Amp Slo-Blo 8510-2001	1
	*09592000A	Fuse, 1/4 Amp Slo-Blo 8510-2011	1
	B12905300A	Fuse Label	1
9	*09751800A	Plug, Power Cord 3 Pin	1
10	*12903100A	Spacer 4	4
11	R0329800A	Nut, 8-32 W/Lockwasher	14
12	*13604200A	PCB Ass'y, Main Logic/Display	1
13	A13359200A	PCB Ass'y, Power Supply 8510-2001	1
	A13359300A	PCB Ass'y, Power Supply 8510-2011	1
14	*12902300A	Clamp Plate, Lens/Keyboard	1
15	*13357300A	Gasket, Lens/Keyboard	1
16	*10875000A	Spacer, PCB	1
Not Shown	B11397100A	Label, FCC-Tested	1
Not Shown	*11603300A	Label, Static Caution	1
Not Shown	A12237300A	Label, Warning-Power	1
Not Shown	*12644000A	Label, Patent	1

* Part Number may have an alpha prefix

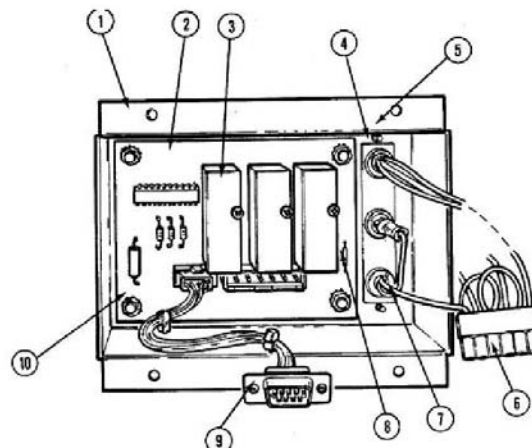
Model 8510

8510 BCD Output Module

Ref.	Part Number	Description	Qty
1	*12912100A	Option Enclosure 1	1
2	*13357100A	Harness, BCD Output 1	1
3	*12907700A	PCB Ass'y, BCD Output 1	1
4	*13357000A	Harness, Option 1	1
5	R0329800A	Nut, 8-32 W/Lockwasher 4	4
Not Shown	*09509900A	AMP Plug Kit, 50 Pin Centronics Connector (Mates with 50 Pin Jack)	1



8510 BCD Output Module



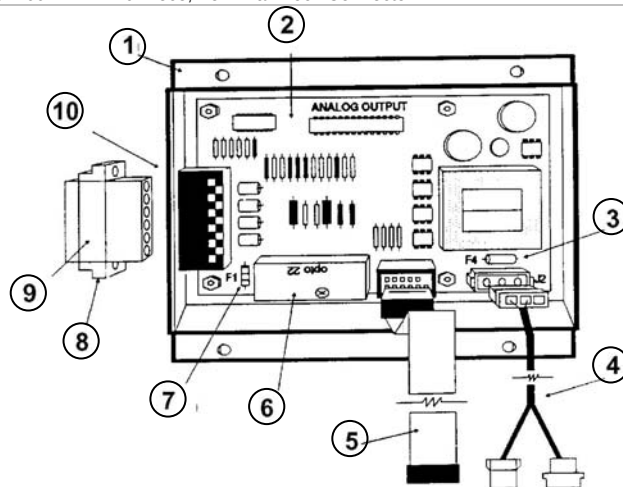
8510 Setpoint Module

8510 Setpoint Module

Ref.	Part Number	Description	Qty
1	*12912100A	Option Enclosure	1
2	*12911600A	PCB Ass'y, Setpoint	1
3	*13310400A	Opto, 240 VAC/1A	3
4	*13358000A	Bushing, Strain Relief	3
5	R01862050	Screw, 4-40 x 3/16" PH HD	2
6	*13162500A	Plug, 6 Position Terminal Block	1
7	*12912500A	Adapter Plate	1
8	*13380200B	Fuse, Micro 1A	3
9	*13357000A	Harness, Option	1
10	R0329800A	Nut, 8-32 W/Lockwasher	4
Not Shown	*13203300A	Label, Warning - Stop Switch Required when used in auto/man filling cycle	1
Not Shown	*13203500A	Label, Warning - When this equip, is used as a component part of a system	1

8510 Analog Output Module

Ref.	Part Number	Description	Qty
1	*13603500A	Option Enclosure	1
2	*13402800A	PCB Ass'y, Analog Output	1
3	*13403200A	.125A MicroFuse (F2, F3, F4)	3
4	*13403600A	Power Harness, 110 VAC	1
	*13603300A	Power Harness, 220/240 VAC	1
5	*13403500A	Data Harness	1
6	*13310400A	Opto, 125 VAC/1A	2
7	*13380200A	1A MicroFuse (F1)	1
8	*13404100A	End Piece, Terminal Block Connector	1

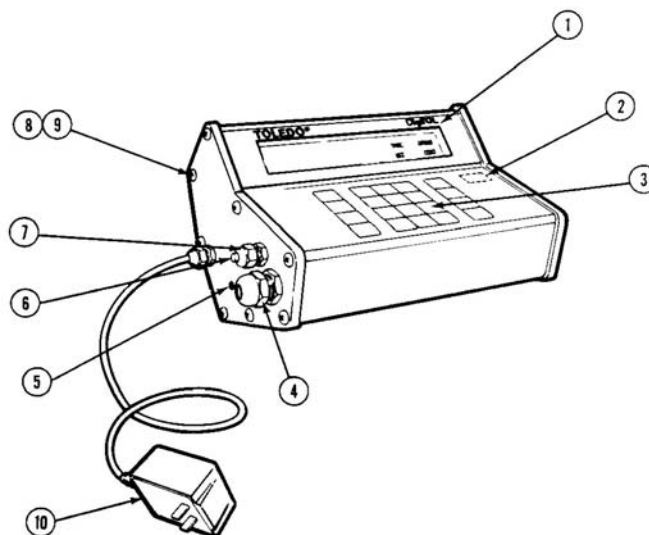


8510 Analog Output Module

* Part number may have alpha prefix

8520 Desk Enclosure - Exterior Front

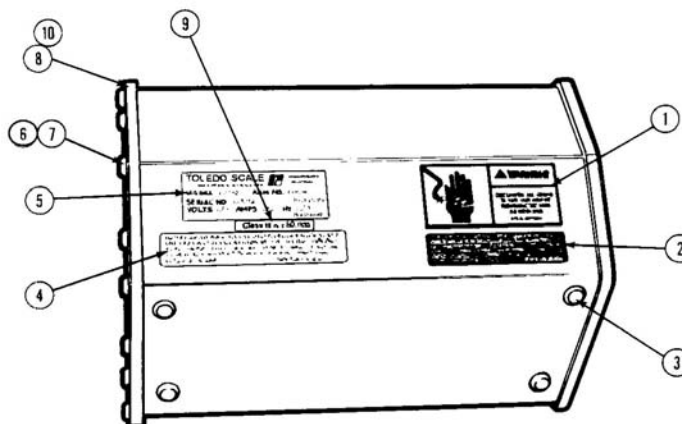
Ref.	Part Number	Description	Qty.
1	*13002500A	Display Screen	1
2	*274480 002	Double-Sided Tape	2"
3	*13322500A	Keyboard Assembly	1
4	*13002300A	Grip Bushing	1
5	R0327000A	Set Screw 1/4 X 5/16"	2
6	*12903800A	Small Plug	1
7	*12901800A	Grip Bushing	2
8	R0386800A	Screw, 8-32 X 1/2" Truss Hd. Tapetite	8
9	*13322800A	Black Nylon Washer	8
10	*13278700A	Power Supply	1



8520 Desk Enclosure - Exterior Front

8520 Desk Enclosure - Exterior Rear

Ref.	Part Number	Description	Qty.
1	A12237300A	Warning Label	1
2	B11854000A	FCC Label	1
3	*12697100A	Rubber Foot	4
4	Not Available	Patent Label	1
5	Not Available	Data Label	1
6	R0386800A	8-32 X 1/2" Truss Hd. Tapite Screw	8
7	*13322800A	Black Nylon Washer	8
8	A13001800A	Right End Cap	1
9	*13405900A	Class II Label	1
	*13281800A	Class III/ III L Label	1
10	*13001900A	End Cap Gasket	1



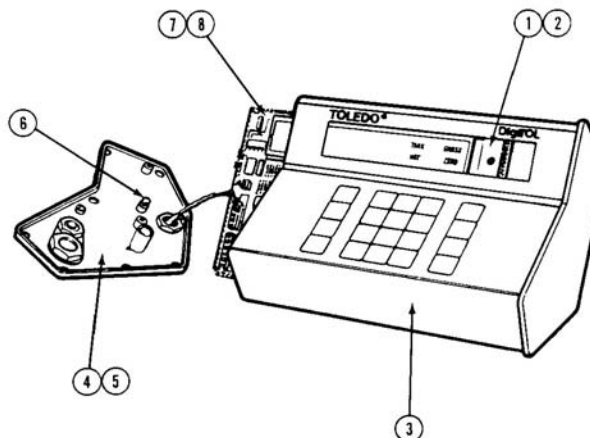
8520 Desk Enclosure - Exterior Rear

* Part number may have alpha prefix

Model 8520

8520 Desk Enclosure - Interior

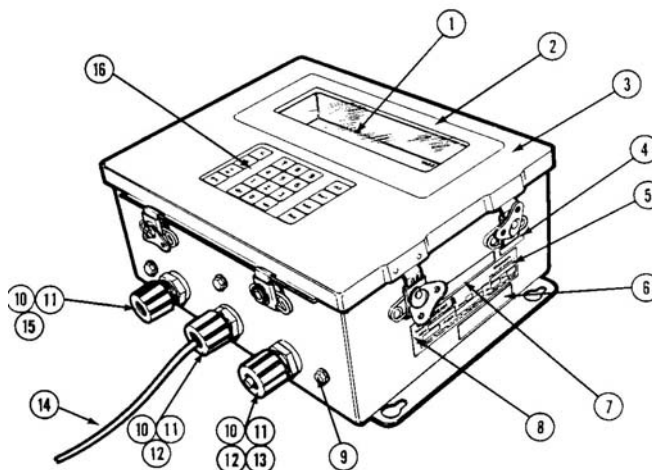
Ref.	Part Number	Description	Qty
1	*13002900A	Legend Plate (English)	1
2	*13003000A	Legend Backer Plate	1
3	A13000100A	Indicator Housing	1
4	A13001700A	Left End Cap	1
5	*13001900A	End Cap Gasket	1
6	R0357900A	Screw, 8-32 X 5/16" Self-Tapping	1
7	A13000700A	Logic PCB w/o Eprom	1
8	B13278500A	Eprom w/Carrier	1



8520 Desk Enclosure - Interior

8520 Wall Enclosure - Exterior

Ref.	Part Number	Description	Qty
1	*13252100A	Lens	1
2	*13263200A	Decorative Bezel	1
3	B13251700A	Enclosure Assembly	1
4	*13205900A	Class II Label *	1
5	*13281800A	Class III/ III L Label	1
6	Not Available	Data Plate	1
7	Not Available	Patent Label	1
8	B11854000A	FCC Label - 8520 - 1001	1
9	R0353300A	Rivet	2
10	R0356200A	1/4-20 X 3/8 H.H. Screw	3
11	*10469900A	"O" Ring Gasket	3
12	*11624000A	Sealing Lock Nut	3
13	*11741700A	Cord Connector	2
14	*13160600A	Plug .38 Diameter X 1.5	1
15	A13011000A	Line Cord Assembly	1
16	*11741500A	Cord Connector	1
17	*13371600A	Keyboard Assembly	1

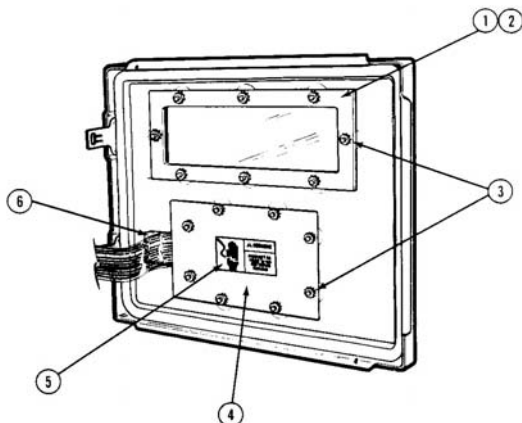


8520 Wall Enclosure - Exterior

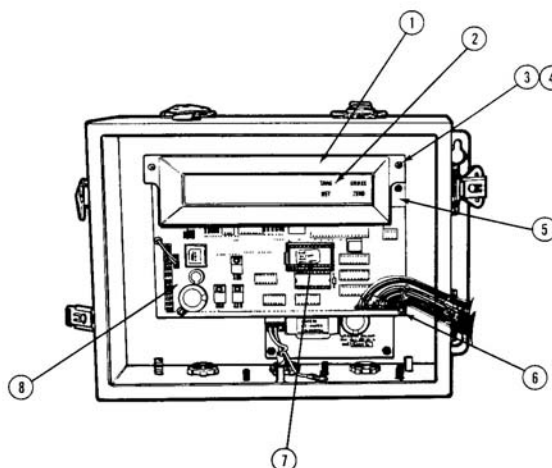
* Part number may have alpha prefix

8520 Wall Enclosure – Door

Ref.	Part Number	Description	Qty
1	*13252000A	Lens Clamp	1
2	*13252200A	Lens Gasket	1
3	R0329800A	#8-32 Nut w/Lockwasher	16
4	*13371600A	Keyboard Assembly	1
5	A12237300A	Warning Label (Included with Keyboard Assembly, 13371600A)	1
6	*11285500A	Cable Clamp	1



8520 Wall Enclosure – Door



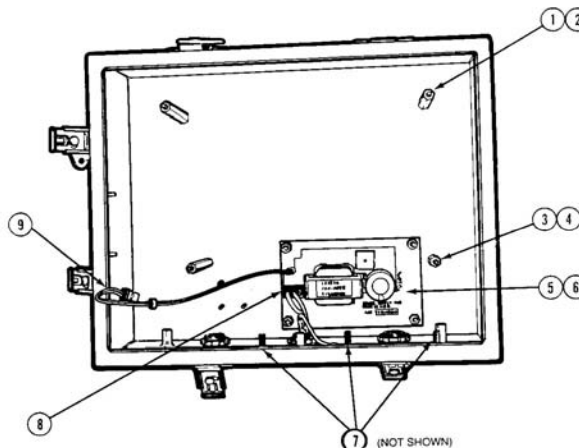
8520 Wall Enclosure – Interior

8520 Wall Enclosure – Interior

Ref.	Part Number	Description	Qty.
1	*13252300A	Bezel	1
2	*13002900A	Legend Plate (English)	1
3	R0299700A	Screw, #6-32 X 3/8"	2
4	*13269800A	Standoff, 6-32 X 1.125 f-f	2
5	*13003000A	Legend Backer Plate	1
6	R00813050	Hex Nut, #6-32	2
7	B13278500A	Eprom w/carrier	1
8	A13000700A	Logic PCB w/o Eprom	1

8520 Wall Enclosure – Power Supply

Ref.	Part Number	Description	Qty
1	R0254000A	8 Flat Washer	4
2	*13269500A	#6-32 X 3.75 Standoff	4
3	R00813050	#6-32 Nut	4
4	*10750200A	Standoff	4
5	*13276600A	Internal Power Supply PCB	1
6	*13269900A	PCB Insulator	1
7	R0329800A	#8 Nut	3
8	*09751800A	3-pin (white) Plug	1
9	*13320300A	Output Harness	1



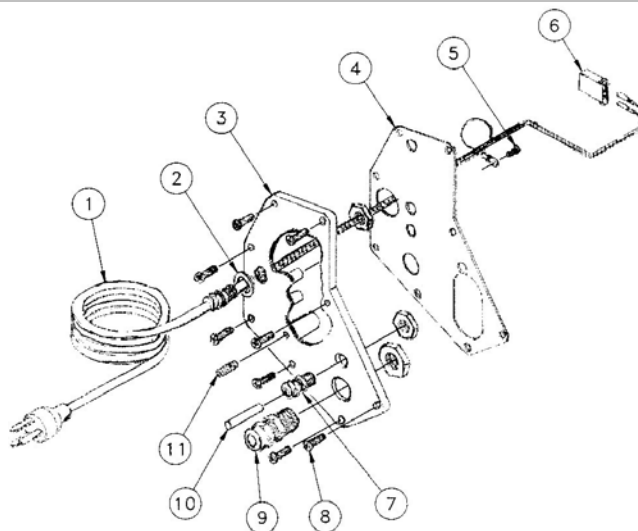
8520 Wall Enclosure – Power Supply

* Part number may have alpha prefix

Model 8522

8522 Left End Cap - Desk Enclosure

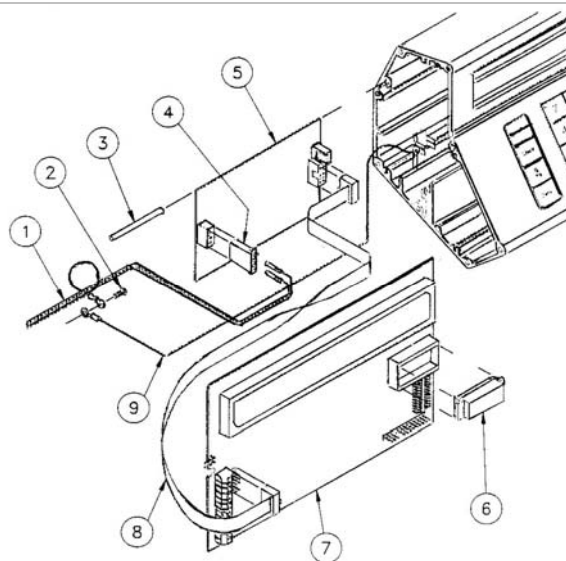
Ref.	Part Number	Description	Qty.
1	*13320200A	120 VAC Line Cord	1
2	*14050100A	Grip Bushing Gasket	1
3	*13001700A	Left End Cap	1
4	*13001900A	End Cap Gasket	2
5	*09751800A	3 pin Plug	1
6	R0357900A	#8-32 X 5/16 Ground Screw	1
7	*12901800A	Small Grip Bushing	1
8	R0386800A	End Cap Screws	16
9	*13002300A	Large Grip Bushing	1
10	*12903800A	Plastic Plug	1
11	R0327000A	1/4"-20 X 5/16" Setscrew	2



8522 Left End Cap - Desk Enclosure

8522 PCB's and Harnesses

Ref.	Part Number	Description	Qty.
1	*13320200A	AC Line Cord	1
2	R0357900A	#8-32 X 5/16 Ground Screw	1
3	*13945600A	PBC Retaining Rod	2
4	*09751800A	Three Pin Plug	1
5	*13788200A	100/110 VAC Power Supply PCB	1
	*13946000A	220/240 VAC Power Supply PCB	1
6	*13789000A	EPROM And Carrier	1
7	*13787300A	Main PCB	1
8	*13945700A	Power Harness	1
9	*13321900A	Ground Wire	1

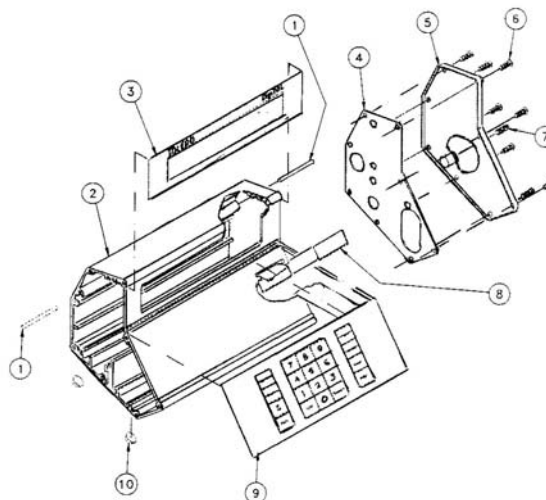


8522 PCB's and Harnesses

* Part number may have alpha prefix

8522 Keyboard, Enclosure

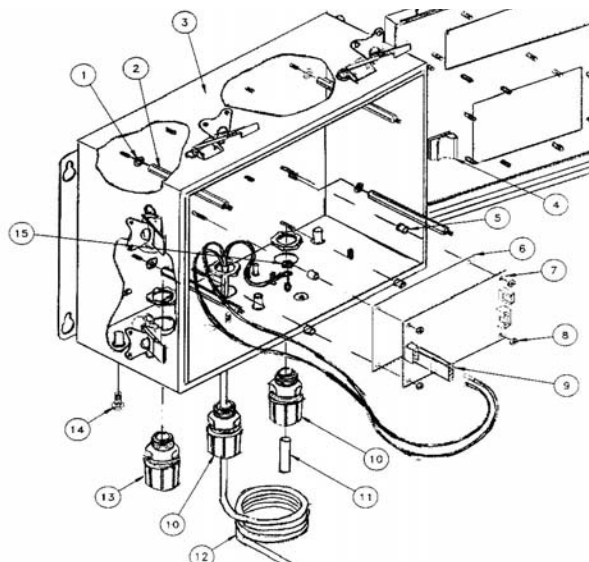
Ref.	Part Number	Description	Qty
1	*13945600A	PBC Retaining Rod	2
2	*14103300A	Enclosure	1
3	*13846700A	Standard Display Lens (DigiTOL® Load Cell)	1
	*14020600A	Conductive Display Lens (Analog Load Cell Option)	2
4	*13001900A	End Cap Gasket	1
5	*13001800A	Right End Cap	16
6	R0386800A	End Cap Screws	2
7	R0327000A	1/4"-20 X 5/16" Setscrew	1
8	*14161900A	Foam Tape (Inside Enclosure)	1
9	*13002300A	Keyboard Assembly	4
10	*12697100A	Bumper Feet	—



8522 Keyboard, Enclosure

8522 Enclosure and Hardware – Wall Enclosure

Ref.	Part Number	Description	Qty
1	R0254000A	#10 Flat Washer	4
2	*13269500A	#6-32 X 3.75" Standoff	4
3	*13251700A	Enclosure	1
4	*10750200A	PCB Spacer	4
5	*13269900A	PCB Insulator	1
6	*13788200A	100/110 VAC Supply PCB	1
	*13946000A	220/240 VAC Supply PCB	1
7	*11285500A	Plastic Wire Clamp	1
8	R00813050	#6-32 Nut	6
9	*09751800A	Three Pin Plug	2
10	*13785300A	Cable Grip .312 -.375	1
11	*13160600A	Plastic Plug	1
12	*13011000A	120 VAC Line Cord	1
13	*13785100A	Cable Grip .187 -.250	1
14	R0356200A	1/4"-20 X 3/8" Screw	3
15	R0329800A	#8-32 Locknut	21



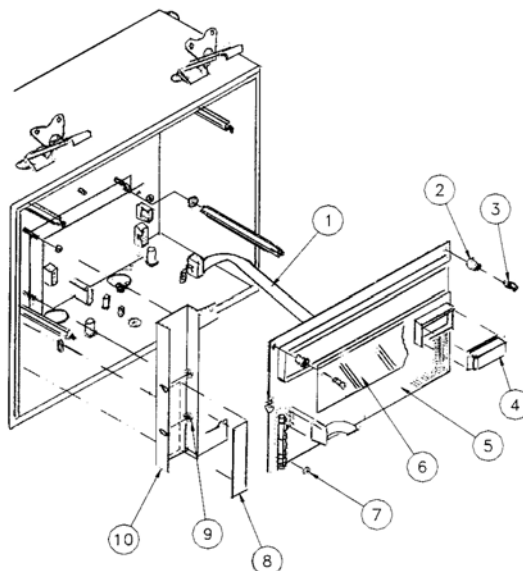
8522 Enclosure and Hardware – Wall Enclosure

* Part number may have alpha prefix

Model 8522

8522 Main PCB and Mounting Hardware - Wall Enclosure

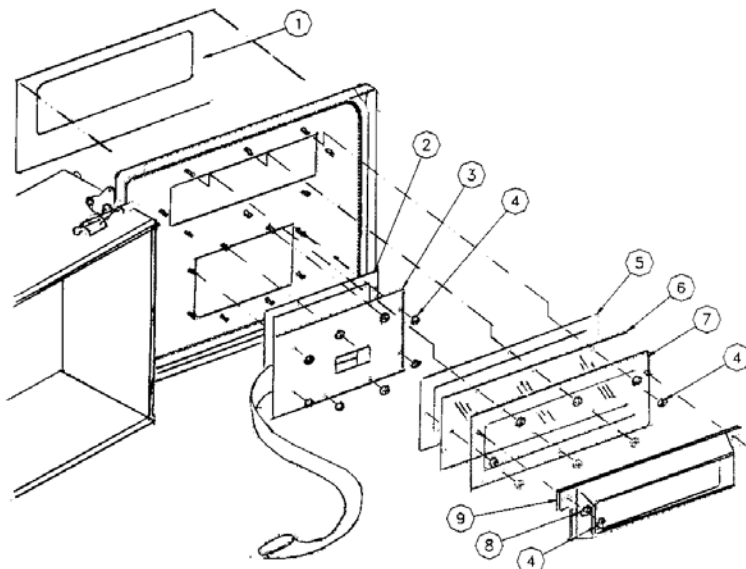
Ref.	Part Number	Description	Qty
1	*13945700A	Power Supply Harness	1
2	*13788000A	#6-32 X 3/8" Standoff	2
3	R0286500A	#6-32 X 1/4" Screw	2
4	*13789000A	EPROM and Chip Carrier	1
5	*13787300A	Main PCB	1
6	*13798100A	Display Filter Lens	1
7	R00813050	#6-32 Nut	6
8	*13946800A	Terminal Strip Label	1
9	R0329800A	#8-32 Locknut	21
10	*14013400A	Bracket	1



8522 Main PCB and Mounting Hardware - Wall Enclosure

8522 Keyboard/Display, Front Cover - Wall Enclosure

Ref.	Part Number	Description	Qty.
1	*13253200A	Decorative Bezel	1
2	*13252500A	Keyboard Gasket	1
3	*14059800A	Keyboard Assembly	1
4	R0329800A	#8-32, Locknut	21
5	*13252200A	Display Lens Gasket	1
6	*13252100A	Display Lens	1
7	*13946400A	Lens Clamp Plate	1
8	R0253900A	#8 Flat Washer	2
9	*13846800A	Display Bezel	1

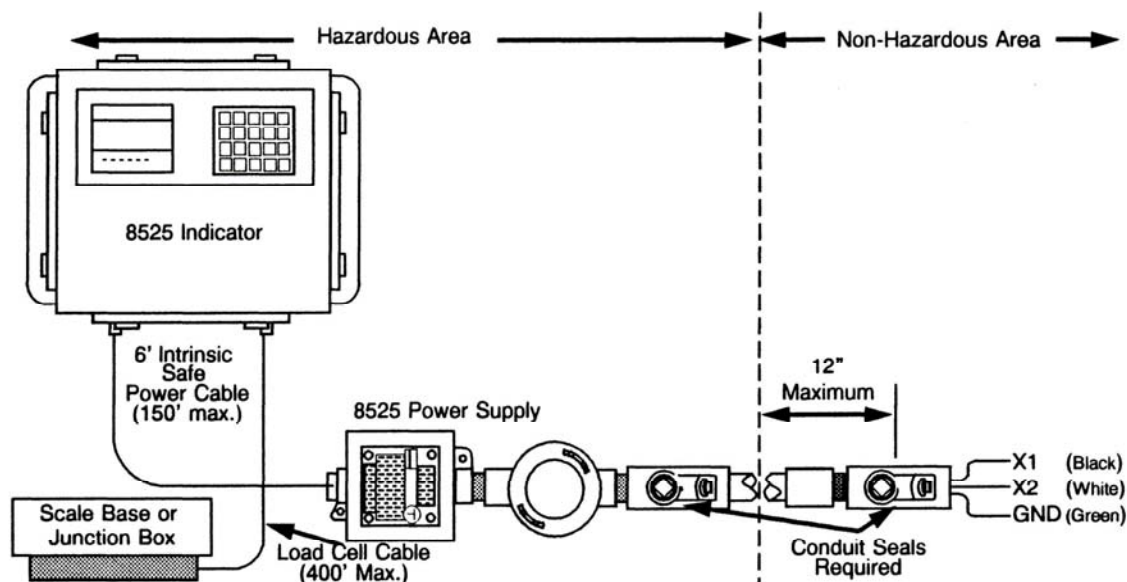


8522 Keyboard/Display, Front Cover - Wall Enclosure

* Part number may have alpha prefix

8525 Hazardous Indicator

Ref.	Part Number	Description	Qty.
—	90105400A	Power Supply Assembly, 120 VAC	—
—	90182100A	Power Supply Assembly, 230 VAC	—
—	*12018500A	.1 Amp, Slo-Blo Fuse, Type 3AG	—
—	*13875600A	.1 Amp, Time-Lag Fuse, Type TR5	—
—	*13492900A	Ferrite Ring	—
—	*12478300A	Conduit Seal, 3/4" with Nipple	—
—	*13493300A	Connector, Plug 8 Position (Without pins and cable clamp) (P2 Conn.)	—
—	*10718900A	Contact Pin (P2 Conn.)	—
—	*13894000A	Cable Grip (P2 Conn.)	—
—	*13894100A	Cable Boot (P2 Conn.)	—
—	*13774600A	Standard Power Supply Cable 6 ft. (P2 Conn.)	—
—	*90133900A	50 ft. Cable (Optional)	—
—	*90123400A	100 ft. Cable (Optional)	—
—	*30132500A	150 ft. Cable (Optional)	—
—	*14825600A	Universal Cable, 60 in.	—
—	*13469800A	Intrinsically Safe Battery Pack (10 AH)	—
—	*13776200A	Intrinsically Safe Battery Pack - Europe (10 AH)	—
—	*90228700A	Intrinsically Safe Battery Pack (8 AH)	—
—	*90166300A	Battery Charger, 120V	—
—	*13471500A	Fiber Optic Data I/O with Converter	—
—	*13774800A	Fiber Optic Data I/O without Converter	—
—	*13320600A	Wall Mount Bracket (Desk Enclosure)	—
—	*13323400A	Legend Plate	—
—	*90037000A	Battery Charger (U.S.) 120 VAC, 60 HZ	—
—	*90037100A	Battery Charger (Export) 240 VAC, 50 HZ	—
—	*90166000A	Battery Charger (UK) 230 VAC, 50 HZ	—



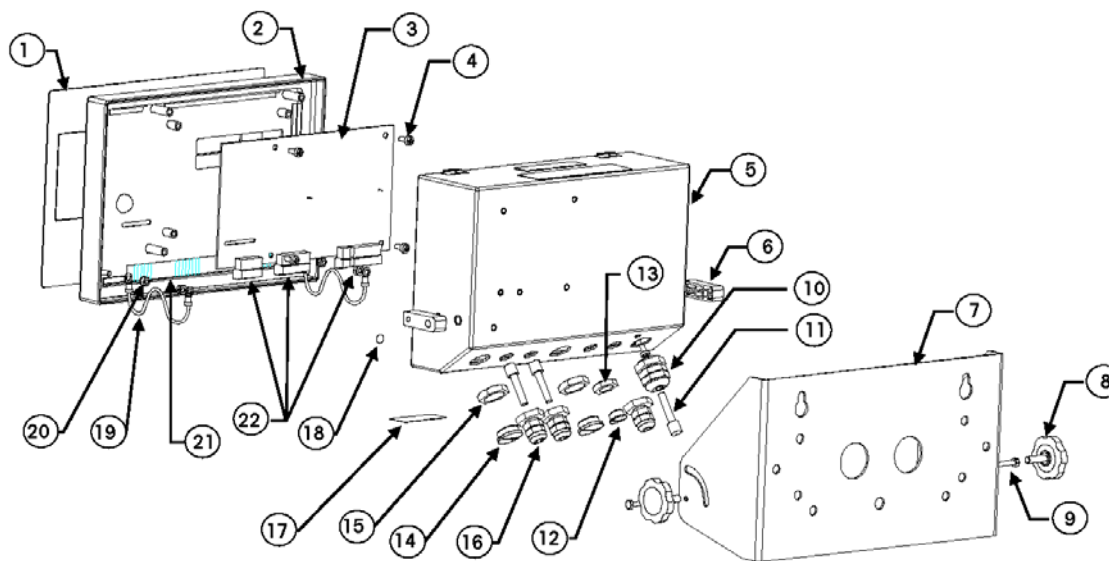
8525 Hazardous Indicator

* Part number may have alpha prefix

Model 8530

8530 Cougar Indicator

Ref.	Part Number	Description	Qty.
1	*15376200A	Keyboard Assembly	1
2	*15322300A	Front Cover Assembly	1
3	*15434900A	PCB Assembly (Standard)	1
4	R0511100A	Tapite Screw, Phillips, M4x10	4
5	*14465700A	Enclosure Assembly	1
6	14734500A	Spacer, Mounting Bracket	2
7	*14734400A	Mounting Bracket	1
8	*14734600A	Plastic Knob, M6x20	2
9	R0520400A	Pan Head Screw, M4x8	1
10	*13002300A	Cord Bushing, 0.200-0.394	1
11	*14467600A	Hole Plug, 0.24-0.38	3
12	*14399900A	Hole Plug, PG7	1
13	*14577900A	Hex Nut, PG7	1
14	*14724000A	Threaded Plug, PG11	2
15	*14724100A	Hex Nut, PG11	2
16	*12901800A	Cord Bushing, 0.118-0.255	3
17	*12699700A	Warning Label, Disconnect Power	1
18	*14531400A	Ground Label, BSI, 0.31 OD	1
19	*14467500A	Tension Cable, 3"	2
20	R0519600A	Hex Nut, KEPS, M4	5
21	*15322100A	Field Termination Label	1
22	*14113100A	Terminal Strip, Six Position	1
23	*14113300A	Terminal Strip, Eight Position	2
Not Shown	R0528000A	Hex Head Screw, M4x20, SS	2
Not Shown	*14749600A	Power Supply Assembly	1
Not Shown	*10839700A	Foot, Adhesive Back	4
Not Shown	*11511200A	Foot, Adhesive Back	1
Not Shown	*15399700A	Address Label Set	1
Not Shown	*14235400A	Capacity Label	1
Not Shown	*14476100A	Screwdriver	1
Not Shown	*12363300A	Security Seal Label	2
Not Shown	*14901700A	Capacity Label, CE	1
Not Shown	*12895900A	Battery	1

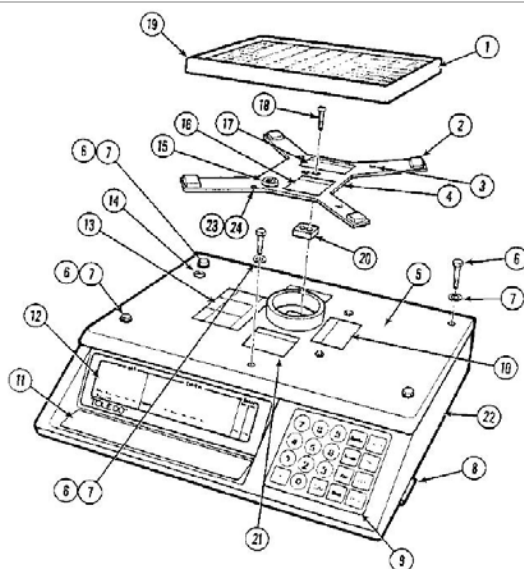


8530 Cougar Indicator

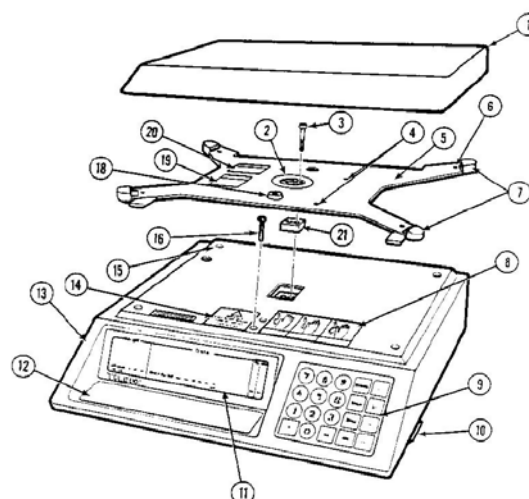
* Part number may have alpha prefix

8582 Desk Enclosure Exterior (Low Capacity)

Ref.	Part Number	Description	Qty.
1	*11519300A	Plastic Platter Assembly	1
2	*12698300A	Hook Fastener	4
3	R0357500A	Set Screw, 3/8 -24 X 1/2"	2
4	*13134700A	Sub-Platter Assembly	1
5	B12698700A	Dead Deck (3")	1
6	B12698700A	Dead Deck (2")	1
7	R0371900A	Nylon Screw, 8-32 X 3/4"	5
8	R0370800A	Nylon Washer, #8	5
9	*11913300A	Power Switch	1
10	*13191200A	Keyboard Assembly	1
11	*11603300A	Static Caution Label	1
12	*12513400B	Decorative White Bezel	1
13	*12978700A	Display Lens	1
14	A11879200A	Power Warning Label	1
15	R0381600A	Setup Hole Plug	1
16	*10268900A	Level Bubble	1
17	*11985900A	Load Cell Spec. Label	1
18	*12269200A	Set Screw Caution Label	1
19	R0350800A	Screw, 1/4-28 X 1-1/2"	2
20	*11519000A	Loop Fastener (Not Shown)	4
21	*12739500A	Spacer Block	1
22	*13191900A	Load Cell Caution Label (2")	1
	*12238800A	White Cover (3")	1
23	*12238800E	White Cover (2")	1
24	R0383100A	O-ring (2") (for shipping)	2
Not Shown	R01145130	Screw, 8-32 X 3/4" (2") (for shipping)	2



8582 Desk Enclosure Exterior (Low Capacity)



8582 Desk Enclosure Exterior (High Capacity)

8582 Desk Enclosure Exterior (High Capacity)

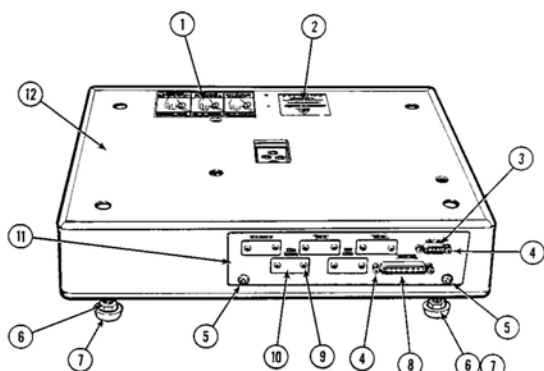
Ref.	Part Number	Description	Qty.
1	*12698600A	Black Platter	1
2	B12234700A	Platter Pad	1
3	R0350800A	Hex Screw, 1/4-28 X 1-1/2"	2
4	R0357500A	Set Screw, 3/8 -24 X 1/2"	2
5	*12697200A	Sub-Platter Assembly (4")	1
	*12697200B	Sub-Platter Assembly (5.6")	1
6	R0364600A	Set Screw, 1/4-28 X 1/2"	1
7	*12050900A	Conductive Pad	2
8	A11879200A	Power Warning Label	4
9	*13191200A	Keyboard Assembly	1
10	*11913300A	Power Switch	1
11	*12978700A	Display Lens	1
12	*12513400B	Decorative White Bezel	1
13	*12238800A	White Cover	1
14	*11603300A	Static Caution Label	1
15	R0349800A	Screw, 8-32 X 3/8"	4
16	R0357300A	Black Sealing Screw	1
17	R0259600A	Sealing Screw	1
18	*10268900A	Level Bubble	1
19	*11985900A	Load Cell Spec. Label	1
20	*12269200A	Set Screw Caution Label	1
21	*12739500A	Spacer Block (4.5")	1
Not Shown	*12565700A	Spacer Block (6")	1

* Part number may have an alpha prefix

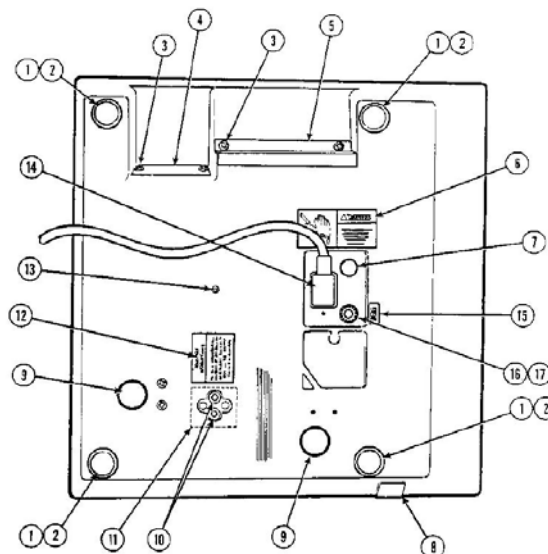
Model 8582

8582 Desk Enclosure Rear Connector Plate

Ref.	Part Number	Description	Qty.
1	A11879200A	Power Warning Label	1
2	*11603300A	Static Caution Label	1
3	*12980100A	I/O 1 Harness	1
4	*10856800A	Hex Standoff Kit	2
5	R0322500A	Plastite Screw, #6 X 1/4"	2
6	*00187400B	Nut, 5/16 - 18	4
7	*12241000A	Leveling Leg	4
8	*12980000A	Printer Harness	1
9	R0344000A	Screw, 60-32 X 1/4"	10
10	*12931400A	Cover Plate	5
11	*12931300A	Connector Plate	1
12	*12238800E	White Cover (2")	1
Not Shown	*12238800A	White Cover (3,4,5,6")	1



8582 Desk Enclosure Rear Connector Plate



8582 Desk Enclosure Bottom Of Base

8582 Desk Enclosure Bottom Of Base

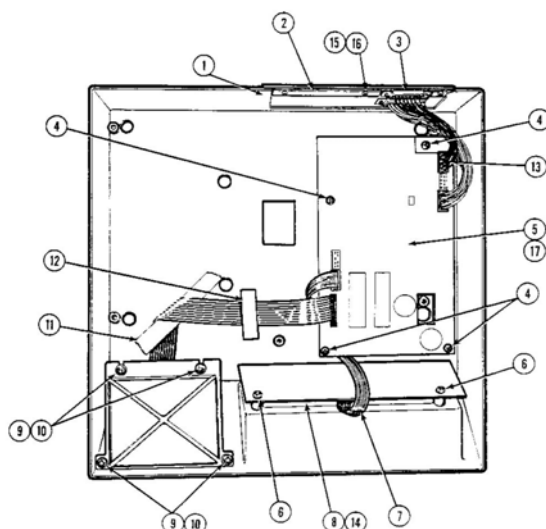
Ref.	Part Number	Description	Qty.
1	*12241000A	Nut, 5/16 - 18 (Not Shown)	4
2	*00187400N	Taptite Screw, 8-32 X 3/8 "	2
3	R02180050	Small Cover Plate	1
4	*12232200A	Large Cover Plate	1
5	*12232100A	Fuse Warning Label	1
6	A12237300A	Whet Hole Plug	1
7	R0322100A	Power Switch	1
8	*11913300A	Black Hole Plug	1
9	R0302000A	Hex Screw, 1/4-28 X 1" (2,3,4,5**)	2
10	R0350700A	Hex Screw, 1/4 - 28 X 3/4" (6**)	2
	R0240100A	Bottom Load Cell Spacer	1
11	A12233900A	(2,3,4,5**) (Not Shown)	1
12	*11985900A	Assembly Spec, Label	1
13	R0304600A	Overload Screw, 1/4- 28 X1" (2,3")	1
14	*10944500A	Power line Cord	1
15	*11214700A	Fuse Label	1
16	*12480100A	Fuse Holder Assembly	1
17	*11214500A	Fuse 0.5A Slo-Blo (120 VAC)	1
	*09592000A	Fuse, 0.25A Slo-Blo (220 VAC)	1

** Indicates factory number

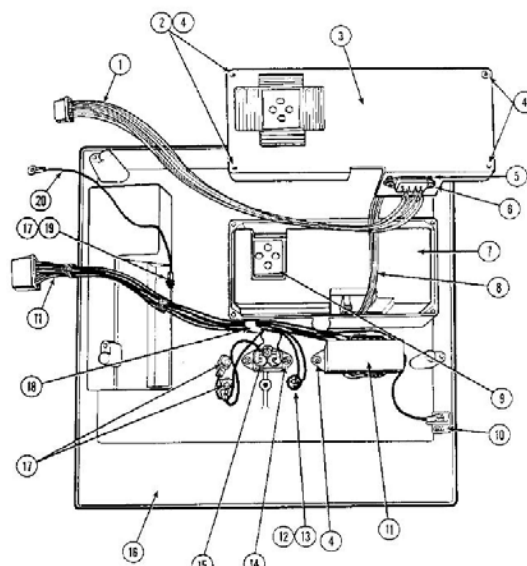
* Part number may have an alpha prefix

8582 Desk Enclosure PCB's And Cover

Ref.	Part Number	Description	Qty.
1	*12238800A	White Cover (3,4,5,6**)	1
	*12238800E	White Cover (2**)	1
2	*12931700A	Copper Ground Strip	1
3	*12980000A	Printer Harness	1
4	R0322500A	Plastite Screw, #6 X 1/4"	4
5	C12978900A	Logic PCB	1
6	R0349500A	Plastite Screw, #6 X 5/8"	2
7	*12705400A	Display Harness	1
8	*12423200A	Display PCB	1
9	R0254100A	Washer, # 6	4
10	R0264000A	Plastite Screw, #6 X 3/8"	4
11	*754160001	Tape	5"
12	*12576800A	Keyboard Cable Clamp	1
13	*12980100A	I/O 1 Harness	1
14	*12309100A	Display PCB insulation Paper (Not Shown)	1
15	R0328300A	Nut, 6-32	3
16	*12931600A	Standoff	3
17	*12715600A	Logic PCB Insulation Paper (Not Shown)	1



8582 Desk Enclosure PCB's And Cover



8582 Desk Enclosure Interior Of Base

8582 Desk Enclosure Interior Of Base

Ref.	Part Number	Description	Qty.
1	A12269300A	Standoff (2**)	1
2	*13136600A	Load Cell Cover Assembly	2
3	B12313200A	Screw, 8-32 X 3/8"	1
4	R02180050	Hex Standoff Kit	4
5	*12578900A	Screw, 4-40 X 3/16"	2
6	R01862050	3.75 kg Load Cell (2**)	2
7	*13139800A	7.5 kg Load Cell (3**)	1
	*12982800A	15 kg Load Cell (4**)	1
	*12983000A	30 kg Load Cell (5**)	1
	*12983800A	60 kg Load Cell (6**)	1
	*12984200A	Internal Load Cell Harness	1
8	A12271800A	Spacer Block (2,3,4,5**)	1
9	*12739500A	Spacer Block (6**)	1
	*12565700A	Power Switch	1
10	*11913300A	Transformer Assembly	1
11	A12932400A	Fuse Holder Assembly	1
12	*12480100A	Fuse, 0.5A Slo-Blo (120 VAC)	1
13	*11214500A	Fuse, 0.25A Slo-Blo (220 VAC)	1
	*09592000A	Screw, #6 X 1/4"	1
14	R0322500A	Line Filter Assembly	2
15	*11993200A	None - Included in Transformer Assembly (Item 11)	1
16	*12698500A	Scale Base (2,3")	1
	*12422400A	Scale Base (4,5,6")	1
17	R0361200A	Screw, 8-32 X 3/8"	2
18	*10833900A	Cable Clamp	1
19	A11948900A	Spade Terminal	1
20	*12930900A	Ground wire	1

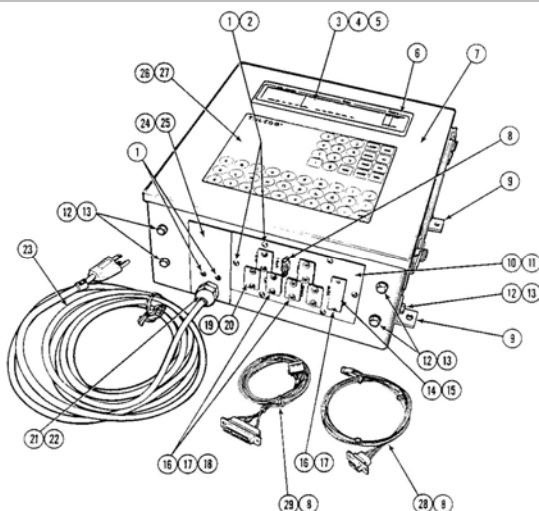
** Indicates factory number

* Part number may have an alpha prefix

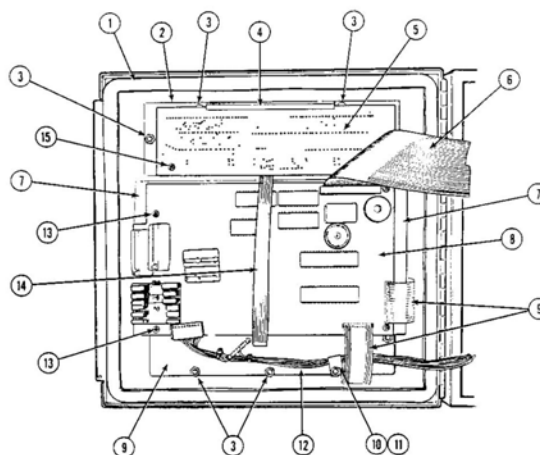
Model 8582

8582 Wall Enclosure Exterior

Ref.	Part Number	Description	Qty.
1	R00848050	Screw, 8-32 X 5/16"	8
2	R0329800A	Locknut, 8-32	6
3	*12978500A	Display Lens	1
4	*12731900A	Lens Gasket	1
5	A12731400A	Display Lens Bracket	1
6	*12978600A	Bezel	1
7	B12996400A	Enclosure Assembly	1
8	*10856800A	Screw Lock Assembly	3
9	*12977300A	"L" Bracket	4
10	*12978200A	Bottom Connector Plate	1
11	A13165900A	Connector Plate Gasket	1
12	R0207200A	Screw, 4-40 X 1/2"	8
13	R0372700A	Lockwasher, 1/4"	8
14	*13192200A	Printer cover Plate	1
15	*13190100A	Cover Plate Gasket	1
16	R01850050	Screw, 4-40 X 1/2"	14
17	R0363800A	Nut, 4-40	14
18	R0254100A	Flat Washer, #6	12
19	*13192100A	9 - Pin Cover Plate	6
20	A13133800A	Cover Plate Gasket	6
21	*12903900A	Cord connector	1
22	*13166600A	Connector Shim (Not Shown)	1
23	*10716400A	Power Cord	1
24	*13166800A	Adaptor Plate	1
25	*13166900A	Plate Gasket	1
26	*13191300A	Keyboard Assembly	1
27	*12732000A	Keyboard Gasket	1
28	*12932000A	I/O 1 Harness	1
29	*12931900A	Printer Harness	1



8582 Wall Enclosure Exterior



8582 Wall Enclosure Interior Of Door

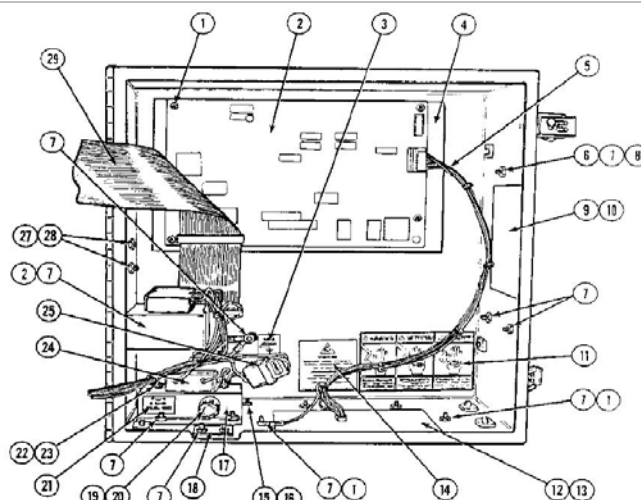
8582 Wall Enclosure Interior Of Door

Ref.	Part Number	Description	Qty.
1	Not Available Separately	Door Gasket	—
2	A12731400A	Lens Bracket	1
3	R0329800A	Locknut, 8-32	15
4	*11238500A	Card Guide	1
5	*12423200A	Display PCB	1
6	*12932100A	Ribbon Harness	1
7	*12999300A	PCB Insulating Paper	1
8	C12978900A	Logic PCB	1
9	*13191300A	Keyboard Assembly	1
10	*12476400A	Cable Clamp	1
11	R01611050	Nut, 8-32	1
12	A13190200A	Transformer Assembly	1
13	R00844130	Screw, 8-32 X 3/8"	4
14	*12705400A	Display Ribbon Harness	1
15	R0224700A	Screw, 6-32 X 3/8"	2

* Part number may have an alpha prefix

8582 Wall Enclosure Interior

Ref.	Part Number	Description	Qty.
1	R00848050	Screw, 8-32 X 5/16	10
2	*12976400A	Analog Scale PCB	1
3	11711300A	Chassis Ground Decal	1
4	*12999300A	PCB Insulating Paper	1
5	*12980700A	Analog Load Cell Harness	1
6	R0281400A	Flat Washer, #8	1
7	R0329800A	Nut, 8-32 w/Lockwasher	19
8	*015383050	Plain Washer	1
9	*12996600A	Side Cover Plate Gasket	1
10	*12999900A	Cover Plate Gasket	1
11	A11879200A	Warning Label	1
12	*12978200A	Bottom Connector Plate	1
13	A131365900A	Connector Plate Gasket	1
14	*11603300A	Static Caution Label	1
15	R01678050	Nut, 4-40	2
16	R01679050	Lockwasher, #4	2
17	*13166500A	Line Filter Bracket	1
18	*13166700A	Clamp Plate	1
19	*12480100A	Fuse Holder Assembly	1
20	11214500A	0.5A Slo-Blo Fuse (120 VAC)	1
21	*09592000A	0.25 A Slo-Blo Fuse (220 VAC)	1
22	*11214700A	Fuse Label (0.5 Amp)	1
23	R0361200A	Screw, 8-32 X 3/8"	2
24	R0058900A	Lockwasher, #8	2
25	A13190300A	Line Filter Assembly	1
26	*12466800A	Line Cord Plug *	1
27	A13190200A	Transformer Assembly	1
28	R0328300A	Locknut, 6-32	2
29	R0343400A	Screw, 6-32 X 3/8"	2
Not Shown	*12932100A	Ribbon Harness	1



8582 Wall Enclosure Interior

8582 Recommended Spare Parts

Ref.	Part Number	Description	Qty.
1	*11214500A	Fuse, 1/2 Amp Slo-Blo	5
2	*12978900A	Logic PCB	1
3	*13191200A	Keyboard Assembly (Desk)	1
4	*13191300A	Keyboard Assembly (Wall)	1
5	*12976400A	Analog Scale PCB	—
6	*12978800A	Digital Scale PCB	—
7	*12976600A	Serial I/O 2 PCB	—
8	*12977800A	Serial I/O 2 - Memory PCB	—
9	*12730400A	Bar Code PCB	—

8582 Optional Kit Of Parts

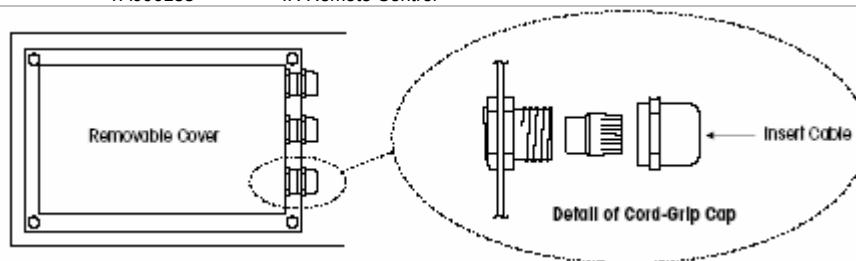
Factory Number	Part Number	Description
0901-0227	*13131100A	Scale 2 (Desk) - Analog
0901-0228	*13131200A	Scale 3 (Wall) - Analog
0901-0229	*13131300A	Scale 2 (Desk) - Digital
0901-0230	*13131400A	Scale 3 (Desk) - Digital
0901-0231	*13131500A	Qwerty Keyboard
0901-0232	*13131600A	Membrane Keyboard
0901-0233	*13131700A	Multidrop Interface
0901-0234	*13131800A	Serial I/O 2
0901-0235	*13131900A	Serial I/O 2 - Memory
0901-0236	*13132000A	Bar Code Scanning
0901-0237	*13132100A	Scale 3 (Desk) Analog
0901-0238	*13132200A	Scale 3 (Desk) - Digital
	*12977700A	Card Guide

* Part number may have an alpha prefix

Model 8618

8618 Scoreboard

Ref.	Part Number	Description	Qty.
	MZ0302000116	Controller PCB 1	1
	MZ0302000117	Power Supply PCB	1
	MZ0302000118	Full Back Cover (includes gasket and screws)	1
	MZ0302000121	Gasket and Screws	1
	MZ0302000122	Mounting Bracket	1
	TA000138	IR Remote Control	1

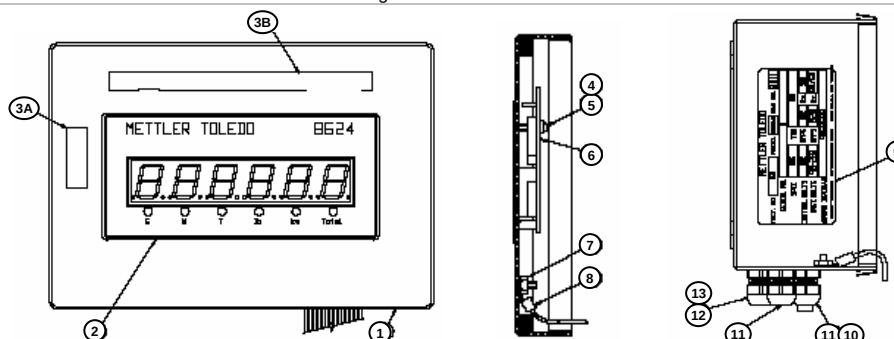


8618 Scoreboard

*Part number may have an alpha prefix

8624 Remote Display Wall Mount Cover and External

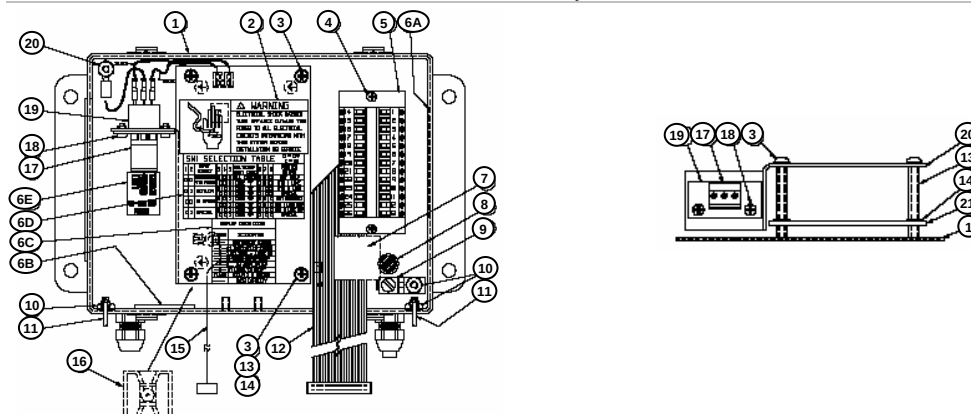
Ref.	Part Number	Description	Qty.
1	*90236100A	Cover, Stainless Steel, NEMA 4X	1
2	*90237800A	Bezel - Lens	1
3 A-B	A90273200A	ID Label (Multiple Parts)	1
4	R01916050	Screw, 4-40 x 25	4
5	MZ0901030030	Washer, Nylon #4	2
6	*14380000A	Display Logic PCB	1
7	R0329800A	Hex Nut, 8-32 W/Washer	6
8	*14467500A	Hinge Cable	2
9	*90161400A	Label, Serial	1
10	*12903800A	Plug	1
11	*12901800A	Cord Connector and Nut	2
12	*14054000A	Cord Connector and Nut	1
13	*12903800A	Plug	1



8624 Remote Display Wall Mount Cover and External

8624 Remote Display Wall Mount Internal

Ref.	Part Number	Description	Qty.
1	*90238200A	Enclosure, NEMA 4X, Stainless Steel	1
2	*90237900A	Label, Electrical Shock Hazard	1
3	R01375050	Screw, Mach rnd hd6-32x.375 W/Washer	4
4	R01865050	Screw, 4-40 x 1/2	2
5	*90236600A	Terminal Block	1
6 A-E	A90273200A	ID Label (Multiple Parts)	1
7	*11285500A	Cable Clamp, Flat	1
8	*12943000A	Label, Ground Symbol	1
9	*09870100A	Ground Lug	1
10	R0329800A	Hex Nut, 8 - 32 W/Washer	6
11	*14467500A	Hinge Cable	2
12	*90237500A	Harness Assembly	1
13	KN771633020	Standoff, 6-32	4
14	R0267600A	Washer, Flat	4
15	*90228500A	Harness, DC Power Supply	1
16	*12191100A	Clamp (Cable Tie)	1
Not Shown	KN768945020	Cable Tie	1
17	*90229200A	Connector, Terminal Block Plug, 3 Pos.	1
18	R01916050	Screw, 4-40 x 25	4
19	*90240000A	Harness Assembly, AC Power	1
20	*90228600A	Mounting Plate	1
21	*90228200A	Power Supply	1
Not Shown	A90030100A	**Optional Fibre Optic PCB	1
Not Shown	*90227500A	**Harness, Fibre Optic to Logic PCB	1
Not Shown	R0240000A	**Screw, 4-40 X .43 Lg	2
Not Shown	MZ0901030030	**Washer, Flat Nylon	2



8624 Remote Display Wall Mount Internal

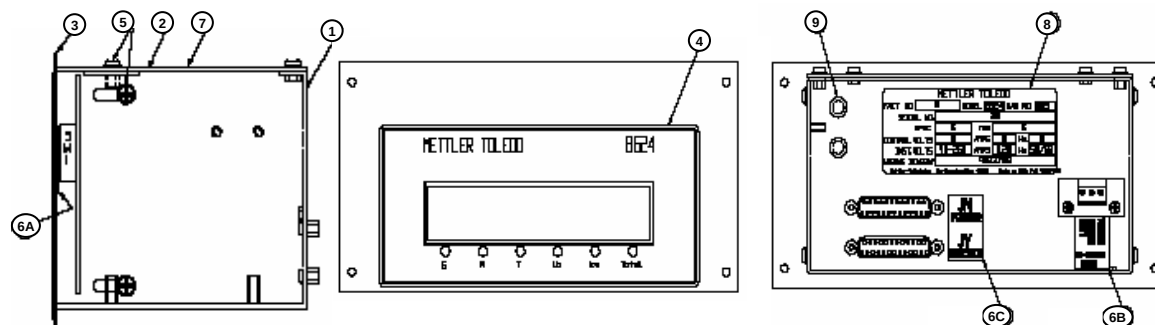
** Indicates parts are included in the optional fibre optic kit, part number *90239100A

* Part number may have an alpha prefix

Model 8624

8624 Remote Display Panel Mount External

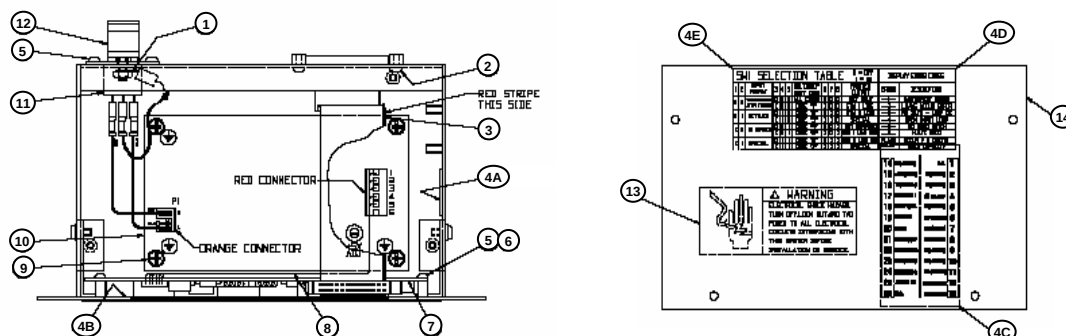
Ref.	Part Number	Description	Qty.
1	*90236500A	Enclosure, Panel Mount	1
2	*90068200A	Top Plate Assembly	1
3	*90236400A	Front Plate Assembly	1
4	*90237800A	Display Lens	1
5	R0521100A	Screw, #6-32 x 5/16, W/Washer, Black	10
6 A-C	A90237200A	Label, ID (Multiple Parts)	1
7	*90237900A	Label, Hazardous Area	1
8	*90161400A	Label, Serial	1
9	*R0261700A	Hole plug	1



8624 Remote Display Panel Mount External

8624 Remote Display Panel Mount Internal

Ref.	Part Number	Description	Qty.
1	R0328300A	Nut, #6-32, W/Washer	1
2	R0521200A	Screw, #4 - 40 x .18 W/Washer	4
3	*90055800A	Ribbon Harness Assembly	1
4 A-E	A90237200A	Label, ID (Multiple Parts)	1
5	R01916050	Screw, #4 - 40 x .250	4
6	MZ0901030030	Washer, #4 Nylon	2
7	*14380000A	Display PCB	1
8	*90228500A	Harness Assembly, DC Power	1
9	R01375050	Screw, #6-32 x .375 W/Washer	4
10	*90228200A	Power Supply	1
11	*90240000A	Harness Assembly, AC Power	1
12	*90229200A	Connector, 3 Position Terminal Block	1
Not Shown	A90030100A	**Optional Fibre Optic PCB	1
Not Shown	*90227500A	**Harness, Fibre Optic to Logic PCB	1
Not Shown	R0240000A	**Screw, 4-40 X .43 Lg	2
Not Shown	MZ0901030030	**Washer, Flat Nylon	2



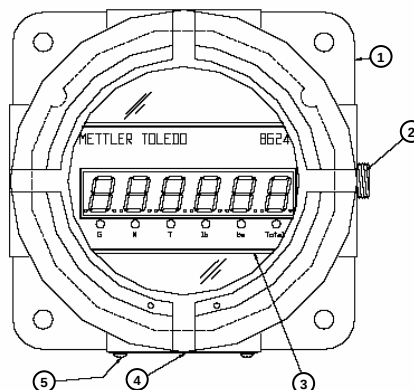
8624 Remote Display Panel Mount Internal

* Part number may have an alpha prefix

** Indicates parts are included in the optional fibre optic kit, part number *90239100A

8624 Remote Display Explosion Proof, External

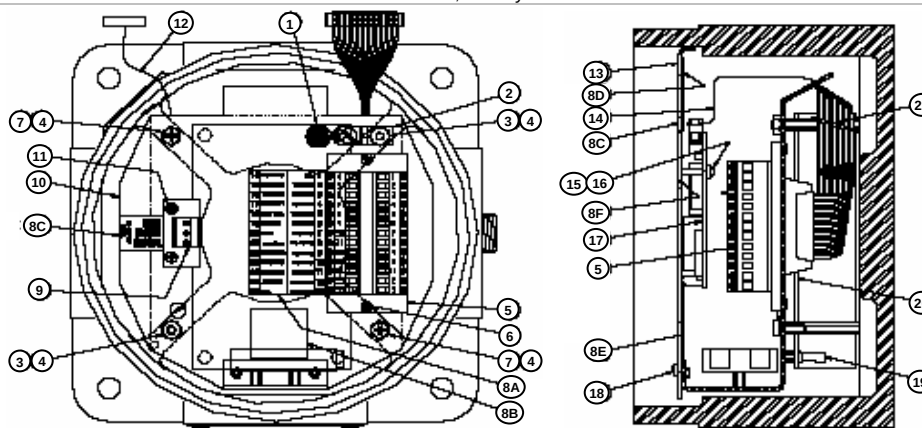
Ref.	Part Number	Description	Qty.
1	*90042300A	Enclosure, NEMA 7/9	1
2	KN770100020	Hole Plug, 1/2"	1
3	*90237800A	Bezel - Lens	1
4	C11890700A	Serial Plate	1
5	R00510030	Drive Screw, #4-32 x .18	1



8624 Remote Display Explosion Proof, External

8624 Remote Display Explosion Proof, Internal

Ref.	Part Number	Description	Qty.
1	*12943000A	Label, Ground Symbol	1
2	*09870100A	Ground Lug	1
3	R0329800A	Hex Nut, #8-32, W/Washer	2
4	*90242500A	Stud, 8-32 x 1.38 Lg	4
5	*90236600A	Terminal Block	1
6	R01865050	Screw, #4-40 x 1/2	2
7	R01239050	Screw w/Lockwasher, #6-32 x .31	2
8 A-G	A90237200A	ID Label (Multiple Parts)	1
9	*90229200A	Connector, Terminal Block, 3 Pos.	1
10	*90237400A	Base Plate	1
11	R01916050	Screw, #4-40 x .25	4
12	*90228500A	Harness Assembly, DC Power	1
13	*90067700A	Cover Plate	1
14	*90237500A	Harness, 13" Ribbon	1
15	*R01916050	Screw, #4-40 x .25	4
16	MZ0901030030	Nylon Washer, #4	2
17	*14380000A	Display PCB	1
18	R0521100A	Screw, #6-32 x .31, W/Washer	7
19	*09870100A	Ground Lug	1
20	*90228200A	Power Supply	1
21	KN768945020	Cable Tie	1
Not Shown	A90030100A	**Optional Fibre Optic PCB	1
Not Shown	*90227500A	**Harness, Fibre Optic to Logic PCB	1
Not Shown	R0240000A	**Screw, 4-40 X .43 Lg	2
Not Shown	MZ0901030030	**Washer, Flat Nylon	2



8624 Remote Display Explosion Proof, Internal

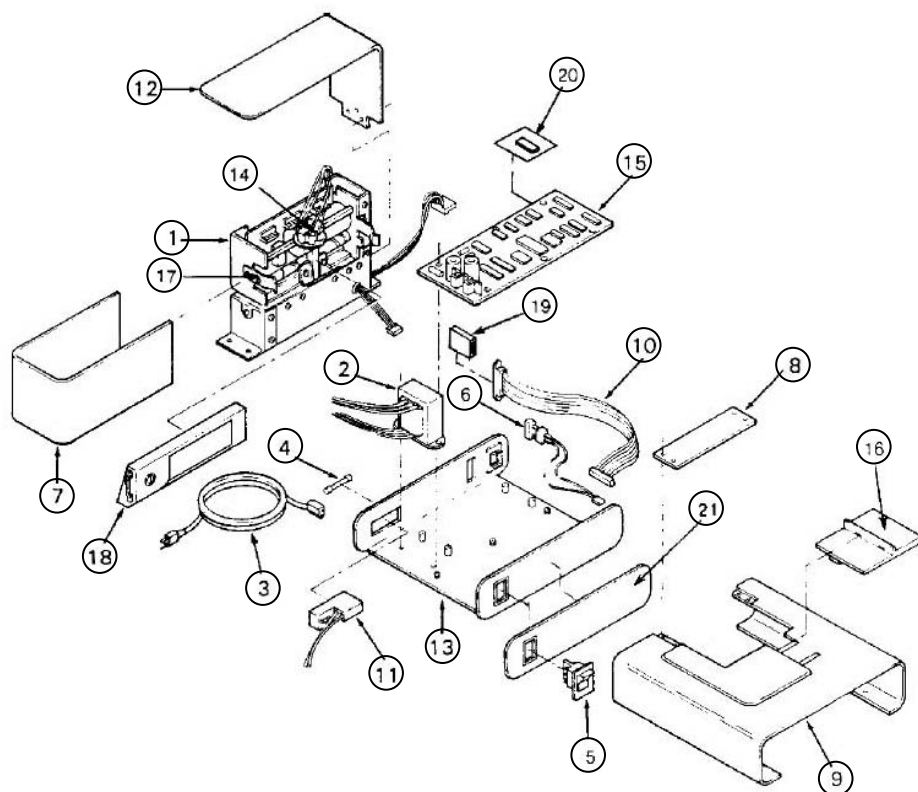
** Indicates parts are included in the optional fibre optic kit, part number *90239100A

* Part number may have an alpha prefix

Model 8804

8804 Printer

Ref.	Part Number	Description	Qty
1	*12807600A	Printer Module	—
2	*12807700A	Transformer Assembly	—
3	*10386700A	Line Cord	—
4	*09440800A	Fuse (2 A Slo-Blo) 120V	—
	*11250900A	Fuse (1A Slo-Blo) 240V	—
5	*12807100A	Power Switch	—
6	*12807000A	Manual Clamp Switch Cover Assembly	—
7	*12807300A	Mechanism shroud (Black)	—
8	*12807400A	Rear Cover Platte	—
9	*12807200A	Cover Assembly w//document plate	—
10	*12807800A	Ribbon Cable	—
11	*12807900A	Fuseholder Assembly	—
12	*12808100A	Top Cover Assembly	—
13	*12808300A	Chassis	—
*14	*12808400A	Print Head assembly	—
15	*12808200A	Logic PCB	—
16	*12808700A	Ticket Guide	—
17	*11553200A	Spring Clip	—
18	*11553400A	Ribbon Cartridge (Purple)	—
	*11554200A	Ribbon Cartridge (Black)	—
19	*12735800A	Adaptor Plug	—
20	*12808900A	Sensor Buffer PCB	—
21	*12735500A	Front Panel Decal	—
22	*11552900A	Sensor (paper) Not Shown	—



8804 Printer

* Part number may have an alpha prefix

Models 8805 and 8806

8805 Printer

Ref.	Part Number	Description	Qty
—	A11084400A	PRINT SWITCH KOP	—
—	A11082200A	PRINTBUTTON HARNESS	—
—	*12513300A	COVER & KTBRD RETROFIT	—
—	*12438800A	KEYBOARD FOR 12513300A	—
—	A11089300A	COVER MAIN UNIT	—
—	*10839700A	RUBBER FEET	—
—	C11089400A	COVER TOP HAT	—
—	R0261900A	THUMB SCREW FOR PAPER GUIDE	—
—	*11090500A	PAPER GUIDE	—
—	A11089600A	DISPLAY LENS ASSB	—
—	A11087900A	DUST COVER	—
—	*11091000A	PRINT MODULE	—
—	*11087500A	PRINT HEAD	—
—	A11082500A	I/O DATA HARNESS	—
—	A11082100A	CLOCK HARNESS WITH PUSHBUTTONS	—
—	*11090900A	BOOT, PUSHBUTTON	—
—	*11087000A	OPTICAL LIMIT SWITCH	—
—	*12465400A	FUSE, 1.5 AMP SLO BLO	—
—	*11086700A	DRIVE BELT	—
—	H11090100A	PCB, PRINTER LOGIC	—
—	A11090300A	PCB, POWER SUPPLY	—
—	*10088000A	RIBBON POST ASSB	—
—	*11765900A	MICRO SWITCH, PRINTER HOME SW.	—
—	E11089800A	POWER SUPPLY ASSB	—
—	*09522300A	CAPACITOR 7400MF - 15VDC	—
—	*10230200A	CAPACITOR 5800MF - 40VDC	—
—	*11766900A	DISPLAY LED	—
—	*11082900A	INK-RIBBON (PURPLE)	—
—	KN000000W83	INK-RIBBON (BLACK)	—

8806 Printer

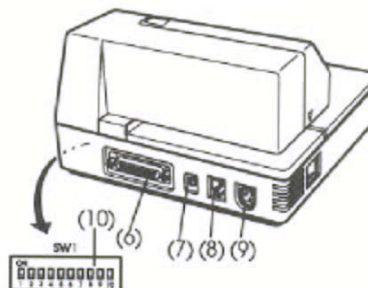
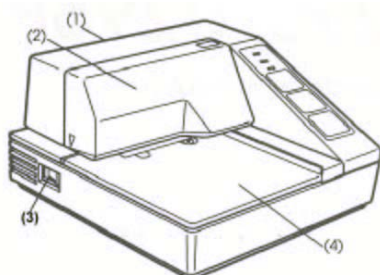
Ref.	Part Number	Description	Qty.
—	A11084400A	PRINT SWITCH KOP	—
—	A11082200A	PRINTBUTTON HARNESS	—
—	*12513300A	COVER & KTBRD RETROFIT	—
—	*12438800A	KEYBOARD FOR 12513300A	—
—	A11089300A	COVER MAIN UNIT	—
—	*10839700A	RUBBER FEET	—
—	C11089400A	COVER TOP HAT	—
—	R0261900A	THUMB SCREW FOR PAPER GUIDE	—
—	*11090500A	PAPER GUIDE	—
—	A11089600A	DISPLAY LENS ASSB	—
—	A11087900A	DUST COVER	—
—	*11091000A	PRINT MODULE	—
—	*11087500A	PRINT HEAD	—
—	A11082500A	I/O DATA HARNESS	—
—	A11082100A	CLOCK HARNESS WITH PUSHBUTTONS	—
—	*11090900A	BOOT, PUSHBUTTON	—
—	*11087000A	OPTICAL LIMIT SWITCH	—
—	*12465400A	FUSE, 1.5 AMP SLO BLO	—
—	*11086700A	DRIVE BELT	—
—	H11090100A	PCB, PRINTER LOGIC	—
—	A11090300A	PCB, POWER SUPPLY	—
—	*10088000A	RIBBON POST ASSB	—
—	*11765900A	MICRO SWITCH, PRINTER HOME SW	—
—	E11089800A	POWER SUPPLY ASSB	—
—	*09522300A	CAPACITOR 7400MF - 15VDC	—
—	*10230200A	CAPACITOR 5800MF - 40VDC	—
—	*11766900A	DISPLAY LED	—
—	*11082900A	INK-RIBBON (PURPLE)	—
—	KN000000W83	INK-RIBBON (BLACK)	—

* Part number may have alpha prefix

Models 8807, 8808, and 8846

8807 Ticket Printer

Ref.	Part Number	Description	Qty.
1	—	Upper case	—
2	—	Printer cover	—
3	—	Document table	—
4	—	Power switch	—
6	—	Interface connector	—
7	—	FG	—
8	—	Drawer kick-out connector	—
9	—	Power connector	—
10	—	DIP switches	—
—	*083503020	Power supply (universal) (PS170)	—
—	*083497020	Printer mechanism complete	—
—	*083498020	Print head	—
—	**14115200A	Keypad switch with overlay	—
—	*083499020	Main PCB	—
—	ERC-27B	Ribbon cartridge Epson (black)	—



8807 Ticket Printer

8808 Heavy Duty Printer

Ref.	Part Number	Description	Qty.
—	*083503020	Power supply (PS170)	—
—	*083512020	Printer mechanism complete	—
—	*083514020	Print head	—
—	*16269700A	Keypad overlay	—
—	*083513020	Keypad switch PCB	—
—	*083515020	Main PCB	—
—	*083516BLK	Ribbon cartridge ERC-31B (black)	—
—	*083516PUR	Ribbon cartridge ERC-31P (purple)	—



8808 Heavy Duty Printer

8846 Document Printer

Ref.	Part Number	Description	Qty.
—	*15948900A	Ribbon Cartridge, Black	—

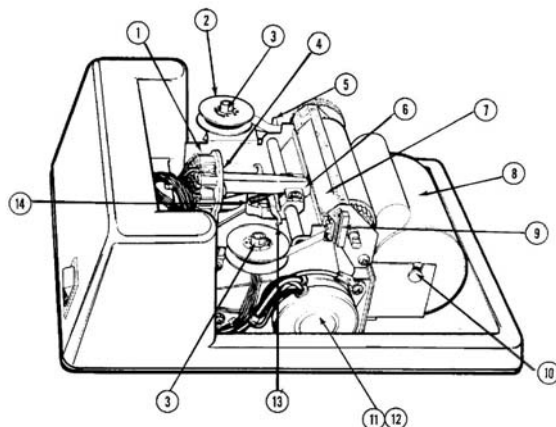


8846 Document Printer

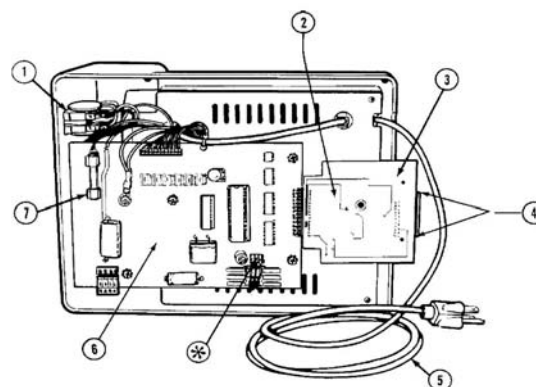
* Part number may have an alpha prefix

8855 Printer

Ref.	Part Number	Description	Qty
1	*11533500A	Print Module Assembly	1
2	*11428700A	Ink Ribbon and Spools	1
3	*11088000A	Ribbon Post Assembly	2
4	*11533600A	Printhead Assembly	1
5	*11086800A	Ribbon Tension Spring (NS)	1
6	*11441500A	Ribbon Guide Clip	1
7	*10911900A	Tear Off Blade	1
8	KT665024XAS	Paper Roll (3-7/16" wide) (2 ply = KN000000I11)	1
9	*12987500A	Paper Release Lever Spring	1
10	*10911800A	Paper Mandrell	1
11	*12987600A	Motor Assembly	1
12	*12987400A	Drive Belt (NS - Early Design)	1
13	*11087100A	Ribbon Reverse Arm	1
*14	*11086600A	Ribbon Reverse Arm Spring	2



8855 Print Module Assembly



8855 PCB and Hardware

8855 PCB and Hardware

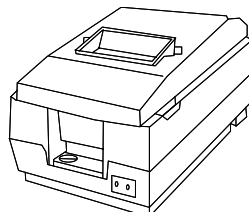
Ref.	Part Number	Description	Qty
1	*11533300A	Power On/Off Switch	—
2	*11533100A	20mA Interface PCB**	—
3	*12365400A	RS-232 Interface PCB (for 8188)	—
4	*12961800A	RS-232 Interface PCB (for 8571)	—
5	*10912000A	Interface PCB Insulator (NS)	—
6	*12686100A	Hex Standoff Kit (NS)	—
7	*11533400A	Power Cord	—
8	*11533200A	Main PCB (120 VAC)	—
9	*13361900A	Fuse, 1.5A Conventional (120 VAC)	—
10	*13361800A	Fuse, 0.75A Conventional (220 VAC)	—
Not Shown	*11533200B	Main PCB (220 VAC)	—

* Part number may have alpha prefix

Models 8857 and 8861

8857 Strip Printer

Ref.	Part Number	Description	Qty
—	*083503020	Power supply (universal) (PS170)	—
—	*083504020	Printer mechanism complete	—
—	*083505020	Print head	—
—	*083506020	Keypad switch with overlay	—
—	*083507020	Main PCB	—
—	*16107700A	Ribbon cartridge	—
—	ERC-38B	Epson (black)	—
—	**140992050	Paper (fifty rolls) single ply	—
—	**14099200A	Paper (one roll) single ply	—
—	*082294020	Paper (one roll) two ply	—
—	KN000000J94	Paper (one roll) three ply	—

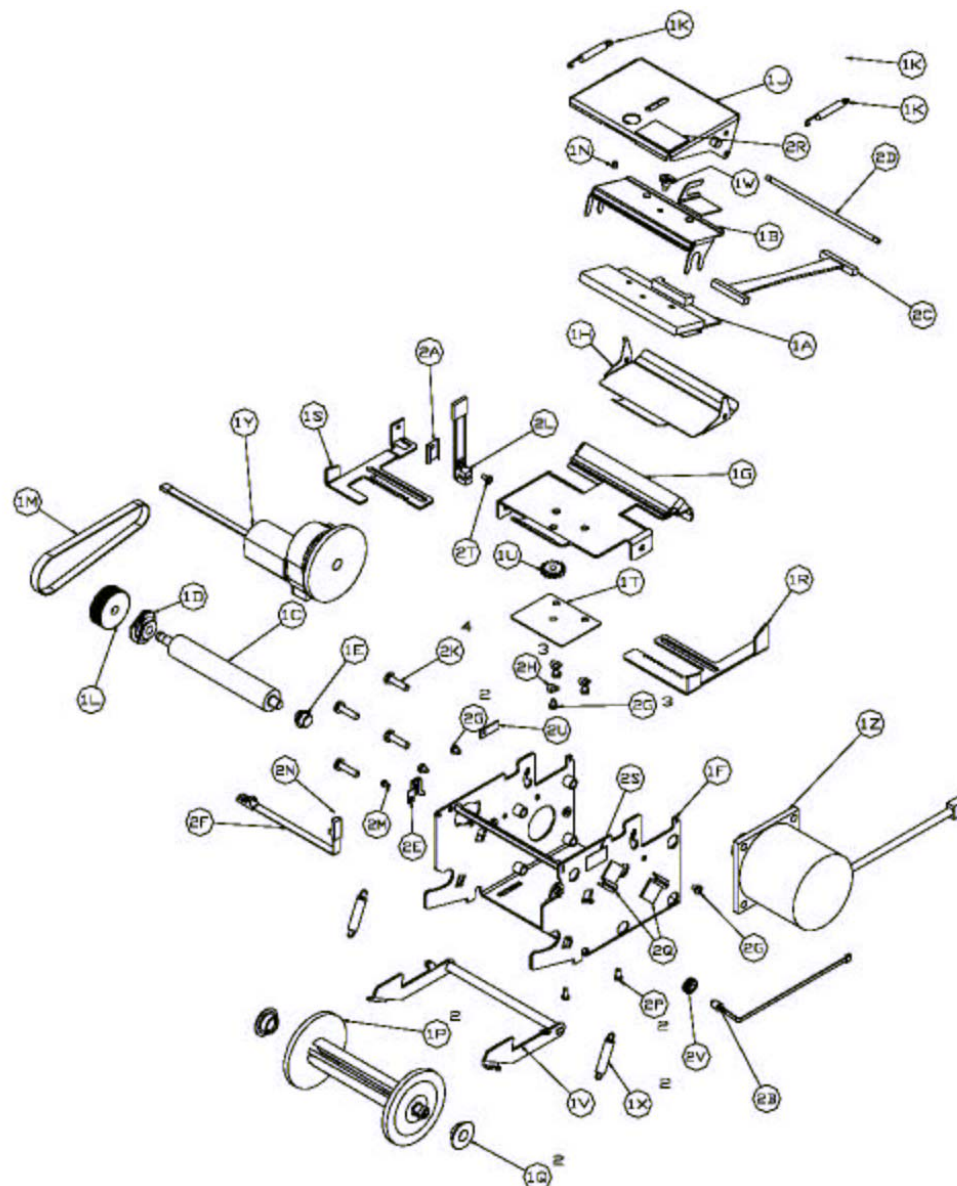


8857 Strip Printer

8861 Printer

Ref.	Part Number	Description	Qty
1A	A14180600A	Print Head	1
1B	A14203500A	Bracket, Print Head Mounting	1
1C	*14211500A	Platen	1
1D	A14211600A	Bearing, Left Platen	1
1E	A14211700A	Bearing, Right Platen	1
1F	B145211800A	Frame Assembly	1
1G	*14655600A	Guide, Lower	1
1H	*14572200A	Guide, Upper	1
1J	*14203800A	Bracket, Force	1
1K	*14212000A	Spring, Head	2
1L	*14212300A	Pulley, Platen	1
1M	*14212400A	Timing Belt	1
1N	*14247900A	Button	1
1P	*14212700A	Takeup Spool	2
1Q	*14212600A	Spool Bearing	2
1R	*14213000A	Right Guide	1
1S	*14572300A	Left Guide	1
1T	*14270900A	Cover Plate	1
1U	*14306900A	Rack Gear	1
1V	*14262500A	Spool Lock	1
1W	*14262600A	Screw, Print Head Mounting	1
1X	*14262700A	Spring, Spool Lock	2
1Y	*14214900A	Assembly, Label Takeup Motor	1
1Z	*14215100A	Assembly, Stepper Motor	1
2A	*14625000A	Clip, Sensor	1
2B	*14214400A	Harness, Label Taken Emitter	1
2C	*14215000A	Harness, Print Head	1
2D	*14286000A	Shaft, Spring	1
2E	*14271000A	Sensor Mount	1
2F	*14265300A	Harness, Label Taken Receiver	1
2G	R0379300A	Screw, M3 x 4 PH Pan Hd	6
2H	R0515000A	Washer, Curved Spring .174 ID	3
2K	R0515100A	Screw, M4 x 16 PH Pan Hd	4
2L	*146962500A	Harness, Gap Sensor	1
2M	R0514900A	Screw, M2 x 3 PH Pan Hd	1
2N	*14156600A	IC, OTIC 1S471F	1
2P	R0521600A	Screw, PH FL Hd, 4 x .38	2
2Q	*14274800A	Clip, Half U, .125 Dia.	2
2R	*12801200A	Label, Caution Hot	1
2S	*13134200A	Label	1
2T	R0521700A	Screw, M2.5 x 5 PH Pan Hd	1
2U	*11396900A	Terminal, .25" Male	1
2V	*12462200A	Grommet .12 ID	1

* Part number may have an alpha prefix

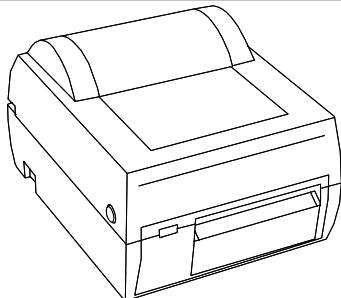


8861 Printer

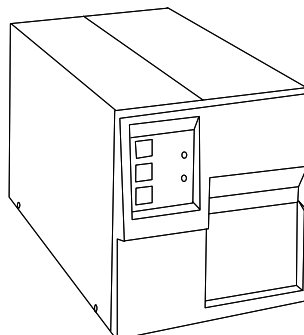
Models 8863 and 8865

8863 Label Printer

Part Number	Description
*083522020	Power supply (universal)
*083523020	Motor assembly 8863 0001 and 8863 0002
*083524020	Motor assembly 8863 0003 and 8863 0004
*083525020	Print head 8863 0001 and 8863 0002
*083526020	Print head 8863 0003 and 8863 0004
*083527020	Keypad switch assembly
*083528020	Main PCB 8863 0001 and 8863 0002
*083529020	Main PCB 8863 0003 and 8863 0004



8863 Label Printer



8865 Label Printer

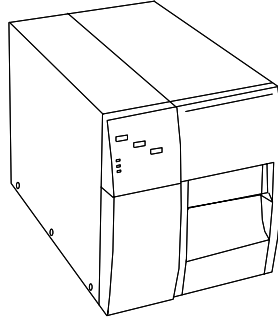
8865 Label Printer

Part Number	Description	Part Number	Description
*14154500A	PCB ASSY, CONTROL	*14415600A	BEARING, PLASTIC FLANGE
*14154600A	PRINT HEAD, THERMAL	*14415700A	ROLLER, LABEL ASSIST
*14154700A	KEYPAD, FRONT PANEL	*14415800A	PLATE, TEAR OFF
*14154800A	MOTOR, STEPPER	*14415900A	RETAINING RING, EXT..25
*14154900A	BELT, TIMING 200GR MXL	*14416000A	RIBBON REWINDER ASSB
*14155000A	BELT, TIMING 270GR MXL	*14416100A	SUPPLY HUB ASSB.
*14155100A	ROLLER, LABEL DRIVER	*14416200A	PULLEY, DAMPENER
*14155200A	PCB ASSY, FRONT PANEL	*14416300A	UPPER TENSIONER ASSB.
*14155300A	LABEL SENSOR ASSY.	*14416400A	RETAINING RING .156
*14155400A	RIBBON SENSOR ASSY.	*14416500A	SENSOR SHAFT ASSB.
*14155500A	PCB ASSY.,CONNECTOR	*14416600A	SPACER, SENSOR SHAFT
*14155600A	CLASP, RIBBON	*14416700A	BLOCK, BEARING
*14155700A	CLASP, LABEL TAKE-UP	*14416800A	PULLEY, TIMING
*14105400A	MEMORY MODULE KIT 0901-0326	*14416900A	SPACER, BEARING
*14419800A	POWER CORD	*14417000A	COLLAR, SET SCREW
*14411900A	COVER, WINDOW	*14417100A	PULLEY, SLIP CLUTCH
*14412000A	PLATE, MAGNET	*14417200A	SPRING, SLIP CLUTCH
*14412100A	HINGE, FACE PLATE, LOWER	*14417300A	PULLEY
*14412200A	GUIDE, LABEL ADJUST	*14417400A	BEARING, FLANGED, PLASTIC
*14412300A	PLATE, BERARIN	*14417500A	COLLER, SET SCREW
*14412400A	SPRING, COMPRESSION,,24X.5	*14417600A	PULLEY CLUTCH ASSB.
*14412500A	FILTER	*14417700A	BEARING, FLANGED
*14412600A	SWITCH	*14417800A	SPACER, RIBBON AXLE
*14412700A	FUSE HOLDER	*14417900A	SPRING, DAMPENER
*14412800A	CABLE ASSB, SWITCH	*14418000A	TENSIONER/LINER ASSB
*14412900A	CABLE ASSB, GROUND STRAP	*14418100A	CRANK, ROLLER LIFT
*14413000A	SENSOR ASSB, LABEL EDGE	*14418200A	SPRING, TENSIONER
*14413100A	HINGE MOUNT	*14418300A	COVER, RIGHT
*14413200A	RETAINING RING	*14418400A	HINGE, TOP POST
*14413300A	PLATE, HEAD SUPPORT	*14418500A	HINGE, TOP
*14413400A	SHAFT, HEAD SUPPORT	*14418600A	COVER, LEFT
*14413500A	SPRING, COMPRESSION,.54X1	*14418700A	NUT, HEX 4-40
*14413600A	SCREW,PH HD 4-40X.375	*14418800A	MAGNET
*14413700A	ADJUSTMENT BLOCK	*14418900A	FACEPLATE ASSB.
*14413800A	TRANSFORMER ASSB.	*14419000A	ARCPLATE, REWIND
*14413900A	SCREW, PH SEMS 8-32X.38	*14419100A	THUMBSCREW ASSB.
*14414000A	BEARING, PLASTIC FLANGE	*14419200A	CABLE ASSB, PRINTHEAD
*14414100A	FOOT, RUBBER BUMPER	*14419300A	CABLE ASSB, MEMORY MODULE
*14414200A	BEARING, PLASTIC FLANGE	*14419400A	CABLE ASSB, FRONT PANEL
*14414300A	RECTIFIER, BRIDGE	*14419500A	CABLE ASSB, BRIDGE, RED
*14414400A	WASHER, LOCK #8	*14419600A	CABLE ASSB, BRIDGE, BLACK
*14414500A	SCREW, PH HD 8-32X.625	*14419700A	WINDOW
*14414600A	LABEL RETRAINER ASSB.	*14377400A	LABEL CUTTER BLADE
*14414700A	LABEL REWINDER ASSB.	*14377100A	KOP, LABEL CUTTER KIT
*14414800A	CAM, HEAD LIFT	KN000000F29	BASE PLATE
*14414900A	SHAFT, LIFT CAM	*082498020	ALIGNMENT PLATE
*14415000A	SCREW, SET 6-32X.188	*082507020	FIRST MAN KIT
*14415100A	LEVER, HEAD LIFT	KN000000F88	HINGE, FACEPLATE UPPER
*14415200A	CAP, PLASTIC	*082650020	RIBBON, INK 3"
*14415300A	BEARING, FLANGED, IDLER	*082651020	RIBBON, INK 4"
*14415400A	ROLLER, RIBBON IDLER	B14105200A	SOFTWARE UPGRADE (Y2K COMP.)
*14415500A	BEARING, FLANGED, IDLER		

* Part number may have alpha prefix

8867 Label Printer

Ref.	Part Number	Description	Qty
—	*083535020	Power supply (universal)	—
	*083533020	Motor assembly	
	*083531020	Print head 8867 0001 and 8863 0002	
	*083532020	Print head 8867 0003 and 8863 0004	
	*085334020	Keypad switch assembly	
	*083536020	Main PCB 8867 0001 and 8863 0002	
	*085337020	Main PCB 8867 0003 and 8863 0004	



8867 Label Printer

* Part number may have an alpha prefix

Model 9127

9127 Drumfiller

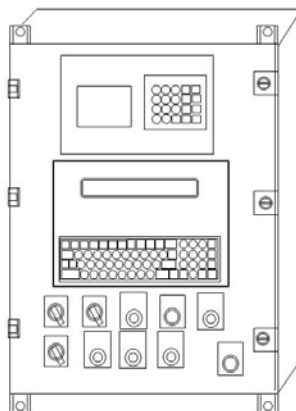
Part Number	Description
*12465400A	Fuse 1.5 Amp Slo Blo
*15265700A	Power Supply, 12 VDC
*90179000A	Power Supply, 24 VDC
*13636500A	Input Module, DC
*13636800A	Output Module, DC
*15127200A	Output Module, Dry contact
*13637500A	Fuse, Output Module, 4 Amp, 250 VAC
KT665008AAM	Relay, 4 Form-C, 240 VAC Coil
KT665025AEB	PLC, Allen-Bradley Micrologix, DC Inputs
*90298400A	Intrinsic Safe Switch, Isolator (HAP Only)
KN775364202	3 Way Solenoid Valve, 24 VDC (HAP Only)

9127 Operators

KT665006PAF	Contact Bloc, 1 N.O., 1 N.C.
*15226100A	Pilot Light Green, TYPE 7/9
*15225900A	Pilot Light Red, TYPE 7/9
*15226000A	Pilot Light Clear, TYPE 7/9
KT665005EAS	Lamp, #6S6, 30 Volt
*15226200A	Lamp, #6S6, 145 Volt

TSM-300 Microprocessor

*90126900A	PCB Assembly, Main Logic, with EPROM
*13212700A	Display Gasket
13212800A	Keyboard Gasket
15225200A	Display Glass
13212600A	Display Lens
15225400A	Conductive Display Filter
15225600A	Keyboard Assembly



9127 Drumfiller Controller

* Part number may have an alpha prefix

9182 Coin Counter Controller

Part Number	Description
KT665032MRX	CPU106 with E-PROMS (MRS for TSM861 – Enhanced or MRW for TSM860 – Non-Enhanced)
*12301300A	A/N Keyboard - 9182
A12889400A	8142 PCB
KT665032BBG	RS232 PCB - Scanner I/O
A12550200A	DSIO - PCB
KT665032BBP	PS102 - PCB
A12937300A	S-RAM Memory PCB
KB574431020	Power Supply Main
*09620030000	Opto 22 Input
*09620026000	Opto 22 Output
KT665015AAS	Pico Fuse - Opto PCB
KB574432020	8142 Power Supply Transformer
A11748700A	8142 Keypad
*12465400A	Fuse - 1.5 AMP Main

9183 Casino Coin Counter

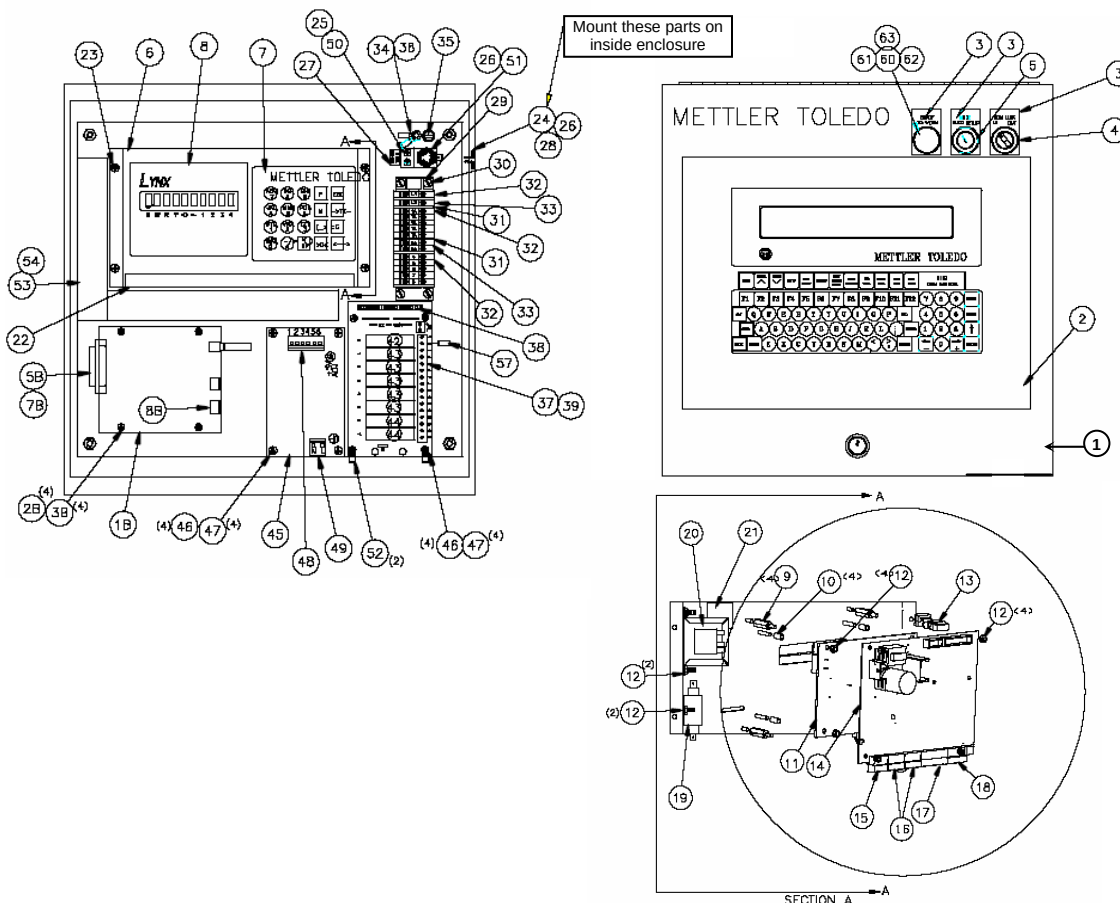
Ref.	Part Number	Description	Qty.
1	*90303800A	9183 Mild Steel Sloped Enclosure	1
2	*90310800A	9360003000 with Software	1
3	*90310700A	Nameplate Set	1
4	*90308900A	Switch, 2 Position	1
5	*90308600A	Switch, Keylock & Position Key 95001	1
6	*90304000A	Bracket for Lynx Parts	1
7	*14709100A	Keyboard Assembly	1
8	*14466700A	Display Lens	1
9	*14465800A	Spacer, M4 x 1 mm Round	4
10	*14466100A	Standoff, M4 x 1mm M-F	4
11	*14287400A	PCB Assembly, VF Display	1
12	R0519600A	Hex Nut, M4	12
13	*14581700A	Display Harness	1
14	*15153800A	PCB Assembly, Controller	1
15	*14374800A	Terminal Plug, 5 Position, Used On Controller PCB	1
16	*14113100A	Terminal Plug, 6 Position, Used On Controller PCB	2
17	*14113400A	Terminal Plug, 10 Position, Used On Controller PCB	1
18	*14113200A	Terminal Plug, 7 Position, Used On Controller PCB	1
19	*14560000A	Line Filter	1
20	*14562300A	Transformer, 120 VAC	1
21	*14548600A	Battery, 4.5 Alkaline	1
22	*14467900A	Label, Controller I/O	1
23	R01235060	Screw, 8-31 x 3/8	4
24	*90154200A	Label, Caution Replace Fuse	1
25	*12634600A	Fuseholder, Right Angle, 3AG	1
26	*09595700A	Fuse, 3 AMP Slo-Blo	2
27	*15241700A	Label, Fuse 3 AMP	1
28	*11321100A	Fuseholder, Spare	1
29	*15055000A	Track Terminal	.5
30	*15054900A	Clamp, Terminal	2
31	*15055100A	Barrier, Terminal End	5
32	*15227600A	Terminal Section, Red	11
33	*15227700A	Terminal Section, White	3
34	*12471400A	#8 Ring Lug, For Use On Power Cord Ground Wire	2
35	*12943000A	Label, Grounding	1
36	R01611050	Nut, Hex #8-21 2/Lockwasher	2
37	KB583902020	8 I/O Rack	1
38	*90304200A	I.O Cable Assembly	1
39	*90133700A	Jumper Strip	1
40	R02079050	Screw, #6-32 x 1	4
41	R01771050	#6 Lockwasher	4
42	*90407600A	5 VDC Input Module	1
43	*13636300A	Input Module, 120 VAC	5
44	*13636700A	Output Module, 120/240 VAC	2
45	*90228200A	Power Supply, (85-265 VAC In) (5/12 VDC Out)	1
46	*15056700A	Standoff, 6-32 x 3/8	4
47	R0353700A	Screw, 6-32 x 1/4 P W/ Lockwasher	4
48	*90309000A	Power Harness for 9360 and Keyboard Converter PCB Option	1
49	*90448100A	Power Harness	1
50	R01375050	Screw 6-32 x 3/8 LW, use on Fuseholder, Tack & Panduit	8
51	*15010300A	Fuse Holder	1
52	*12464300A	Cable Clamp, 3/16	2
53	*90323000A	Wire, Duct 1" x 1"	3 ft.
54	*90285900A	Duct Cover 1" x 1"	3 ft.
Not Shown	*12471800A	1/2" Cable Clamp	5
Not Shown	*12472300A	3/8" Cable Clamp, Power Wiring	4
57	*12439200A	Diode, 1N4D07 Used for Dtr DC Input	1
Not Shown	*14476100A	Screwdriver, Lynx Terminals (Ship Loose)	1
Not Shown	*14435400A	Label Set, Capacity (Ship Loose)	1
60	*90086600A	Light Unit Without Lamp	1
61	*90307100A	Green Lane, Lamp Housing Without Light Unit	1
62	*90086800A	Locking Ring Switch For Operators	1
63	*90307000A	Lamp, 120VAC	1
Not Shown	*90334500A	9183 Coin Counter Manual (Ship Loose)	1

* Part number may have an alpha prefix

Model 9183

9183 Casino Coin Counter (Parts for 00B Option or *90341600A KOP)

Ref.	Part Number	Description	Qty.
1B	*90304100A	Black Box Keyboard Converter PCB	1
2B	*15066700A	Standoff, 6-32 x 3/8 M/F Hex	4
3B	R0353700A	Screw, 6-32 x 1/4 With Lockwasher	4
--	*90309000A	Keyboard Converter Power Harness, Part of Standard Build	Ref.
5B	*10716700A	Connector DB25P	1
7B	R0521200A	Screw, 4-40 x 3/16 Used to Mount D25P	2
8B	*90310800A	Harness for External Keyboard	1
Not Shown	*90308800A	Overlay, Ship Loose for Remote Keyboard	1
Ref.	*14540900A	Keyboard Connector Spanner Wrench, Only By Order	Ref.
Not Shown	*90339700A	Keyboard, 103 Key, Bench Style, Remote to Enclosure	1

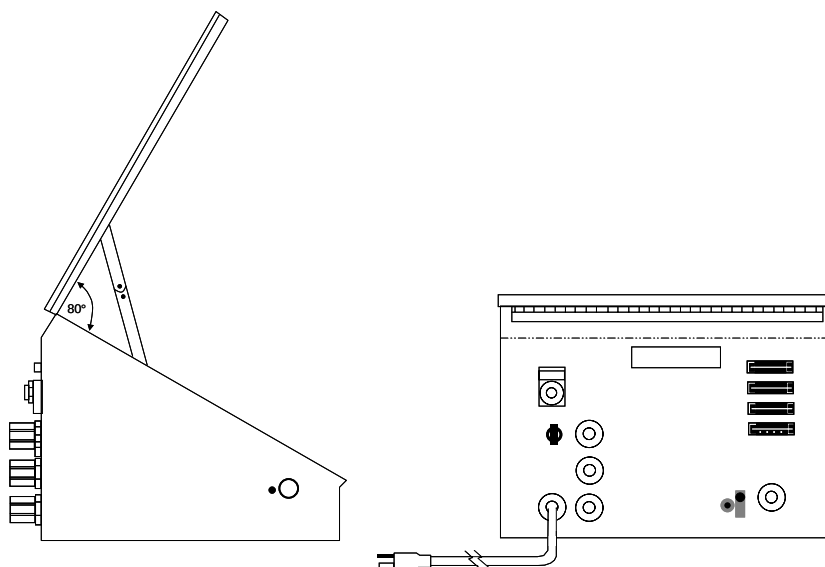


9183 Casino Coin Counter

* Part number may have an alpha prefix

9183 Casino Coin Counter

Ref.	Part Number	Description	Qty.
1	*90308700A	2 Position Keylock Switch, Key #95005	1
2	*14400200A	Hole Plug	1
3	*10090900A	Power Switch	1
4	*12588800A	Nameplate, On-Off	1
5	*10502800A	Term. Lug, Used on Switch, Cover Unused Terminals	8
6	*14501500A	Power Cord	1
7	*13785300A	CGB, Cord Strain Relief, .312" - .375" ID	5
8	*13160600A	CGB Plug	3
9	*09870100A	Ground Lug	1
10	R00512050	Screw, 10-32 x 3/8	1
11	*12943000A	Label, Grounding, BSI	1
12	R0082200A	#10 Lockwasher for Item 10	1
13	*90304400A	Computer Harness	1
14	*90304300A	Printer Harness	1
15	*10856800A	Mounting Hardware for Harness	4
16	*90304500A	Scanner/Display Harness	1
17	*90421800A	9360 Ch 1 to Lynx Harness	1
18	—	—	—
19	—	—	—
20	*14578300A	Gasket for Hole Plug	1
21	*14400300A	Hex Nut, Plastic	1
22	R0523900A	Screw #4	1
23	R0363800A	Hex Nut #4	1
Not Shown	R0521200A	Screw, #4-40 x 3/16 (Used to Mount DB25 to 9360)	10
Not Shown	*14987000A	DB25 Solder Connector, (Ship Loose)	1
Not Shown	*10718800A	Housing, Plastic DB25 (Ship Loose)	1
27	*14801800A	Label Shield	1
28	*14800000A	Data Blank Label	1



9183 Casino Coin Counter

* Part number may have an alpha prefix

Model 9215

9215 Batchelor

Part Number	Description	Wall	Panel	Qty
*90081100 A	KEYBOARD INSERT 9215	X	X	1
*90086400A	PUSHBUTTON OPERATOR,MAN. FEED-DISCH	X		1
*90086700A	PUSH-PULL OPERATOR, EMERGENCY STOP	X		1
*90086300A	SELECTOR SWITCH OPERATOR	X		1
*90086100A	CONTACT BLOCK, NORM. OPEN	X		1
*90086200A	CONTACT BLOCK, NORM. CLOSED	X		1
*90191900A	PCB, 9215 MAIN WITH PROGRAM	X	X	1
*90083000A	PCB, WATCHDOG I/F	X	X	1
*90091200A	PCB, SmartLink WITH PROGRAM	X	X	1
*90080900A	KEYBOARD ASSY, 9215	X	X	1
*90081800A	SWITCH, ROTARY OPTICAL ENCODER	X		1
*09394300A	RECTIFIER, BRIDGE	X	X	1
*13637500A	FUSE, OPTO MODULE - 4 AMP	X	X	5
*90082300A	PILOT LAMP, ALARM - 12V	X		1
*90081400A	CONNECTOR, 36 PIN - Smartlink	X	X	1
*12468100A	FUSE, 6 AMP SLO-BLO	X		5
KT665008DAF	RELAY, 115VAC - 10 AMP CONTACT	X	X	1
KT665008XAJ	SOCKET, RELAY	X	X	1
*09592000A	FUSE, .25 AMP SLO-BLO	X	X	5

Added Parts For 9215 (Wall) 8142 Version

C12889400A	PCB, 8142 MAIN ("C" revision or later)			1
*12582400A	KEYBOARD ASSEMBLY WITH OVERLAY, 8142			1

Added Parts For 9215 (Wall) 8530 Version

13460400A	**PCB, 8142 MAIN (without eeprom)			1
*13012000A	KEYBOARD ASSEMBLY WITH OVERLAY, 8530			1

Added Parts For 9215 (Wall) 115 VAC Instrument/Control

*09510000A	FUSE, .6 AMP SLO-BLO			5
*90216400A	FAN ASSEMBLY, 115 VAC (OPTIONAL)			1
*13636300A	OPTO MODULE, 115 VAC INPUT			1
*13636700A	OPTO MODULE, 24-280 VAC OUTPUT			1

Added Parts For 9215 (Wall) 230 VAC Instrument/Control

*11707800A	FUSE, .3 AMP SLO-BLO			5
*90216500A	FAN ASSEMBLY, 230 VAC (OPTIONAL)			1
*13636400A	OPTO MODULE, 230 VAC INPUT			1
*13636700A	OPTO MODULE, 24-280 VAC OUTPUT			1

Added Parts For 9215 (Wall) 230 VAC Instrument/ 24VDC Control

*11707800A	FUSE, .3 AMP SLO-BLO			5
*90216500A	FAN ASSEMBLY, 230 VAC (OPTIONAL)			1
*13636500A	OPTO MODULE, 10-32 VAC INPUT			1
*13636800A	OPTO MODULE, 5-60 VAC OUTPUT			1

Added Parts For 9215 (Panel) 115 VAC Control

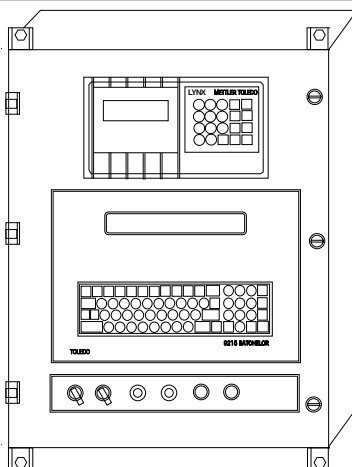
*13636300A	OPTO MODULE, 115 VAC INPUT			1
*13636700A	OPTO MODULE, 24-280 VAC OUTPUT			1
*13216000A	POWER SUPPLY, 115 VAC - 12VDC			1

Added Parts For 9215 (Panel) 230 VAC Control/24 VDC I/O

*13636400 A	OPTO MODULE, 230 VAC INPUT			
*13636700A	OPTO MODULE, 24-280 VAC OUTPUT			
*13636800A	OPTO MODULE, 5-60 VDC OUTPUT			
*13636500A	OPTO MODULE, 10-32 VDC INPUT			
*13379500A	POWER SUPPLY, 230 VAC - 12VDC			

Before 7-1-94 fan assemblies are included in main enclosure (not optional) and are as follows:

90089600A	FOR 115 VAC FAN
90089600B	FOR 230 VAC FAN



9215 Batchelor

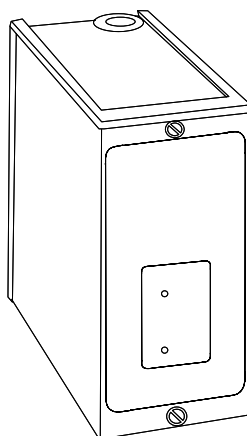
**This PCB must have H12883100A EPROM carrier assembly or later to properly function with the 9215.

* Part number may have an alpha prefix

Models 9321, 9323, and 9325

9321 Load Cell Signal Converter

Ref.	Part Number	Description	Qty
—	*90138300A	Enclosure, Cover and Base - NEMA 1	1
—	A90133000A	PCB Assembly	1
—	*90136400A	Connector, Right Angle	1
—	*90136500A	Overlay, Enclosure Front	1
—	*90154000A	Label, Wiring Connections	1
—	*13875600A	Fuse, .1 Amp 250V Slo-Blo	2
—	*90136700A	Enclosure, Cover and Base - NEMA 4X	1
—	*13785400A	Cord Strain Relief, CGB Type	2
—	*10399500A	Enclosure, Cast Aluminum - NEMA 7/9	1
—	*12478300A	Conduit Seal, 3.4"	3
—	KB17036300A	PCB, Setpoint Relay	2
—	*90133600A	Label, Setpoint Overlay	1
—	*90135500A	Knob, Setpoint Control	1



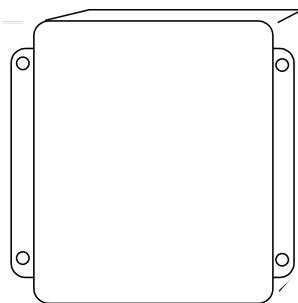
9321 Load Cell Signal Converter

9323 Output Module

Ref.	Part Number	Description	Qty
—	*90074000A	Serial Interface Controller PCB	—
—	*90073000A	BCD Output PCB	—
—	*09592000A	1/4 Amp Slo-Blo Fuse - F10 (115 VAC)	—
—	*09591900A	1/8 Amp Slo-Blo Fuse - F10 (230 VAC)	—
—	*90074200A	Ribbon Harness assembly	—
—	*11924100A	Power Terminal Strip Connector	—
—	*13457400A	10 Position Terminal Strip Connector	—
—	*13431600A	12 Position Terminal Strip Connector	—

9325 Output Module

Ref.	Part Number	Description	Qty
—	*90074000A	Serial Interface Controller PCB	—
—	*13402800A	BCD Output PCB	—
—	*09592000A	1/4 Amp Slo-Blo Fuse - F10	—
—	*13380200A	1 Amp Pico Fuse - F1	—
—	*90073500A	Dry Compact Module	—
—	KN761984020	24 VDC Output Module	—
—	KN764493020	115 VAC Output Module	—
—	*90074200A	Ribbon Harness Assembly	—
—	*90071300A	Power Harness Assembly	—
—	*13403100A	Analog Output Terminal Mating Connector	—
—	*11924100A	Power Terminal Strip Mating Connector	—



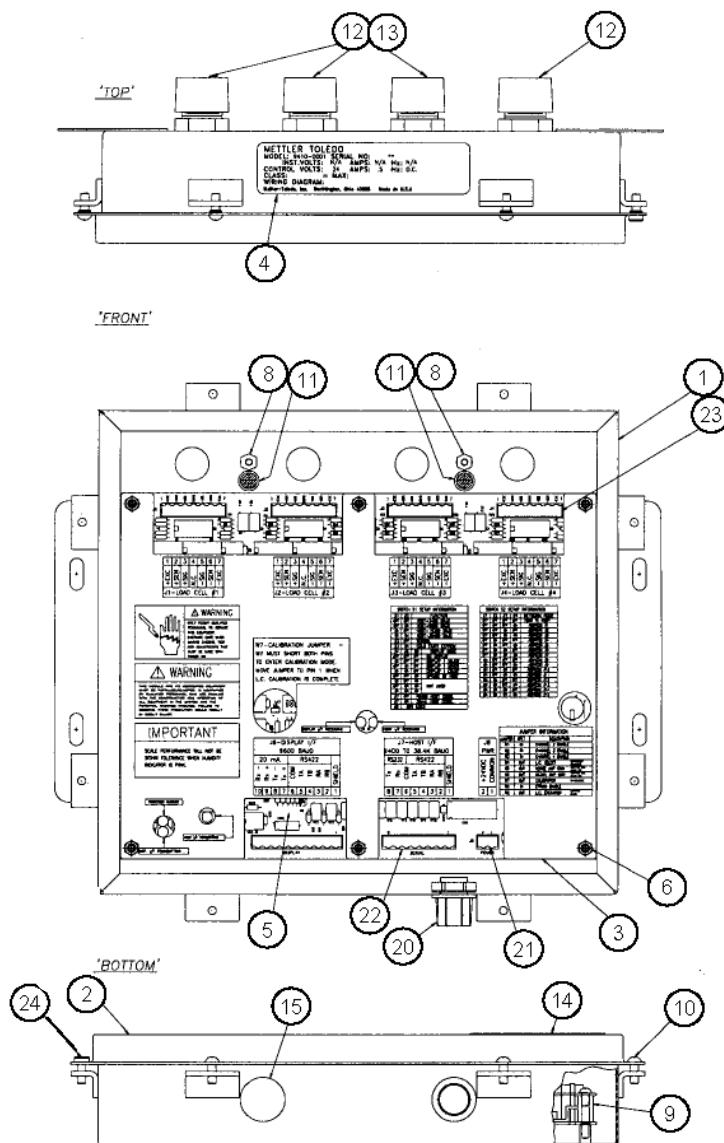
9323/9325 Output Module

* Part number may have an alpha prefix

Model 9410

9410 High Speed Junction Box

Ref.	Part Number	Description	Qty
1	*90098400A	9410 Junction Box Enclosure	1
2	A90098500A	Lid, 9410 Junction Box	1
3	*90098900A	Shield, 9410 Junction Box	1
4	*14901000A	Serial Label	1
5	H13725200A	PCB, 9410 (Programmed)	1
6	R01239050	Screw, #8-32 x 5/16 with Lockwasher	6
8	R0345600A	Nut, #10-32 with Lockwasher	2
9	*13136600A	Standoff, 8-31 x 5/8" with Washer	6
10	R0354800A	Screw, 10-32 x 1/2" with Washer	7
11	*12943000A	Ground Label	2
12	13785100A	Cable Clamp, CGB .81-.25 Cable	4
13	*12903800A	Plug, CGB Hole .25 Diameter	3
14	*14617700A	Mettler Toledo Logo, Medium	1
15	L37HF5002	Hole Plug	1
20	*11885300A	Conduit Hub 1/2" Female	1
21	*13457000A	Connector, Header (2 Pin)	1
22	A13162400A	Connector, Header (8 Pin)	1
23	*11924100A	Connector, Header (7 Pin)	4
24	R0508200A	Screw, Fillister Head Drilled 10-32 x 1" SS	1
Not Shown	*12635700A	Ferrite Toroid	1
Not Shown	G165BB0009	Poly Bag 6" x 9"	1
Not Shown	*12478100A	Dessicant Bag	1
Not Shown	*11825100A	Sealing Compound	1
Not Shown	*90099000A	Humidity Indicator Card	1

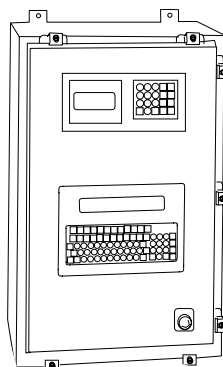


9410 High Speed Junction Box

* Part number may have an alpha prefix

9411E In-Motion Rail Car Controllers

Ref.	Part Number	Description	Qty
115V AC Spare Parts			
	C13820100A	Main PCB TSM300 KT665040-057	—
	KA585922020	120VAC Power supply TSM300 KA585922020 120 VAC model only	—
	KA585045020	240VAC Power supply TSM300 KA585922020 120 VAC model only	—
		Input modules 24-120 VAC 13636300A 120 VAC model	—
	13636500A	32V DC SS input module for 220VAC model	—
	13636700A	Output module 24-280 VAC fused 13636700A	—
	13637500A	Fuse 4A output module 13637500A	—
	90341400A	Non-contact wheel detector	—
	90179000A	24V DC power supply	—
	TA203870	Wheel detector bracket	—
	13210000A	Operator Keyboard	—
	13212800A	Keyboard gasket	—
	A13213000A	Keyboard overlay	—
	13210000A	Keyboard	—
	13212100A	Keyboard backup plate	—
	90342700A	Main fuse, 4A, slo-blo	—
220 V AC Spare Parts			
	C13820100A	220V 9411E spare parts	—
	KA585045020	Main PCB TSM300 KT665040-057	—
	13636500A	240VAC Power supply TSM300 KA585922020 120 VAC model only	—
	13636700A	32V DC SS input module for 220VAC model	—
	13636700A	Output module 24-280 VAC fused 13636700A	—
	13637500A	Fuse 4A output module 13637500A	—
	90341400A	Non-contact wheel detector	—
	90179000A	24V DC power supply	—
	TA203870	Wheel detector bracket	—
	13210000A	Operator keyboard	—
	90342700A	Main fuse, 4A, slo-blo	—



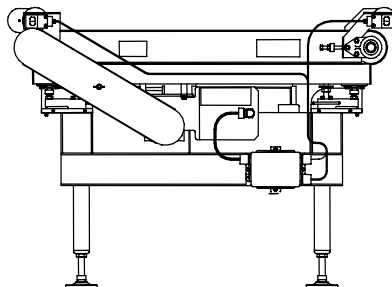
9411E In-Motion Rail Car Controller

* Part number may have an alpha prefix

Model 9476/9477

9476 Weigh Conveyor

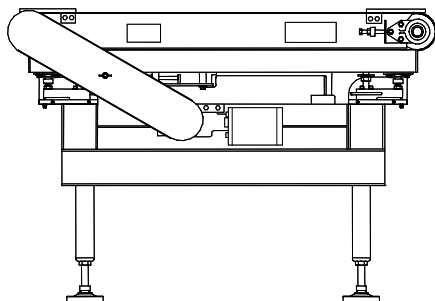
Ref.	Part Number	Description	Qty
—	KA274538GD000	47" x 24" (black)	—
—	KA274538GT000	60" x 24" (black)	—
—	KA2767321A000	24" x 12" (black)	—
—	KA275344GD000	47" x 24" (white)	—
—	KA275344GT000	60" x 24" (white)	—
—	KA2767331A000	24" x 12" (white)	—
—	KA277628	Spare Parts Kit	—



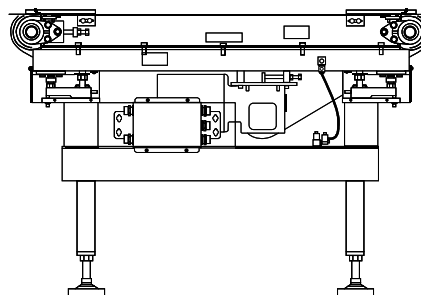
9476 Weigh Conveyor

9477 Weigh Conveyor

Ref.	Part Number	Description	Qty
—	KA274538GD000	47" x 24" (black)	—
—	KA274538GT000	60" x 24" (black)	—
—	KA2767321A000	24" x 12" (black)	—
—	KA275344GD000	47" x 24" (white)	—
—	KA275344GT000	60" x 24" (white)	—
—	KA2767331A000	24" x 12" (white)	—
—	KA277628	Spare Parts Kit	—



9477 Weigh Conveyor



9477 Mach II Weigh Conveyor

* Part number may have an alpha prefix

9476/94777 Weigh Conveyor – 12 x 24"

Part Number	Description	Qty
GDIN933-M5 x 20	Hex Head Screw, SS	4
GDIN934-MS	Hex Nut, ST	4
GDIN127B-M5	Lockwasher, MS	4
90346000A	Wide Body BLC 250 Load Cell	4
11706600A	Load Socket, TS	4
R01332050	Hex Jam Nut ½-20, SS	4
11748000A	Ball Bearing 11/16 dia.	4
11431600A	Button Cover	4
1L-01D-0010-01	9477 Mid-Frame Assembly 12 x 24"	1
1L-01D-0023-01	9477 Spacer Strip Bed 24"	1
1L-01D-0022-01	9477 Conveyor Bed, 12 x 24 x 32"	1
2B-03K-0179	Foot Insert, VG556-6	4
2B-03K-0096	Foot Articulated, M20 Thread	4
GDIN125-M20	M20 Flat Washer, SS	4
GDIN439B-M20x25	Thin Jam Nut, SS	4
1L-01D-0045-12	Drive Pulley, 2.5" dia. 12" wide	1
1L-01D-0055-12	Idler Pulley, 2.5" dia. 12" wide	1
KN774811020	V-Bearing, ¾" AMI#UC-FB204-12CE	4
1L-01D-0047-01	Backing Plate, Bearing, CRS	4
1L-01D-9912-24	Belt, Steel Conveyor, 2.5" dia. Pulley	1
1L-01D-0035-01	Roller End Guard, LH 2.5" PUL	2
1L-01D-0036-01	Roller End Guard, RH 2.5" PUL	2
1L-01D-0037-01	Load Cell Guard, LH CRS	2
1L-01D-0038-01	Load Cell Guard, RH 2.5" PUL	2
1L-01D-0034-01	Finger Guard, Plate, Nut CRS	4
1L-01D-0040-01	Shipping Bumper Bolts, CRS	4
KA27256400A	Plate, Bearing Pusher, MS	2
1L-01D-0015	Photoeye Emitter Assb., Discharge, RH	1
1L-01D-0016	Photoeye Emitter Assb., Infeed, LH	1
1L-01D-0017	Photoeye Receiver Assb., Discharge, RH	1
1L-01D-0018	Photoeye Receiver Assb., Infeed, LH	1
KN767344020	Cable Connector	1
KN715268020	Motor, ½ HP, 230/460 VAC, Inverter Rated	1
GDIN127B-M8	Lockwasher	4
GDIN934-M8	Hex Nut	4
GDIN125-M8	Flat Washer, ST	4
GDIN933-M8x25	Hex Head Screw, SS	4
1L-01D-0013	Drive Guard, Small	1
GDIN7991-M6x16	Socket Flathead Cap Screw – M6 x 16	3
1L-01D-0009	Junction Box Assembly Enclosure	1
2P-01C-0134	Label, Warning: Moving Parts	4
2P-01C-0135	Label, Caution: Do Not Step or Stand	2
GDIN7991-M6x10	Flat Head Socket Cap Screw	4
GDIN7991-M5x16	Flat Head Socket Screw	8
GDIN933-M6x10	Head Head Screw	8
GDIN933-M6x8	Hex Head Screw, M6 x 1.0 x 8	8
GDIN127B-M12	Lockwasher, Split, SS	8
GDIN912-M12x50	SHCS, M12x1.75 x 50 lg, SS	8
GDIN127B-M10	Lockwasher, Split, SS	18
GDIN933-M10x20	Hex Head Screw, SS	12
GDIN933-M10x25	Hex Head Screw, SS	6
GDIN933-M10x60	Hex Head Screw, M10 x 1.5 x 60, SS	2
GDIN933-M10	Jam Nut, M10	2
2N-01P-0103	M16 Hex Nut, SS	12
GDIN982-M16x2	Nylok Nut, SS	4
14801000C	Custom Products BOM, Data Tag	1
KN768392020	Ground Strap	1
10393000A	Terminal Log T&B #35401	1
G2202036	Pad	4
2M-03J-0027	Cable, 4 Cond./16 AWG, SOW-A	2
GDIN7500D-M4x16	Screw-Thread Forming, Hex Head M4 x 16	6
2D-01R-0012-120	Timing Belt, 8mmGT, 20mmW, 120T, Neoprene	1

9476/94777 Weigh Conveyor – 24 x 47"

Part Number	Description	Qty
GDIN933-M5 x 20	Hex Head Screw, SS	4
GDIN934-MS	Hex Nut, ST	4
GDIN127B-M5	Lockwasher, MS	4
90346000A	Wide Body BLC 250 Load Cell	4
11706600A	Load Socket, TS	4
R01332050	Hex Jam Nut ½-20, SS	4
11748000A	Ball Bearing 11/16 dia.	4
11431600A	Button Cover	4
1L-01D-0010-02	9477 Mid-Frame Assembly 24 x 47"	1
1L-01D-0023-02	9477 Spacer Strip Bed 24"	1
1L-01D-0022-02	9477 Conveyor Bed, 24 x 47"	1
2B-03K-0179	Foot Insert, VG556-6	4
2B-03K-0096	Foot Articulated, M20 Thread	4
GDIN125-M20	M20 Flat Washer, SS	4
GDIN439B-M20x25	Thin Jam Nut, SS	4
1L-01D-0025-24	Drive Pulley, 4" OD dia. 24" wide	1
1L-01D-0055-24	Idler Pulley, 4 dia. 24" wide	1
KN773028020	Bearing, 3 Bolt with End Cap	4
1L-01D-9824-47	Belt, Steel Conveyor, 24 W x 98 9/16" L	1
1L-01D-0035-02	Roller End Guard, LH 2.5" PUL	2
1L-01D-0036-02	Roller End Guard, RH 2.5" PUL	2
1L-01D-0037-01	Load Cell Guard, LH CRS	2
1L-01D-0038-01	Load Cell Guard, RH 2.5" PUL	2
1L-01D-0034-01	Finger Guard, Plate, Nut CRS	4
1L-01D-0040-01	Shipping Bumper Bolts, CRS	4
KA27198800A	Plate, Bearing Pusher, RH	2
1L-01D-0015	Photoeye Emitter Assb., Discharge, RH	1
1L-01D-0016	Photoeye Emitter Assb., Infeed, LH	1
1L-01D-0017	Photoeye Receiver Assb., Discharge, RH	1
1L-01D-0018	Photoeye Receiver Assb., Infeed, LH	1
KN767344020	Cable Connector	1
KN715268020	Motor, ½ HP, 230/460 VAC, Inverter Rated	1
2N-01U-0010	Lockwasher, Split, ¼, SS	4
GDIN934-M8	Hex Nut	4
GDIN125-M8	Flat Washer, ST	4
GDIN933-M8x25	Hex Head Screw, SS	4
1L-01D-0005	Drive Guard, Right Angle	1
GDIN7991-M6x16	Socket Flathead Cap Screw – M6 x 16	3
1L-01D-0009	Junction Box Assembly Enclosure	1
2P-01C-0134	Label, Warning: Moving Parts	4
2P-01C-0135	Label, Caution: Do Not Step or Stand	2
GDIN7991-M6x10	Flat Head Socket Cap Screw	4
GDIN7991-M5x16	Flat Head Socket Screw	8
GDIN933-M6x10	Head Head Screw	8
GDIN933-M6x8	Hex Head Screw, M6 x 1.0 x 8	8
GDIN127B-M12	Lockwasher, Split, SS	8
GDIN912-M12x50	SHCS, M12x1.75 x 50 lg, SS	8
GDIN127B-M10	Lockwasher, Split, SS	18
GDIN933-M10x20	Hex Head Screw, SS	12
GDIN933-M10x25	Hex Head Screw, SS	6
GDIN933-M10x60	Hex Head Screw, M10 x 1.5 x 60, SS	2
GDIN933-M10	Jam Nut, M10	2
2N-01P-0103	M16 Hex Nut, SS	12
GDIN982-M16x2	Nylok Nut, SS	4
14801000C	Custom Products BOM, Data Tag	1
KN768392020	Ground Strap	1
10393000A	Terminal Log T&B #35401	1
G2202036	Pad	4
2M-03J-0027	Cable, 4 Cond./16 AWG, SOW-A	2
GDIN7500D-M4x16	Screw-Thread Forming, Hex Head M4 x 16	6
2D-01R-0012-120	Timing Belt, 8mmGT, 20mmW, 120T, Neoprene	1

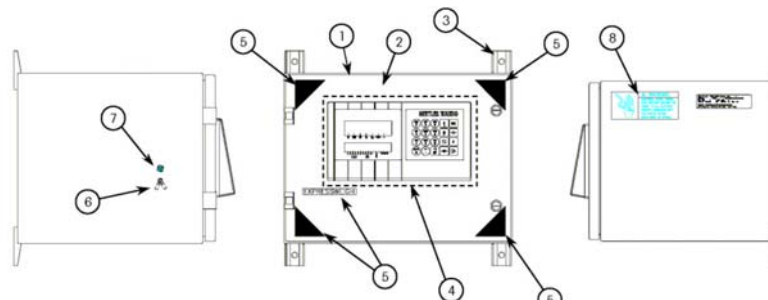
Model 9476/9477

9476/9477 Weigh Conveyor – 24 x 60"

Part Number	Description	Qty
GDIN933-M5 x 20	Hex Head Screw, SS	4
GDIN934-MS	Hex Nut, ST	4
GDIN127B-M5	Lockwasher, MS	4
90346000A	Wide Body BLC 250 Load Cell	4
11706600A	Load Socket, TS	4
R01332050	Hex Jam Nut ½-20, SS	4
11748000A	Ball Bearing 11/16 dia.	4
11431600A	Button Cover	4
1L-01D-0010-03	9477 Mid-Frame Assembly 24 x 60"	1
1L-01D-0023-03	9477 Spacer Strip Bed 24 x 60 x 32"	1
1L-01D-0022-03	9477 Conveyor Bed, 24 x 60 x 32"	1
2B-03K-0179	Foot Insert, VG556-6	4
2B-03K-0096	Foot Articulated, M20 Thread	4
GDIN125-M20	M20 Flat Washer, SS	4
GDIN439B-M20x25	Thin Jam Nut, SS	4
1L-01D-0025-24	Drive Pulley, 2.5: dia. 12" wide	1
1L-01D-0033-24	Idler Pulley, 2.5: dia. 12" wide	1
KN773028020	Bearing, 3-Bolt with End Cap	4
1L-01D-9824-60	Belt, Steel Conveyor, 4" dia. Pulley	1
1L-01D-0035-02	Roller End Guard, LH 2.5" PUL	1
1L-01D-0036-02	Roller End Guard, RH 2.5" PUL	2
1L-01D-0037-01	Load Cell Guard, LH CRS	2
1L-01D-0038-01	Load Cell Guard, RH 2.5" PUL	2
1L-01D-0034-01	Finger Guard, Plate, Nut CRS	2
1L-01D-0040-01	Shipping Bumper Bolts, CRS	4
KA27256400A	Plate, Bearing Pusher, MS	4
1L-01D-0015	Photoeye Emitter Assb., Discharge, RH	2
1L-01D-0016	Photoeye Emitter Assb., Infeed, LH	1
1L-01D-0017	Photoeye Receiver Assb., Discharge, RH	1
1L-01D-0018	Photoeye Receiver Assb., Infeed, LH	1
KN767344020	Cable Connector	1
KN715268020	Motor, ½ HP, 230/460 VAC, Inverter Rated	1
2N-01U-0010	Lockwasher	1
2N-01J-0051	Hex Nut	4
01-01D-0005	Right Angle Drive Guard	4
1L-01D-0009	Junction Box Assembly Enclosure	1
GDIN963-M6x50	Socket Flathead Cap Screw – M6 x 1.0 x 50	3
1L-01D-0013	Drive Guard, Small	1
2P-01C-0134	Label, Warning: Moving Parts	4
2P-01C-0135	Label, Caution: Do Not Step or Stand	2
GDIN7991-M6x10	Flat Head Socket Cap Screw	4
GDIN7991-M5x16	Flat Head Socket Screw	8
GDIN127B-M6	Lockwasher, Split, SS	16
GDIN933-M6x10	Head Head Screw	8
GDIN933-M6x8	Hex Head Screw, M6 x 1.0 x 8	8
GDIN127B-M12	Lockwasher, Split, SS	8
GDIN912-M12x50	SHCS, M12x1.75 x 50 lg, SS	8
2N-01R-0020	Fastener-Carriage Bolt Rework	12
GDIN127B-M10	Lockwasher-Split, SS	18
GDIN933-M10x20	Hex Head Screw, SS	12
GDIN933-M10x60	Hex Head Screw, M10 x 1.5 x 60, SS	2
GDIN933-M10	Jam Nut, M10	2
2N-01P-0103	M16 Hex Nut, SS	12
GDIN982-M16x2	Nylok Nut, SS	4
GDIN934-M10	Hex Nut, ST	12
14901000C	Custom Products BOM, Data Tag	1
KN768392020	Ground Strap	1
10393000A	Terminal Log T&B #35401	1
G2202036	Pad	4
2M-03J-0027	Cable, 4 Cond./16 AWG, SOW-A	2
GDIN7500D-M4x16	Screw-Thread Forming, Hex Head M4 x 16	6
2D-01R-0012-120	Timing Belt, 8mmGT, 20mmW, 120T, Neoprene	1

9482 Expressweigh Controller PCB

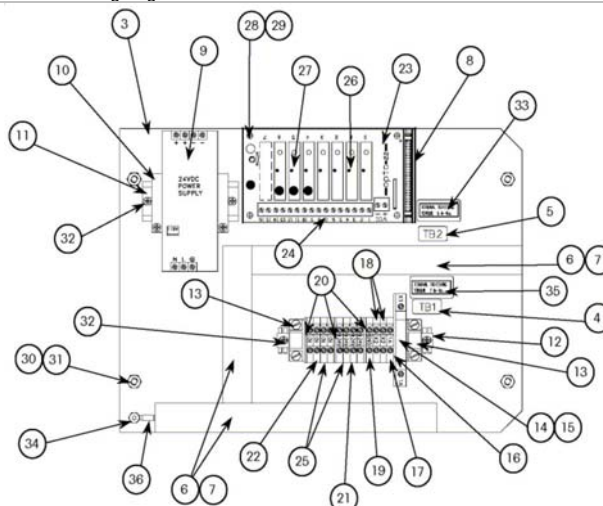
Ref.	Part Number	Description	Qty
1	*90258200A	Stainless Steel Enclosure Set	1
2	*90258300A	Door, Stainless Steel	1
3	Not Available	Mounting Brackets	1
4	*14547000A	Stiffener Bracket	1
5	*16393700A	Decorative Decals	2
6	*12471400A	Ring Lug Terminal (inside enclosure)	1
7	*12943000A	Label, Ground (inside enclosure)	1
8	*12661400A	Warning Label	1



9482 Expressweigh Controller PCB

9482 Internal Panel

Ref.	Part Number	Description	Qty
1	*14264100A	Cable Load Cell, 24 CA (25 ft) Not Shown	1
2	*15099800A	Cable 4 Cond., 16 GA 600V(25 ft) Not Shown	1
3	*90258100B	Rear Panel	1
4	*90688000A	Label, TB1	1
5	*90688100A	Label, TB2	1
6	*16309100A	Wiring Duct, 3/4 x 2	1
7	*16309200A	Cover, Wiring Duct, 3/4	1
8	*90750800A	Cable Assembly (Not shown)	1
9	*90739400A	Power Supply, 24VDC, 2.4 A. Switcher	1
10	*16240000A	35 mm DIN RAIL Clamp	2
11	*15266000A	35 mm DIN RAIL, Steel	3 ft
12	*15055000A	Terminal Mounting Rail	7 ft
13	*15054900A	End Anchor, Terminal	2
14	*16240100A	Fuse Holder, Terminal, Rail Mounted	1
15	*12088200A	Fuse, 2.5 AMP, Slo-Blo	1
16	*16240200A	End Barrier, Fuse Holder	1
17	*15227600A	Terminal Section, Red	1
18	*15227700A	Terminal Section, White	2
19	*15216500A	Terminal Section, Green	1
20	*15055100A	End Barrier	3
21	*90327100A	Terminal section, Violet	4
22	*16276700A	Terminal section, Gray	4
23	*16154300A	8 I/O Rack	1
24	*90133700A	Jumper Strip, 8 I/O Rack	1
25	*15241300A	Jumper Strap, Terminal	1
26	*13636500A	Input Module, 10-32 VDC	4
27	*13636800A	Output Module, 5-60 VDC	3
28	R02079050	Screw, #6-32 x 1	4
29	R01771050	#6 Lock washer	4
30	R0283000A	1/4 Lock washer	8
31	R00434050	Hex Nut, 1/4 -20	8
32	R01375050	Screw, #6-32 x 3 / 8	12
33	*90159600A	Label, Torque, 5 lb/in	1
34	R0329800A	Hex Nut, #8-32	34
35	*90159700A	Label, Torque, 7 in/lb	1
36	*12471400A	Ring Lug Terminal	1



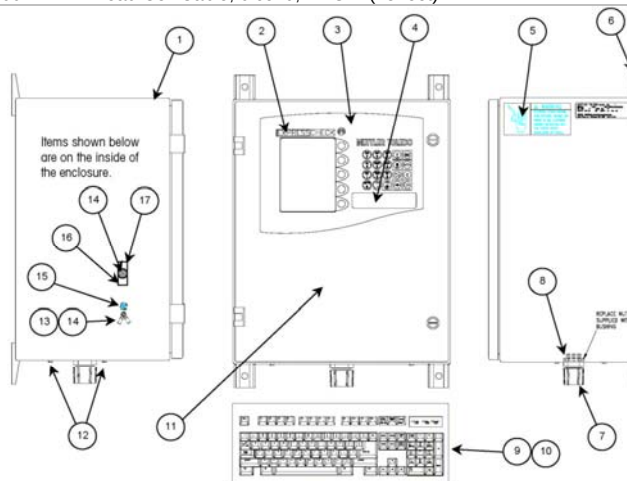
9482 Internal Panel

* Part number may have alpha prefix

Model 9483

9483 Expresscheck Controller PCB

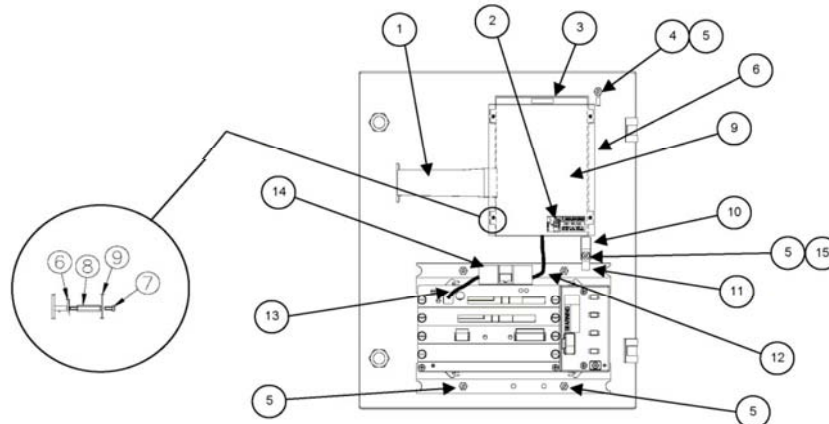
Ref.	Part Number	Description	Qty
1	*16482600A	Stainless Steel Enclosure Set	1
2	*16393700A	EXPRESSCHECK Decal	1
3	*15895100A	Keyboard and Overlay Assembly	1
4	*16566700A	Blank Cover Decal	1
5	*12661400A	Warning Label	1
6	*90327200A	Mounting Brackets (Kit of 4)	1
7	*16517500A	3/4" NPT Cord Grip with Grommet	1
8	*15265600A	3/4" NPT Sealing Nut	1
9	*16483300A	QWERTY Keyboard	2
10	*16583500A	Keyboard Dust Cover	2
11	*16482700A	Door, Stainless Steel	2
12	R0520600A	Keyboard Bracket Bolts, M6 x 8	4
13	*12471400A	Ring Lug Terminal (inside enclosure)	2
14	R0329800A	Hex Lock Nut, 8-32 (inside enclosure)	3
15	*12943000A	Label, Ground (inside enclosure)	1
16	*12464300A	Cable Clamp, 0.188"	1
17	*12472300A	Cable Clamp, 3/8"	1
18	*15099800A	Photo Eye Cable, 4 cond, 16GA. (25 feet)	1
19	*14264100A	Load Cell Cable, 6 cond, 24 GA. (25 feet)	1



9483 Expresscheck Controller PCB

9483 Expresscheck Inside Door

Ref.	Part Number	Description	Qty
1	*15895100A	Keyboard and Overlay Assembly	1
2	*16529000A	Warning Label	1
3	*16289900A	Display Gasket	1
4	*12471400A	Terminal, Ring Lug	1
5	R0329800A	Hex Nut, #8-32	6
6	*16616600A	Graphic Display Assembly w/Program	1
7	R0524700A	Screw, M3 x 8	4
8	*82757300A	Standoff, M-F, M3 x 20	4
9	*16528900A	Insulator Paper - HMI	1
10	*12472300A	Cable Clamp, 3/8"	1
11	*12464300A	Cable Clamp, 0.188"	1
12	Part of #14	Cable, 4", Splitter to Display	1
13	*16193100A	Ethernet Cable, 12"	1
14	*16395500A	Ethernet Splitter Assembly (includes 4" cable item #12)	1
15	R0218100A	Hex Nut, #8-32 Locking	1

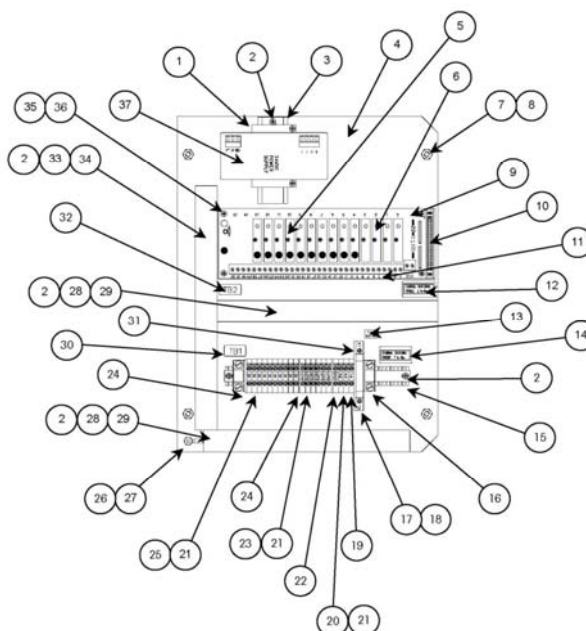


9483 Expresscheck Inside Door

* Part number may have alpha prefix

9483 Expresscheck Internal Panel

Ref.	Part Number	Description	Qty
1	*16240000A	35 mm DIN RAIL Clamp	2
2	R01375050	Screw, #6-32 x 3/8	14
3	*15266000A	35 mm DIN RAIL, Steel 6"	As Required
4	*16483000A	Rear Panel	1
5	*13636800A	Output Module, 5-60 VDC	10
6	*13636500A	Input Module, 10-32 VDC	4
7	R00434050	Hex Nut, 1/4 -20	8
8	R0283000A	1/4" Lockwasher	8
9	*15241400A	16 I/O Rack	1
10	*16516600A	Opto Cable Assembly (Not shown) 1	1
11	*90133700A	Jumper Strip, 16 I/O Rack 1	1
12	*90159600A	Label, Torque, 5 lb/in	1
13	*15241700A	Label, Fuse, 3A Slo-Blo	1
14	*90159700A	Label, Torque, 7 in/lb	1
15	*15055000A	Terminal Mounting Rail 4"	
16	*15054900A	End Anchor, Terminal	2
17	*16240100A	Fuse Holder, Rail Mounted	1
18	*09595700A	Fuse, 3 AMP, Slo-Blo	1
19	*15227600A	Terminal Section, Red	1
20	*15227700A	Terminal Section, White	2
21	*15241300A	Jumper Strap, Terminal (50 jumper strip)	As Required
22	*15216500A	Terminal Section, Green	1
23	*90327100A	Terminal section, Violet	6
24	*15055100A	End Barrier	3
25	*16276700A	Terminal section, Gray	10
26	R0329800A	Hex Nut, #8-32	1
27	*12471400A	Ring Lug Terminal	1
28	*16309100A	Wiring Duct, 3/4" x 2" 10"	As Required
29	*16309200A	Cover, Wiring Duct, 3/4" 10"	As Required
30	*90688000A	Label, TB1	1
31	*16240200A	End Barrier, Fuse Holder	1
32	*90688100A	Label, TB2	1
33	*16309100A	Wiring Duct, 3/4" x 2" 11"	As Required
34	*16309200A	Cover, Wiring Duct, 3/4" 11"	As Required
35	R02079050	Screw, #6-32 x 1	4
36	R01771050	#6 Lock washer	4
37	*16483600A	Power Supply, 24VDC, 5 A., Switcher	1



9483 Expresscheck Internal Panel

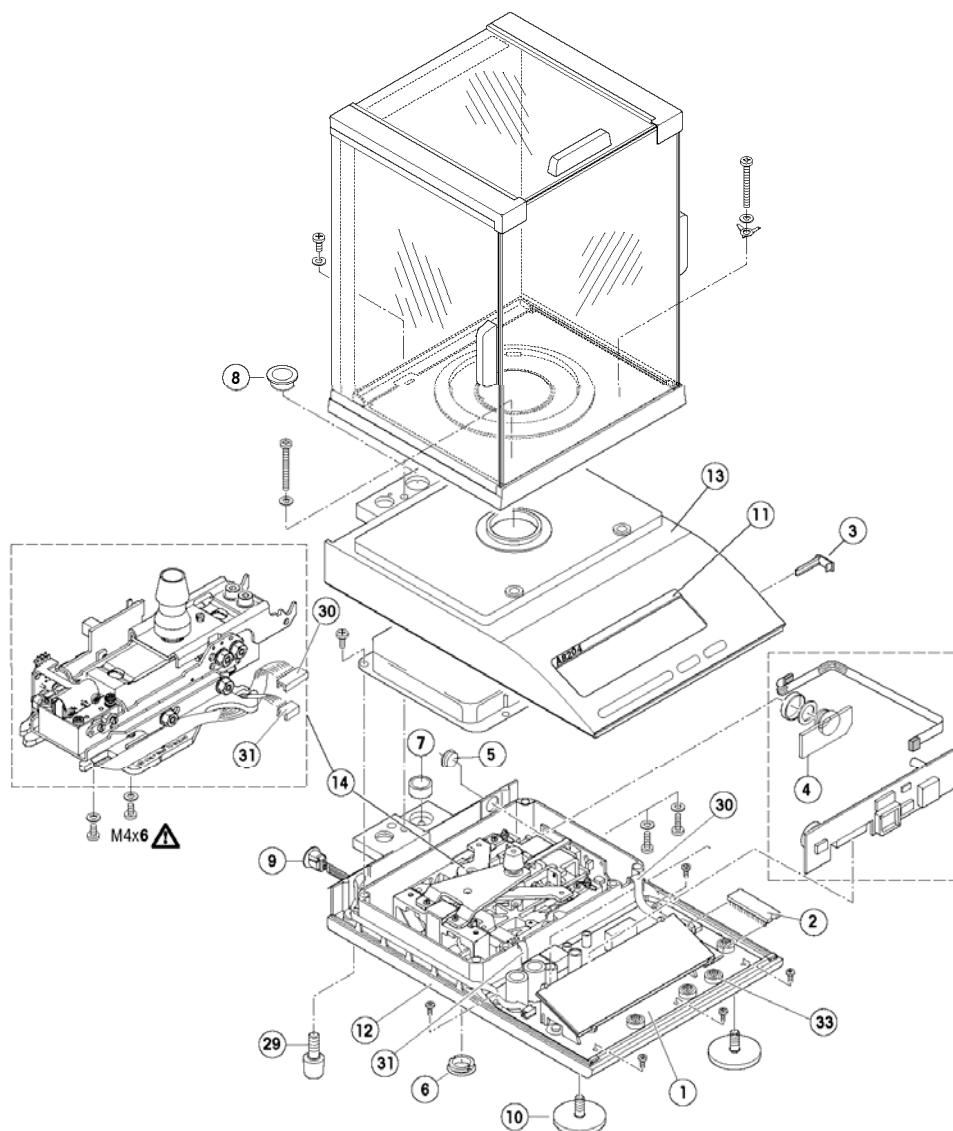
* Part number may have alpha prefix

Model AB/PB-s

AB Basic Level

Part Number by Models					
Ref.	AB54	AB104	Description	Qty	
	AB204	B154			
1	224416	224416	224416 Balance board (with EPROM)	—	
2	224017	224017	224017 EPROM 32 pin (incl. SW; RS 232)	—	
3	224016	224016	224016 EPROM 32 pin (incl. SW; without RS 232)	—	
4	600150	600150	600150 EPROM 28 pin (old, incl. SW; without RS232)	—	
5	224230	224230	224230 Calibration cover	—	
		224603	224603 Calibration cover, special	—	
	228128	228128	228128 CAN socket	—	
6	71906	71906	71906 Dummy plug	—	
7	215051	215051	215051 Hanger feedthrough cove	—	
8	215053	215053	215053 Level	—	
9	215060	215060	215060 Level cover	—	
10	11101558	11101558	11101558 Power socket with cable	—	
11	224237	224237	224237 Leveling foot	—	
12	228070	228070	228070 Bottom housing	—	
13	600190	600190	600190 Top housing	—	
		600191	600191 Top housing College	—	
		600192	600192 Top housing Carat	—	
14	600151	600151	600151 Measuring cell, assembled (Note 1)	—	
29	224236	224236	224236 Fixed foot	—	
30	11103753	11103753	11103753 Detector cable, conventional cell	—	
	228121	228121	228121 Detector cable, monobloc cell	—	
31	224409	224409	224409 Coil cable, conventional cell	—	
	225139	225139	225139 Coil cable, monobloc cell	—	
33	89688	89688	89688 Key-switch	—	

Note 1: The low weighing pan must be used with the bottom housing 228070 with the high cell compartment, the high weighing pan with the bottom housing 224201 with the low cell compartment.

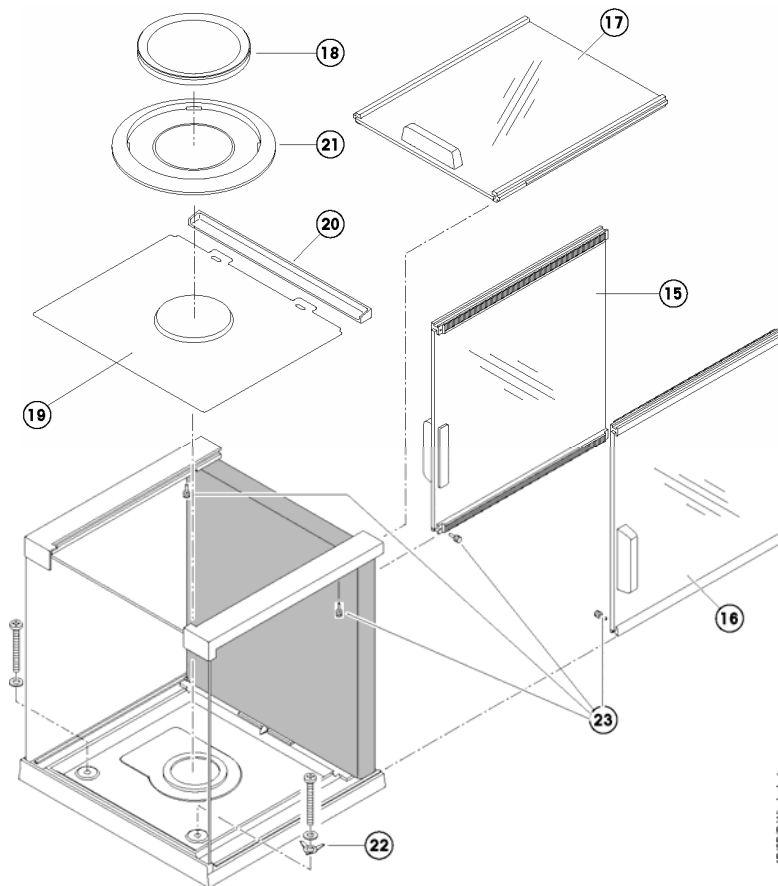


AB Basic Level

PB-s Basic Level, Draft Shield

Ref.	Part Number by Models				Description	Qty
	AB54	AB104 AB204 B154	CB1503DR	CB203 CB603		
15	224313	600188	224313	224313	Door, left	—
16	224314	600189	224314	224314	Door, right	—
17	224319	224319	224319	224319	Door, top	—
18	228027	228027	228027	—	Weighing pan low	—
	224218	224218	224218	224218	Weighing pan high (Note 1)	—
19	224324	224324	224324	224324	Bottom plate	—
20	224336	224336	224336	224336	Strip	—
21	33548	33548	33548	33548	Ring	—
22	224323	224323	224323	224323	Contact spring	—
23	224322	224322	224322	224322	Bolt	—

Note 1: The low weighing pan must be used with the bottom housing 228070 with the high cell compartment, the high weighing pan with the bottom housing 224201 with the low cell compartment.



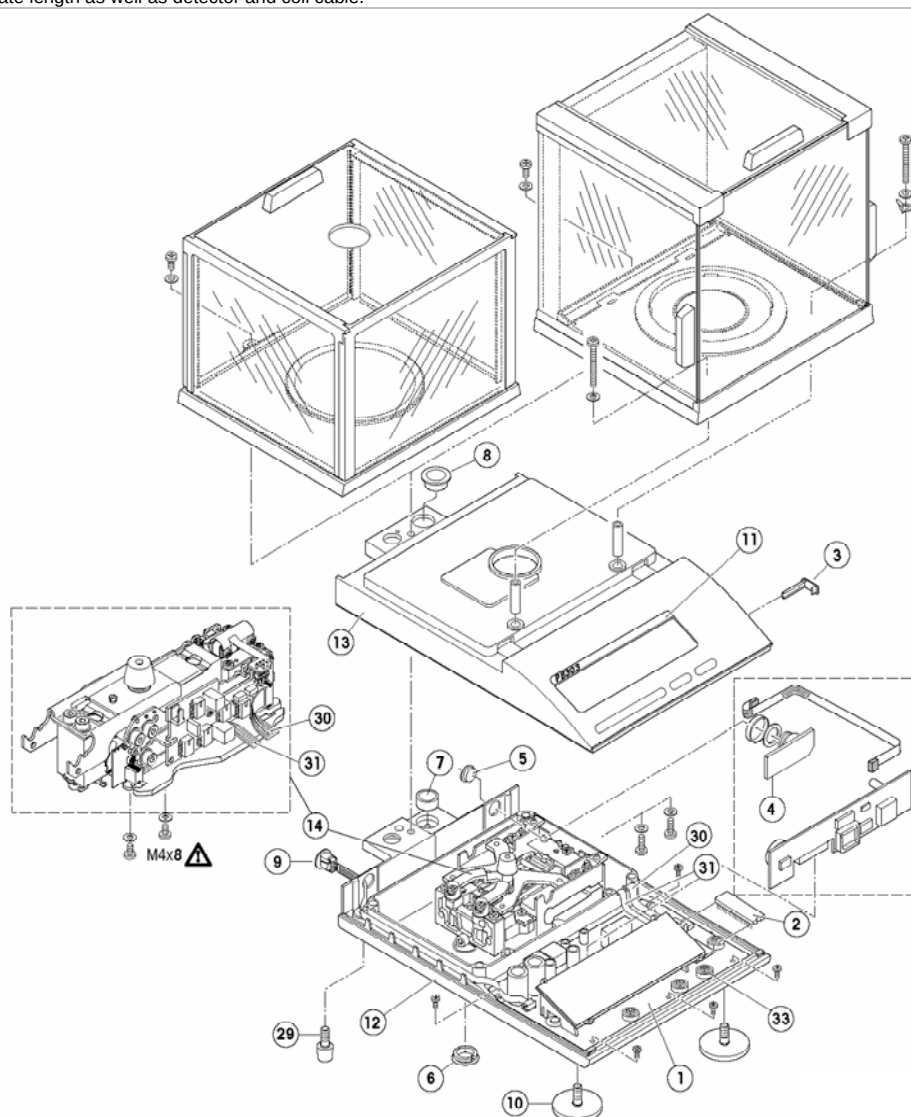
AB/PB-s Basic Level, Draft Shield

Model AB/PB-s

PB-s Basic Level

Part Number by Models				
PB153				
PB303				
Ref.	PB303DR B303	PB3001 PB3002	Description	Qty
1	224416	224416	Balance PCB (with EPROM)	—
2	224422	224422	Balance PCB (display backlit)	—
	224016	224016	EPROM 32 pin (incl. SW; RS 232)	—
	224017	224017	EPROM 32 pin (incl. SW; without RS 232)	—
	600150	600150	EPROM 28 pin (old, incl. SW; without RS232)	—
3	224603	224603	Calibration cover Calibration cover, special	—
4	228128	228128	CAN socket	—
5	71906	71906	Dummy plug	—
6	215051	215051	Hanger feedthrough cover	—
7	215053	215053	Level	—
8	215060	215060	Level cover	—
9	11101558	11101558	Power socket with cable	—
10	224237	224237	Leveling foot	—
12	224201	224201	Bottom housing	—
13	224204	—	Top housing PB Top housing B (College)	—
14	224604	224244	Top housing CB (Carat)	—
15	600152	600153	Measuring cell, assembled	—
	600154	600155	Measuring cell, assembled (Note 1)	—
29	224236	224236	Fixed foot	—
30	11103753	11103753	Detector cable, conventional cell	—
	224413	224413	Detector cable, monobloc cell	—
31	224409	224409	Coil cable, conventional cell	—
	225139	225139	Coil cable, monobloc cell	—
33	89688	89688	Key-switch	—

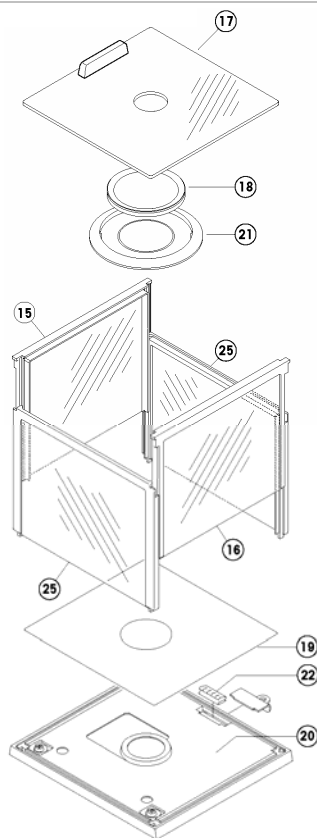
Note 1: Under this number will only the monobloc cell be delivered, equipped with universal adapter plate, mounting screws in the adequate length as well as detector and coil cable.



PB-s Basic Level

PB-s Basic Level, Draft Shield

Part Number by Models			
PB153			
PB303			
PB303DR			
B303			
Ref.		Description	Qty
15	224352	Door, left	—
16	224352	Door, right	—
17	600149	Door, top	—
18	224221	Weighing pan	—
19	224359	Bottom plate	—
20	224357	Draft shield base	—
21	224366	Ring	—
22	224361	Contact spring	—
25	224351	Door, front and back	—

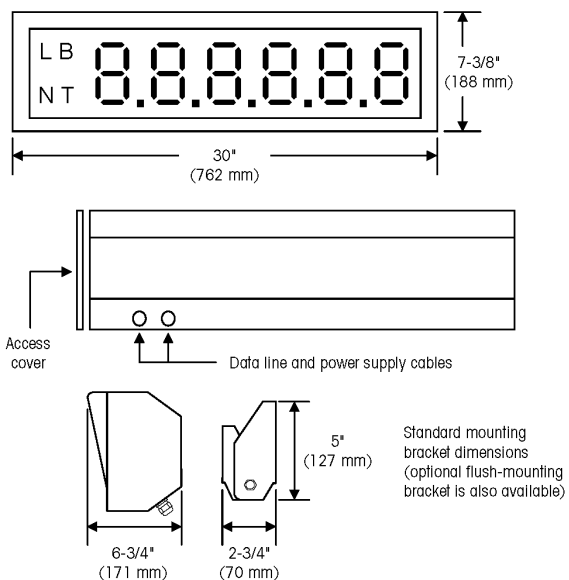


PB-s Basic Level, Draft Shield

Model AD310

AD310

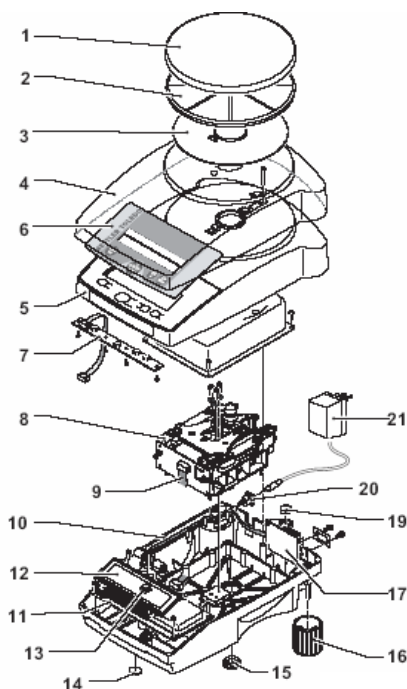
Ref.	Part Number	Description	Qty.
—	MZ0302000123	4-inch Motherboard 1	1
—	MZ0302000124	4-inch Main Digit Board	1
—	MZ0302000125	4-inch Slave Digit Board	1
—	MZ0302000126	110/220 Switching Power Supply	1
—	MZ0302000127	Annunciator Board	1



AD310

AL/PL/PL-s Balances, Basic Level

Ref.	Part Number by Models				Description	Qty
	All AL PL	AL204, AL104, AL54	PL303	PL3002		
1	—	12106739	12105372	12105370	Weighing pan: AL204/AL104/AL54: 090mm PL303: 0100mm PL3002: 0180mm	—
	—	12106720	12105346	—	Draftshield	—
2	—	—	—	12105369	Pan support	—
3	—	—	—	12105371	Retaining ring	—
4	12102970	—	—	—	Protective cover	—
5	12120938	—	—	—	Top housing assembled, with key pad overlay, and set model labels	—
6	12120940	—	—	—	Keypad overlay	—
7	12120902	—	—	—	Keypad PCB with cable	—
8	—	12120906	12120907	12120908	Weighing cell, assembled, packed with 3 screws M 5 x 14 (to mount cell), 3 washer, 1 cell data EEPROM item 13 for balance board	—
9	—	12120911	12120913	12120913	Cell cable	—
10	—	12106738	12106739	12106739	Bottom housing, assembled, comprising screws for leveling foot, level item 19, covers item 14, 15 and power label	—
11	12120900	—	—	—	Balance board with display item 12, without EEPROM item 13	—
12	12102949	—	—	—	Display	—
16	12105389	—	—	—	Leveling foot	—
17	12120930	—	—	—	RS232 interface with cable	—
19	12105368	—	—	—	Level	—
20	12105364	—	—	—	Power cable with connector	—

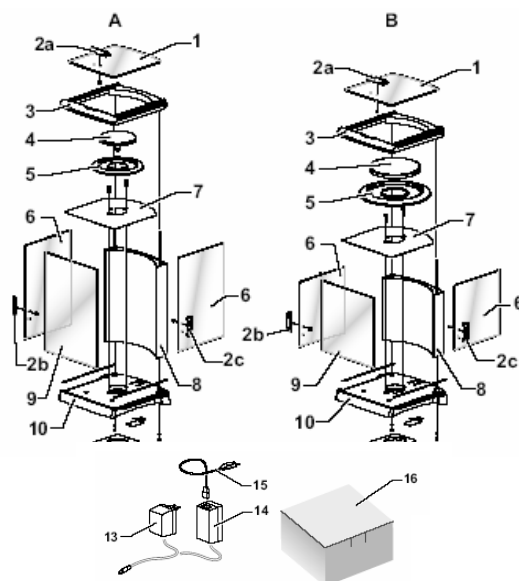


AL/PL/PL-s Balances, Basic Level

Model AL/PL/PL-s

AL/PL/PL-s Balances, Basic Level Weighing Pan, Draftshield, AC-Adapter, Packaging

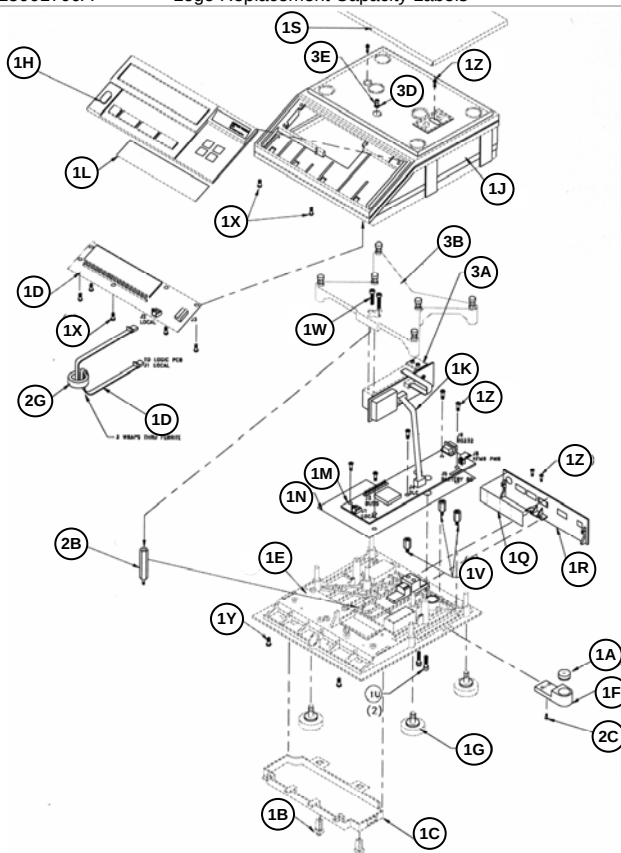
Ref.	Part Number by Models				Description	Qty
	All AL PL	AL204, AL104, AL54	PL303	PL3002		
1	12120937	—	—	—	Top glass	—
2	12120935	—	—	—	Set handles, 1 top, (2a), 1 left (2b), 1 right (2c)	—
3	12106745	—	—	—	Draftshield top	—
4	—	—	—	—	Weighing pan:	—
		12106739			AL204/AL104/AL54: 070mm	
			12105372		PL303: 0100mm	
5	—	12106740	12105405	—	Draft ring	—
6	—	12120936	12120939	12120913	Lateral glass	—
7	12106752	—	—	—	Bottom plate	—
8	—	12106747	12105402	—	Draftshield back plate	—
9	—	12106755	12105409	—	Front glass	—
10	12106746	—	—	—	Draftshield bottom	—
13	11103741	11103741	11103741	11103741	Plug-in AC Adapter	—
14	11103745	—	—	—	AC Adapter 220-240 V	—
15	88668	88668	88668	88668	Power Cable	—
16	—	12120945	12120945	12120945	Packaging	—



AL/PL/PL-s Balances, Basic Level Weighing Pan, Draftshield, AC-Adapter, Packaging

BC05/BC15 Counting Scale

Ref.	Part Number	Description	Qty.
1A	*10268900A	Level	1
1B	*12051300A	1/4 Turn Fastener	2
1C	*13912500A	Battery Cover (See Note 1 Below)	1
1D	*15056300A	Display PCB Kit	1
1E	*14081000A	Base	1
1F	*14081300A	Level Support	1
1G	*14100500A	Foot	5
1H	*15056100A	International Keyboard Kit (See Note 3 Below)	1
1I	*15056200A	English Keyboard Kit (See Note 3 Below)	1
1J	*14081700A	Cover	1
1K	*14081800A	Load Cell Harness	1
1L	*14081500A	Display Lens (See Note 3 Below)	1
1M	*14387100A	Logic PCB	1
1N	*14603200A	PCB Insulator	1
1P	*14389200A	Display/Logic Harness (See Note 4 Below)	1
1Q	*14424200A	Rear Decal	1
1R	*14082300A	Rear Panel (See Note 2 Below)	1
1S	*14639700A	Platter	1
1U	R0408800A	M8 x 30 Hex Socket Hd	2
1V	*14476200A	M4 x 20mm Hex Post	3
1W	R0517600A	M8 x 30 Cap Screw	2
1X	R0518300A	M3 x 10 PH Screw	7
1Y	R0513500A	#6-19 x 3/8 PH Torx	2
1Z	R0513100A	M4 x 10 PH Screw	9
2B	*14514500A	10-32 Standoff	1
2C	R01913020	10-32 x 3/8 One Way Screw	1
2G	*14528700A	Ferrite Core	1
3A	*15381500A	11 kg Load Cell (BC05)	1
3A	*15381600A	22 kg Load Cell (BC15)	1
3B	*14532400A	Spider Assb. (BC05)	1
3B	*14854300A	Spider Assb. (BC15)	1
3D	R0271600A	Cap Screw 10-32 x 1	1
3E	R0383100A	O-ring	1
Not Shown	*14083200A	Standard Power Supply	1
Not Shown	*14664800A	1.0 Amp Power Supply	1
Not Shown	*10386700A	Line Cord (USA)	1
Not Shown	*13894600A	Line Cord (UK)	1
Not Shown	*13902200A	Line Cord (Europe)	1
Not Shown	*14235700A	Line Cord (Australia)	1
Not Shown	*15061700A	Logo Replacement Capacity Labels	—



BC05/BC15 Counting Scale

* Part number may have an alpha prefix

Note 1: Battery cover is only included with the Battery Kit

Note 2: If the rear panel is replaced, the serial data plate from the original unit must be retained and attached to the new panel

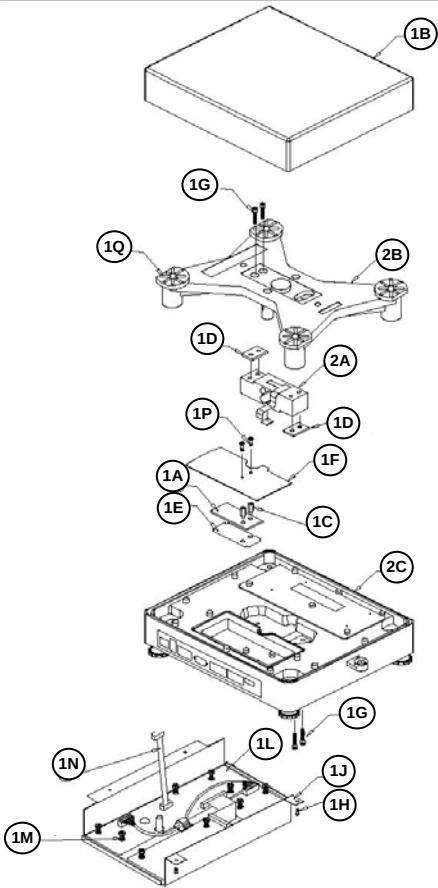
Note 3: Included in the Keyboard Kit

Note 4: Included in the Display PCB Kit

Model BC

BC30/BC60 Counting Scale

Ref.	Part Number	Description	Qty
1A	*15313500A	DigiTOL Load Cell PCB (See Note 2 Below)	1
1B	*15083400A	Platter Assb.	1
1C	*14497000A	Standoff Hex, 4M/F.16MM Brass	2
1D	*14647700A	Spacer Block	2
1E	*14647900A	Insulator Logic	1
1F	*14648800A	Cover Plate	1
1G	R0517600A	M8 x 30 Cap Screw	4
1H	R0369800A	#8 x 5/8 Tap Screw	4
1J	*14649200A	Cover, Bottom	1
1L	*14745900A	Large BC Logic PCB	1
1M	R0514700A	M-0.7 x 6PH Torx/Slot Screw	5
1N	*14745600A	Load Cell Harness	1
1P	R0514600A	M40-0.7 x 8 Hex Drilled Screw	2
1Q	*15083900A	Platter Pad	4
2A	*15213600A	45 kg Load Cell Assb. (See Note 3 Below)	1
2A	*15213800A	100 kg Load Cell Assb. (See Note 3 Below)	1
2B	*14544100B	Spider Assb.	1
2C	*14749300A	Scale Enclosure Assb. (30 kg)	1
2C	*14649500A	Scale Enclosure Assb. (60 kg)	1
Not Shown	*14036400A	Large BC NiCad Battery	1
Not Shown	*14647300D	English Complete Keyboard/Display Assb. (See Note 1 Below)	1
Not Shown	*14647300B	International Complete Keyboard/ Display Assb. (See Note 1 Below)	1
Not Shown	*14083200A	Standard Power Supply	1
Not Shown	*14664800A	1.0 Amp Power Supply	1
Not Shown	*10386700A	Line Cord (USA)	1
Not Shown	*13894600A	Line Cord (UK)	1
Not Shown	*13902200A	Line Cord (Europe)	1
Not Shown	*14235700A	Line Cord (Australia)	1



BC30/BC60 Counting Scale

* Part number may have alpha prefix

Note 1: Consists of all parts on

Note 2: This new style PCB should only be used to replace a PCB with the same part number. If the existing PCB is part number A14080400A, both the load cell (item 2A) and the PCB (item 1A) must be replaced together. The kit with both the load cell and PCB together are:

BC30 153817 00A (45 kg)

BC60 153818 00A (100 kg)

Note 3: This new style load cell should only be used to replace a load cell with the same part number. If the existing load cell is part number 14647500A (45kg) or 14647600A (100kg), both the load cell (item 2A) and the PCB (item 1A) must be replaced. The kit with both the load cell and PCB together are:

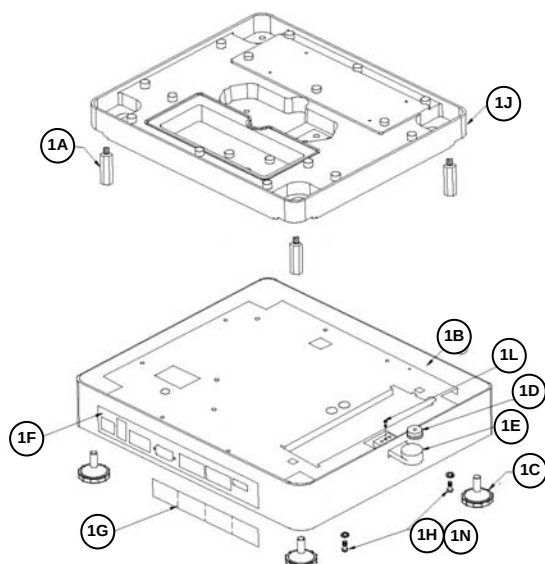
BC30 153817 00A (45kg)

BC60 153818 00A (100kg)

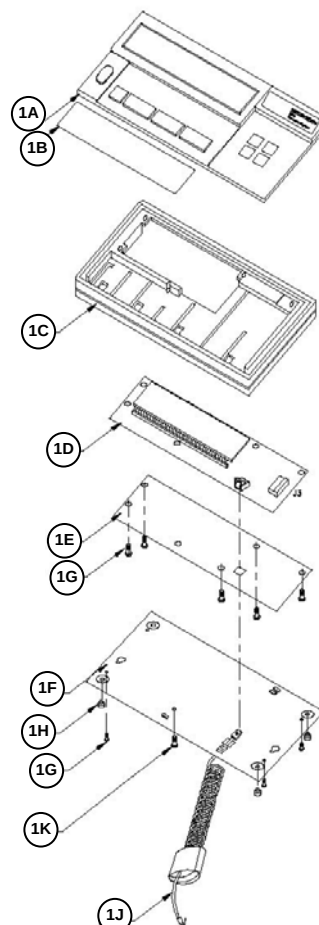
Note 4: 30 kg scale bases have screws that attach from the bottom of the base.

BC30/BC60 Scale Chassis

Ref.	Part Number	Description	Qty
1A	*14648300A	5/16 -18 x 1.50 Hex Post	4
1B	*14663800A	Skirt (See Note 1 Below)	1
1C	*14100500A	Foot	4
1D	*10268900A	Level	1
1E	*14664000A	Level Holder	1
1F	*14663900A	Connector Bezel	1
1G	*14664300A	Decal (Large BC)	1
1H	R0513100A	M4-0.7 x 10 Pan HD TT Torx/Slot	4
1J	*14543100A	Base	1
1L	R02180050	8-32 x 0.38 PH Pan HD Screw	1
1N	R00589130	#8 Lock Washer	4



BC30/BC60 Scale Chassis



BC30/BC60 Keyboard

BC30/BC60 Keyboard

Ref.	Part Number	Description	Qty.
1A	*15056200A	English Keyboard Kit	1
1A	*15056100A	International Keyboard Kit	1
1B	*14081500A	Display Lens (See Note 2 Below)	1
1C	*14647000A	Top Keyboard Cover	1
1D	*15056400A	Display PCB Kit	1
1E	*14663500A	Keyboard Insulator	1
1F	*14647100A	Bottom Plate Cover	1
1G	R0518300A	M3X10 PH Screw	9
1H	*14664700A	Foot	4
1J	*14973400A	Keyboard Cable	1
1K	R0513100A	M0.7x10 Pan HD Torx	1

* Part number may have alpha prefix

Note 1: If the skirt is replaced, the serial data plate from the original unit must be retained and attached to the new skirt.

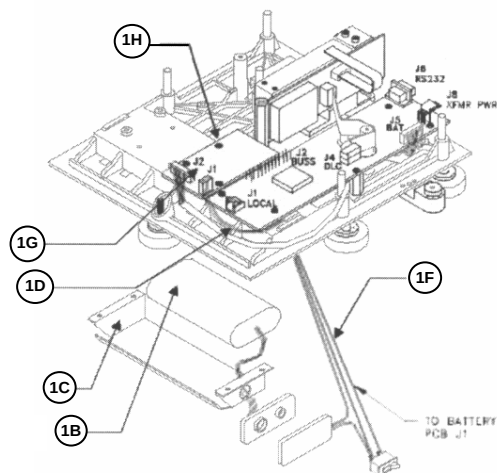
Note 2: Display lens included in the replacement keyboard kit.

Model BC

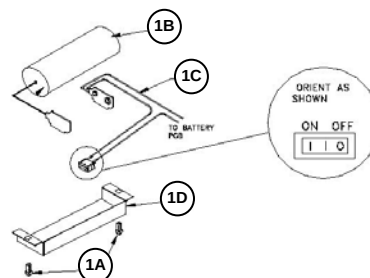
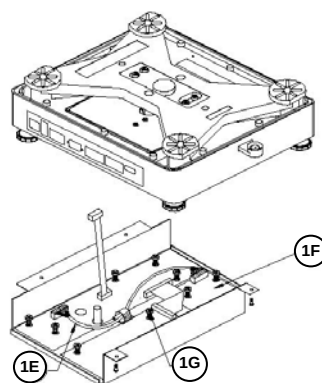
BC05/BC15 Optional Accessories Battery Kit

Ref.	Part Number	Description	Qty
	*14915900A /09190045000 Consists of Parts for BC05/BC15 Battery Kit		
1A	*12051300A	1/4 Turn Fastener	2
1B	*14036400A	7.2V 4.3 AH NiCad Battery	1
1C	*14036500A	Battery Bracket	1
1D	*14309900A	Harness (Battery to PCB Main PCB)	1
1E -Not Shown	*13912500A	Battery Cover	1
1F	*14034500A	Battery Harness	1
1G	*14470100A	Battery PCB	1
1H	R0514700A	M4-0.7x6 Torx Screw	4
1J	R0513200A	M3-0.5x8 Torx Screw	4

Note: Display lens included in the replacement keyboard kit.



BC05/BC15 Optional Accessories Battery Kit



BC30/BC60 Battery Kit

BC30/BC60 Battery Kit

Ref.	Part Number	Description	Qty
	*14915700A/09190049000 Consists of Parts for BC30/BC60 Battery Kit		
1A	*12051300A	1/4 Turn Fastener	2
1B	*14036400A	7.2V 4.3 AH NiCad Battery	1
1C	*14649100A	Battery Harness	1
1D	*14663400A	Battery Cover	1
1E	*14882200A	Harness (Battery PCB to Main PCB)	1
1F	*14470100A	Battery PCB	1
1G	R0514700A	M4-0.7 x 6 Torx Screw	3

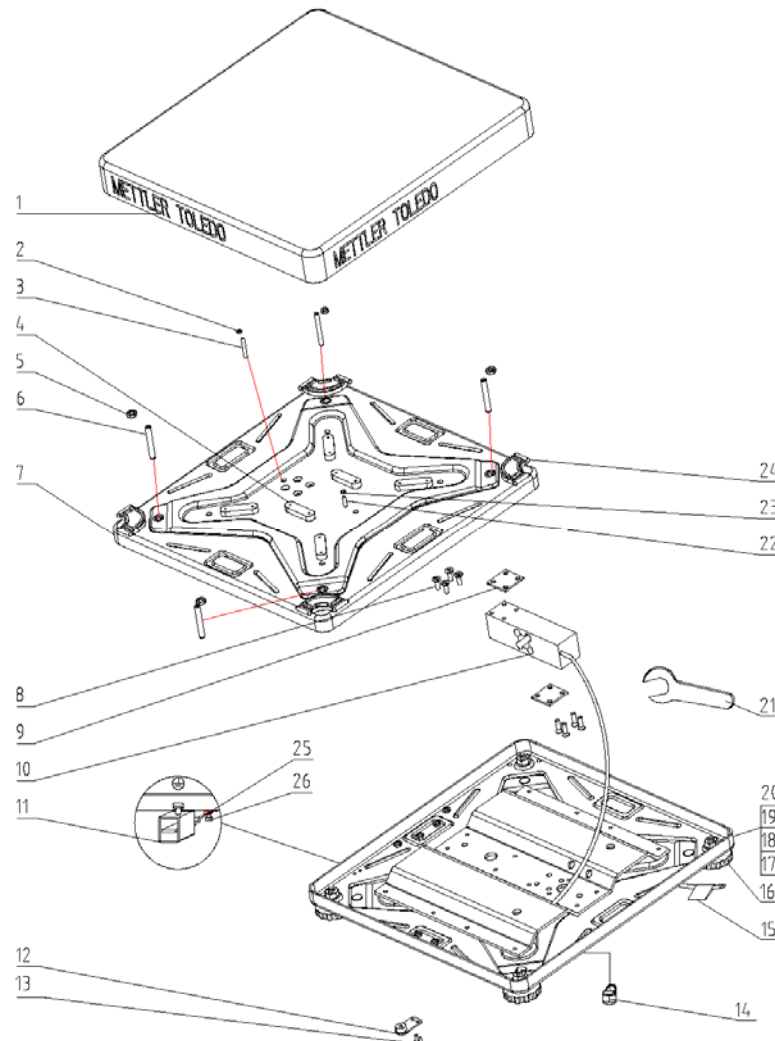
BC Optional Accessories

Part Number	Description	Factory Number
*14615900A	NiCad Battery Option BC05, BC15	0919-0045
*14915700A	NiCad Battery Option BC30, BC60	0919-0049
*14744700A	Extra NiCad Battery	0919-0046
*14753600A	1 Amp Power Supply w/ (USA) Line Cord	0919-0047
*15055800A	Remote Charger for Battery (120VAC)	0919-0051
*15056500A	1 Amp Power Supply w/ (UK) Line Cord	0919-0052
*15056600A	1 Amp Power Supply w/ (European) Line Cord	0919-0053
*15056700A	1 Amp Power Supply w/ (Australia) Line Cord	0919-0054
*15056900A	Keyboard/Display Stand BC30, BC60	0992-0001
*15010700A	Stand Attachment Bracket	0992-0002
*15057100A	W&M Sealing Kit	0992-0003
*15090300A	Software Upgrade Kit	0992-0004
*14995900A	RS-232 Interface Cable 20'/6M (DB25M Connector)	0900-0255
*13604900A	RS-232 Interface Cable 15'/5M (DB9F Connector)	0900-0278
*13605000A	RS-232 Host Interface 15'/5M (DB25F Connector)	0900-0279

* Part number may have alpha prefix

CB60L, CB150(X) and CBU60LX, CBU150X Bases

Ref.	Part Number	Description	
1	*71140076	Platter, 18"x18"	1
2	*71141982	Nut, M6	7
3	*71140974	Set screw, M6x55	7
4	*71140095	Rubber support	7
5	*71141983	Nut, M8	7
6	*71141986	Set screw, M8x65, CB60L, CBU60LX	4
	*71140975	Set screw, M8x60, CB150, CB150X, CBU150X	4
7	*71140088	Sub platter assembly	1
8	*71140978	Screw Hex Soc M6x20	1
9	*71140093	Spacer, Load cell	2
	*16493400A	Load cell 100kg, CB60L	
	*16493400B	Load cell 200kg, CB150	
	*16522800B	Load cell 200kg, CB150X, FM approved	
	*16522800C	Load cell 100kg, CBU60LX, FM approved	
10	*16522800D	Load cell 200kg, CBU150X, FM approved	1
11	*71145714	Ground Lug, Terminal, FM approval models only	1
12	*71140099	Bubble level	1
13	*71124080	Screw, PH Taptite M4x10	2
14	*71141980	Lock clamp	1
15	*71145715	Label, Wiring, FM approval models only	1
16	*71140096	Adjustable feet	4
17	*71140097	Clamp	4
18	*71145895	Screw, PH Taptite M5x10	4
19	*71140089	Base Assembly	1
20	*71152312	Data label, FM approval models only	1
21	*71140932	Wrench	1
22	*71141984	Set screw, M6x16	
23	*71141982	Nut, M6	1
24	*71140094	Rubber support, Corner	4
25	*71124080	Screw, PH Taptite M4x10	1
26	*71145713	Lock Washer, External Tooth, 4	1



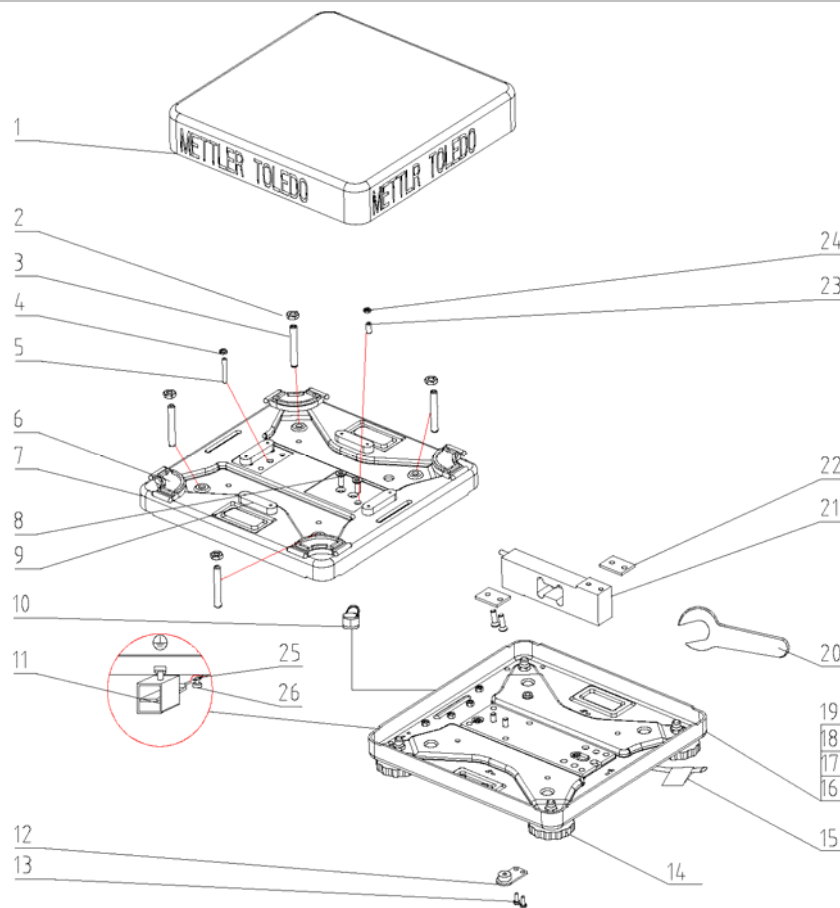
CB60L, CB150(X) and CBU60LX, CBU150X Bases

* Part number may have an alpha prefix

Model CB/CBU

CB30, CB60(X) and CBU30X, CBU60X Bases

Ref.	Part Number	Description	
1	*71140075	Platter, 12"x12"	1
2	*71141982	Nut, M6	4
3	*71141985	Set screw, M6x50	4
4	*71141982	Nut, M6	1
5	*71140974	Set screw, M6x55	1
6	*71140094	Rubber support, Corner	4
7	*71140086	Sub platter assembly	1
8	*71140977	Screw Hex Soc M6x20	8
9	*71140095	Rubber support	4
10	*71141980	Lock clamp	1
11	*71145714	Ground Lug, Terminal, FM approval models only	1
12	*71140099	Bubble level	1
13	*71124080	Screw, PH Taptite M4x10	2
14	*71140096	Adjustable feet	4
15	*71145715	Label, Wiring, FM approval models only	1
16	*71140097	Clamp	4
17	*71145895	Screw, PH Taptite M5x10	3
18	*71140087	Base Assembly	1
19	*71152312	Data label, FM approval models only	1
20	*71140932	Wrench	1
21	*16493300C	Load cell 50kg, CB30	1
	*16493300D	Load cell 100kg, CB60	
	*16522700D	Load cell 100kg, CB60X, FM approved	
	*16522700G	Load cell 50kg, CBU30X, FM approved	
	*16522700H	Load cell 100kg, CBU60X, FM approved	
22	*71140090	Spacer, Load cell	2
23	*71141982	Nut, M6	1
24	*71141984	Set screw, M6 x 16	1
25	*71124080	Screw, PH Taptite M4x10	1
26	*71145713	Lock Washer, External Tooth, 4	1

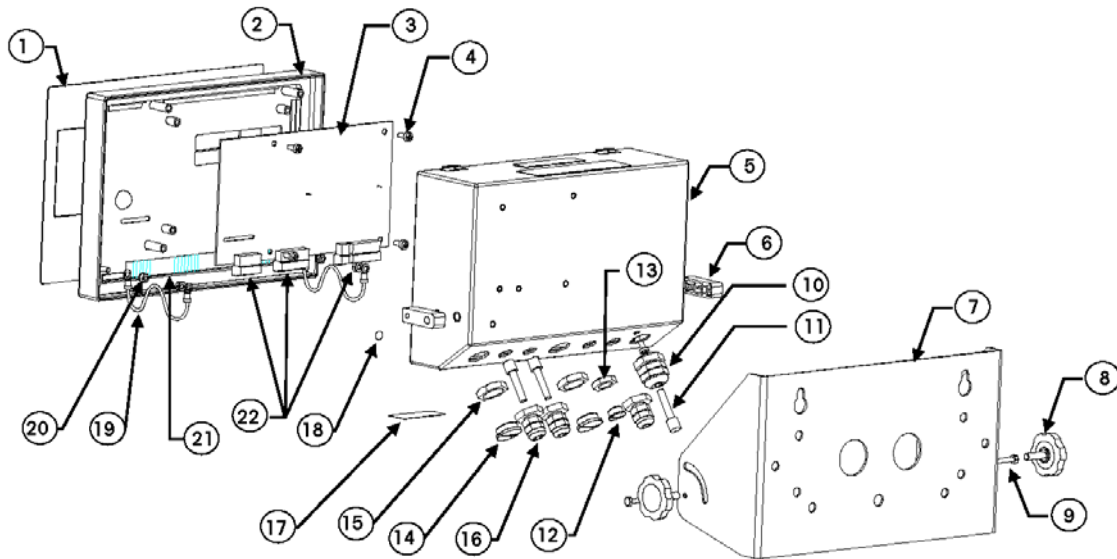


CB30, CB60(X) and CBU30X, CBU60X Bases

Model Cougar - Standard

Cougar Indicator - Standard

Ref.	Part Number	Description	Qty.
1	*15376200A	Keyboard Assembly	1
2	*15322300A	Front Cover Assembly	1
3	*15434900A	PCB Assembly (Standard)	1
4	R0511100A	Taptite Screw, Phillips, M4x10	4
5	*14465700A	Enclosure Assembly	1
6	14734500A	Spacer, Mounting Bracket	2
7	*14734400A	Mounting Bracket	1
8	*14734600A	Plastic Knob, M6x20	2
9	R0520400A	Pan Head Screw, M4x8	1
10	*13002300A	Cord Bushing, 0.200-0.394	1
11	*14467600A	Hole Plug, 0.24-0.38	3
12	*14399900A	Hole Plug, PG7	1
13	*14577900A	Hex Nut, PG7	1
14	*14724000A	Threaded Plug, PG11	2
15	*14724100A	Hex Nut, PG11	2
16	*12901800A	Cord Bushing, 0.118-0.255	3
17	*12699700A	Warning Label, Disconnect Power	1
18	*14531400A	Ground Label, BSI, 0.31 OD	1
19	*14467500A	Tension Cable, 3"	2
20	R0519600A	Hex Nut, KEPS, M4	5
21	*15322100A	Field Termination Label	1
22	*14113100A	Terminal Strip, Six Position	1
23	*14113300A	Terminal Strip, Eight Position	2
Not Shown	R0528000A	Hex Head Screw, M4x20, SS	2
Not Shown	*14749600A	Power Supply Assembly	1
Not Shown	*10839700A	Foot, Adhesive Back	4
Not Shown	*11511200A	Foot, Adhesive Back	1
Not Shown	*15399700A	Address Label Set	1
Not Shown	*14235400A	Capacity Label	1
Not Shown	*14476100A	Screwdriver	1
Not Shown	*12363300A	Security Seal Label	2
Not Shown	*14901700A	Capacity Label, CE	1
Not Shown	*12895900A	Battery	1



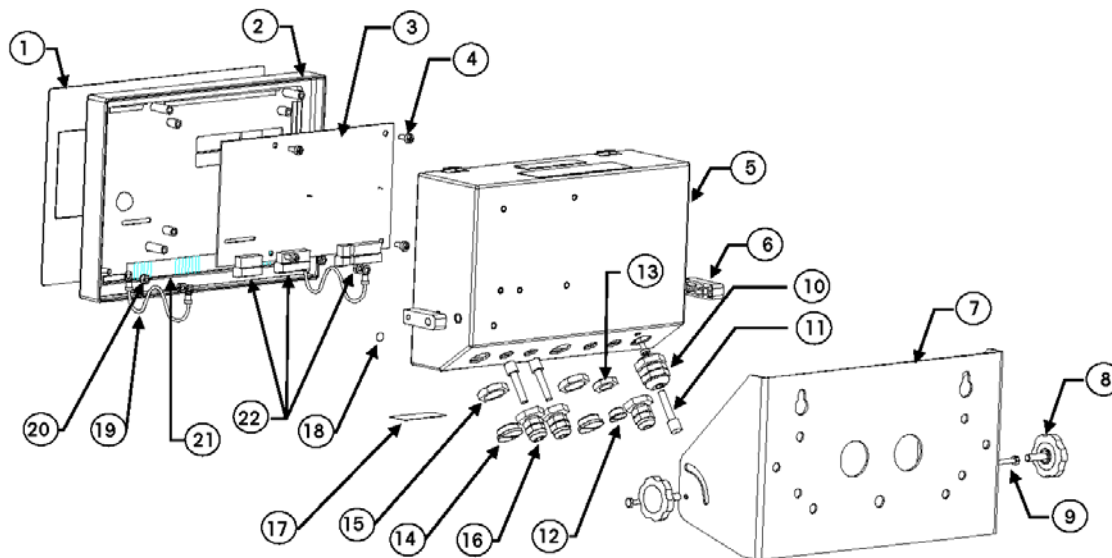
Cougar Indicator - Standard

* Part number may have alpha prefix

Model Cougar - Vehicle

Cougar Indicator - Vehicle

Ref.	Part Number	Description	Qty.
1	*15376200A	Keyboard Assembly	1
2	*15322300A	Front Cover Assembly	1
3	*15494400A	PCB Assembly (VS)	1
4	R0511100A	Taprite Screw, Phillips, M4x10	4
5	*14465700A	Enclosure Assembly	1
6	14734500A	Spacer, Mounting Bracket	2
7	*14734400A	Mounting Bracket	1
8	*14734600A	Plastic Knob, M6x20	2
9	R0520400A	Pan Head Screw, M4x8	1
10	*13002300A	Cord Bushing, 0.200-0.394	1
11	*14467600A	Hole Plug, 0.24-0.38	3
12	*14399900A	Hole Plug, PG7	1
13	*14577900A	Hex Nut, PG7	1
14	*14724000A	Threaded Plug, PG11	2
15	*14724100A	Hex Nut, PG11	2
16	*12901800A	Cord Bushing, 0.118-0.255	3
17	*12699700A	Warning Label, Disconnect Power	1
18	*14531400A	Ground Label, BSI, 0.31 OD	1
19	*14467500A	Tension Cable, 3"	2
20	R0519600A	Hex Nut, KEPS, M4	5
21	*15322100A	Field Termination Label	1
22	*14113300A	Terminal Strip, Eight Position	1
Not Shown	R0528000A	Hex Head Screw, M4x20, SS	2
Not Shown	*14749600A	Power Supply Assembly	1
Not Shown	*10839700A	Foot, Adhesive Back	4
Not Shown	*11511200A	Foot, Adhesive Back	1
Not Shown	*15399700A	Address Label Set	1
Not Shown	*14235400A	Capacity Label	1
Not Shown	*14476100A	Screwdriver	1
Not Shown	*12363300A	Security Seal Label	2
Not Shown	*14901700A	Capacity Label, CE	1
Not Shown	*12895900A	Battery	1



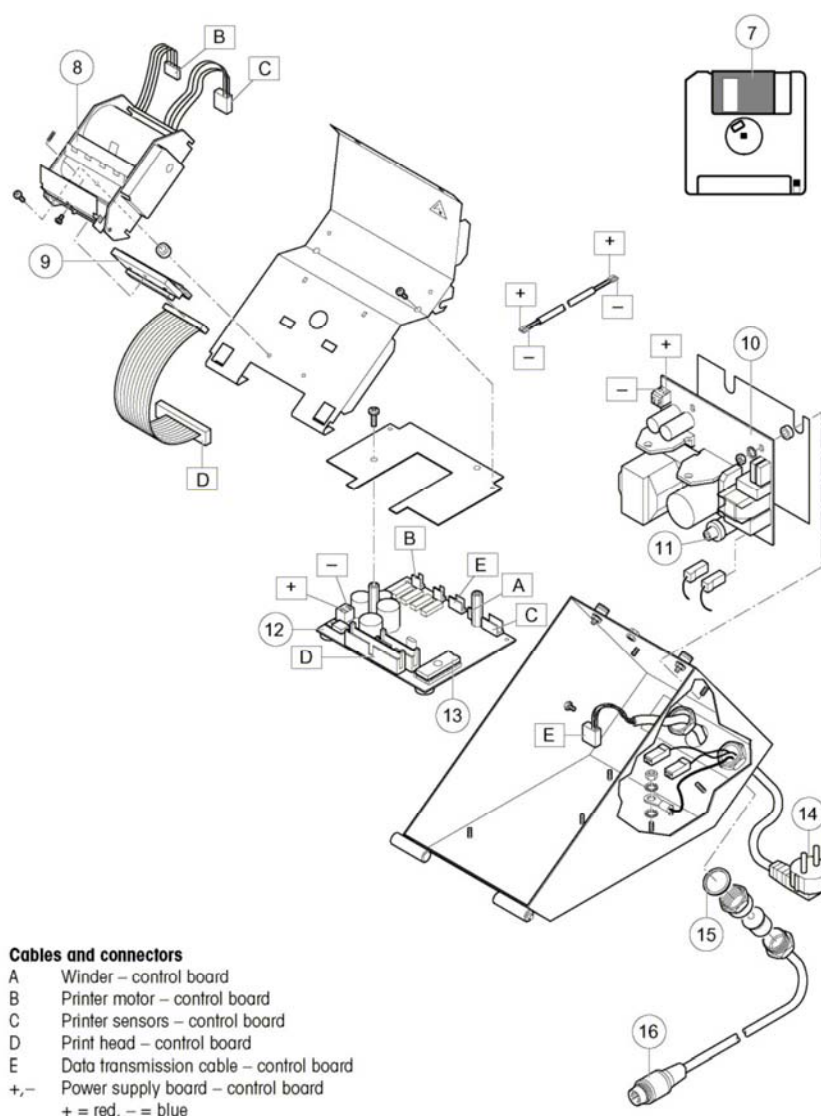
Cougar Indicator - Vehicle

* Part number may have alpha prefix

GA46 Printer

Ref.	Part Number	Description
1	00 207 291	Cover GA46-W, complete
2	00 204 745	Cover seal GA46/GA46-W
3	00 207 292	Winder, complete with cable and connector
4	00 504 669	Sealing washer 4.2 x 8
5	00 201 826	O-ring 6.02 x 2.62
6	00 504 186	Leveling foot
	00 505 755	Software for adjustment of the print head, 3 1/2" diskette
7	00 207 289 *	Printing unit, complete with print head, Hall sensor and traveling wheel
8	00 203 710 *	Print head
9	00 205 040	Power supply board
10	00 089 922	Fuse, slow-blow 2.5 A - h.v. 250 V
11	00 207 290 *	Control board, complete
12	00 505 753	Service program GA46...
13	Euro 00 504 247	Power cable, complete with connector
	GB 00 504 248	
	DK 00 504 249	
	CH 00 504 250	
	USA 00 504 251	
	ZA 00 504 252	
	AUS, RA 00 504 253	
14	00 500 492	Seal 22.5 x 18.6 x 2
15	00 204 744	Interface cable RS232/GA46...

* When these parts are replaced, the resistance of the print head must be adjusted. The software needed for this is stored on diskette (item 7).



GA46 Printer

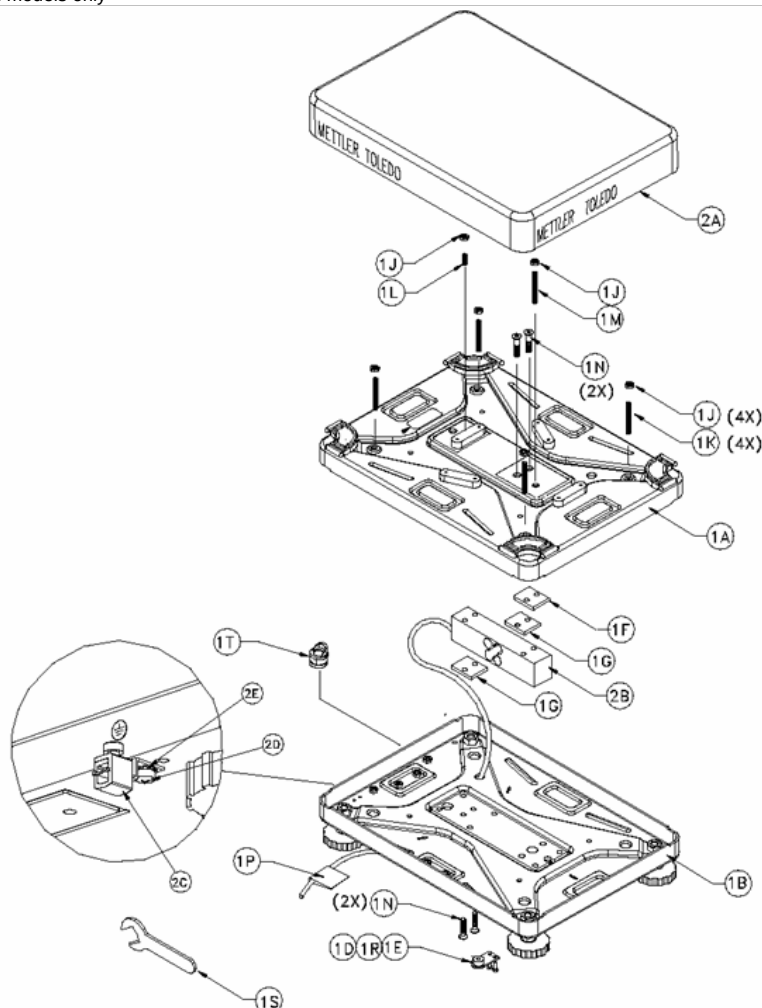
* Part number may have an alpha prefix

Model GB

GB BaseLine GB15P, GB30P, GB60P

Ref.	Part Number	Description	Qty.
1A	*14712500A	Assy, Sub Platter, Med.	1
1B	*14712400A	Assy, Base, Med.	1
1D	*15262700A	Plate, Bubble Level	1
1E	*10268900A	Level	1
1F	*13304200A	Spacer .188 (Top)	1
1G	*14647700A	Spacer, Load Cell,, 1.5 x 1.0	1
1H	R0506600A	Screw, Tap M4 x 10	2
1J	R0526700A	Nut, M6 (JAM)	6
1K	R0523800A	Set Screw, M6 x 50	4
1L	R0523900A	Set Screw, M6 x 18	1
1M	R0524000A	Set Screw, M6 x 55	1
1N	R0526200A	Screw FH Hex Soc M8 x 30	4
1P	*14867000A	Label, Wiring	1
1S	*14900800A	Wrench, 17mm	1
1T	*14740300A	Strain Relief	1
2A	*14608700A	Platter (SS)	1
GB15P			
2B	*14612300A	Load Cell, 22 kg	1
GB30P			
2B	*14611500A	Load Cell, 45 kg	1
GB60P			
2B	*14611900A	Load Cell, 100 kg	1
GB15PX			
2B	*15180900A	Assy, Load Cell, Intrinsic 22 kg	1
2C	*09870100A	Terminal, Ground Lug**	1
2D	R0506600A	Screw, M4-0.7 x 10 PH Taptite (See Note Below)	1
2E	R0254400A	Washer, Lock, External Tooth #8 (See Note Below)	1
GB30PX			
2B	*15181100A	Assy, Load Cell, Intrinsic 100 kg	1
2C	*09870100A	Terminal, Ground Lug (See Note Below)	1
2D	R0506600A	Screw, M4-0.7 x 10 PH Taptite (See Note Below)	1
2E	R0254400A	Washer, Lock, External Tooth #8 (See Note Below)	1

Note: CSA Approved models only

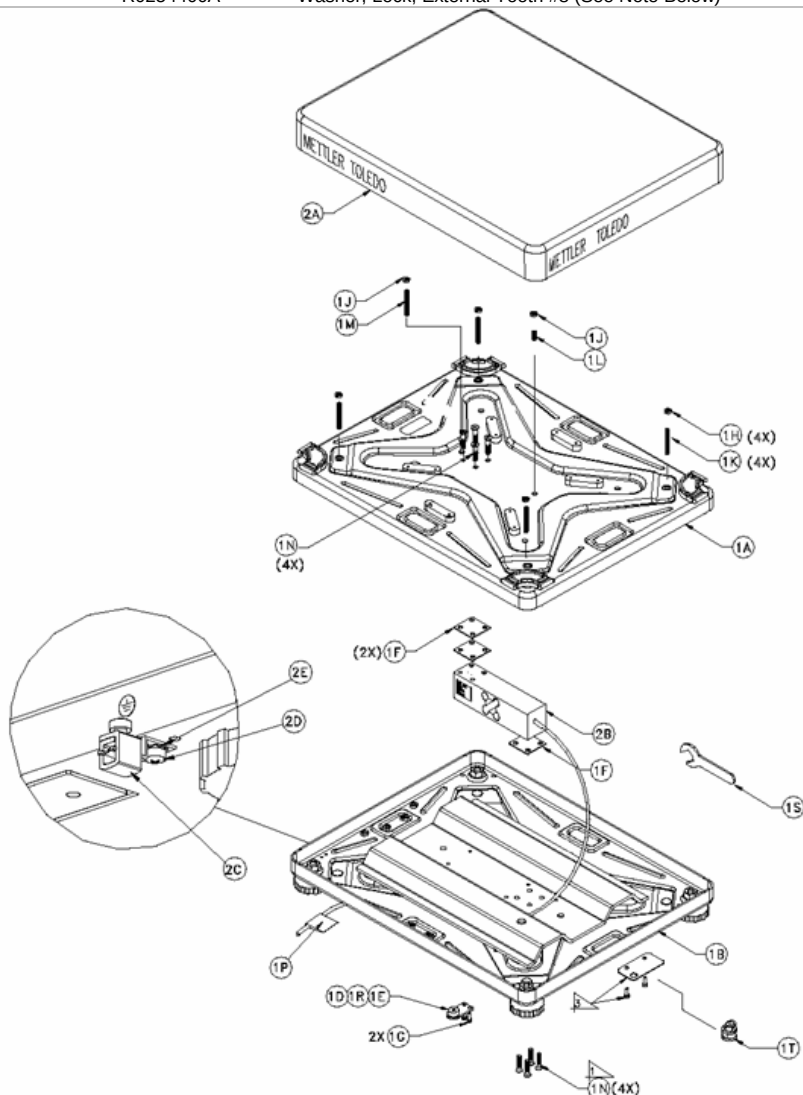


GB BaseLine GB15P, GB30P, GB60P

* Part number may have an alpha prefix

GB BaseLine GB60LP, GB150LP

Ref.	Part Number	Description	Qty.
1A	*14712700A	Assy Sub Platter Lg	1
1B	*14712600A	Assy, Base, Lg	1
1D	*15262700A	Plate, Bubble Level	1
1E	*10268900A	Level	1
1F	*14609700A	Spacer .098 (1 Bottom; 2 Top)	1
1G	R0506600A	Screw, Tap M4 x 10	1
1H	R0524100A	Nut, M8 (JAM)	2
1J	R0526700A	Nut, M6 (JAM)	6
1K	R0524300A	Set Screw, M8 x 1.25 x 63	4
1L	R0526600A	Set Screw, M6 x 16	1
1M	R0524000A	Set Screw, M6 x 55	1
1N	R0524200A	Screw, FH Hex Soc M6 x 30	4
1P	*14867000A	Label, Load Cell	1
1S	*14900800A	Wrench, 17mm	1
1T	*14740300A	Strain Relief	1
2A	*14610600A	Platter (SS)	1
GB60LP			
2B	*14654600A	Load cell, 100 kg	1
GB150P			
2B	*14639000A	Load cell, 200 kg	1
GB60LPX			
2B	*15181200A	Assy, Load Cell, Intrinsic 100 kg	1
2C	*09870100A	Terminal, Ground Lug (See Note Below)	1
2D	R0506600A	Screw M4-0.7 x 10 PH Taptite (See Note Below)	1
2E	R0254400A	Washer, Lock, External Tooth #8 (See Note Below)	1
GB150PX			
2B	*15181300A	Assy, Load Cell, Intrinsic 200 kg	1
2C	*09870100A	Terminal, Ground Lug (See Note Below)	1
2D	R0506600A	Screw M4-0.7 x 10 PH Taptite (See Note Below)	1
2E	R0254400A	Washer, Lock, External Tooth #8 (See Note Below)	1



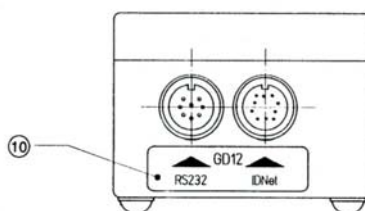
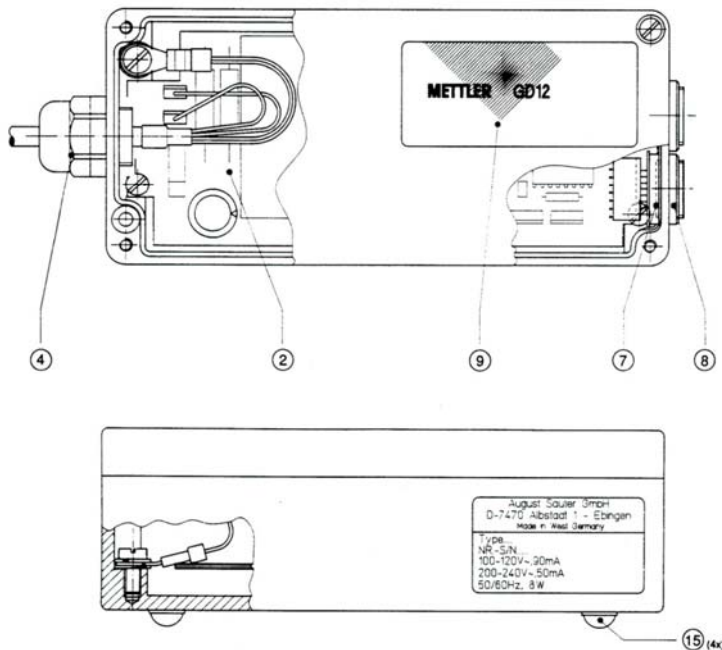
GB BaseLine GB60LP, GB150LP

Note: CSA Approved models only
 * Part number may have an alpha prefix

Model GD31 and GD46

GD12 MultiRange

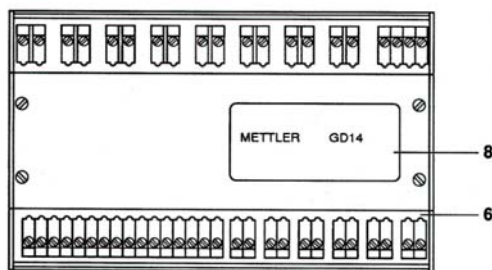
Ref.	Part Number	Description
2	*00201135/V	PPB PCB
4	*00504247	Power cable Europe
	*00504248	Power cable GB
	*00504249	Power cable DK
	*00504250	Power cable CH
	*00504251	Power cable USA
	*00504252	Power cable ZA
	*00504253	Power cable AUS
7	*00504073	O-ring 18x1
8	*00500333	Ring nut
9	*00504474	Company nameplate GD12
10	*00504549	Socket nameplate GD12
15	*00502033	Buffer
	*00087158	Microfuse T100 mA



GD12 MultiRange

GD14 MultiRange

Ref.	Part Number	Description
6	*00201303/V	6 PCB GD14H
8	*00504475	Company nameplate GD14

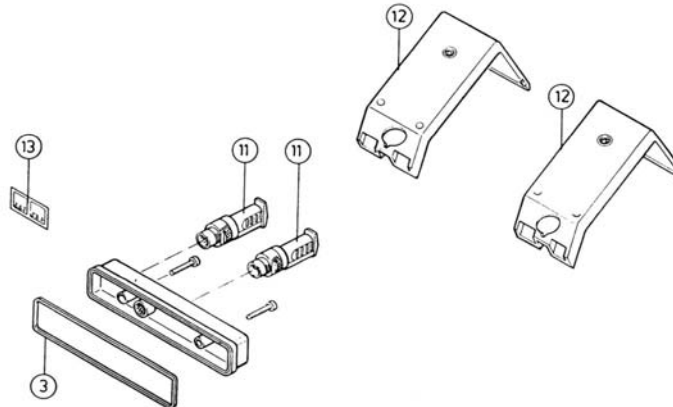


GD14 MultiRange

* Part number may have an alpha prefix

GD31 MultiRange

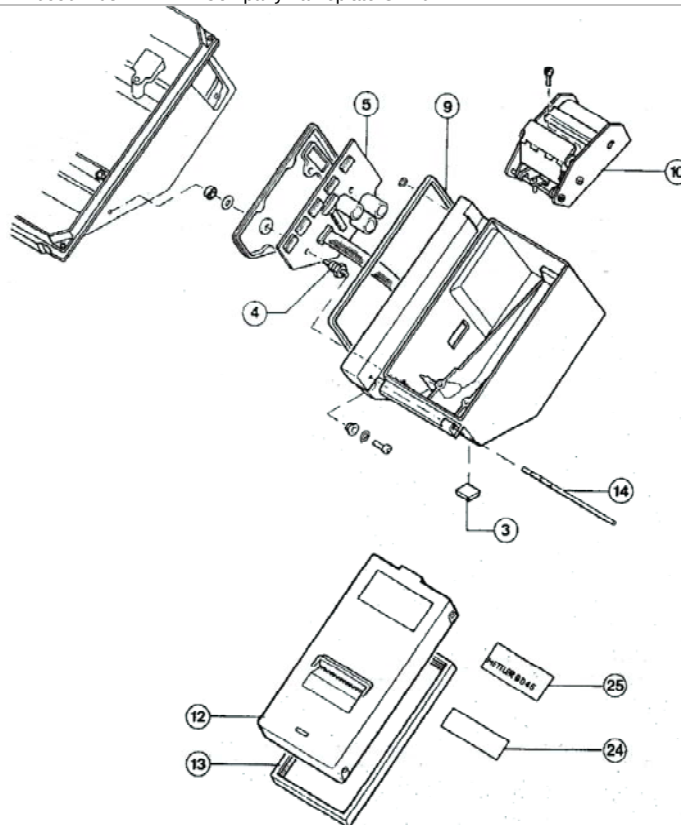
Ref.	Part Number	Description
3	*00504563	Seal
11	*00504241	Connection plug
12	*22000386	ID card, new
13	*00504240	Adhesive nameplate



GD31 MultiRange

GD46 MultiRange

Ref.	Part Number	Description
3	*00504186	Leveling foot
4	*00504187	Rubber buffer
5	*00200003/V	AP0 PCB
9	*00504189	Seal
10	*00504027	Printer 86
12	*00504190	Printer cover
13	*00504191	Cover seal
14	*00504192	Shaft
24	*00504454	Adhesive nameplate D
25	*00504193	Company nameplate GD46



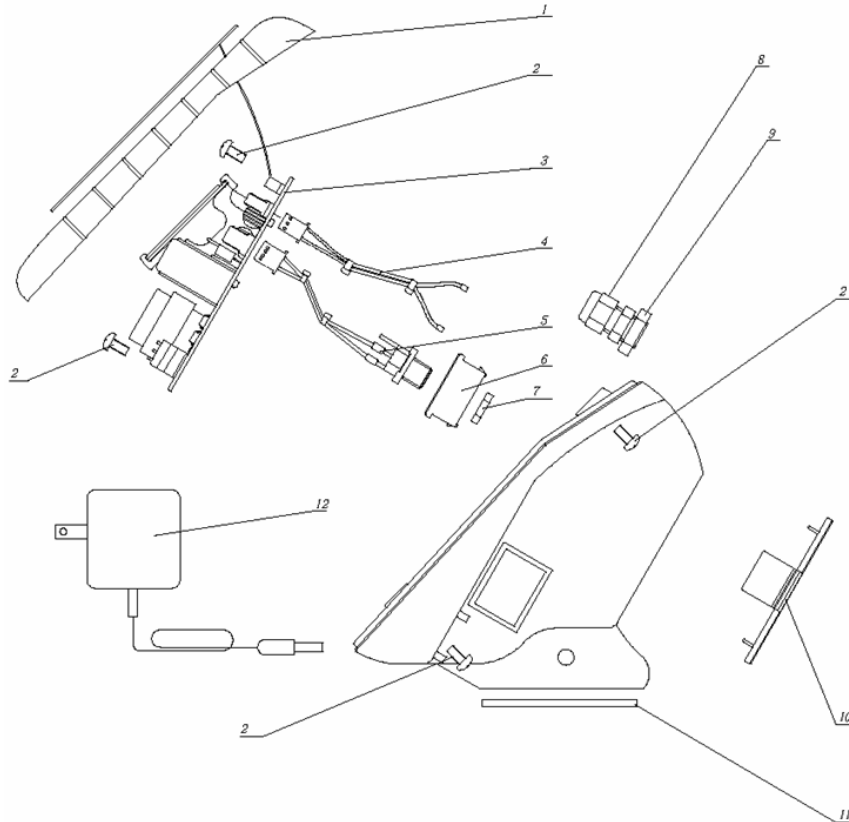
GD46 MultiRange

* Part number may have an alpha prefix

Model HAWK

HAWK Terminal

Ref.	Part Number	Description	Qty.
1	*1274820OTC	Front Cover, Keyboard & Overlay Assembly	1
2	RO512000A	Screw, M4 x 6	8
3	*1274830TC	Main PCB with Backlight	1
	*1274840TC	Main PCB without Backlight	1
4	*1244660TC	Battery Harness	1
5	*1244670TC	Power Supply Harness	1
6	*1244540TC	Power Supply Plate	1
7	RO528800A	Nut, Power Supply	1
8	*12901800A	Grip Bushing	1
9	*14577900A	Grip Bushing Nut	1
10	*1244530TC	Battery Cavity Cover Plate	1
11	*1244640TC	Rubber Bar	2
12	*1244740TC	Wall Adaptor, 120 VAC, US Plug	1
	*1256700TC	Wall Adaptor, 220 VAC, US Plug	
	*1259690TC	Wall Adaptor, 230 VAC, EU Plug	

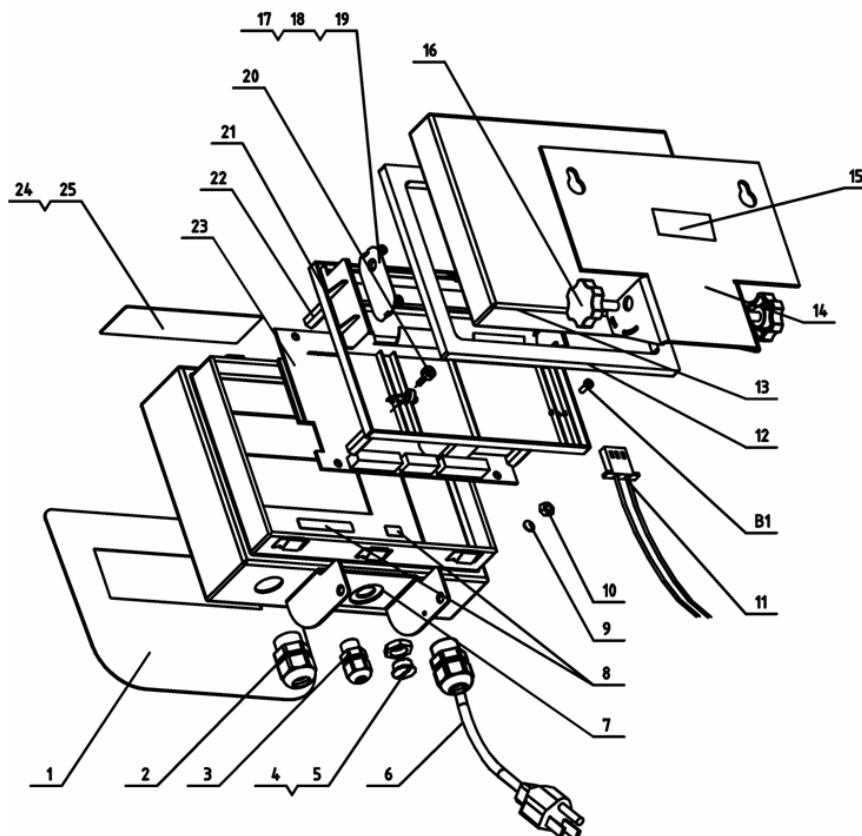


HAWK Terminal

* Part number may have alpha prefix

HAWK Harsh Terminal

Ref.	Part Number	Description	Qty.
1	138031	Keyboard, Hawk Harsh	1
2	119939	Cable clamp, PG11	1
3	112948	Cable clamp, PG7	1
4	129165	Sealed insert, PG7	1
5	129166	Locked nuts, PG7	1
6	123260	Power line cord, AUS cord	1
7	138039	Front panel assembly Hawk Harsh	1
8	134275	Data label	1
9	119273	Label, grounded	1
10	119319	Hex nuts, M4	1
11	124466	Harness battery	1
12	133513	Sealing gasket	1
13	133505	Bottom base	1
14	123266	Wall mount bracket	1
15	103596	Label, power warning	1
16	119952	Knob	2
17	127396	Battery spring III	1
18	127395	Battery spring II	1
19	127394	Battery spring I	1
20	133510	Battery chamber	1
21	133514	Hex nuts, M3/4 x 32	4
22	133185	Main PC board assembly	1
23	128080	Data label	1
24	127591	Transparency cover	1
25	119323	Screw M3 x 8	3



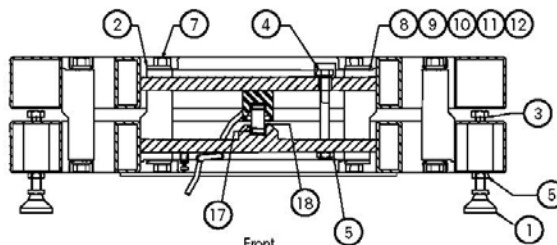
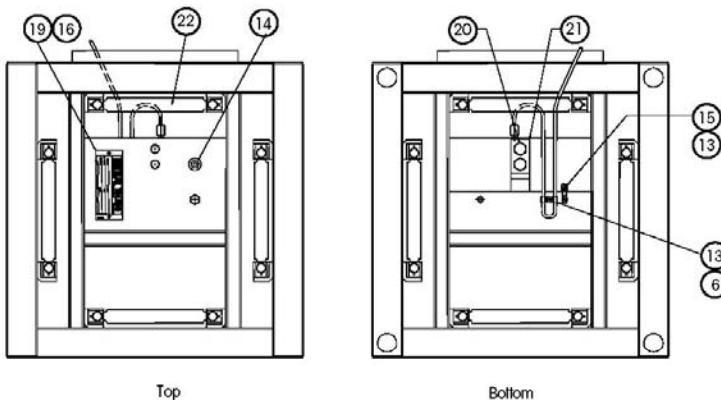
HAWK Harsh Terminal

* Part number may have an alpha prefix

Model HD

HD BaseLine Scale Base (20" x 20")

Ref.	Part Number	Description	Qty.
1	TN203728	Leveling Foot, 3/8-16 x 2	4
2	TN203736	Clamp Plate, Stainless Steel	16
3	MZ0901010030	3/8-16 x 3/4 Hex Head Cap Screw, Stainless Steel	4
4	MZ0901010513	3/8-16 3.25 Hex Head Cap Screw, Stainless Steel	1
5	MZ0901020054	3/8-16 Hex Head Jam Nut, Stainless Steel	5
6	MZ0907000008	Cable Clamp, 3/16 inch	2
7	MZ0901010514	3/8-24 x 3/4 Hex Head Cap Screw, Lamaloy	16
8	TN203737	HD Shim, 0.003 Thick, Stainless Steel	As Needed
9	TN203738	HD Shim, 0.005 Thick, Stainless Steel	As Needed
10	TN203739	HD Shim, 0.010 Thick, Stainless Steel	As Needed
11	TN203740	HD Shim, 0.0005 Thick, Stainless Steel	As Needed
12	TN203741	HD Shim, 0.001 Thick, Stainless Steel	As Needed
13	MZ0901010166	10-32 x 1/2 Phillips Head Screw, Stainless Steel	2
14	TN201817	Circular Bubble Level	1
15	*09870100A	Ground Lug, 14-6 Gauge #10 MTG	1
16	MNT31004	Data Label	1
17	MZ0909000005	O-Ring	2
18	TN200050	Rocker Pin, Stainless Steel	1
19	MZ0904000067	Blind Rivet, 1/8 x 1/4, Stainless Steel	2
20	TN800646	1/2-13 x 1.75 Socket Head Cap Screw, Stainless Steel	2
21	TB600787-015	Load Cell, 250 lb, potted, 15-foot cable	1
	TB600787-030	Load Cell, 250 lb, potted, 30-foot cable	
	TB600788-015	Load Cell, 500 lb, hermetic, 15-foot cable	
	TB600788-030	Load Cell, 500 lb, hermetic, 30-foot cable	
	TB600789-015	Load Cell, 1,250 lb, hermetic, 15-foot cable	
	TB600789-030	Load Cell, 1,250 lb, hermetic, 30-foot cable	
22	TA203540	Flexure, Stainless Steel	8
—	HD-040000	HD Shim Kit, Stainless Steel	—
—	TB203764	20x20 Platter, Stainless Steel	—



HD BaseLine Scale Base (20" x 20")

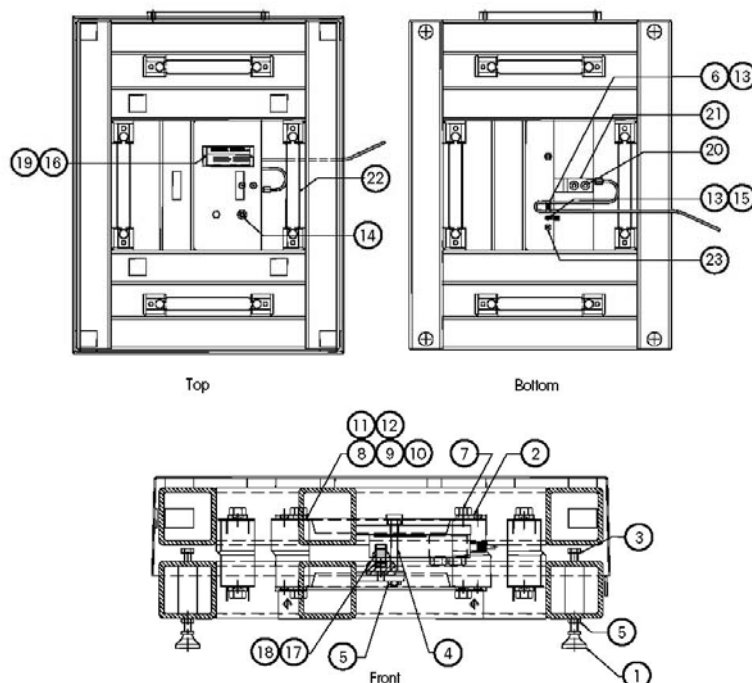
HD Scale Base Accessories (20" x 20")

Ref.	Part Number	Description	Qty.
—	88-500000	Indicator Column, Stainless Steel	—
—	58-500402	Column Mounting Bracket, Stainless Steel	—

* Part number may have alpha prefix

HD BaseLine Scale Base (24" x 30")

Ref.	Part Number	Description	Qty
1	TN203728	Leveling Foot, 3/8-16 x 2	4
2	TN204094	Clamp Plate, Stainless Steel	16
3	MZ0901010076	3/8-16 x 1.25 Hex Head Cap Screw, Stainless Steel	4
4	MZ0901010513	3/8-16 x 3.25 Hex Head Cap Screw, Stainless Steel	1
5	MZ0901020054	3/8-16 Hex Head Jam Nut, Stainless Steel	5
6	MZ0907000008	Cable Clamp, 3/16 inch	2
7	MZ0901010533	1/2-20 x 1 Hex Head Cap Screw, Lamaloy	16
8	TN204252	HD Shim, 0.0005 Thick, Stainless Steel	As Needed
9	TN204253	HD Shim, 0.001 Thick, Stainless Steel	As Needed
10	TN204254	HD Shim, 0.003 Thick, Stainless Steel	As Needed
11	TN204255	HD Shim, 0.005 Thick, Stainless Steel	As Needed
12	TN204256	HD Shim, 0.010 Thick, Stainless Steel	As Needed
13	MZ0901010166	10-32 x 1/2 Phillips Head Screw, Stainless Steel	2
14	TN201817	Circular Bubble Level	4
15	*09870100A	Ground Lug, 14-6 Gauge #10 MTG	4
16	MN31004	Data Label	4
17	MZ0909000005	O-ring	2
18	TN200050	Rocker Pin, Stainless Steel	4
19	MZ0904000067	Blind Rivet, 1/8 x 1/4, Stainless Steel	2
20	TN800646	1/2-13 x 1.75 Socket Head Cap Screw, Stainless Steel	2
21	TB600789-015	Load Cell, 1,250 lb, hermetic, 15-foot cable	1
	TB600789-030	Load Cell, 1,250 lb, hermetic, 30-foot cable	
	TB600880-015	Load Cell, 2,500 lb, hermetic, 15-foot cable	
	TB600880-030	Load Cell, 2,500 lb, hermetic, 30-foot cable	
22	TA204092	Flexure, Stainless Steel	8
23	*12943000A	Ground Label	1
—	HD-040001	HD Shim Kit, Stainless Steel	—
—	TB204120	24x30 Platter, Stainless Steel	—



HD BaseLine Scale Base (24" x 30")

HD BaseLine Scale Base Accessories (24" x 30")

Ref.	Part Number	Description	Qty
—	HD-020000	Wheel Kit, Stainless Steel	—
—	88-500000	Indicator Column, Stainless Steel	—
—	58-500402	Column Mounting Bracket, Stainless Steel	—

* Part number may have an alpha prefix

Models ID1, ID1 Plus, and ID1 Analog

ID1

Part Number	Description
*201147	ID1 PCB
*20181	Microfuse T200 MA
*20182	Microfuse T200 MA
*500928	Switch Knob
*502032	O-Ring 5X1.5
*502959	Switch Fork
*504073	O-Ring 1SX1
*504126	Protective Cap
*504186	Adjusting Foot
*504246	Card Bracket
*504251	Power Cable (USA)
*504462	Housing Gasket
*504464	Display Window
*504465	ID1S keyboard
*504466	Window Gasket
*504467	ID1 program
*504468	Identcard S, short
*504469	O-Ring 5X1
*504470	Spacer
*87431	Microfuse T315 mA
*88284	Spacer



ID1

ID1 Plus

Part Number	Description
*505326	Cover, W/Display Window & Keypad
*203585	Keypad
*504468	Identcard S, Short
*203594	Gasket, Cover
*504186	Foot, Leveling
*203598	ID Net Connector
*203578	PCB, Main
*505303	EPROM, Programmed
*87431	Fuse, 315 mA
*87805	Fuse, 1.25A
*89922	Fuse, 2A
*505237	Interface 101, CL20MA
*505238	Interface 102, RS232
*505239	Interface 103, Digital I/O
*504251	Power Cord, USA

ID1 Plus Analog

Part Number	Description
*505471	GA46 Strip printer
*505799	GA46-W Strip printer
*208264	Printer-terminal adapter for fastening the printer to the terminal
*505237	Retrofittable built-in interface for 20 mA current loop connection, bi-directional, 7-pin socket
*503749	CL cable, 3 m
*503743	General purpose cable, 3 m
*500410	LX80/FX85 cable, 3 m
*503745	Mating connector, 7-pin
*505238	Retrofittable built-in interface for RS232C connection, bidirectional, 8-pin socket
*503754	RS232 cable/DTE, 3 m
*504374	RS232 cable/PC, 3 m
*503755	RS232 cable/DCE, 3 m
*504376	RS232 cable/9-pin, 3 m
*503756	Mating connector, 8-pin
*505239	Retrofittable built-in interface, digital inputs/outputs, 19-pin socket
*504371	GD14 relay interface, for signal amplification
*504458	GD14 connection cable, 10 m
*504461	Mating connector, 19-pin
*506847	Retrofittable built-in interface for RS422/RS485 connection, bi-directional, 6-pin socket
*204933	Cable with 6-pin connector and open end, 3 m
*204866	Mating connector, 6-pin
*204554	Analog cable with both ends open, 5 m
*204555	Analog cable with both ends open, 10 m
*209315	Analog cable with both ends open, 20 m
*504129	Wall bracket, black, plastic coated
*504130	Wall bracket, all stainless steel
*504131	Floor stand, black, plastic coated
*504132	Floor stand, all stainless steel
*503700	Stand base, black, plastic coated
*503701	Stand base, all stainless steel
*505319	Protective cover, for covering the weighing terminal, set of 3

* Part number may have an alpha prefix

Model ID2 and ID2SX

ID2

Part Number	Description
*44829	Power Supply PCB Ant
*44832	Main PCB AHA
*500333	Ring Nut
*502032	O-Ring 5X1.5
*502959	Switch Fork
*504073	O-Ring 18X1
*504186	Adjusting Foot
*504194	Rubber Foot
*504195	Kit-Blank Cover
*504196	Kit-Cover Seal
*504198	Terminal Cover
*504199	ID2 Keypad
*504200	Cover Seal
*504201	Blank Cover, Printer Socket
*504202	Cover Seal, Printer Socket
*504203	Grommet GM 2000 M5
*504205	ID2 Program
*504239	Identcard S
*504246	Card Bracket
*504251	Power Cable (USA)
*89385	Microfuse T2A

ID2SX

Part Number	Description
*625001	PCB, Main
*504665	EPROM
*504661	Display
*504658	Display Window
*504666	Display Window Gasket
*202214	Top Cover
*504660	Cover Gasket
*202217	Cover Mounting Screws
*504186	Leveling Foot
*502033	Rubber Foot
*504663	Keyboard

* Part number may have alpha prefix

Model ID5

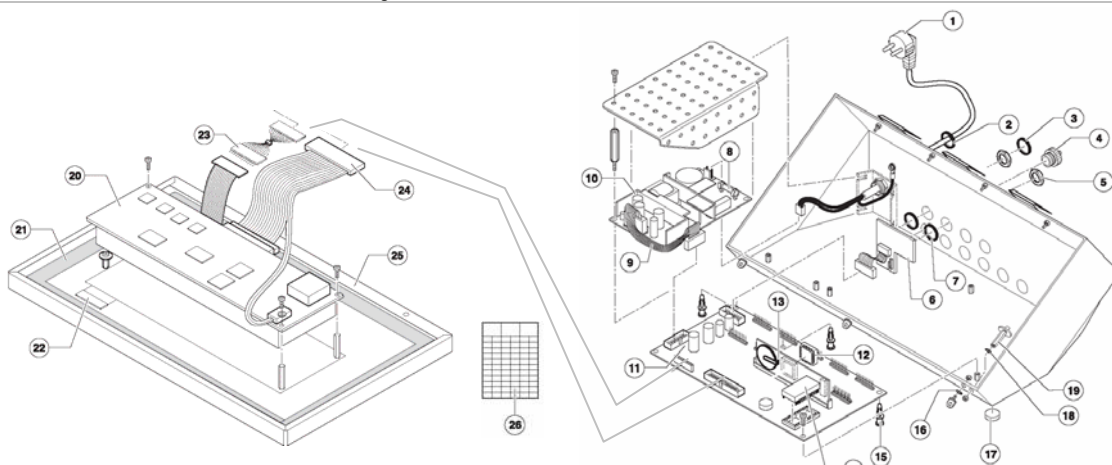
ID5

Part Number	Description
*201111	AT1 PCB
*44829	Power Supply PCB ANT
*44835	main PCB AHB
*500333	Ring Nut
*502032	O-Ring 5X1.5
*502959	Switch Fork
*504073	O-Ring 1SX1
*504186	Adjusting Foot
*504194	Rubber Foot
*504195	Kit-Blank Cover
*504196	Kit-Cover Seal
*504201	Blank Cover, Printer Socket
*504202	Cover Seal, Printer Socket
*504203	Grommet GM 2000 M5
*504206	ID5 Terminal Cover
*504207	ID5 Keypad
*504208	ID5 Cover Seal
*504209	PAC Seal
*504210	Blank Insert
*504212	Program ID/BasePAC
*504239	Identcard S
*504246	Card Bracket
*504251	Power Cable (USA)
*84331	RAM
*89385	Microfuse T2A

* Part number may have alpha prefix

ID7

Ref.	Part Number	Description
1	00507961	Main cable with plug, Euro
	00507962	Main cable with plug, GB
	00507963	Main cable with plug, USA
	00507964	Main cable with plug, CH
	00507965	Main cable with plug, DK
	22001095	Main cable with plug, AZ
	22001096	Main cable with plug, AUS
2	00209911	Sealing ring for power cable gland
3	22000714	Sealing ring for ID card
4	00089263	Dust protection cap
5	00507940	Hexagon nut, M18 x 0.75
6	00507668	ID7 socket board
7	00203656	O-ring, 16 x 1.25
8	22001624	Miniature fuse, F 2.5 AH
9	00507695	Power supply unit board cable
10	22000360	Power supply unit LPT46
11	00507525	ID7 Board without ID7 boot EPROM
12		ID7 Pac application
	22001496	EPROM with ID7-Base software
	22001497	EPROM with ID7-Count software
	22001498	EPROM with ID7-Data software
	22001499	EPROM with ID7-Form software
	22001500	EPROM with ID7-Sum software
	22001501	EPROM with ID7-Dos software
	22001502	EPROM with ID7-Dos-R software
	22001503	EPROM with ID7-Control software
13	00507665	ID7 memory module (without EPROM)
14		ID7 Boot EPROM
	00507694	Software version 1.xx
	22003816	Software version 2.xx
15	00204130	LP Spacer, 6mm
16	00507968	O-ring, 3.5 x 1.2
17	00200068	Base foot
18	22002509	O-ring, 6 x 1.5
19	22002277	ID7 Pressure compensation set complete with O-ring and screw
20	00203841	Display module, dot matrix
21		Cover seal
	00507683	For desk unit
	00507697	For panel and wall unit
22	00507688	Plug-in card, neutral, markable
23	2200357	Keypad extension cable, only for wall and panel unit
24		Display cable
	00507696	For desk unit
	22005366	For panel and wall unit
25		Cover, complete with window and keyboard
	22000375	For desk unit, glass
	22002280	For desk unit, plastic, for US
	22000376	For panel and wall unit, glass
	22002500	For panel and wall unit, plastic, for US
26		ID7 Label set, blank, markable
	22000378	Desk unit, wall unit
	22001099	Panel unit
30	00507003	Cable for analog scale ID7
32	22001066	ID7 Blind plug set
33	22000386	Calibration set for angle ID card and analog weighing platforms, set for weighing platforms of other manufacturers
34	22002279	Bolt set, M3 x 5 bolts, washers
35	00207294	Stand adapter, tilting, for wall bracket, support and floor stand with old, fixed stand adapter
36	00504241	Terminating connector

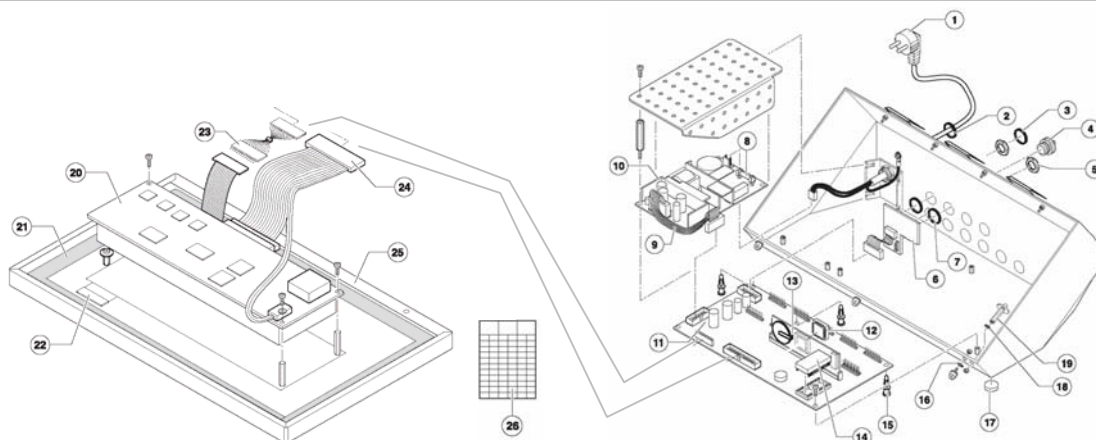


ID7

Model ID7²⁰⁰⁰

ID7²⁰⁰⁰

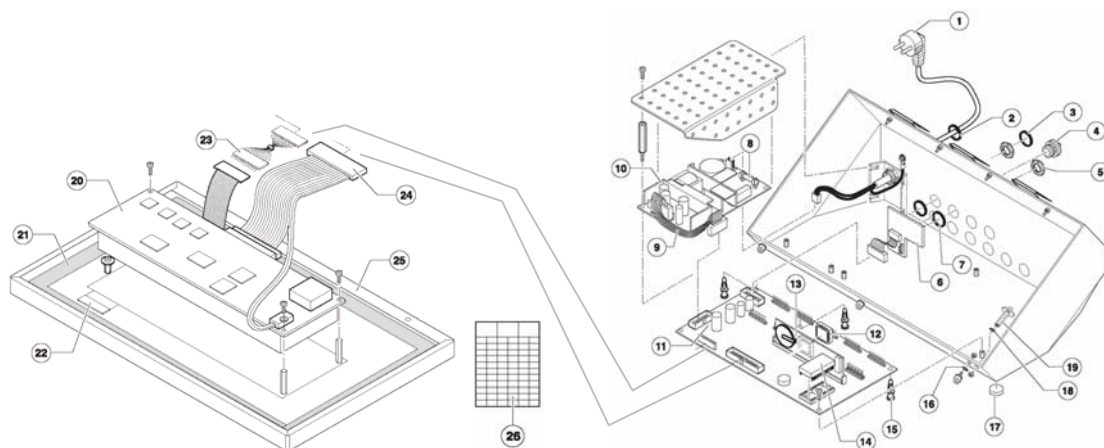
Ref.	Part Number	Description
1	00507961	Main cable with plug, Euro
	00507962	Main cable with plug, GB
	00507963	Main cable with plug, USA
	00507964	Main cable with plug, CH
	00507965	Main cable with plug, DK
	22001095	Main cable with plug, AZ
	22001096	Main cable with plug, AUS
2	00209911	Sealing ring for power cable gland
3	22000714	Sealing ring for ID card
4	00089263	Dust protection cap
5	00507940	Hexagon nut, M18 x 0.75
6	00507668	ID7 socket board
7	00203656	O-ring, 16 x 1.25
8	22001624	Miniature fuse, F 2.5 AH
9	00507695	Power supply unit board cable
10	22000360	Power supply unit LPT46
11	00507525	ID7 Board without ID7 boot EPROM
12		ID7 ²⁰⁰⁰ Pac application
	22004100	EPROM with ID7 ²⁰⁰⁰ -Base software
	22004101	EPROM with ID7 ²⁰⁰⁰ -Count software
	22004102	EPROM with ID7 ²⁰⁰⁰ -Data software
	22004103	EPROM with ID7 ²⁰⁰⁰ -Form software
	22004104	EPROM with ID7 ²⁰⁰⁰ -Sum software
	22004105	EPROM with ID7 ²⁰⁰⁰ -Dos software
	22004106	EPROM with ID7 ²⁰⁰⁰ -Dos-R software
	22004107	EPROM with ID7 ²⁰⁰⁰ -Control software
	22003624	EPROM with ID7 ²⁰⁰⁰ -MC software
13	00507665	ID7 memory module (without EPROM)
14		ID7 Boot EPROM
	00507694	Software version 1.xx
	22003816	Software version 2.xx
15	00204130	LP spacer, 6mm
16	00507968	O-ring, 3.5 x 1.2
17	00200068	Base foot
18	22002509	O-ring, 6 x 1.5
19	22002277	ID7 pressure compensation set complete with O-ring and screw
20	00203841	Display module, dot matrix
21		Cover seal
	00507683	For desk unit
	00507697	For panel and wall unit
22	00507688	Plug-in card, neutral, markable
23	2200357	Keypad extension cable, only for wall and panel unit
24		Display cable
	00507696	For desk unit
	22005366	For panel and wall unit
25		Cover, complete with window and keyboard
	22000375	For desk unit, glass
	22002280	For desk unit, plastic, for US
	22000376	For panel and wall unit, glass
	22002500	For panel and wall unit, plastic, for US
26		ID7 Label set, blank, markable
	22000378	Desk unit, wall unit
	22001099	Panel unit
30	00507003	Cable for analog scale ID7
32	22001066	ID7 Blind plug set
33	22000386	Calibration set for angle ID card and analog weighing platforms, set for weighing platforms of other manufacturers
34	22002279	Bolt set, M3 x 5 bolts, washers
35	00207294	Stand adapter, tilting, for wall bracket, support and floor stand with old, fixed stand adapter
36	00504241	Terminating connector



ID7²⁰⁰⁰

ID7^{24V}

Ref.	Part Number	Description
12		ID7 Pac application
	22001496	EPROM with ID7-Base software
	22001497	EPROM with ID7-Count software
	22001498	EPROM with ID7-Data software
	22001499	EPROM with ID7-Form software
	22001500	EPROM with ID7-Sum software
	22001501	EPROM with ID7-Dos software
	22001502	EPROM with ID7-Dos-R software
	22001503	EPROM with ID7-Control software
13	00507665	ID7 Memory module (without EPROM)
14		ID7 Boot EPROM
	00507694	Software version 1.xx
	22003816	Software version 2.xx
15	00204130	LP spacer, 6mm
16	00507968	O-ring, 3.5 x 1.2
17	00200068	Base foot
18	22002509	O-ring, 6 x 1.5
19	22002277	ID7 pressure compensation set complete with O-ring and screw
20	00203841	Display module, dot matrix
21		Cover seal
	00507683	For desk unit
	00507697	For panel and wall unit
22	00507688	Plug-in card, neutral, markable
23	2200357	Keypad extension cable, only for wall and panel unit
24		Display cable
	00507696	For desk unit
	22005366	For panel and wall unit
25		Cover, complete with window and keyboard
	22000375	For desk unit, glass
	22002280	For desk unit, plastic, for US
	22000376	For panel and wall unit, glass
	22002500	For panel and wall unit, plastic, for US
26		ID7 Label set, blank, markable
	22000378	Desk unit, wall unit
	22001099	Panel unit
30	00507003	Cable for analog scale ID7
32	22001066	ID7 blind plug set
33	22000386	Calibration set for angle ID card and analog weighing platforms, set for weighing platforms of other manufacturers
34	22002279	Bolt set, M3 x 5 bolts, washers
35	00207294	Stand adapter, tilting, for wall bracket, support and floor stand with old, fixed stand adapter
36	00504241	Terminating connector

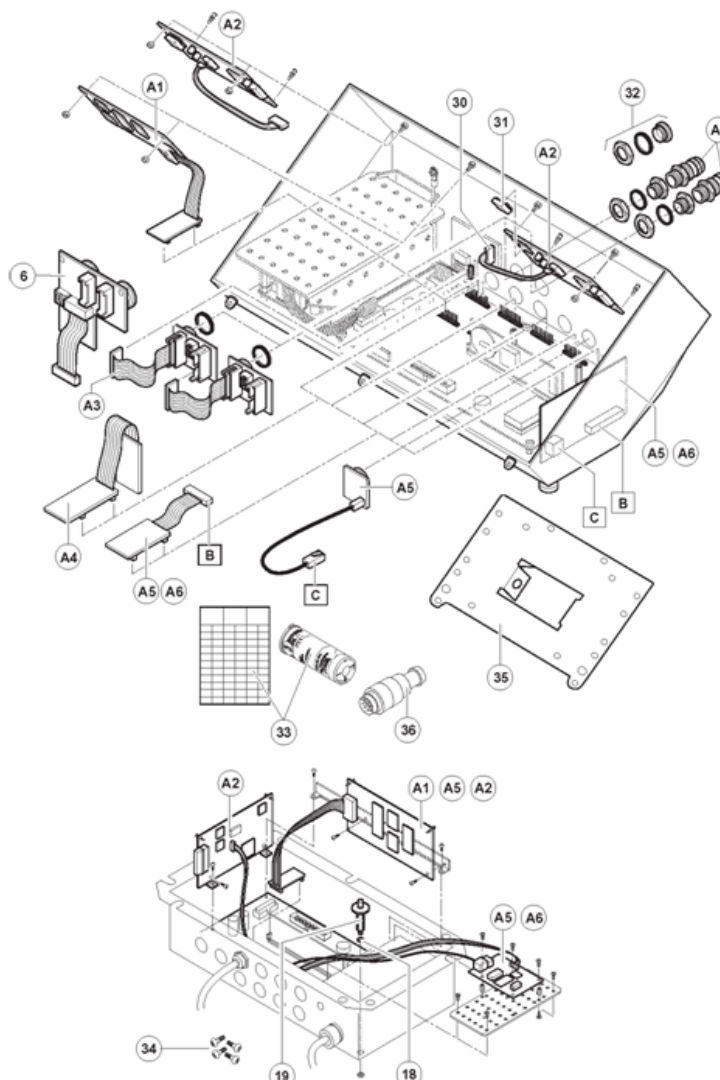


ID7^{24V}

Model ID7, ID7²⁰⁰⁰, ID7^{24V}

ID7, ID7²⁰⁰⁰, ID7^{24V} Options for Desk Unit

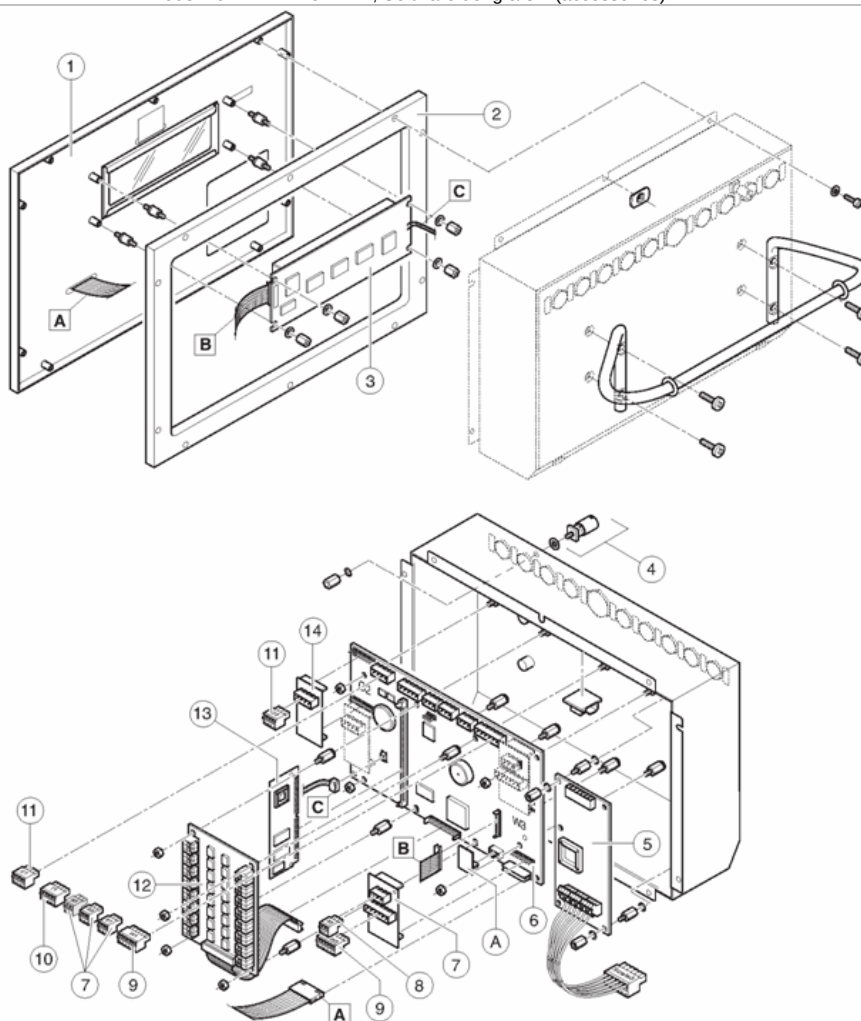
Ref.	Part Number	Description
A1	22001663	ID7 Alibi memory
A2	22001083	ID7 Analog Scale with EPROM (analog scale connection)
A3	22001082	IDNet-ID7 (IDNet/DigiNet expansion)
A4	22001084	CL20mA, ID7 interface, 7 pin
	22001085	RS232, ID7 interface, 8 pin
	22003031	RS422, ID7 interface, 6 pin
	22001086	RS485, ID7 interface, 6 pin
	22001087	4 I/O, ID7 interface, 19 pin
	22001090	Analog output, ID7 interface, 5 pin
	22003694	Ethernet, ID7 (network connection)
	22004940	Profibus, DP ID7 (network connection)
A5		Wall bracket
A6	00504129	Black, plastic coated
	00504130	Completely rust proof
		Bracket stand
	00504127	Black, plastic coated
	00504128	Completely rust proof
		Floor stand
	00504131	Black, plastic coated
	00504132	Completely rust proof



ID7, ID7²⁰⁰⁰, ID7^{24V} Options for Desk Unit

ID7sx

Ref.	Part Number	Description
1	22008501	Housing cover complete with window and keyboard
2	22008502	Housing seal
3	22008507	LCD
4	00504664	Mantle terminal
5	22008543	Analog sale interface Point Ex
6	22008508	ID7sx Main board
7	22008509	IDNet-ID7sx
8	22008503	Spring-force plug, 3-pin, 10 pieces
9	22008506	Spring-force plug, 6-pin, 10 pieces
10	22008505	Spring-force plug, 5-pin, 10 pieces
11	22008504	Spring-force plug, 4-pin, 10 pieces
12	22008512	8 I/O-ID7sx
13	22008513	Memory-ID7sx
14	22008510	CL20mA-ID7sx Serial interface module
	22008511	RS232-ID7sx Serial interface module
A	22008442	Data, Software dongle/CD (accessories)
	22008441	Dos, Software dongle/CD (accessories)
	22008440	Form XP, Software dongle/CD (accessories)

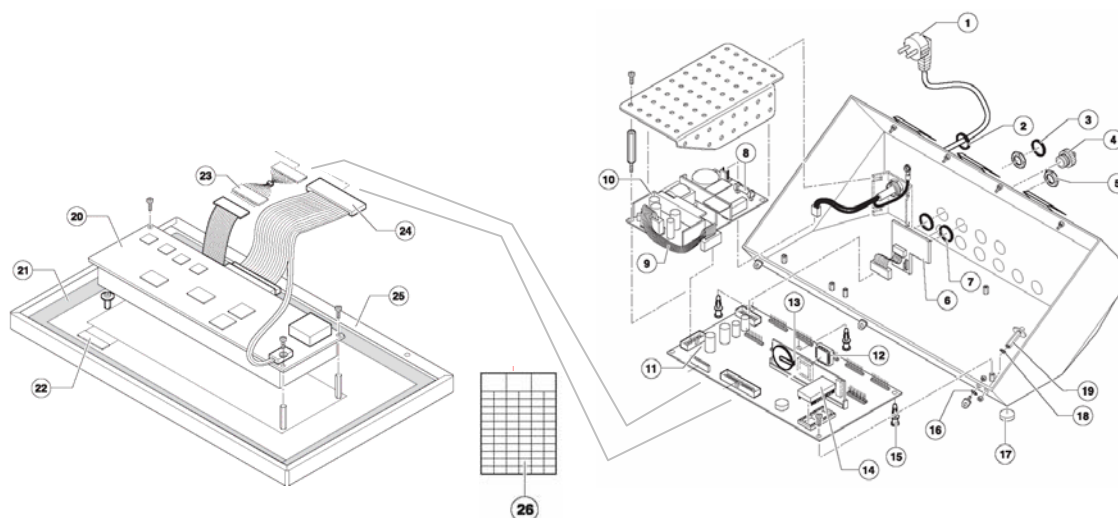


ID7sx

Model ID7xx

ID7xx

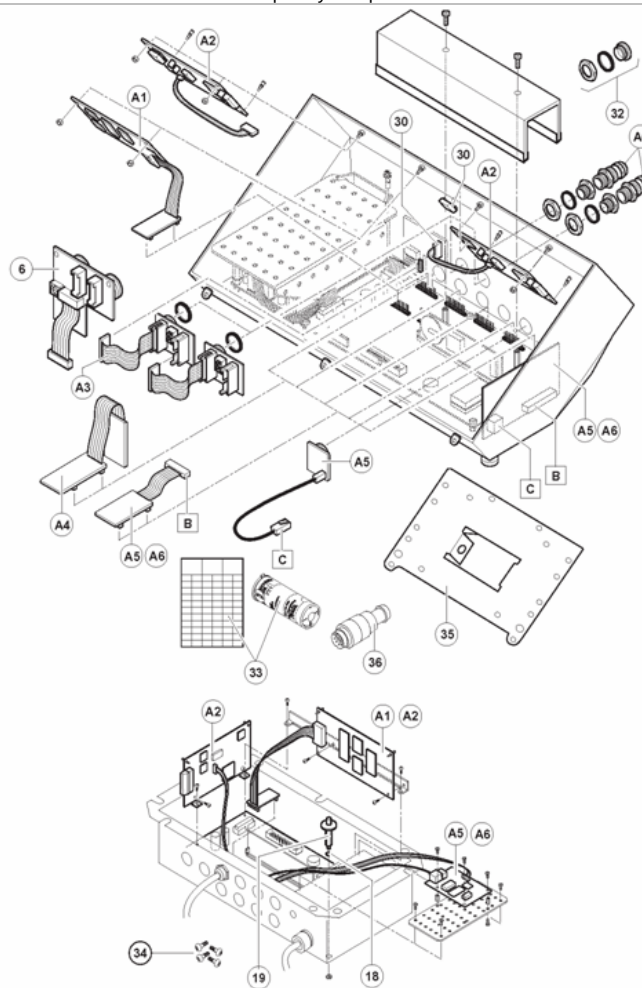
Ref.	Part Number	Description
1	22004836	Main cable
2	00209911	Sealing ring for power cable gland
3	22000714	Sealing ring for ID card
4	00089263	Dust protection cap
5	00507940	Hexagon nut, M18 x 0.75
6	00507668	ID7 socket board
7	00203656	O-ring, 16 x 1.25
8	00089862	Miniature fuse, F 2.5 AH
9	22004383	Power supply unit board cable
10	00507945	Power supply unit LPT46
11	0507525	ID7 board without ID7 boot EPROM
12		ID7 Pac application
	22004100	EPROM with ID7-Base software
	22004101	EPROM with ID7-Count software
	22004102	EPROM with ID7-Data software
	22004103	EPROM with ID7-Form software
	22004104	EPROM with ID7-Sum software
	22004105	EPROM with ID7-Dos software
	22004106	EPROM with ID7-Dos-R software
	22004107	EPROM with ID7-Control software
	22003624	EPROM with ID72000-MC Software
13	00507665	ID7 memory module (without EPROM)
14		ID7 boot EPROM
	00507694	Software version 1.xx
	22003816	Software version 2.xx
15	00204130	LP spacer, 6mm
16	00507968	O-ring, 3.5 x 1.2
17	00200068	Base foot
18	22002509	O-ring, 6 x 1.5
19	22002277	ID7 pressure compensation set complete with O-ring and screw
20	22003068	Display module, dot matrix
21		Cover seal
	00507683	For desk unit
	00507697	For panel and wall unit
22	00507688	Plug-in card, neutral, markable
23	00088950	Cable ties for display cable
24	00507696	Display cable
25		Cover, complete with window and keyboard
	22000375	For desk unit, glass
	22004839	For panel and wall unit, glass
26		ID7 label set, blank, markable
	22000378	Desk unit, wall unit
	22001099	Panel unit
30	00507003	Cable for Analog Scale-ID7
32	22001066	ID7 blind plug set



D7xx

ID7xx Options

Ref.	Part Number	Description
A1	22001663	ID7 Alibi memory
A2	22001083	ID7 Analog Scale with EPROM (analog scale connection)
A3	22001082	IDNet-ID7 (IDNet/DigiNet expansion)
A4	22001084	CL20mA, ID7 interface, 7 pin
	22001085	RS232, ID7 interface, 8 pin
	22003031	RS422, ID7 interface, 6 pin
	22001086	RS485, ID7 interface, 6 pin
	22001087	4 I/O, ID7 interface, 19 pin
	22001090	Analog output, ID7 interface, 5 pin
A5	22003694	Ethernet, ID7 (network connection)
A6	22004940	Profibus, DP ID7 (network connection)
		Wall bracket
	00504129	Black, plastic coated
	00504130	Completely rust proof
		Bracket stand
	00504127	Black, plastic coated
	00504128	Completely rust proof
		Floor stand
	00504131	Black, plastic coated
	00504132	Completely rust proof

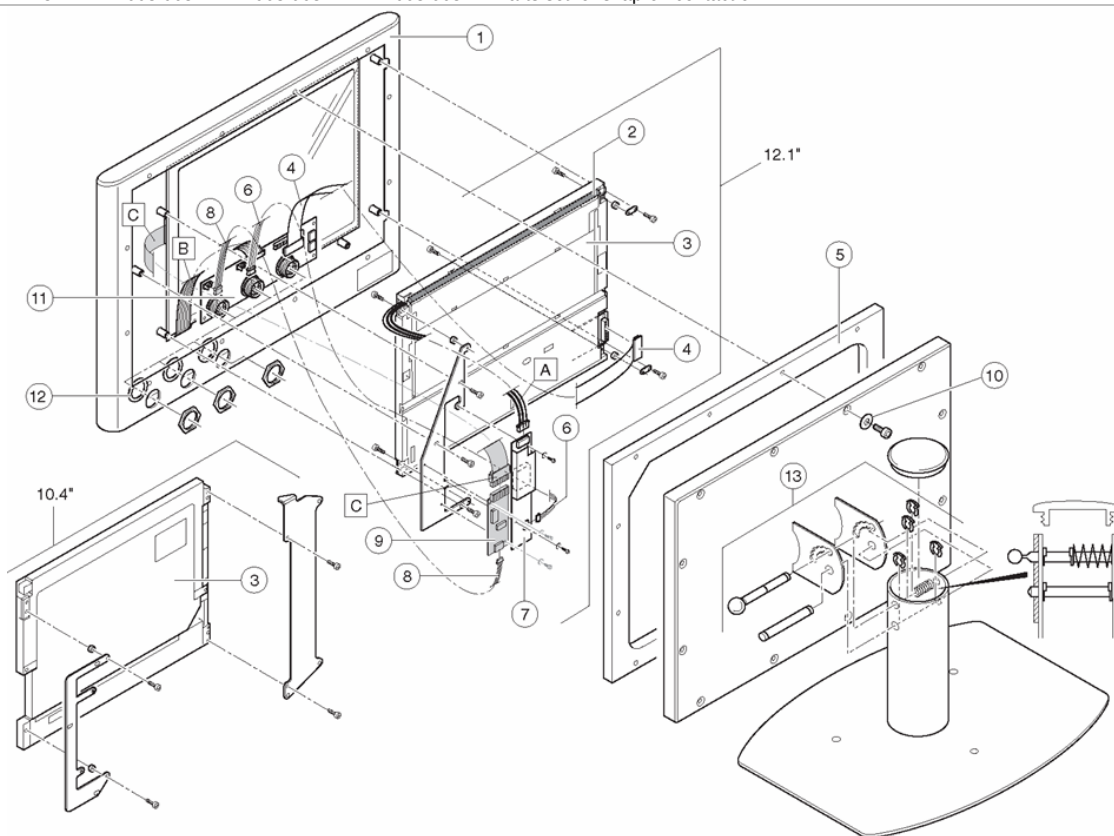


ID7xx Options

Model ID30 HMI

ID30 HMI Box

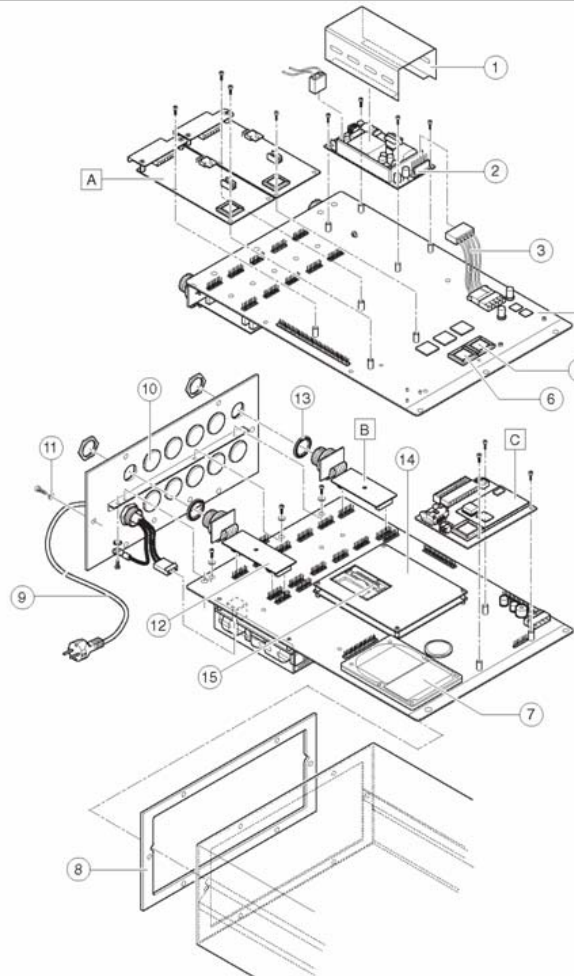
Ref.	Part Number		12.1" Touch Screen	Description
	10.4"	12.1"		
1	22 007 645	22 007 647	—	Housing, complete with glass window and keyboard
	22 007 646	22 007 648	—	Housing, complete with plastic window and keyboard
	—	—	22 007 649	Housing, complete with TouchScreen and keyboard
2	22 009 248	22 009 249	22 009 249	Tubular discharge lamp
3	22 007 133	22 007 134	22 007 134	Flat display LCD active TFT colour
4	22 006 267	22 006 267	22 006 267	Graphics ribbon cable FDC 41-pin
5	22 007 123	22 007 123	22 007 123	Cover seal
6	22 005 385	22 005 385	22 005 385	6 Connecting cable HMI PCB – Backlighting PCB
7	22 006 150	22 007 158	22 007 158	7 Backlighting PCB
8	—	—	22 005 388	Interconnecting cable for TouchScreen
9	—	—	22 007170	Controller for TouchScreen
10	22 005 387	22 005 387	22 005 387	O-Ring 4 x 1.6
11	22 009 247	22 005 566	22 005 566	HMI PCB
12	00 203 656	00 203 656	00 203 656	O-Ring 16 x 1.25
13	22 008 068	22 008 068	22 008 068	Parts set for snap-on contact of HMI



ID30 HMI Box

ID30 ELO Box

Ref.	Part Number	Description
1	22 007 145	Protective hood for power supply unit
2	22 007 144	Power supply unit 100 – 240 V AC / 50/60 Hz
3	22 007 147	Connecting cable Power supply unit – Base board
4	22 005 462	Base board
5	22 009 250	ESP boot-ROM
6	22 009 251	ESP application ROM (base)
7	00 204 129	Hard disk (at least 20 GB), unformatted
8	22 007 138	Housing seal
9	00 507 961	Power cable, Europe
	00 507 962	Power cable, GB
	00 507 965	Power cable, DK
	00 507 964	Power cable, CH
	00 507 963	Power cable, USA
	22 001 095	Power cable, ZA
	22 001 096	Power cable, AUS, RA
10	22 001 066	Set of blind plugs
11	22 005 387	O-Ring 4 x 1.6
12	22 008 066	Interface module LVDS
13	00 203 656	O-Ring 16 x 1.25
14	22 007 625	ETX Mobile Pentium MMX 266 MHz (Standard)
	22 007 627	ETX Mobile Pentium P3-400 MHz
	22 008 063	ETX Mobile Pentium P3-700 MHz
15	22 007 628	RAM 128 MB (Standard)
	22 007 629	RAM 256 MB

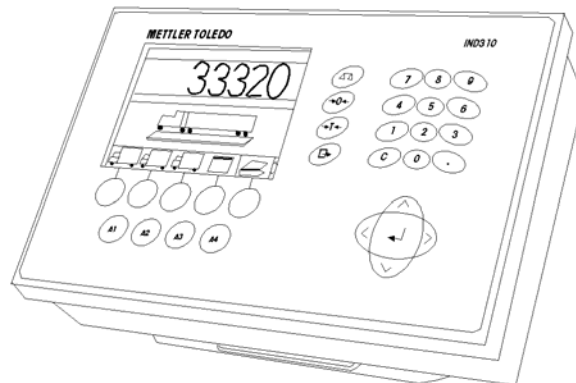


ID30 ELO Box

Model IND310

IND310 Truck Scale Controller

Part Number	Description
71207872	Display Board
71207873	Display Driver Board
71207874	Power Supply Assembly
71207875	Main Board
71207876	Sabre Single Analog Channel Board
71207877	Sabre POWERCELL Board
71207878	Sabre Dual Analog Channel Board
71207879	US Line Cord
71207880	Schuko Line Cord
71207881	Swiss Line Cord
71207882	UK Line Cord
71207883	Australian Line Cord
71207815	Kit 1 Front Enclosure Assembly (with standoffs, etc.) Front Cover Keyboard & Overlay Gasket (attached)
71207816	Kit 2 Back Enclosure Assembly Enclosure Base (with clips, standoffs, etc.)
71207817	Kit 3 Connector Kit (1) Connector, M25x1.5 (2) Connector, PG11 (2) Plastic Insert, PG11 (1) PG Insert, Big (2) PG Insert, Small
71207818	Kit 4 Fastener & Sealing Kit (2) Nut, M3x16 (1) Sealing Cover (1) Sealing insert (1) Sealing Wire (1) Lead Wire, #14 (1) Screw, Sealing, M3x10 (5) Screw, GB9074.4, M3x10 (5) Screw GB9074.4, M4x10
71207819	Kit 5 Connector Kit (2) Connector, Terminal 7P, 3.81mm (2) Connector, Terminal, 1803617 (2) Connector, Terminal, 3P, 5.08mm



IND310 Truck Scale Controller

Ink Ribbons

	Part Number	Description
	*09454100A	Purple, 300
	*10730000A	Black 301
	*10730000A	Black 306 & 307
	A10776000A	Black, 311
	*10874000A	311 Shield
	B10778700A	Black 312
	*10898600A	312 Shield
	*11647000A	Black, 320
	*11647600A	Black, 321
	*037250020	(NLA) 2-3/4" Purple, 400
	*037238020	5" Purple
	*09805000A	6".Purple, 500
	*09805000B	8" Purple, 510
	*11082900A	Purple MP700 (8805)
	*11553400A	Purple MP750, (8804)
	*11554200A	Black old (8806)
	*11428700A	Purple, MP760 (8855)
	KN000000W87	Black Non Stock
	*11553400A	Purple, 4130 DH Print
	KT665023XCD	4528D Facit
	*11553400A	Purple, 8804 (guide is)
	*11554200A	(11553300A) Black
	*11082900A	Purple, 8805
	*11553400A	Purple, 8806 (Old)(guide is)
	*11554200A	Black (11553300A)
	*13392700A	Purple, 8806 (New) (guide is)
	*133927BLK	Black (on ribbon)
	*133927RED	Red
	*14716100A	8807
	*10730000A	8810, Black
8820		
8830		
	*12746300A	8840, Black
	*13324400A	8842
	*13350600A	8843
	*11428700A	8855, Purple
	KN000000W87	Black
	*14043600A	8856 Purple
	*14055600A	Black
	*14355400A	8844 & 8845
	*15948900A	8846
	*16107700A	8857
	*082650020	8865 (3")
	*082651020	(4")
	KT665023XDA	Practical Automation
	*65975	GA45, Black
	*65975	Black LCP45
	*21615	Black (PACK OF 5) (LCP45)

In Use Covers

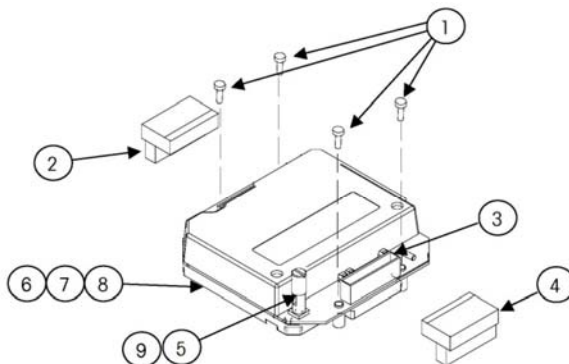
Ref.	Part Number	Description	Qty.
	*224007	BP360	
	*224008	BP3600	
	*228182	BP5000, 8000	
	*230018	BP12000	
	*230019	BP32	
	*504176	ID5, ID2	
	*504689	ID1S	
	*505319	ID1 PLUS	
	*22001091	ID7	
	*45898	GM48-1 & 2, GM49-1 & 2	
	*34216	SM1520, 3000, 6000, 15000 PLATFORM	
	*34222	SM1520, 3000, 6000, 15000 TERMINAL	
	*34151	SM480, 4000, 4800	
	*56883	SM-K, PM-K, PM-N	
	*56629	PM11, 15, 16, 30, 34	
	*34151	PM100, 200, 300, 311, 400, 480, 460,	
		PM600, 2000, 4000, 4600, 4800	
	*34153	PM3000, 6000, 6 (PM6000FP - PAINT SCALE)	
	*36330	TE INDICATOR	
	*225266	PR DISPLAY TERMINAL	
	*239305	SR DISPLAY TERMINAL	
	*225267	PR HOUSING 1MG/10MG (SMALL)	
	*225268	PR HOUSING .1G/1G (LARGE)	
	*11101643	PG-S IND. BALANCE	
	*225670	PG DISPLAY TERMINAL	
	*239305	SG DISPLAY TERMINAL	
	*225267	PG HOUSING 1MG/10MG (SMALL)	
	*225268	PG HOUSING .1G/1G (LARGE)	
	*224007	PB153, PB303, PB303DR	
	*224008	PB302, PB602, PB1502, PB3002, PB3002DR	
		PB801, PB1501, PB3001	
	*228182	PB5001, PB8001, PB8000	
	*230018	SB8001, SB12001, SB16001,	
		SB16001DR, SB8000, SB16000	
	*230019	SB24001DR, SB32000, SB32001DR	
	NO COVERS FOR SM-X UNITS		

* Part number may have alpha prefix

Model ISB

ISB

Ref.	Part Number	Description	Qty
1	R0384500A	Screws, M4 x 18	4
2	*15967800A	IS Blue Connector	1
3	*15997600A	Replaceable 125 mA Fuse	6
4	*15967900A	Non-IS Black Connector (ISB05, ISB05X)	1
	*11924100A	Non-IS Green Connector (ISB15, ISB15X)	1
5	*15116000A	Ground Lug	1
6	*16065400A	Bottom Cover	1
7	*16065700A	DIN Rail Mounting	1
8	R0245900A	Plastic Rivet	1
9	R0512000A	Screw, M4 x 6	1
Not Shown	B12363300A	Metrology Sealing Labels (Sealing labels quantity 1 for ISB05X and ISB15X)	4
Not Shown	*16231000A	Fuse Removal Tool	1

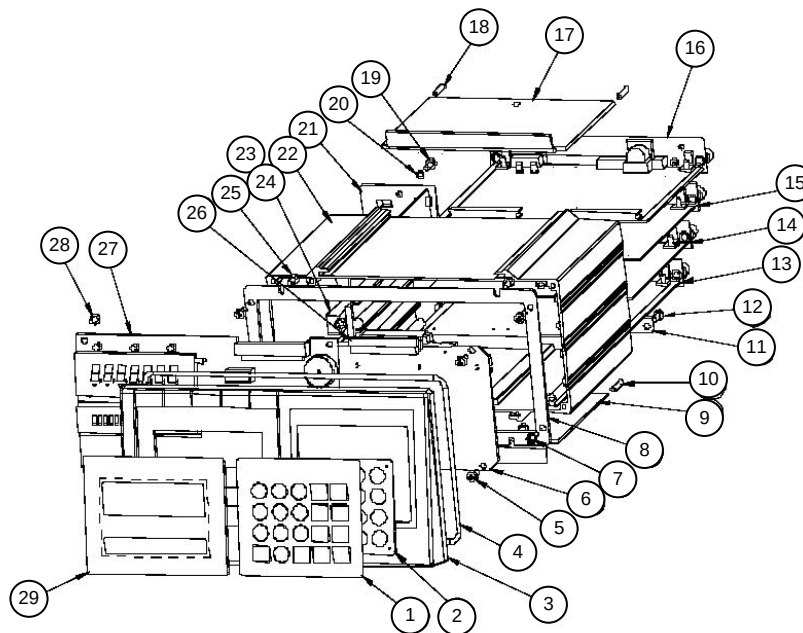


ISB

* Part number may have alpha prefix

JAGUAR Panel Mount Indicator

Ref.	Part Number	Description	Qty.
1 and 2	*14538600A	Keyboard Assembly	1
3	*14162800A	Front Panel	1
4	*14016100A	Seal, Panel O-Ring	1
5	R0511100A	Screw, M4 x 10 Taptite	4
6	*14146200A	Connector (mother) PCB	1
7	R0511100A	Screw, M4 x 10 Taptite	4
8	*14014100A	Plate, Interface	1
9	*14015200A	Clamp Bracket	1
10	R0511300A	Screw, Set M4 x 20	2
11	*14015800A	Rear Cover Plate, Bottom	1
12	R0511100A	Screw, M4 10 Taptite	4
13	See Controller PCB	Slot 3 Refer to the Optional Panels Table	1
14	See Controller PCB	Slot 2 Refer to the Optional Panels Table	1
15	See Controller PCB	Slot 1 Refer to the Optional Panels Table	1
16	*15740100A	Controller PCB Assembly	1
17	*14015200A	Bracket Clamp	1
18	R0511300A	Screw, Set M4 x 20	2
19	R0511100A	Screw, M4 x 10 Taptite	3
20	R00589130	Lock washer, #8 Int. Tooth	2
21	*14163600A	Power Supply Assembly	1
22	*14546400A	Indicator Chassis	1
23	*14901700A	Capacity Label	1
24	*14548600A	Battery 4.5 Volt	1
25	R0511100A	Screw, M4 x 10 Taptite	4
26	*14015900A	Harness	1
27	*14091800A	Display PCB	1
28	R0511100A	Screw, M4 x 10 Taptite	4
29	*14015300A	Display Lens	1



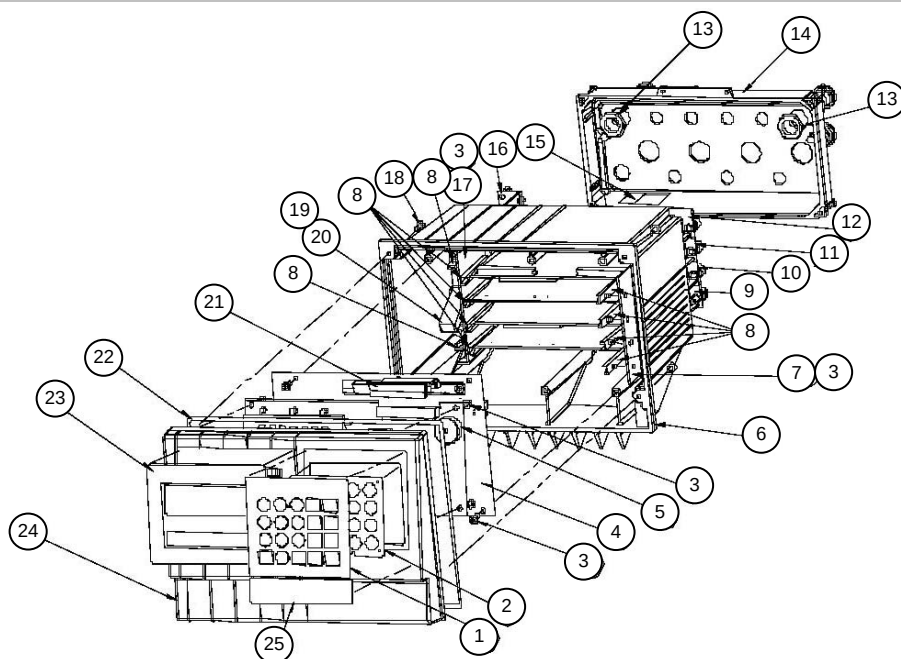
JAGUAR Panel Mount Indicator

* Part number may have alpha prefix

Model JAGUAR

JAGUAR General Purpose

Ref.	Part Number	Description	Qty.
1 and 2	*14538600A	Keyboard Assembly	1
3	R0511100A	Screw, M4 x 10 Taptite	14
4	*14411000A	Connector (mother) PCB Assembly	1
5	*14091800A	VF Display PCB Assembly	1
6	*14398800A	Enclosure Assembly, Wall/Desk	1
7	*14546800A	Bracket, PCB Guide, Right	1
8	*14399400A	Card Guide, 2.5"	2
9	See Controller PCB	Slot 3 - Refer to the Optional Panels Table	1
10	See Controller PCB	Slot 2 - Refer to the Optional Panels Table	1
11	See Controller PCB	Slot 1 - Refer to the Optional Panels Table	1
12	*15740100A	Controller Assembly	1
13	*14400300A	Hex Nut, PG9, Nylon	2
14	*14398700A	Rear Access Cover	1
16	*14399600A	Power Supply Assembly	1
17	*14546900A	Bracket, PCB Guide, Left	1
18	R0516900A	Seal Screw, M4 x 10 PHD	4
19	*14724100A	Hex Nut, Pg11, Nylon	1
20	*14548600A	Battery, 4.5 Volt	1
21	*14015900A	Harness, VF Display	1
22	*14399800A	O-Ring, Sponge	1
23	*14015300A	Display Lens, VF	1
24	*14398600A	Front Panel, Alpha-numeric	1
25	*14901700A	Capacity Label	1

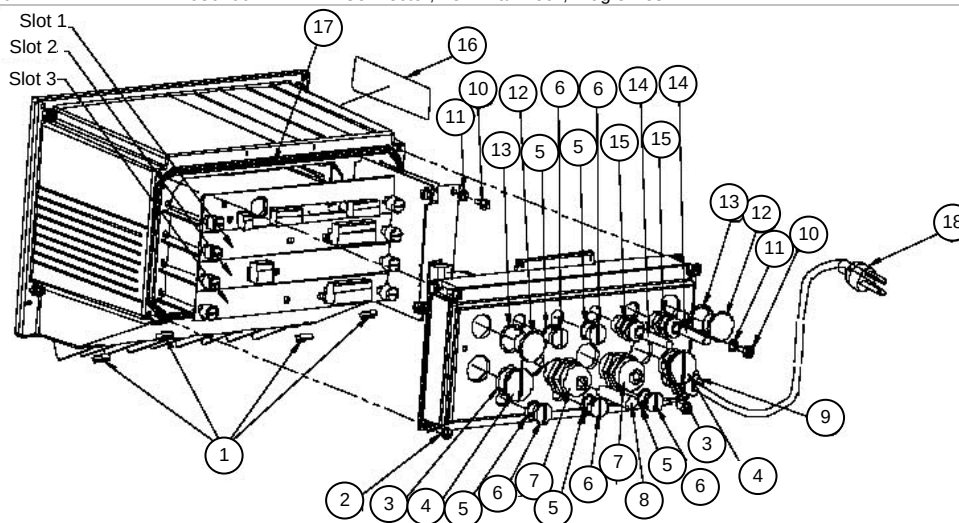


JAGUAR General Purpose – Front View

* Part number may have an alpha prefix

JAGUAR General Purpose

Ref.	Part Number	Description	Qty
1	*10839700A	Foot, Stick On	4
2	R0511100A	Screw, M4 10 Taptite	4
4	*14400100A	Hole Plug, PG13.5	2
6	*14399900A	Hole Plug PG7	5
7	*12903900A	Connector, Cord, w/lock nut	2
8	*14467600A	Hole Plug .24/.38 diameter	3
10	R0541500A	Screw, M4 x 10 w/washer	2
12	*14724400A	Hole Plug, 16 mm ID	2
15	*12901800A	Connector, Cord w/lock nut	2
17	*14399700A	O-Ring, sponge, 7.5 ID	1
18	See Line Cord Assemblies	Line Cord	1
20	*14636400A	Connector, Terminal Block, Plug 3 Pos.	1



JAGUAR General Purpose – Rear View

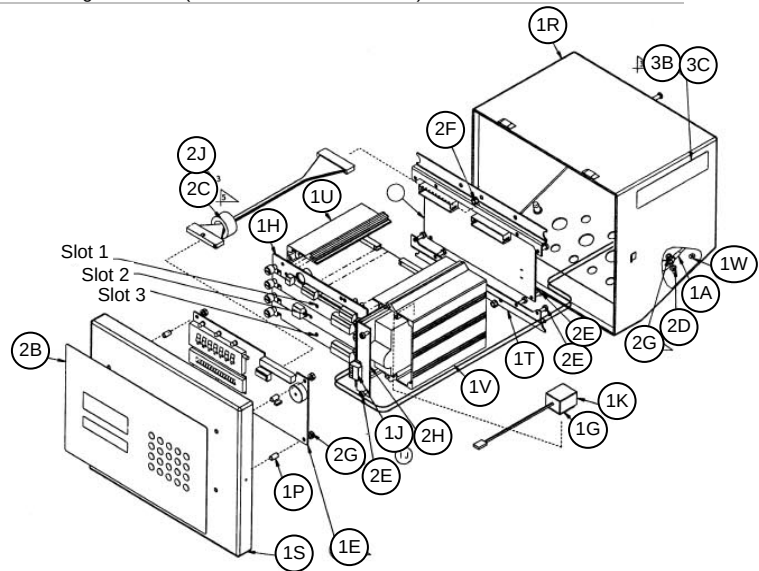
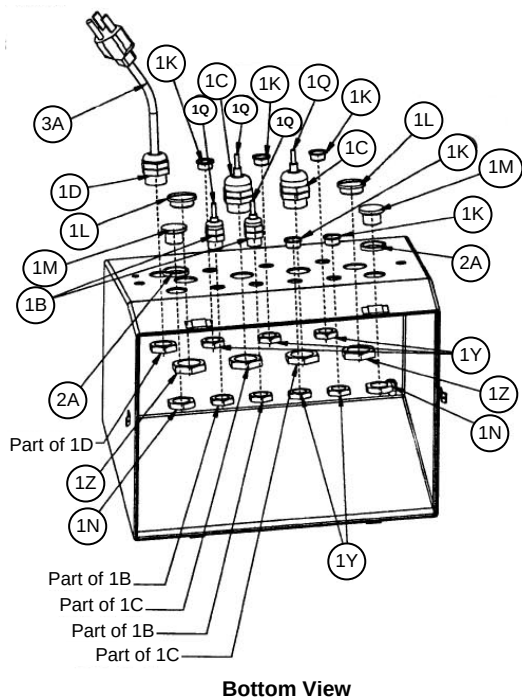
JAGUAR Line Cord Assemblies

Ref.	Part Number	Description	Qty
Line Cord Assemblies - General Purpose			
—	*14962000A	Line Cord - North America Various	1
—	*14962100A	Line Cord - United Kingdom 003, 041, 046,053, 096	1
—	*14962400A	Line Cord - Chile 022	1
—	*15428400A	Line Cord - Switzerland 005, 007	1
—	*14962200A	Line Cord - Cont. Europe Various	1
—	*14962300A	Line Cord - Australia 009, 010, 023, 057	1
—	*15428200A	Line Cord - Denmark 002	1
—	*15399300A	Line Cord - South Africa 073	1
Line Cord Assemblies - Harsh Environment			
—	*15003100A	Line Cord - North America Various	1
—	*15003300A	Line Cord - United Kingdom 003, 046,053, 071	1
—	*15003500A	Line Cord - Italy 022	1
—	*15432100A	Line Cord - Switzerland 005, 007	1
—	*15003200A	Line Cord - Cont. Europe Various	1
—	*15003400A	Line Cord - Australia 009, 010, 023, 057	1
—	*15431900A	Line Cord - Denmark 002	1

Model JAGUAR

JAGUAR Harsh Environment

Ref.	Part Number	Description	Qty
1B	*12901800A	Conn. Cord w/ Lock nut (0.118-0.255)	2
1C	*12903900A	Conn. Cord w/ Lock nut (0.240-0.470)	2
1E	*14091800A	PCB Assembly, VF Display	1
1F	*14146200A	PCB Assembly, Connector	1
1H	*15740100A	Controller PCB	1
1J	*14636400A	Conn. Term. Plug	1
1K	*14399900A	Hole Plug	5
1L	*14400100A	Hole Plug	2
1M	*14400200A	Hole Plug, 18 mm	2
1N	*14400300A	Hex Nut	2
1P	*14465900A	Spacer, RD, M4 4	4
1Q	*14467600A	Hole Plug (.24/.38 Diameter)	4
1R	*16058800A	Enclosure Assembly (Bottom)	1
1S	*14519900A	Enclosure Assembly (Top)	1
1T	*14520200A	Bracket, Mounting	2
1U	*14520600A	Card Guide (Left)	1
1V	*14528600A	Card Guide (Right)	1
1W	*14531400A	Label, Ground BSI	1
1X	*14548600A	Battery, Alkaline, 4.5 V	1
1Y	*14577900A	Hex Nut, PG7	5
1Z	*14578000A	Hex Nut PG 13.5	2
2A	*14578300A	Gasket, Grip	2
2B	*14579900A	Assembly Keyboard/SW (JTHx)	1
2C	*14636500A	Harness, Display	1
2D	R00589130	Washer #8 I.T. Lock	1
2E	R0511100A	Screw, Pan HD M4x10, PH, Taptite	14
2F	R0519200A	Nut, Hex KEPS, M5	3
2G	R0519600A	Nut, Hex KEPS M4	5
2H	*14130400A	Power Supply	1
2J	*09827100A	Cable Tie	2
3A	See Line Cord Assemblies	Line Cord	
3B	*14800000A	Label, Data, Blank (no available for re-order)	1
3C	*14801800A	Shield, Data Label	2
3D	*13971000A	FCC Label	1
3E	*14724100A	Nut	1
	See Controller PCB	Slot 1 Slot 1 Refer to Optional Panels Table	1
	See Controller PCB	Slot 2 Slot 2 Refer to Optional Panels Table	1
	See Controller PCB	Slot 3 Slot 3 Refer to Optional Panels Table	1
Not Shown	*14520400A	Wall Mounting Bracket	2
Not Shown	R0520600A	Wall Mounting Hardware (SS "Hex Head" screw M6 8)	4

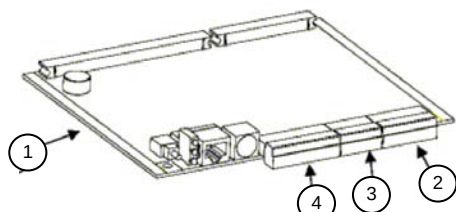


JAGUAR Controller PCB

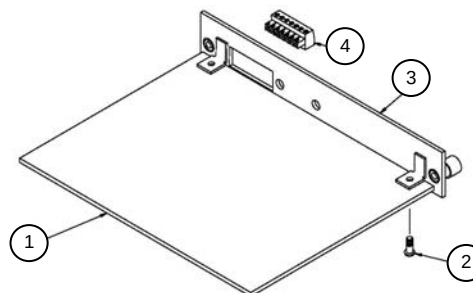
Ref.	Part Number	Description	Qty
1	*14849200A	JAGUAR Controller PCB, Latest Revision Operating Software (w/o parts&JB)	1
2	*14113300A	Connector, 8 Position Terminal Block 1	1
3	*14113100A	Connector, 6 Position Terminal Block 1	1
4	*14113400A	Connector, 10 Position Terminal Block 1	1
5 (Not Shown)	*14162200A	I/O Plate Assembly, Controller (not shown) 1	1
6	R0511100A	Screw, M4 x 10 Taptite 2	2
	*14849200A	JAGUAR Controller PCB (See Note Below, w/o JB)	1

Note 1: If a Controller PCB (w/o parts) is needed with a different version of software, order *14849200A and specify the desired software version. A surcharge will be added for the software change.

Note 2: If a Controller PCB (w/parts) is needed with a different version of software, order *14849400A and specify the desired software version. A surcharge will be added for the software change.



JAGUAR Controller PCB



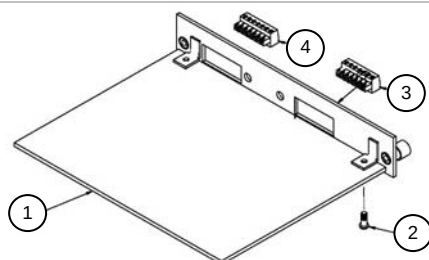
JAGUAR Analog Load Cell PCB

JAGUAR Analog Load Cell PCB

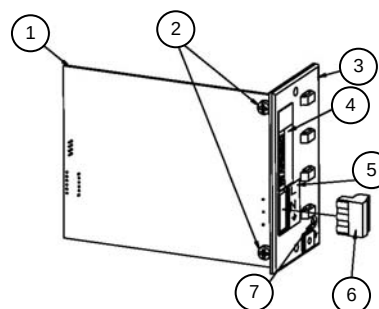
Ref.	Part Number	Description	Qty.
See Note Below**	*14490200A	Panel Assembly, Reduced Excitation L/C, Analog JAGUAR	1
See Note Below**	*14163300A	Panel Assembly, Analog L/C, JAGUAR	
1	*15345400A	PCB Assembly, Single Analog, JAGUAR (w/o Parts)	1
	*15360200A	PCB Assembly, Reduced Excitation Analog L/C JAGUAR (w/o Parts)	
2	R0511100A	Screw, M4 x 10 Taptite 2	2
3	*15359000A	I/O Plate Assembly, Analog	1
	*15360800A	I/O Plate Assembly, Reduced Excitation Analog	1
4	*11924100A	Connector, 7 Position Terminal Block	

JAGUAR Dual Analog Load Cell PCB

Ref.	Part Number	Description	Qty
See Note Below**	*14517700A	I/O Assembly, Dual Analog PCB Assembly, Non-hazardous	1
See Note Below**	*15360300A	I/O Assembly, Dual Analog PCB Assembly, Reduced Excitation	
1	*15290700A	PCB Assembly, Dual Analog Load Cell, JAGUAR (w/o Parts)	1
	*15360100A	PCB Assembly, Reduced Excitation Dual Analog PCB (w/o Parts)	
2	R0511100A	Screw, M4 x 10 Taptite	2
3	*14517500A	I/O Plate Assembly, Analog L/C	1
	*15360700A	I/O Plate Assembly, Reduced Excitation Analog L/C	1
4	*11924100A	Connector, 7 Position Terminal Block	2



JAGUAR Dual Analog Load Cell PCB



JAGUAR Power Supply

JAGUAR Power Supply

Ref.	Part Number	Description	Qty
See Note Below**	*14163600A	Power Supply PCB Assembly, Panel/Blind	1
See Note Below**	*14399600A	Power Supply PCB Assembly, Desk/Wall	1
See Note Below**	*14130400A	Power Supply PCB Assembly, Harsh	1
1	*14200200A	Power Supply PCB	1
2	R0511100A	Screw, M4 x 10 Taptite	2
3	*14015100A	Panel Assembly, Power Supply (Panel Mount)	1
	*14520300A	Bracket, Power Supply (Harsh Environment)	1
	*14399500A	Panel, Power Supply (Desk/Wall)	1
4	*12699700A	Label, Warning – Power	1
5	*14400500A	Label, AC Power In	1
6	*14636400A	Connector, 3 Position Terminal Block	1
7	*14531400A	Label, Ground, BSI	1

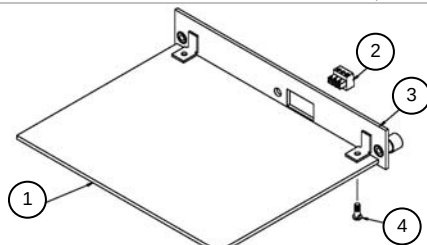
Note:** Includes all parts listed as a complete assembly.

* Part number may have alpha prefix

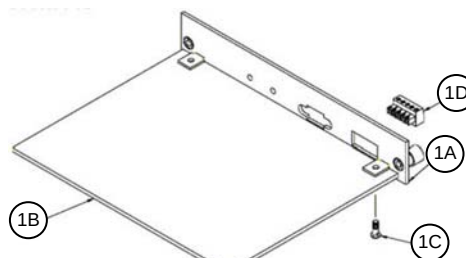
Model JAGUAR

JAGUAR Allen-Bradley RIO Option

Ref.	Part Number	Description	Qty
See Note Below**	*14163400A	Allen Bradley I/O PCB Assembly	1
1	*14093400A	Allen Bradley I/O PCB	1
2	*14217400A	Connector, 3 Position Terminal Block	1
3	*14162400A	Plate Assembly, Allen Bradley I/O	1
4	R0511100A	4 Screw, M4 x 10 Taptite	2



JAGUAR Allen-Bradley RIO Option



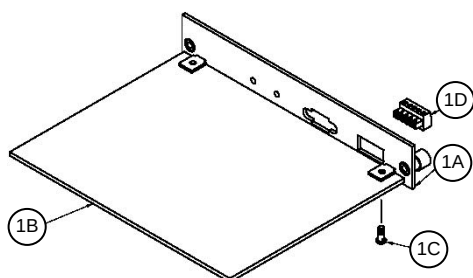
JAGUAR PROFIBUS Option

JAGUAR PROFIBUS Option

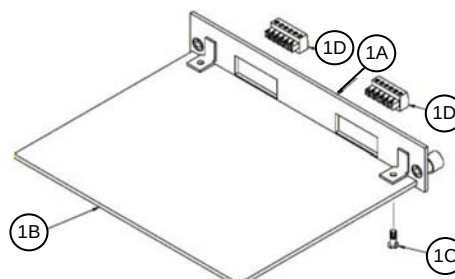
Ref.	Part Number	Description	Qty
See Note 1 Below	*14517100A	PROFIBUS PCB/Panel Assembly	1
1A	*14517000A	I/O Plate	1
1B	*14688900A	PCB, PROFIBUS (w/o Hardware)	1
1C	R0511100A	Screw, M4 x 10 Taptite	2
1D	*14374900A	Connector, 5-Position Terminal Block (See Note 2 Below)	0

JAGUAR Modbus Plus PCB

Ref.	Part Number	Description	Qty
See Note 1 Below	*14547700A	MODBUS Plus PCB Panel Assembly	1
1A	*14547800A	I/O Plate	1
1B	*15084900A	PCB, Modbus Plus (w/o hardware)	1
1C	R0511100A	Screw, M4 x 10 Taptite	2
1D	*14374900A	Connector, 5-Position Terminal Block (See Note 2 Below)	0



JAGUAR Modbus Plus PCB



JAGUAR Dual Analog Output

JAGUAR Dual Analog Output

Ref.	Part Number	Description	Qty.
See Note 1 Below	*14164100A	Dual Analog Output PCB/Panel Assembly	1
1A	*14547400A	I/O Plate, Dual Analog Output	1
1B	*14095000A	PCB, Dual Analog Output (w/o Hardware)	1
1C	R0511100A	Screw, M4 x 10 Taptite	2
1D	*13162500A	Connector, 6-Position Terminal Block	1

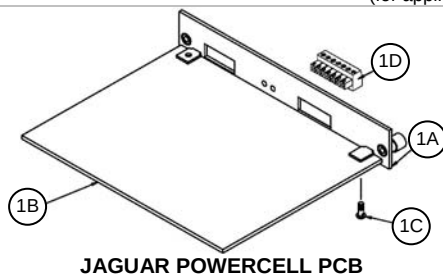
* Part number may have alpha prefix

Note 1: Includes all parts listed as a complete assembly.

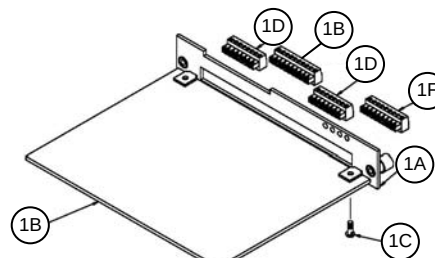
Note 2: Supplied with 0900-0311 PROFIBUS Pigtail Cable only.

JAGUAR POWERCELL PCB

Ref.	Part Number	Description	Qty
See Note Below	*14546200A	POWERCELL PCB Panel Assembly	1
1A	*14546100A	POWERCELL Assembly I/O Plate	1
1B	*14092600A	POWERCELL PCB Assembly (w/o hardware)	1
1C	R0511100A	Screw, M4 x 10, ST PHD 2	2
1D	*14113300A	Connector, 8 Pos. Terminal Block	1
Not Shown	0917-0240 *14749600A	External Power Supply (for applications with more than 14 cells per POWERCELL PCB)	1



JAGUAR POWERCELL PCB



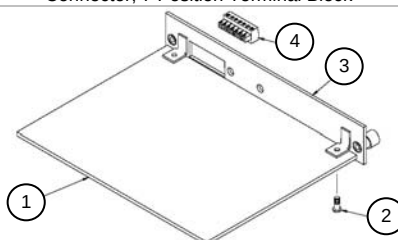
JAGUAR Multifunction PCB

JAGUAR Multifunction PCB

Ref.	Part Number	Description	Qty
See Note Below	*14546200A	POWERCELL PCB Panel Assembly	1
1A	*14164900A	Multifunction I/O Plate	1
1B	*14094200A	Multifunction PCB Assembly (w/o hardware)	2
1C	R0511100A	Screw, M4 x 10 Taptite	2
1D	*14113300A	Connector, 8 Pos. Terminal Block	1
1E	*14113400A	Connector, 10 Pos. Terminal Block	1
1F	*14405300A	Connector, 9 Pos. Terminal Block	1

JAGUAR IDNET PCB

Ref.	Part Number	Description	Qty
See Note Below	14547500A	IDNET PCB Panel Assembly	1
1	14714800A	IDNET I/F PCB (w/o hardware)	1
2	R0511100A	Screw, M4 x 10 Taptite	2
3	14547300A	I/O Plate Assembly, High Precision	1
4	14113200A	Connector, 7 Position Terminal Block	1



JAGUAR IDNET PCB

JAGUAR Optional Accessories

Part Number	Description	Factory Number
*14526100A	Wall/Column Bracket - GP Model	0917-0209
*14528400A	Blank Plate For Open Slot	0917-0210
*14512800A	Analog Load Cell Kit	0917-0211
*14534600A	Reduced Excitation Analog Load Cell Kit	0917-0212
*14510000A	Allen-Bradley Remote I/O Kit	0917-0213
*14528500A	Kit To Convert Blind Unit To JTPA	0917-0214
*13446000A	DigiTOL Load Cell Simulator	0917-0178
*082451JAG	Analog Load Cell Simulator (variable)	—
*14476100A	METTLER TOLEDO Screw Driver	—
*14411800A	2mm Allen Wrench For JTPA Models	—
*90093600A	RS-232/20 mA Converter	0964-0065
*14690100A	Multifunction Kit	0917-0223
*14690200A	POWERCELL Kit	0917-0224
*14875800A	Dual Channel Analog Output Kit	0917-0242
*14866600A	PROFIBUS Interface Kit	0917-0243
*14866500A	High Precision (IDNET) Kit	0917-0244
*13823300A	High Precision Cable Adapter	0900-0284
*15567500A	External Power Supply	0917-0240
*15648700A	QWERTY Keyboard	0917-0274
*14839500A	JagBASIC Programmer's Kit	0917-0230
*14863100A	PROFIBUS Pigtail Kit	0900-0311
*15158600A	Modbus Plus Pigtail Kit	0900-0320
*15035500A	PROFIBUS Type File	0917-0250
*13406300A	NMOS POWERCELL Aux Power Supply 100/110/120 VAC	0917-0168
*13406400A	NMOS POWERCELL Aux Power Supply 220/240 VAC	0917-0169
*15151300A	Modbus Plus Kit	0917-0254

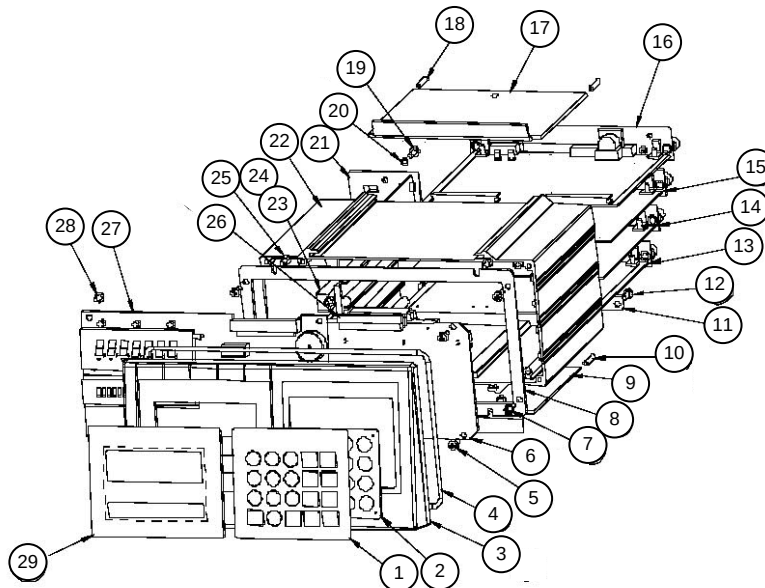
* Part number may have alpha prefix

Note: Includes all parts listed as a complete assembly

Model JAGXTREME

JAGXTREME Panel Mount Indicator

Ref.	Part Number	Description	Qty.
1 and 2	*14538600A	Keyboard Assembly	1
3	*14162800A	Front Panel	1
4	*14016100A	Seal, Panel O-Ring	1
5	R0511100A	Screw, M4 x 10 Taptite	4
6	*14146200A	Connector (mother) PCB	1
7	R0511100A	Screw, M4 x 10 Taptite	4
8	*14014100A	Plate, Interface	1
9	*14015200A	Clamp Bracket	1
10	R0511300A	Screw, Set M4 x 20	2
11	*14015800A	Rear Cover Plate, Bottom	1
12	R0511100A	Screw, M4 10 Taptite	4
13	See Controller PCB	Slot 3 Refer to the Optional Panels Table	1
14	See Controller PCB	Slot 2 Refer to the Optional Panels Table	1
15	See Controller PCB	Slot 1 Refer to the Optional Panels Table	1
16	*15740100A	Controller PCB Assembly	1
17	*14015200A	Bracket Clamp	1
18	R0511300A	Screw, Set M4 x 20	2
19	R0511100A	Screw, M4 x 10 Taptite	3
20	R00589130	Lock washer, #8 Int. Tooth	2
21	*14163600A	Power Supply Assembly	1
22	*14546400A	Indicator Chassis	1
23	*14901700A	Capacity Label	1
24	*14548600A	Battery 4.5 Volt	1
25	R0511100A	Screw, M4 x 10 Taptite	4
26	*14015900A	Harness	1
27	*14091800A	Display PCB	1
28	R0511100A	Screw, M4 x 10 Taptite	4
29	*14015300A	Display Lens	1

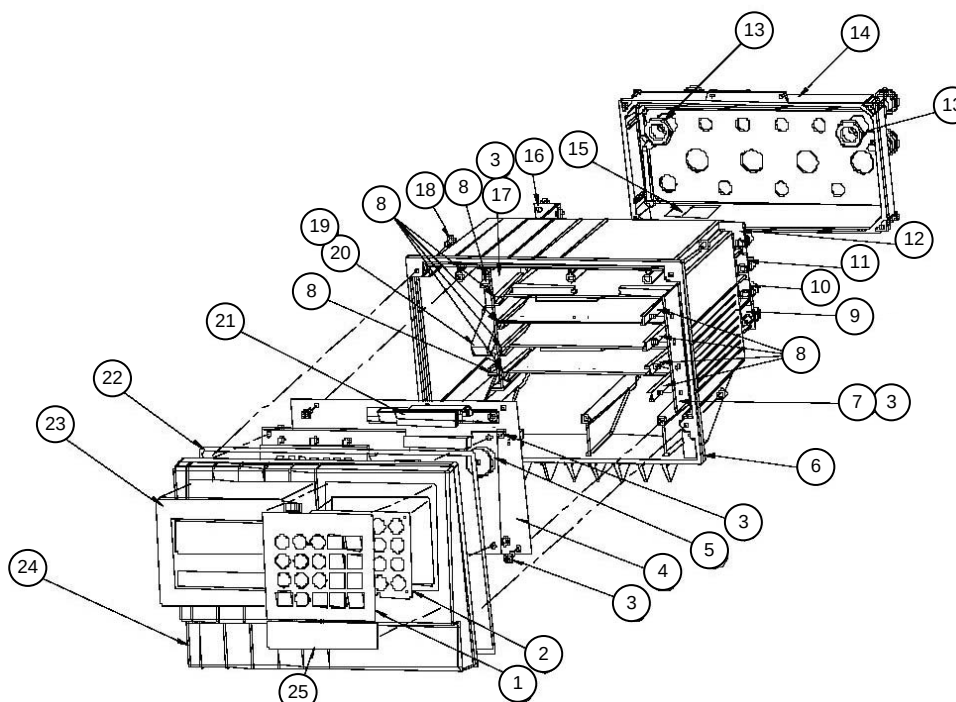


JAGXTREME Panel Mount Indicator

* Part number may have alpha prefix

JAGXTREME General Purpose – Front View

Ref.	Part Number	Description	Qty.
1 and 2	*14538600A	Keyboard Assembly	1
3	R0511100A	Screw, M4 x 10 Taptite	14
4	*14411000A	Connector (mother) PCB Assembly	1
5	*14091800A	VF Display PCB Assembly	1
6	*14398800A	Enclosure Assembly, Wall/Desk	1
7	*14546800A	Bracket, PCB Guide, Right	1
8	*14399400A	Card Guide, 2.5"	2
9	See Controller PCB	Slot 3 - Refer to the Optional Panels Table	1
10	See Controller PCB	Slot 2 - Refer to the Optional Panels Table	1
11	See Controller PCB	Slot 1 - Refer to the Optional Panels Table	1
12	*15740100A	Controller Assembly	1
13	*14400300A	Hex Nut, PG9, Nylon	2
14	*14398700A	Rear Access Cover	1
16	*14399600A	Power Supply Assembly	1
17	*14546900A	Bracket, PCB Guide, Left	1
18	R0516900A	Seal Screw, M4 x 10 PHD	4
19	*14724100A	Hex Nut, Pg11, Nylon	1
20	*14548600A	Battery, 4.5 Volt	1
21	*14015900A	Harness, VF Display	1
22	*14399800A	O-Ring, Sponge	1
23	*14015300A	Display Lens, VF	1
24	*14398600A	Front Panel, Alpha-numeric	1
25	*14901700A	Capacity Label	1



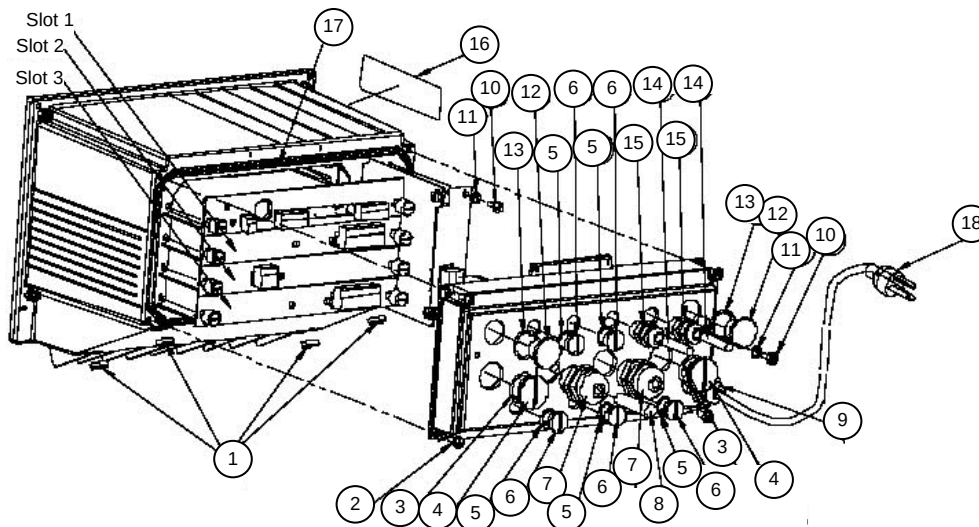
JAGXTREME General Purpose – Front View

* Part number may have an alpha prefix

Model JAGXTREME

JAGXTREME General Purpose – Rear View

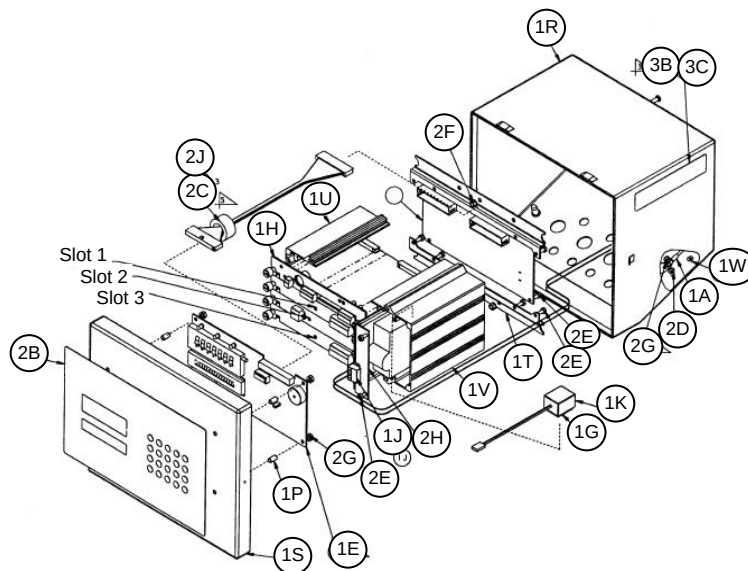
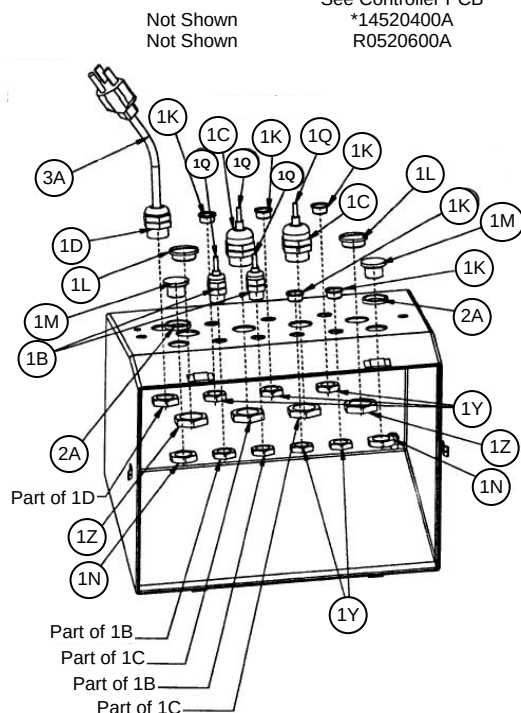
Ref.	Part Number	Description	Qty
1	*10839700A	Foot, Stick On	4
2	R0511100A	Screw, M4 10 Taprite	4
4	*14400100A	Hole Plug, PG13.5	2
6	*14399900A	Hole Plug PG7	5
7	*12903900A	Connector, Cord, w/lock nut	2
8	*14467600A	Hole Plug .24/.38 diameter	3
10	R0541500A	Screw, M4 x 10 w/lw	2
12	*14724400A	Hole Plug, 16 mm ID	2
15	*12901800A	Connector, Cord w/lock nut	2
17	*14399700A	O-Ring, sponge, 7.5 ID	1
18	See Line Cord Assemblies	Line Cord	1
20	*14636400A	Connector, Terminal Block, Plug 3 Pos.	1



JAGXTREME General Purpose – Rear View

JAGXTREME Harsh Environment

Ref.	Part Number	Description	Qty
1B	*12901800A	Conn. Cord w/ Lock nut (0.118-0.255)	2
1C	*12903900A	Conn. Cord w/ Lock nut (0.240-0.470)	2
1E	*14091800A	PCB Assembly, VF Display	1
1F	*14146200A	PCB Assembly, Connector	1
1H	*15740100A	Controller PCB	1
1J	*14636400A	Conn. Term. Plug	1
1K	*14399900A	Hole Plug	5
1L	*14400100A	Hole Plug	2
1M	*14400200A	Hole Plug, 18 mm	2
1N	*14400300A	Hex Nut	2
1P	*14465900A	Spacer, RD, M4 4	4
1Q	*14467600A	Hole Plug (.24/.38 Diameter)	4
1R	*16058800A	Enclosure Assembly (Bottom)	1
1S	*14519900A	Enclosure Assembly (Top)	1
1T	*14520200A	Bracket, Mounting	2
1U	*14520600A	Card Guide (Left)	1
1V	*14528600A	Card Guide (Right)	1
1W	*14531400A	Label, Ground BSI	1
1X	*14548600A	Battery, Alkaline, 4.5 V	1
1Y	*14577900A	Hex Nut, PG7	5
1Z	*14578000A	Hex Nut PG 13.5	2
2A	*14578300A	Gasket, Grip	2
2B	*14579900A	Assembly Keyboard/SW (JTHx)	1
2C	*14636500A	Harness, Display	1
2D	R00589130	Washer #8 I.T. Lock	1
2E	R0511100A	Screw, Pan HD M4x10, PH, Taptite	14
2F	R0519200A	Nut, Hex KEPS, M5	3
2G	R0519600A	Nut, Hex KEPS M4	5
2H	*14130400A	Power Supply	1
2J	*09827100A	Cable Tie	2
3A	See Line Cord Assemblies	Line Cord	
3B	*14800000A	Label, Data, Blank (no available for re-order)	1
3C	*14801800A	Shield, Data Label	2
3D	*13971000A	FCC Label	1
3E	*14724100A	Nut	1
	See Controller PCB	Slot 1 Slot 1 Refer to Optional Panels Table	1
	See Controller PCB	Slot 2 Slot 2 Refer to Optional Panels Table	1
	See Controller PCB	Slot 3 Slot 3 Refer to Optional Panels Table	1
	*14520400A	Wall Mounting Bracket	2
	R0520600A	Wall Mounting Hardware (SS "Hex Head" screw M6 8)	4



JAGXTREME Harsh Environment

Model JAGXTREME

JAGXTREME Line Cord Assemblies

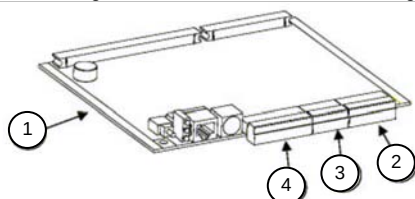
Ref.	Part Number	Description	Qty
Line Cord Assemblies - General Purpose			
—	*14962000A	Line Cord - North America Various	1
—	*14962100A	Line Cord - United Kingdom 003, 041, 046,053, 096	1
—	*14962400A	Line Cord - Chile 022	1
—	*15428400A	Line Cord - Switzerland 005, 007	1
—	*14962200A	Line Cord - Cont. Europe Various	1
—	*14962300A	Line Cord - Australia 009, 010, 023, 057	1
—	*15428200A	Line Cord - Denmark 002	1
—	*15399300A	Line Cord - South Africa 073	1
Line Cord Assemblies - Harsh Environment			
—	*15003100A	Line Cord - North America Various	1
—	*15003300A	Line Cord - United Kingdom 003, 046,053, 071	1
—	*15003500A	Line Cord - Italy 022	1
—	*15432100A	Line Cord - Switzerland 005, 007	1
—	*15003200A	Line Cord - Cont. Europe Various	1
—	*15003400A	Line Cord - Australia 009, 010, 023, 057	1
—	*15431900A	Line Cord - Denmark 002	1

JAGXTREME Controller PCB

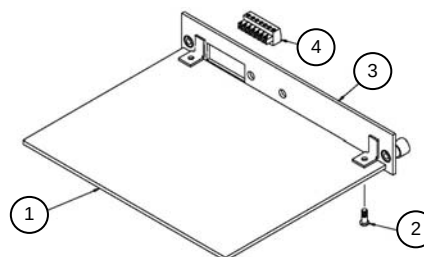
Ref.	Part Number	Description	Qty
1	*15905900A	JAGXTREME Controller PCB, Latest Revision Operating Software (w/o parts)	1
2	*14113300A	Connector, 8 Position Terminal Block 1	1
3	*14113100A	Connector, 6 Position Terminal Block 1	1
4	*14113400A	Connector, 10 Position Terminal Block 1	1
5 (Not Shown)	*15740200A	I/O Plate Assembly, Controller (not shown) 1	1
6	R0511100A	Screw, M4 x 10 Taptite 2	2
	*15740100A	JAGXTREME Controller PCB (See Note 2 Below; w/parts)	1
1	16407800A	JAGXTREME Controller PCB w/JAGMAX software (w/o parts)	

Note 1: If a Controller PCB (w/o parts) is needed with a different version of software, order *15905900A and specify the desired software version. A surcharge will be added for the software change.

Note 2: If a Controller PCB (w/parts) is needed with a different version of software, order *15740100A and specify the desired software version. A surcharge will be added for the software change.



JAGXTREME Controller PCB



JAGXTREME Analog Load Cell PCB

JAGXTREME Analog Load Cell PCB

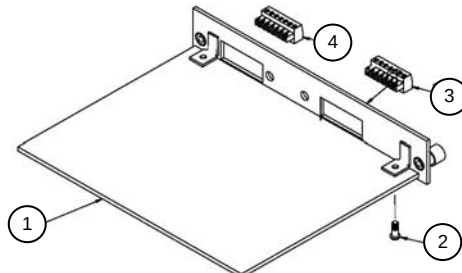
Ref.	Part Number	Description	Qty.
See Note Below	*14490200A	Panel Assembly, Reduced Excitation L/C, Analog JAGXTREME	1
See Note Below	*14163300A	Panel Assembly, Analog L/C, JAGXTREME	
1	*15345400A	PCB Assembly, Single Analog, JAGXTREME (w/o Parts)	1
	*15360200A	PCB Assembly, Reduced Excitation Analog L/C JAGXTREME (w/o Parts)	
2	R0511100A	Screw, M4 x 10 Taptite 2	2
3	*15359000A	I/O Plate Assembly, Analog	1
	*15360800A	I/O Plate Assembly, Reduced Excitation Analog	1
4	*11924100A	Connector, 7 Position Terminal Block	

Note: Includes all parts listed as a complete assembly.

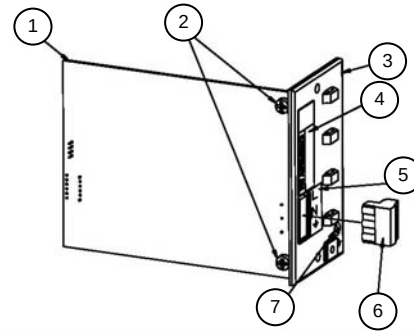
* Part number may have alpha prefix

JAGXTREME Dual Analog Load Cell PCB

Ref.	Part Number	Description	Qty
See Note Below	*14517700A	I/O Assembly, Dual Analog PCB Assembly, Non-hazardous	1
See Note Below	*15360300A	I/O Assembly, Dual Analog PCB Assembly, Reduced Excitation	
1	*15290700A	PCB Assembly, Dual Analog Load Cell, JAGXTREME (w/o Parts)	1
	*15360100A	PCB Assembly, Reduced Excitation Dual Analog PCB (w/o Parts)	
2	R0511100A	Screw, M4 x 10 Taptite	2
3	*14517500A	I/O Plate Assembly, Analog L/C	1
	*15360700A	I/O Plate Assembly, Reduced Excitation Analog L/C	1
4	*11924100A	Connector, 7 Position Terminal Block	2



JAGXTREME Dual Analog Load Cell PCB



JAGXTREME Power Supply

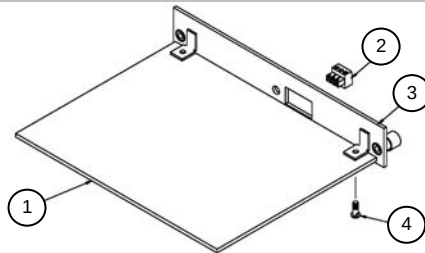
JAGXTREME Power Supply

Ref.	Part Number	Description	Qty
See Note Below	*14163600A	Power Supply PCB Assembly, Panel/Blind	1
See Note Below	*14399600A	Power Supply PCB Assembly, Desk/Wall	1
See Note Below	*14130400A	Power Supply PCB Assembly, Harsh	1
1	*14200200A	Power Supply PCB	1
2	R0511100A	Screw, M4 x 10 Taptite	2
3	*14015100A	Panel Assembly, Power Supply (Panel Mount)	1
	*14520300A	Bracket, Power Supply (Harsh Environment)	1
	*14399500A	Panel, Power Supply (Desk/Wall)	1
4	*12699700A	Label, Warning – Power	1
5	*14400500A	Label, AC Power In	1
6	*14636400A	Connector, 3 Position Terminal Block	1
7	*14531400A	Label, Ground, BSI	1

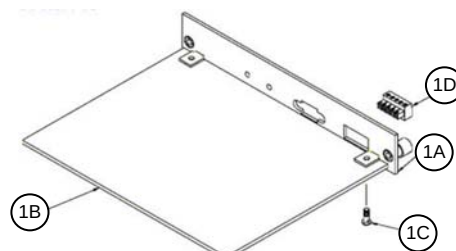
Note: Includes all parts listed as a complete assembly.

JAGXTREME Allen-Bradley RIO Option

Ref.	Part Number	Description	Qty
See Note Below	*14163400A	Allen Bradley I/O PCB Assembly 1	1
1	*14093400A	Allen Bradley I/O PCB 1	1
2	*14217400A	Connector, 3 Position Terminal Block 1	1
3	*14162400A	Plate Assembly, Allen Bradley I/O 1	1
4	R0511100A	4 Screw, M4 x 10 Taptite 2	2



JAGXTREME Allen-Bradley RIO Option



JAGXTREME PROFIBUS Option

JAGUAR PROFIBUS Option

Ref.	Part Number	Description	Qty
See Note 1 Below	*14517100A	PROFIBUS PCB/Panel Assembly	1
1A	*14517000A	I/O Plate	1
1B	*14688900A	PCB, PROFIBUS (w/o Hardware)	1
1C	R0511100A	Screw, M4 x 10 Taptite	2
1D	*14374900A	Connector, 5-Position Terminal Block (See Note 2 Below)	0

* Part number may have alpha prefix

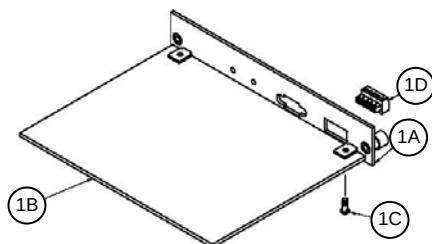
Note 1: Includes all parts listed as a complete assembly.

Note 2: Supplied with 0900-0311 PROFIBUS Pigtail Cable only.

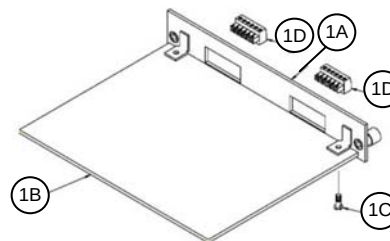
Model JAGXTREME

JAGXTREME Modbus Plus PCB

Ref.	Part Number	Description	Qty
See Note 1 Below	*14547700A	MODBUS Plus PCB Panel Assembly	1
1A	*14547800A	I/O Plate	1
1B	*15084900A	PCB, Modbus Plus (w/o hardware)	1
1C	R0511100A	Screw, M4 x 10 Taptite	2
1D	*14374900A	Connector, 5-Position Terminal Block (See Note 2 Below)	0



JAGXTREME Modbus Plus PCB



JAGXTREME Dual Analog Output

JAGXTREME Dual Analog Output

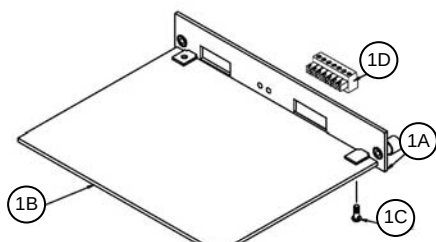
Ref.	Part Number	Description	Qty.
See Note 1 Below	*14164100A	Dual Analog Output PCB/Panel Assembly	1
1A	*14547400A	I/O Plate, Dual Analog Output	1
1B	*14095000A	PCB, Dual Analog Output (w/o Hardware)	1
1C	R0511100A	Screw, M4 x 10 Taptite	2
1D	*13162500A	Connector, 6-Position Terminal Block	1

Note 1: Includes all parts listed as a complete assembly.

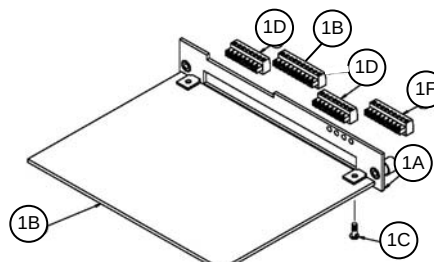
Note 2: Supplied with 0900-0311 PROFIBUS Pigtail Cable only.

JAGXTREME PowerCell PCB

Ref.	Part Number	Description	Qty
See Note Below	*14546200A	POWERCELL PCB Panel Assembly	1
1A	*14546100A	POWERCELL Assembly I/O Plate	1
1B	*14092600A	POWERCELL PCB Assembly (w/o hardware)	1
1C	R0511100A	Screw, M4 x 10, ST PHD 2	2
1D	*14113300A	Connector, 8 Pos. Terminal Block	1
Not Shown	0917-0240 *14749600A	External Power Supply (for applications with more than 14 cells per POWERCELL PCB)	1



JAGXTREME PowerCell PCB



JAGXTREME Multifunction PCB

JAGXTREME Multifunction PCB

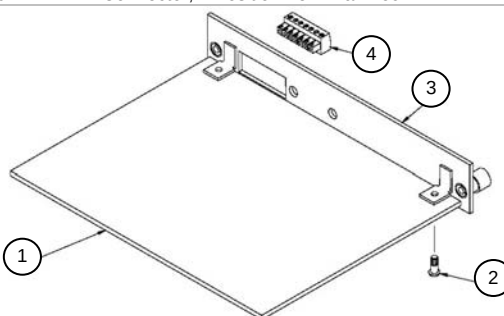
Ref.	Part Number	Description	Qty
See Note Below	*14546200A	POWERCELL PCB Panel Assembly	1
1A	*14164900A	Multifunction I/O Plate	1
1B	*14094200A	Multifunction PCB Assembly (w/o hardware)	2
1C	R0511100A	Screw, M4 x 10 Taptite	2
1D	*14113300A	Connector, 8 Pos. Terminal Block	1
1E	*14113400A	Connector, 10 Pos. Terminal Block	1
1F	*14405300A	Connector, 9 Pos. Terminal Block	1

* Part number may have alpha prefix

Note: Includes all parts listed as a complete assembly.

JAGXTREME IDNET PCB

Ref.	Part Number	Description	Qty
See Note Below	14547500A	IDNET PCB Panel Assembly	1
1	14714800A	IDNET I/F PCB (w/o hardware)	1
2	R0511100A	Screw, M4 x 10 Taprite	2
3	14547300A	I/O Plate Assembly, High Precision	1
4	14113200A	Connector, 7 Position Terminal Block	1



JAGXTREME IDNET PCB

JAGXTREME Optional Accessories

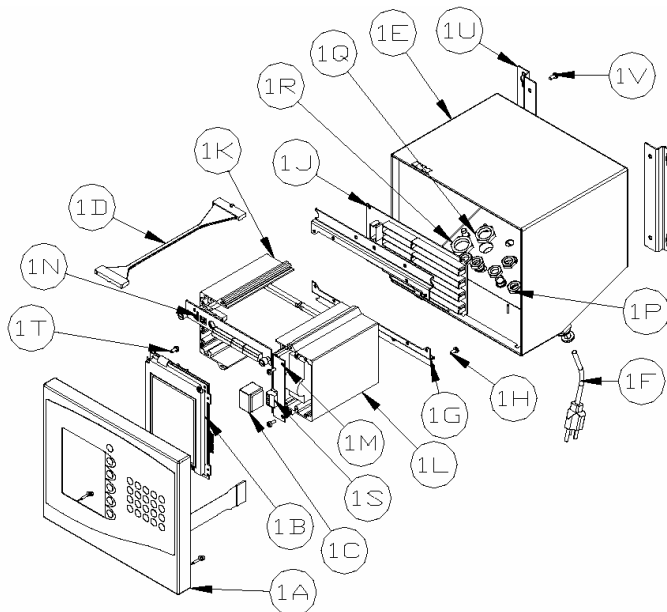
Part Number	Description	Factory Number
*14526100A	Wall/Column Bracket - GP Model	0917-0209
*14528400A	Blank Plate For Open Slot	0917-0210
*14512800A	Analog Load Cell Kit	0917-0211
*14534600A	Reduced Excitation Analog Load Cell Kit	0917-0212
*14510000A	Allen-Bradley Remote I/O Kit	0917-0213
*14528500A	Kit To Convert Blind Unit To JTPA	0917-0214
*13446000A	DigiTOL Load Cell Simulator	0917-0178
*082451JAG	Analog Load Cell Simulator (variable)	—
*14476100A	METTLER TOLEDO Screw Driver	—
*14411800A	2mm Allen Wrench For JTPA Models	—
*90093600A	RS-232/20 mA Converter	0964-0065
*14690100A	Multifunction Kit	0917-0223
*14690200A	POWERCELL Kit	0917-0224
*14875800A	Dual Channel Analog Output Kit	0917-0242
*14866600A	PROFIBUS Interface Kit	0917-0243
*14866500A	High Precision (IDNET) Kit	0917-0244
*13823300A	High Precision Cable Adapter	0900-0284
*15567500A	External Power Supply	0917-0240
*15648700A	QWERTY Keyboard	0917-0274
*14839500A	JagBASIC Programmer's Kit	0917-0230
*14863100A	PROFIBUS Pigtail Kit	0900-0311
*15158600A	Modbus Plus Pigtail Kit	0900-0320
*15035500A	PROFIBUS Type File	0917-0250
*13406300A	NMOS POWERCELL Aux Power Supply 100/110/120 VAC	0917-0168
*13406400A	NMOS POWERCELL Aux Power Supply 220/240 VAC	0917-0169
*15151300A	Modbus Plus Kit	0917-0254

* Part number may have alpha prefix

Model JXHG

JXHG Harsh Environment

Ref.	Part Number	Description	Qty.
1A	*16474600A	Front Panel Assembly	1
1B	*15741300A	Color Display Assembly	1
1C	*14548600A	Battery, 4.5V Alkaline	1
1D	*15964600A	Harness, Display Power	1
1E	*16058800A	Enclosure	1
1F	See Table	Line Cord	1
1G	A14520200A	Bracket	2
1H	R0511100A	Screw, M4x10 Taptite	14
1J	*14146200A	Motherboard Assembly	1
1K	*14520600A	Card Guide, Left	1
1L	*14528600A	Card Guide, Right	1
1M	*14130400A	Power Supply Assembly	1
1N	*15740100A	Controller Assembly	1
1P	*14577900A	PG7 Hex Nut	5
1Q	*14578000A	PG13.5 Hex Nut	2
1R	*14724500A	PG16 Hex Nut	2
1S	*14636400A	3-Pos Terminal Connector	1
1T	R0524700A	Screw, M3x8	4
1U	A14520400A	Wall Mounting Bracket	2
1v	R0520600A	Screw, M6x8 Hex Head	4
Not Shown	*12901800A	Cord Bushing, PG7 w/Nut	2
Not Shown	*12903900A	Cord Bushing, PG13.5 w/Nut	2
Not Shown	*14399900A	Hole Plug, PG7	5
Not Shown	*14400100A	Hole Plug, PG13.5	2
Not Shown	*14724400A	Hole Plug, PG16	2
Not Shown	*14467600A	Bushing Plug	3
Not Shown	*15888600A	Label Kit	1
Not Shown	0917-0337	Network Splitter	—



JXHG Harsh Environment

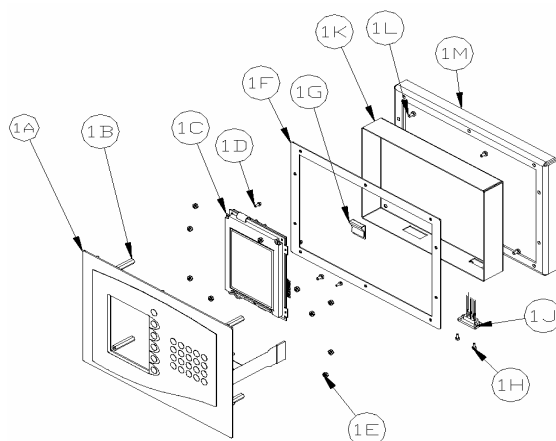
JXHG Line Cord Assemblies

Part Number	Market Number	Description	Qty.
*15003100A	Various	Line Cord, North America	1
*15003300A	003, 046, 053, 071	Line Cord, United Kingdom	1
*15003500A	022	Line Cord, Italy	1
*15432100A	005, 007	Line Cord, Switzerland	1
*15003200A	Various	Line Cord, Europe	1
*15003400A	009, 010, 023, 057	Line Cord, Australia	1
*15431900A	002	Line Cord, Denmark	1

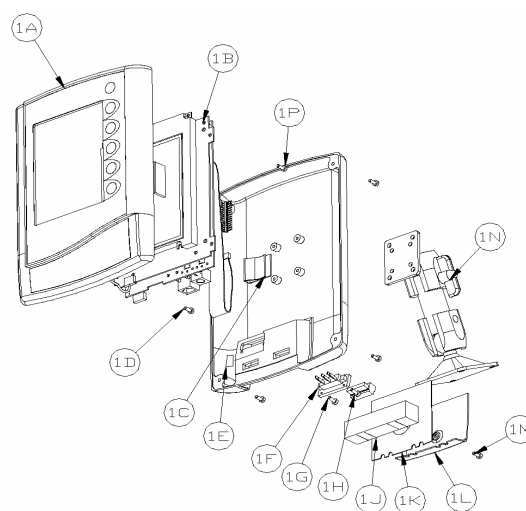
* Part number may have alpha prefix

JXOI Panel Mount

Ref.	Part Number	Description	Qty.
1A	*16457800A	Front panel assembly	1
1B	A16108200A	Standoff, M4, F/F	4
1C	*15741300A	Color display assembly	1
1D	R0524700A	Phillips screw, M3x8	4
1E	R0519600A	Nut, M4 KEPS	10
1F	B15894900A	Perimeter gasket	1
1G	*14665400A	Wire clamp	1
1H	R0553300A	Phillips screw, M2x6	2
1J	*16242200A	Harness, power and serial	1
1K	*15895000A	Rear cover	1
1L	R0541500A	Screw, M4 w/ lock washer	4
1M	*16452200A	Panel stiffener	1



JXOI Panel Mount



JXOI Pedestal

JXOI Pedestal

Ref.	Part Number	Description	Qty.
1A	*16457700A	Front panel assembly	1
1B	*15741300A	Color display assembly	1
1C	*14665400A	Wire clamp	1
1D	R0524700A	Phillips screw, M3x8	4
1E	*14957200A	Double-sided tape	1
1F	*16242200A	Harness, power and serial	1
1G	R0553300A	Phillips screw, M2x6	2
1H	*14113100A	Plug, 6-position terminal	1
1J	*15895400A	Seal, cable entry	1
1K	*16085600A	Cable cover gasket	1
1L	*15895300A	Cable cover	1
1M	R0524700A	Phillips screw, M3x8	1
1N	*15894400A	Pedestal, pivoting	1
1P	*15741500A	Enclosure, rear	1
Not Shown	0917-0311	Weighted Base for JXOI Pedestal	—

* Part number may have alpha prefix

Model Junction Box

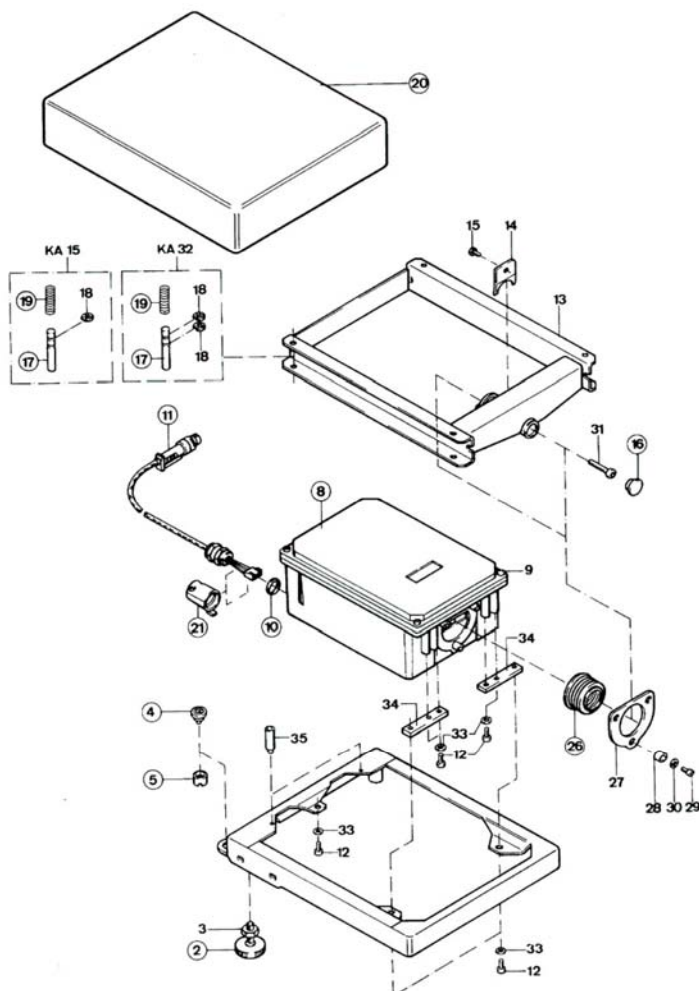
Junction Box

	Part Number	Description	Qty.
J-Box with two holes used inline with cable	*12662300A	KOP, J-Box	
J-Box used with truck scales - large aluminum box	A10035700A	KOP, ready to install	
	B10391000A	J-Box with surge protection	
Plate Assemblies for above boxes			
	A10064300A	for Standard J-Box	
	C10391200A	for Surge protection J-Box	
Parts for J-Box	A07044500A	J-Box ONLY	
	A071014020	J-Box cover	
	A071015020	J-Box cover gasket	
J-Box used with most other low-profile TOLEDO SCALES			
	TB100395	J-Box (7/1/91 replaced 11822800A Desiccant	
	MZ0601000001	1 ounce camphor	
	*12478100A	8 ounce silica gel	
	*11811600A	2.0 g silica gel 2 x 2 x.12	
	TA800218	11.7 g silica 3.25 x 2.0 x.75	
	*12478200A	Moisture Indicator Sealing Compound	
	*11825100A	1 ounce syringe, anti-seize lubricant	
Connector KOP 4 load cell, aluminum J-Box A10064800A which consists of:			
	*09721500A	Connector, cable (.75")	2
	A11741900A	Washer & grommet KOP	5
	*13785400A	Connector, cord .375-.437"	5
	TB100424	J-Box cover 5"X 10"	—
	A11741900A	Washer & grommet KOP	5
	5 - *13785400A	Connector, cord .375-.437"	5
	TB100424	J-Box cover 5"X 10"	—
See new style J-Boxes effective 7-1-91 listed below			
	TB100391	J-Box, 3-hole analog 1.5 x 5 x 7.5"	
	TB100392	J-Box, 3-hole digital 1.5 x 5 x 10.0"	
	TB100393	J-Box, 4-hole analog 1.5 x 5 x 7.5"	
	TB100394	J-Box, 4-hole digital 1.5 x 5 x 10.0"	
	TB100395	J-Box, 5-hole analog 1.5 x 5 x 7.5"	
	TB100396	J-Box, 5-hole digital 1.5 x 5 x 10.0"	
BOX add BOX to above for boxes only			
	TB100397	J-Box, 4-hole bottom mount power supply	
	TB100398	J-Box, 5-hole bottom mount power supply	
	TB100399	J-Box, 5-hole bottom mount expander	
	TB100400	J-Box, 5-hole bottom mount weigh in mot	
	TB100401	J-Box, 5-hole side mount power supply	
	TB100402	J-Box, 5-hole side mount expander	
	TB100403	J-Box, 6-hole bottom mount power supply	
	TB100404	J-Box, 6-hole side mount power supply	
	TB100405	J-Box, 7-hole bottom mount power supply	
	TB100406	J-Box, 7-hole bottom mount expander	
	TB100407	J-Box, 7-hole side mount power supply	
	TB100437	J-Box, 7-hole side mount expander	
	*13462800A	Jack, 6 pin, load cell cable	
Used on J-Box PCB's			
	TB303148	J-Box replacement lid assb	
	TB300398	J-Box, used with 2885	
	90098600A	J-box, 9410 in-motion	
	TB100458	Large SS J-box(0958) (1/2" conduit fittings, analog)	
	*13839700A	PCB, digital J-box, enhanced -	
CMOS-			
	*13635300A	PCB, J-Box (summing box, CMOS)	
	TB100474-4	J-Box,4-hole bottom mount	
	TB100474-5	J-Box,5-hole bottom mount	
	TB100474-6	J-Box,6-hole bottom mount	
	TB100474-7	J-Box,7-hole bottom mount	
	TB100444	J-Box,4-hole side mount	
	TB100445	J-Box,5-hole side mount	
	TB100446	J-Box,6-hole side mount	
	TB100447	J-Box,7-hole side mount	
All 7560 Low profile truck scales use the side mount J-Box. all other vehicle scales including the 7531, 7541, 7565, 7260, and 760DC use the bottom mount.			
	TN100384	Grommet kit	
	TN100386	Cord grip connector	
	TN100387	1/2-14 NPT locknut for above	
Each grommet kit contains (2) grommets, one kit is req'd per J-Box connector.			
	*13159600A	PCB, pit power supply (old)	
	*13159900A	PCB, expander (old)	
	*14005600A	PCB, pit power supply (new)	
	*14022400A	PCB, expander (new)	
	TA000110-022	Interconnect cable box to J-Box	
22' Cable CMOS load cell			
	MN01398	PCB used in old floor scales	
	MN32019	PCB used in TMS W/sec trim pots (200 OHM)	
	TB100515-X	NEW DigiTOL J-Box (replaces TB100392)	
TB100394 & TB100396		X = Number of holes	
	C13839900A	PCB for new J-Box (enhanced)	

* Part number may have alpha prefix

KA15/KA32 Platforms

Ref.	Part Number	Description
2	00502887	Leveling foot
4	00504924	Level
5	00504213	Tapped ring
8		Measuring cell, capsulated
	22001607	K15
	22001608	K32
10	00500492	Sealing ring
11	00504214	Connection cable, 2.5 m
16	00504215	Plug
17	00504218	Load bolt
19		Compression spring
	00504216	for KA15
	00504733	for KA32
20	00504217	Load plate for KA
21	00504219	PG gland, complete
26	00056410/V	Membrane kit



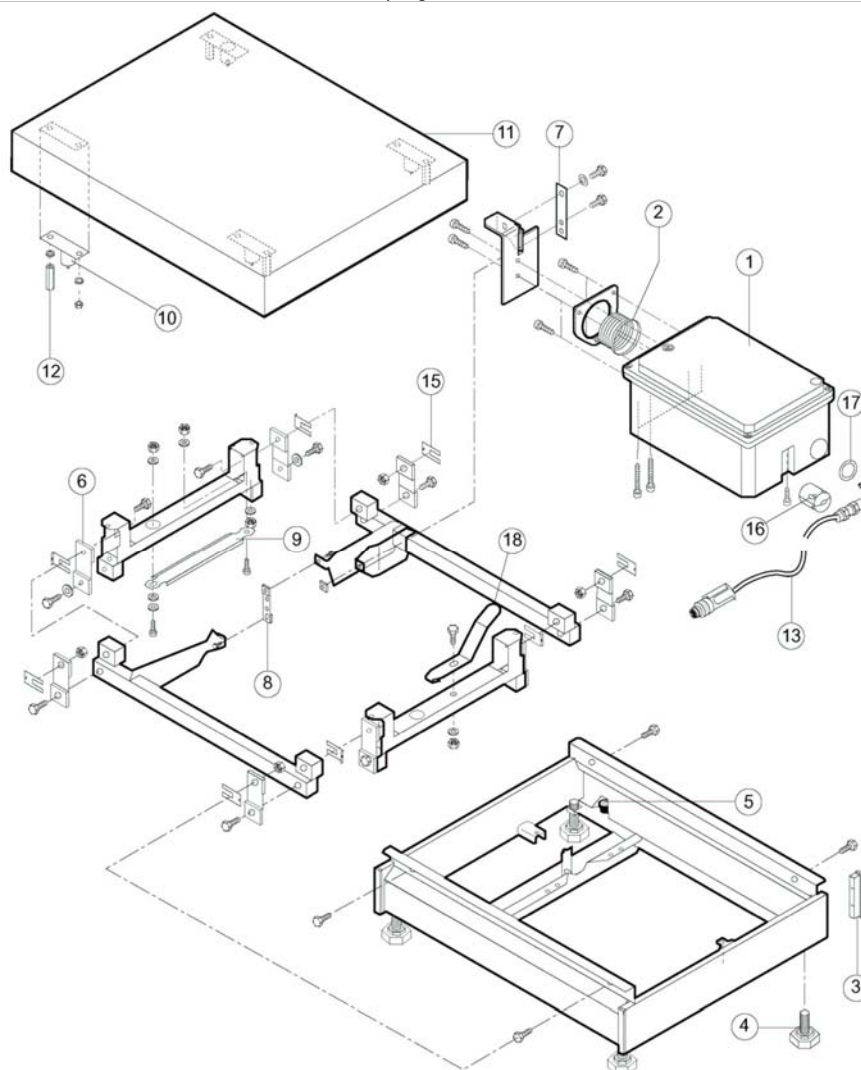
KA Platforms

* Part number may have alpha prefix

Model KB

KB60 Platforms

Ref.	Part Number	Description
1	22001607	Measuring cell, encapsulated
2	00056410/V	Membrane kit
3		Tube plug
	00504838	black
	00504883	gray
4	00504834	Leveling foot, stainless
5	00504924	Level ASC
6	00504833	Flexible bearing, complete
7	00504835	Cell link (ribbon link), 50 pieces
8	00505016	Central link (ribbon link)
9	00502913	Horizontal guide
10	00504836	Load support
11	00504837	Load plate
12	00505030	Stop buffer
13	00504214	Connection cable, 2.5 m
15		Shim for flexible bearings, set of 50 pieces
	00504839	0.050 mm
	00504840	0.055 mm
	00504841	0.060 mm
	00504842	0.065 mm
	00504843	0.070 mm
	00504844	0.075 mm
	00504845	0.080 mm
	00504846	0.085 mm
	00504847	0.090 mm
	00504848	0.095 mm
	00504849	0.100 mm
	00504219	PG gland, complete
	00500492	Ring seal
	00505031	Contact spring



KB60 Platforms

* Part number may have an alpha prefix

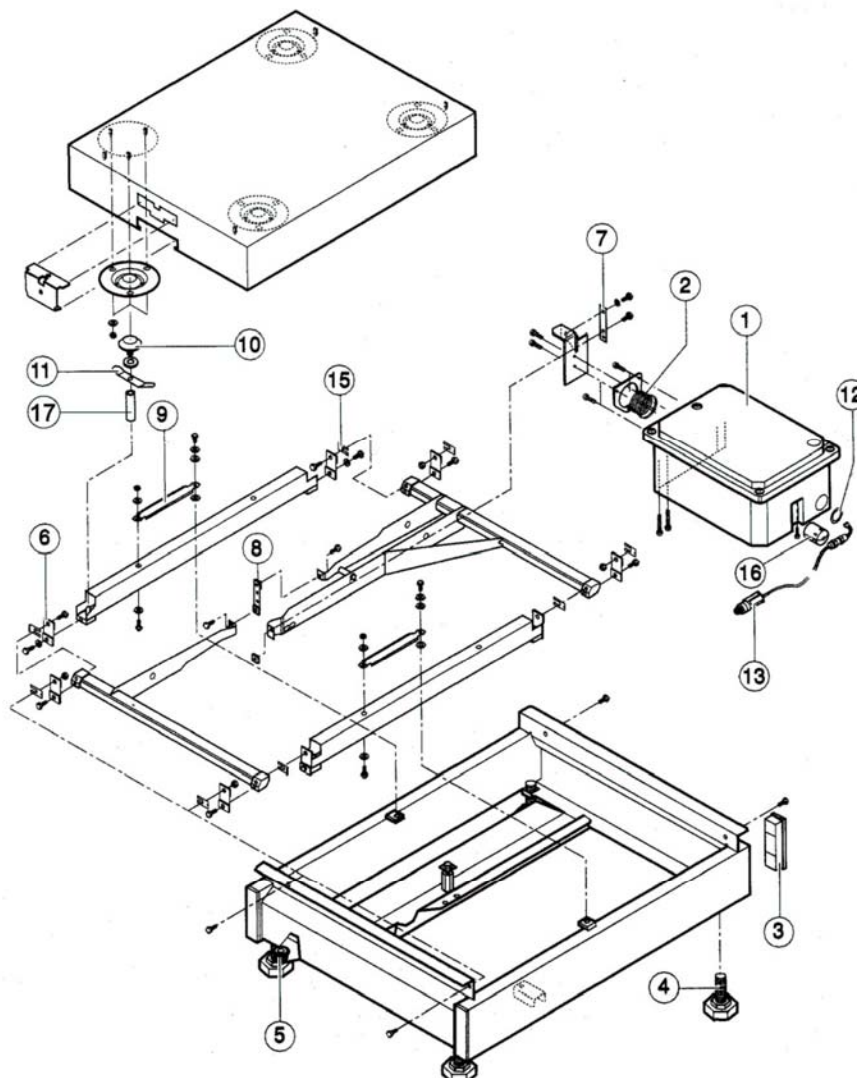
KC120/KC240 Platforms

Ref.	Part Number	Description
	500232	Shim 0.055mm (flexible bearing)
	500233	Shim 0.065mm (flexible bearing)
	500234	Shim 0.075mm (flexible bearing)
	500235	Shim 0.085mm (flexible bearing)
	500236	Shim 0.095mm (flexible bearing)
	500492	Ring seal
	502219	Knife edge 20 N.L.A.
	502888	Adjusting foot
	502889	Bubble level
	502892	Shim 0.10mm (knife edge)
	502893	Shim 0.07mm (knife edge)
	502894	Shim 0.05mm (knife edge)
	502900	Load Support
	502909	Load plate
	502911	Bearing spindle
	502912	Guide washer
	502913	Horizontal guide
	502921	Shim 0.10mm (flexible bearing)
	502922	Shim 0.09mm (flexible bearing)
	502923	Shim 0.08mm (flexible bearing)
	502924	Shim 0.07mm (flexible bearing)
	502925	Shim 0.06mm (flexible bearing)
	502926	Shim 0.05mm (flexible bearing)
	502927	Bearing plate
	504214	Cable 2.5 M
	504219	PG gland complete
	504230	Cell bracket
	504232	Flexible bearing, long
	504233	Flexible bearing, short
	504234	Arrester
	22001607	Measuring cell, pikbrick
	56410	Membrane kit

Models KCC150/KCC300

KCC150/KCC300 Platforms

Ref.	Part Number	Description
1	22001607	Measuring cell, encapsulated
2	00056410/V	Membrane kit
3		Tube plug
	00505028	black
	00505027	gray
4	00504834	Leveling foot, stainless
5	00504924	Level ASC
6	00504833	Flexible bearing, complete
7	00504835	Cell link (ribbon link), 50 pieces
8	00505137	Central link (ribbon link)
9	00502913	Horizontal guide
10	00505026	Load bumper
11	00505094	Screening plate
12	00500492	Ring seal
13	00504214	Connection cable, 2.5 m
15		Shim for flexible bearings, set of 50 pieces
	00504839	0.050 mm
	00504840	0.055 mm
	00504841	0.060 mm
	00504842	0.065 mm
	00504843	0.070 mm
	00504844	0.075 mm
	00504845	0.080 mm
	00504846	0.085 mm
	00504847	0.090 mm
	00504848	0.095 mm
	00504849	0.100 mm
16	00504219	PG gland, complete
17	00202548	Load support bolt

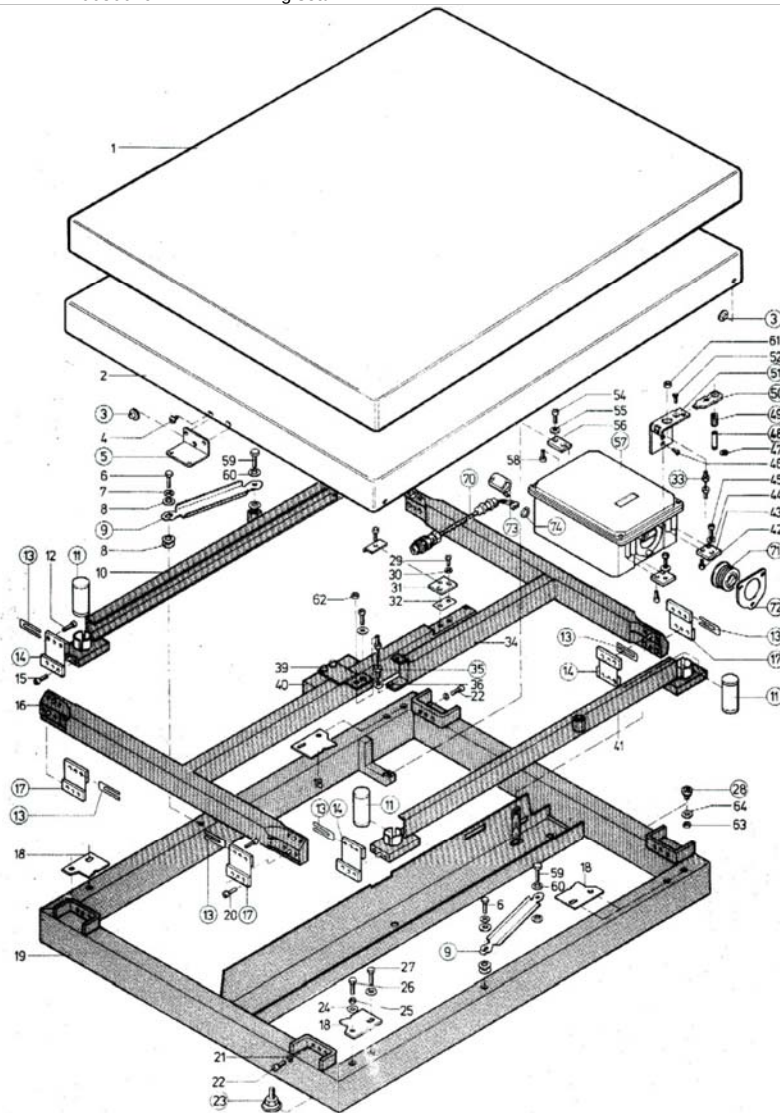


KCC150/KCC300 Platforms

Models KC300/KCS300/KC600/KCS600

KC300/KCS300/KC600/KCS600 Platforms

Ref.	Part Number	Description
3	00502034	Protector
5	00502933	Arrester
9	00502913	Horizontal guide
11	00502928	Load support
13		Shim
	00502935	0.05 mm
	00502936	0.055 mm
	00502937	0.06 mm
	00502938	0.065 mm
	00502940	0.075 mm
	00502941	0.08 mm
	00502942	0.085 mm
	00502943	0.09 mm
	00502944	0.095 mm
	00502945	0.10 mm
14	00502901	Flexible bearing, long
17	00502896	Flexible bearing, short
23	00502890	Leveling foot
28	00502889	Level
33	00502932	String connector, short
35	00502931	String connector, long
48	00502934	Guide pin
49	00502009	Compression spring
50	00502930	Rocker
51	00504236	Cell bracket
27	22001607	Measuring cell, encapsulated
70	00504235	Connection cable, 5 m
71	0056410/V	Membrane kit
73	00504219	PG gland, complete
74	00500492	Ring seal

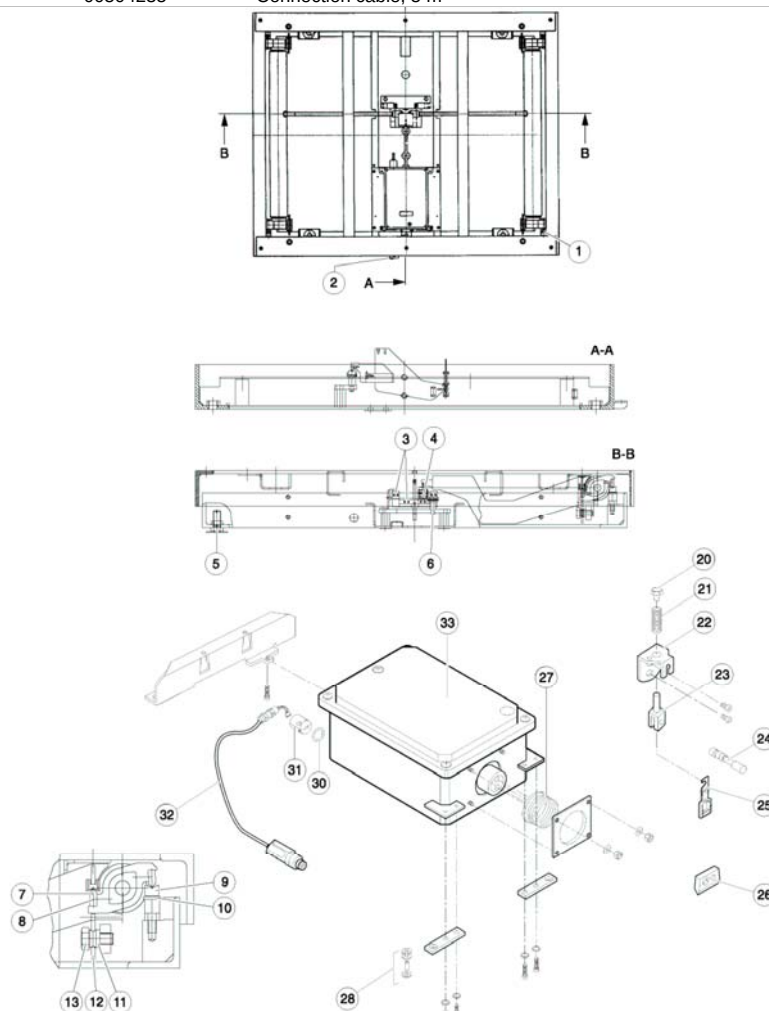


KC300/KCS300/KC600/KCS600 Platforms

Model KD/KE/KES/KE...s

KD/KE/KES/KE...s Platforms

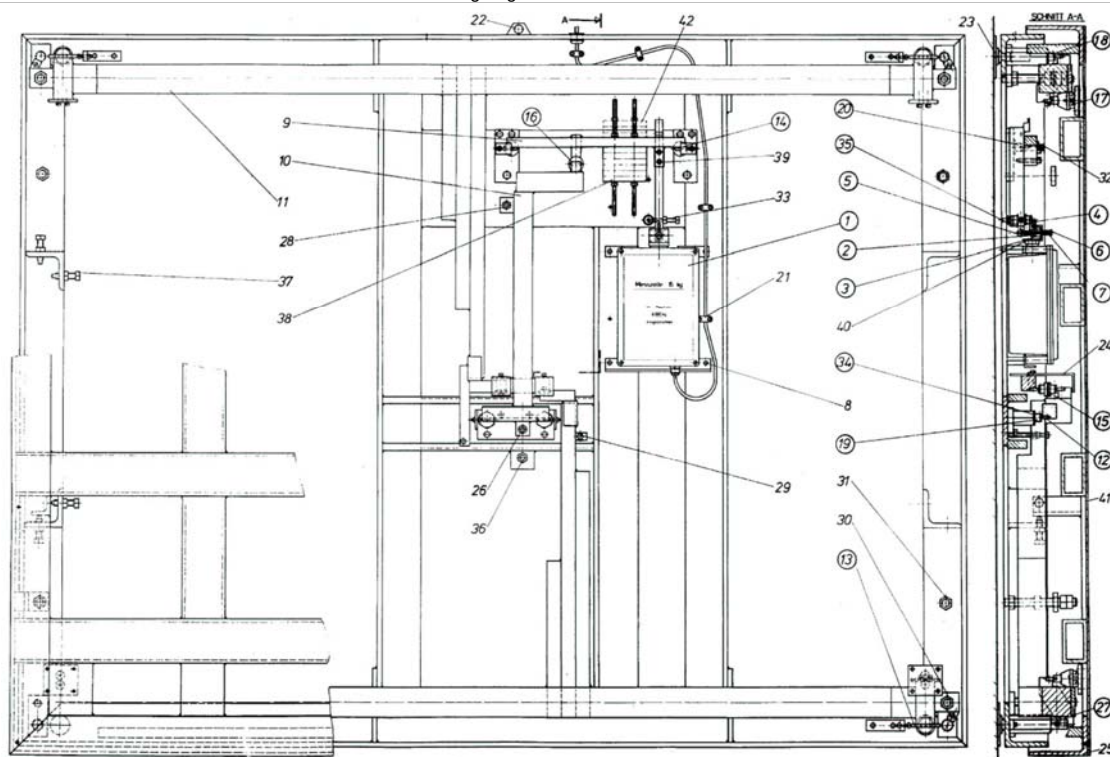
Ref.	Part Number	Description
1	00502738	Thrust jaw screw
2	00504924	Level
3	00502552	Knife edge 30
4	00502736	Link, complete
5	00502741	Leveling foot
6	00502014	Ball 6 mm, workpiece No. 1.4034
	00502551	Bearing cage
	00502553	Bearing block7
	00502549	Bearing shim
7	00502725	Knife edge 40
8		Shim for knife edge 40
	00502729	0.05 mm
	00502727	0.06 mm
	00502730	0.07 mm
	00502728	0.08 mm
	00502731	0.09 mm
	00502726	0.10 mm
9	00502740	Bearing block 40
10	00502739	Bearing shim 40
11	00505253	Socket
12	00502732	Hanger 40
13	00203675	Hex screw M16x35
	00502098	Cable clip
20	00502904	Pressure screw
21	00502009	Pressure spring
22	00504237	Cell bracket
23	00502902	Clevis
24	00502905	Hanger pin
25	00502947	Tension link, complete
26	00502519	Knife edge 20
27	00056410/V	Membrane kit
28	00505377	Cell bearing set
30	0050492	Ring seal
31	00504219	Heavy gauge gland, complete
32	00504235	Connection cable, 5 m



KD/KE/KES/KE...s Platforms

KG Platform

Ref.	Part Number	Description
1	22001607	Measuring cell, encapsulated
2	00502950	Clevis
3	00504237	Cell bracket
4	00502951	Hanger pin
5	00502949	Hanger, complete
6	00502904	Spring screw
7	00502009	Compression spring
12	00502747	Knife edge
13	00502753	Knife edge
14	00502747	Knife edge
15	00502748	Pressure plate
16	00502752	Thrust bearing
17	00502755	Ball support, complete
18	00502746	Hinged bearing
19	00502750	Hinged bearing
20	00502750	Hinged bearing
27	00502745	Bearing shim
34	00502751	Bearing shim
35	00502519	Knife edge 20, Shim
	00500404	0.10 mm
	00500405	0.09 mm
	00500406	0.08 mm
	00500407	0.07 mm
	00500408	0.06 mm
	00500409	0.05 mm
60	00504235	Connection cable, 5 m
61	00056410/V	Membrane kit
63	00504219	PG gland, complete
64	00500492	Sealing ring

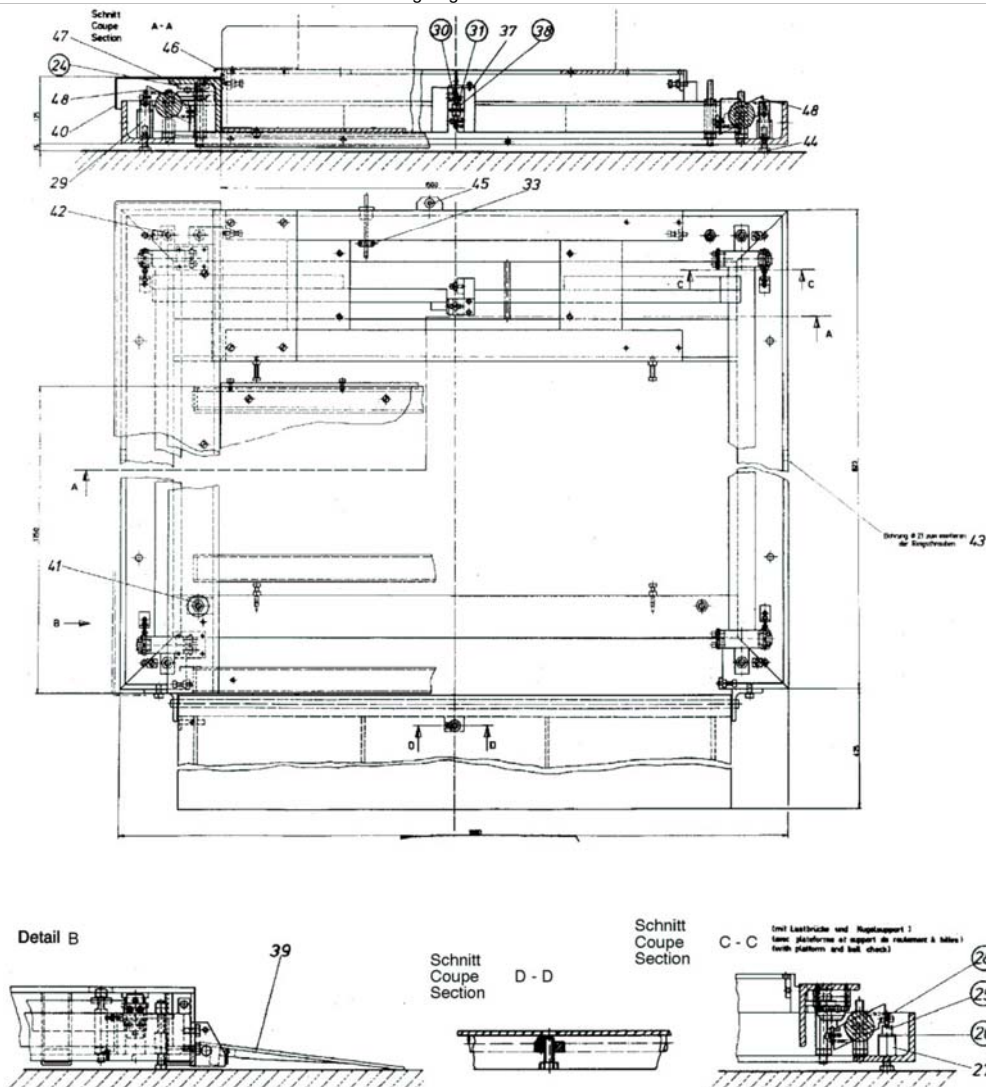


KG Platform

Model KN

KN Platform

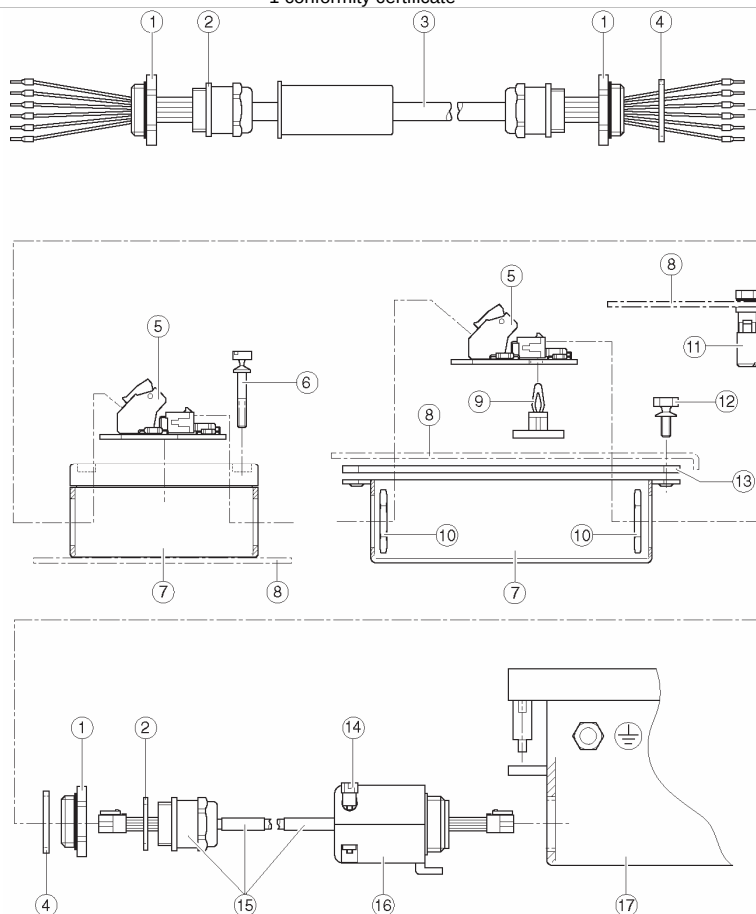
Ref.	Part Number	Description
1	22001607	Measuring cell, encapsulated
2	00502950	Clevis
3	00504237	Cell bracket
4	00502951	Hanger pin
5	00502949	Hanger, complete
6	00502904	Spring screw
7	00502009	Compression spring
8	00502519	Knife edge 20
17	00502750	Hinged bearing
21	00502747	Knife edge
24	00502758	Ball support, complete
25	00502757	Hinged bearing
26	00502751	Bearing shim
28	00502767	Load knife edge
30	00502762	Knife edge 20
31	00502761	Bearing ball
36	00502768	Bearing
38	00502760	Link
50	00502765	Knife edge shim
	00500404	0.10 mm
	00500405	0.09 mm
	00500406	0.08 mm
	00500407	0.07 mm
	00500408	0.06 mm
	00500409	0.05 mm
60	00504235	Connection cable, 5 m
61	00056410/V	Membrane kit
63	00504219	PG gland, complete
64	00500492	Sealing ring



KN Platform

KX Platforms

Ref.	Part Number	Description
1	22 006 372	Adapter – PG11 outside, M16 inside
2	22 006 365	Seal – 19 x 14 x 1.5
3	00 504 673	6-lead connection cable, 5 m
4	4 00 500 492	Seal – 22.5 x 18.6 x 2
5	42 101 839	Supply converter GD13x/GD130x
	42 101 840	Supply converter PSU/PSUx
6	00 504 672	Tear-away screw M3
7		Terminal box
	00 203 091	KA..x, KB60x, KCC..x, KE..sx (Stainless Steel)
	00 504 671	KC..x, KD..x, KE..x, KES..x, KN..x, KG..x (Blue Coated)
8		Fastening plate for Ex terminal box
	00 203 332	for KB60x
	00 203 333	for KCC..x
	00 201 499	for KC..x, KD..x, KE..x, KCS..x, KES..x
	00 204 656	for KE..sx(k)
	00 202 102	for KN..x
	00 202 103	for KG..x
9	00 201 981	Spacer
10	00 200 308	Counter nut PG11
	22 006 367	Counter nut M16
11	00 504 664	Mantle terminal
12	00 203 092	Tear-away screw M4
13	00 203 090	Seal
14	00 201 518	Tear-away screw M3
15	22 006 719	Ex connection cable M16/M20
16	00 504 219	PG/M lock (complete) with tear-away screw
17	22 007 849	T-Brick 15-Ex measuring cell, complete
	22 007 850	T-Brick 32-Ex measuring cell, complete
		each consisting of
		1 measuring cell
		2 spacer pins
		1 PG/M lock (comp.) with tear-away screw
		1 Ex connection cable M16/M20
		1 seal 19 x 14 x 1.5
		1 adapter – PG11 outside, M16 inside
		1 seal 22.5 x 18.6 x 2
		1 supply converter GD13x/GD130x
		1 conformity certificate

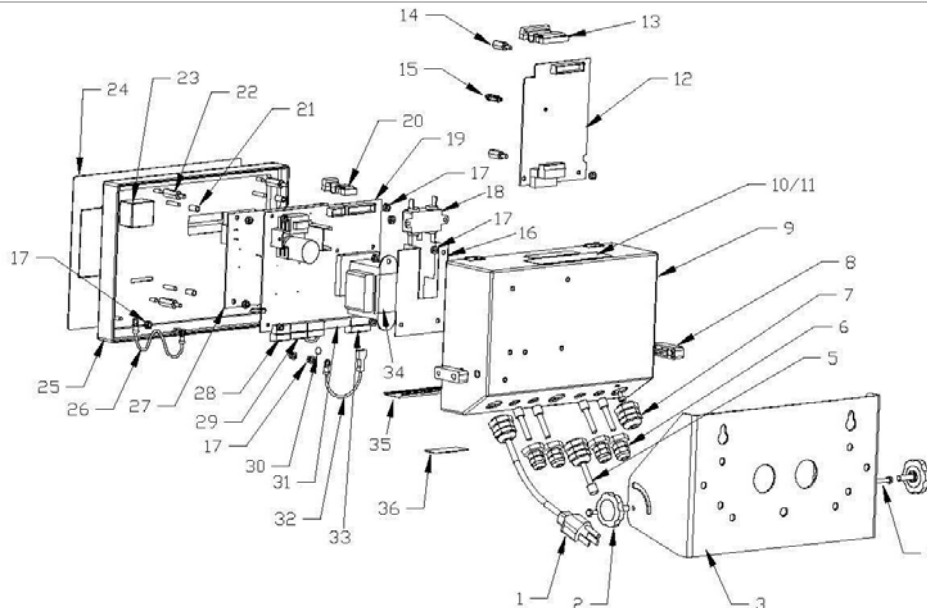


KX Platforms

Model LYNX

LYNX General Purpose

Ref.	Part Number	Description	Qty.
1	*14564300A	Power Cord	1
2	*14734600A	Knob	2
3	*14466400A	Mounting Bracket	1
4	R0520400A	Screw, M4 x 8	2
5	*14467600A	Hole Plug	5
6	*12901800A	Grip Bushing, .094 - .250	4
7	*13002300A	Grip Bushing, .231 - .394	2
8	A14734500A	Spacer	2
9	*14465700A	Enclosure Assembly	1
10	*14490500A	Data Label	1
11	*14515500A	Shield, Data Label	1
12	*14626200A	PCB Assb., Analog Out- Panel and Desk/Wall	1
13	*14562100A	Option Harness - Panel and Desk/Wall	1
14	*14497000A	Standoff, M4 x 16 M-F - Desk/Wall	2
15	*14467400A	Spacer, Snap in 5/8" - Desk/Wall	2
16	*14468100A	Heat Sink	1
17	R0519600A	Hex Nut, M4	19
18	*14560000A	Line Filter	1
19	*15153800A	PCB Assembly, Controller, Non-HAP	1
	*15279300A	PCB Assembly, Controller, HAP	
20	*14561700A	Display Harness	1
21	*14465900A	Spacer, M4 x 11MM Round	4
22	*14466100A	Standoff, M4 x 22MM M-F	4
23	*14548600A	Battery, 4.5V Alkaline	1
24	*14468300A	Keyboard Assembly	1
25	*14465600A	Cover Assembly	1
26	*14467500A	Tension Cable, 3"	2
27	*14287400A	PCB Assembly, VF Display	1
28	*14374900A	Terminal Plug, 5-Pos.	1
29	*14113100A	Terminal Plug, 6-Pos.	2
30	*14531400A	Label, BSI Ground	1
31	*14113400A	Terminal Plug, 10-Pos.	1
32	*14562200A	Ground Wire Assembly	1
33	*14113200A	Terminal Plug, 7-Pos.	1
34	*14562300A	Transformer, 120VAC	1
	*14562400A	Transformer, 220/240 VAC	
35	*14467900A	Label, Controller I/O	1
36	*12699700A	Label, Power Warning	1
Not Shown	A14476100A	Screwdriver	1
Not Shown	*13659500A	Label Set, Capacity	1
Not Shown	*10839700A	Foot, Stick-On	4



LYNX General Purpose

LYNX Desk/Wall Option

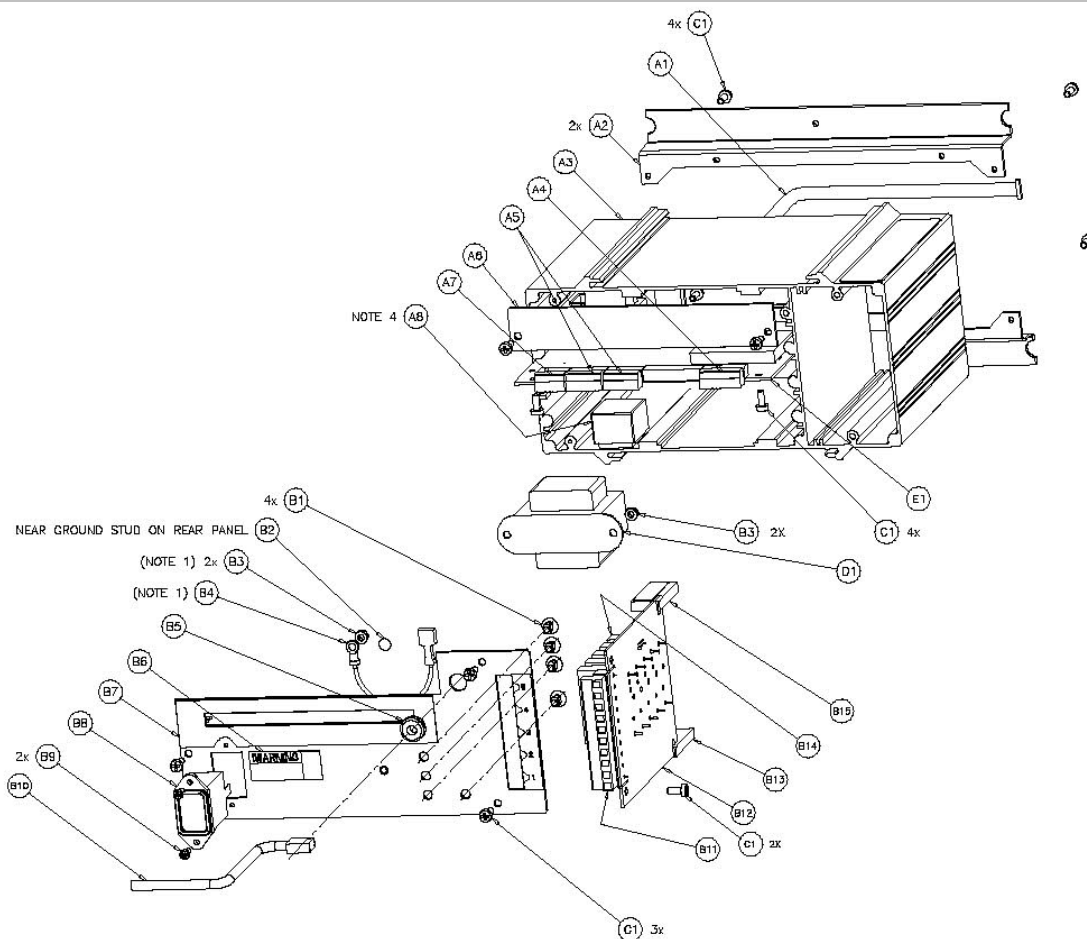
Ref.	Part Number	Description	Qty.
12	*14626200A	PCB Assb, Analog Out - Panel and Desk/Wall	1
13	*14562100A	Option Harness - Panel and Desk/Wall	1
14	*14497000A	Standoff, M4 x 16 M-F - Desk/Wall	2
15	*14467400A	Spacer, Snap - In 5/8 - Desk/Wall	1
Not Shown	*13162500A	Terminal Strip, 6 Position - Panel	1
Not Shown	*14465300A	I/O Plate Analog Output Assembly - Panel	1
Not Shown	R0511100A	Screw M4 X 10 - Panel	2
Not Shown	*14635000A	Label, Analog Output (See Note Below)	1

* Part number may have an alpha prefix

Note: Packed separately for use with general purpose or panel mount model.

LYNX Panel Mount Parts

Ref.	Part Number	Description	Qty
1	*12424400A	Line Filter	1
2	R0511200A	Screw, M3 x 8	2
3	*12699700A	Label, Power Warning	1
4	*14465400A	Rear Panel Assembly (See Note Below)	1
5	R0511100A	Screw, M4 x 10	19
6	*14469100A	Anchor, Cable Tie	3
7	*14562300A	Transformer, 100/120 VAC	1
	*14562400A	Transformer, 220/240 VAC	1
8	R0519600A	Hex Nut, M4	3
9	*14374900A	Terminal Plug - 5 Pos.	1
10	*14113100A	Terminal Plug - 6 Pos.	2
11	*14113400A	Terminal Plug - 10 Pos.	1
12	*14113200A	Terminal Plug - 7 Pos.	1
13	*14015200A	Clamp Plate	2
14	R0511300A	Setscrew, M4 x 20	4
15	*14464900A	Chassis	1
16	*14490500A	Data Label	1
17	*14515500A	Shield, Data Label	1
18	*14287400A	PCB Assembly, VF Display	1
19	*14466700A	Lens	1
20	*14709100A	Keyboard Assembly	1
21	*14464800A	Front Panel	1
22	*14016100A	Seal, Front Panel	1
23	*14014100A	Interface Plate	1
24	*14561700A	Display Harness	1
25	*14466500A	Blank Plate (No Option PCB)	1
26	*15153800A	PCB Assembly, Controller, Non-HAP	1
	*15279300A	PCB Assembly, Controller, HAP	1
27	*14548600A	Battery, 4.2V Alkaline	1
28	*14562200A	Ground Wire	1
29	*14531400A	Label, BSI Ground	1
Not Shown	*10386700A	Power Cord (115VAC)	1
Not Shown	A11476100A	Screwdriver	1
Not Shown	*14411800A	Hex Key, 2MM	1
Not Shown	*13659500A	Label Set, Capacity	1
Not Shown	R0512200A	Screw, M3 x 6 Drilled Head	2



LYNX Panel Mount Parts

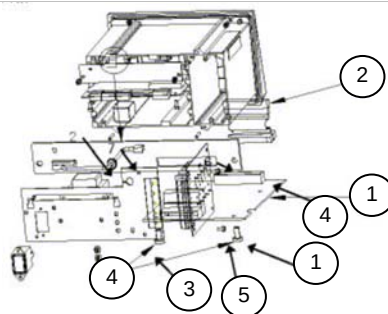
* Part number may have an alpha prefix

Note: For Set-Point Option, use 144690 00A Rear Panel Assembly.

Model LYNX

LYNX Panel Mount Option Kit

Ref.	Part Number	Description	Qty
	*14710800A	Analog Output Option Kit, Factory Number 0917-0225-000	
1	*14626200A	PCB Assembly, Analog Out - Panel and Desk/Wall	1
2	*14562100A	Harness - Panel and Desk/Wall	1
3	*14465300A	I/O Plate, Analog Out - Panel	1
4	R0511100A	Screw, M4 X 10 PH Pan HD - Panel	2
Not Shown	*13162500A	Terminal Strip, 6 Position - Panel	1
Not Shown	*14467400A	Spacer - Snap in - Desk/Wall	1
Not Shown	*14497000A	Standoff - Desk/Wall	2
Not Shown	*14635000A	Label, Analog Output	1
	*14711000A	BCD Output Option Kit, Factory Number 0917-0227-000	
1	*14625800A	PCB Assembly, Analog Out Option	1
2	*14562100A	Harness	1
3	*14468700A	Plate Assembly, Analog Out	1
4	R0511100A	Screw, M4 X 10 PH Pan HD	2
	*14711400A	Setpoint Output Option Kit, Factory Number 0917-0229-000	
1	*14622000A	PCB Assembly, Setpoint Option	1
2	*14468800A	Harness	1
3	*14469000A	Rear Panel Assembly, Setpoint	1
4	R0511100A	Screw, M4 X 10 PH Pan HD	2
5	*14623400A	Terminal Strip Plug	1
6	*13636700A	Opto 22 Output Block	1
7	*12462700A	Grommet	1
Not Shown	*14634300A	Lower Card Guide	1
Not Shown	*14634300B	Upper Card Guide	1
Not Shown	*09591500A	Tie Wraps	2
Not Shown	*14469100A	Anchor, Cable Tie	1



LYNX Panel Mount Option Kit

LYNX Optional Accessories

Part Number	Description	Factory Number
*14710800A	Analog Output Kit	0917-0225
*14711000A	BCD Output Kit (panel mount only)	0917-0227
*14711400A	Setpoint Option Kit (panel mount only)	0917-0229
*10086500A	Analog Load Cell Simulator (10-step)	0917-0091
*13446000A	DigiTOL Load Cell Simulator	0917-0178
*082451020	Analog Load Cell Simulator (variable)	—
A11476100A	Screw Driver	—
*14411800A	Hex Key, 2MM	—
90093600A	RS-232/20 mA Converter	—

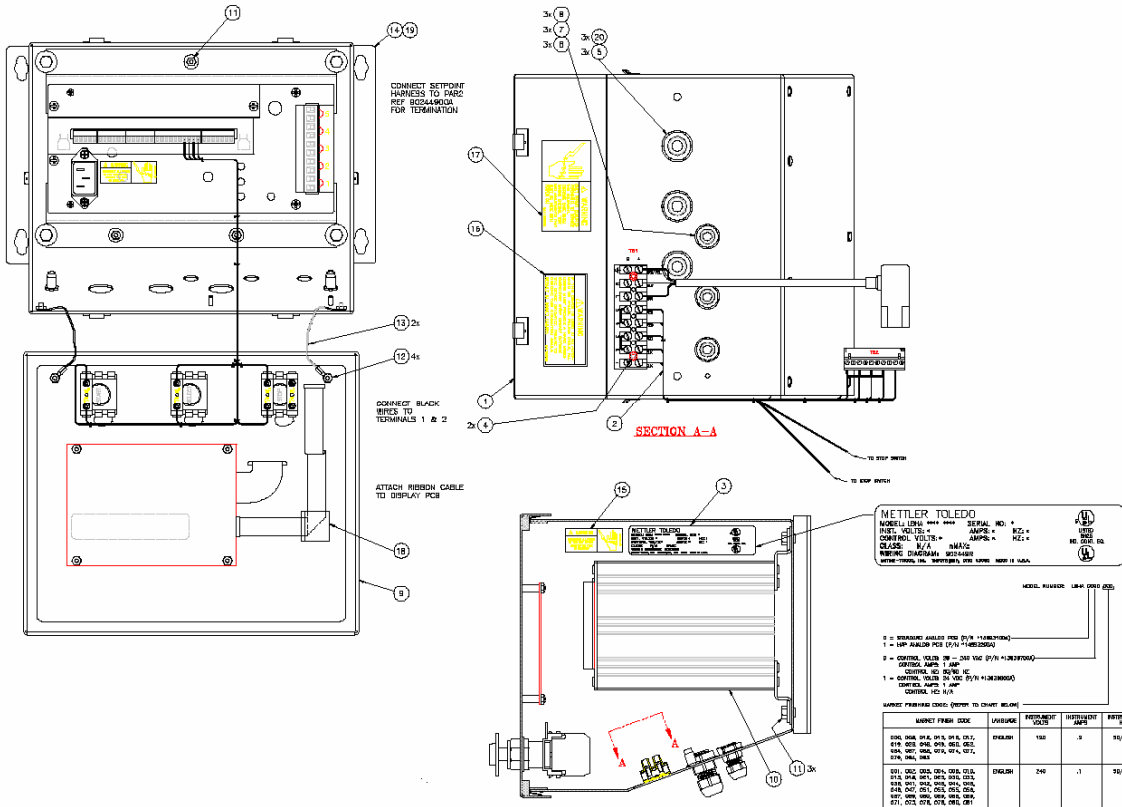
LYNX Cables and Connectors

Part Number	Description	Factory Number
*13011500A	DigiTOL Load Cell cable w/DB9 connector attached (10')	0900-0245
*13371700A	Printer cable, RS232/20 mA (15 feet)	0900-0258
*14656100A	Printer Cable, RS232 (15 feet)	0900-0309
510624370	Raw Analog Load Cell Cable, 24 gauge	—
510620370	Raw Analog Load Cell Cable, 20 gauge	—
510616370	Raw Analog Load Cell Cable, 16 gauge	—
A12581900A	DE-9 male load cell connector	0917-0117
*12583900A	Connector Potting Kit (L/C end only)	0901-0194

* Part number may have alpha prefix

LynxBatch Harsh Environment

Ref.	Part Number	Description	Qty.
1	*90245500A	Enclosure	1
2	*90246200A	Harness, AC Power Terminals	1
4	R0500400A	M3 Nut, Hex, W/Washer	2
5	*13002300A	CGB	3
6	*12901800A	CGB	3
7	*14050100A	Gasket	3
8	*14467600A	Small CGB Plug	3
9	*90245400A	Front Cover Assembly	1
10	*90245700A	Indicator Assembly (see next table)	1
11	R0519200A	M5 Nut, Hex, W/Washer	3
12	R0519600A	M4 Nut, Hex, W/Washer	4
13	*14467500A	Tension Cable, 3.25"	2
14	*14520400A	Wall Mount Brackets	2
15	*12699700A	Warning Label	1
16	*13203500A	Warning Label	1
17	*13203600A	Warning Label	1
18	*14665400A	Harness Clip	1
19	R0520600A	Bracket Mounting Bolts	4
20	*14467600A	Large CGB Plug	3
Not Shown	*14235400A	Labels, Capacity (Sheet)	1
Not Shown	*09591500A	Cable Tie, Small	3
Not Shown	*12635700A	Core, Ferrite, 0.75 ID	1
Not Shown	*14476100A	Screwdriver	1
Not Shown	*14411800A	Hex Key, 2mm	1
Not Shown	R0526900A	Screw M3x8 Drilled Head	2
Not Shown	R0510000A	Screw M4x10 Drilled Head	4



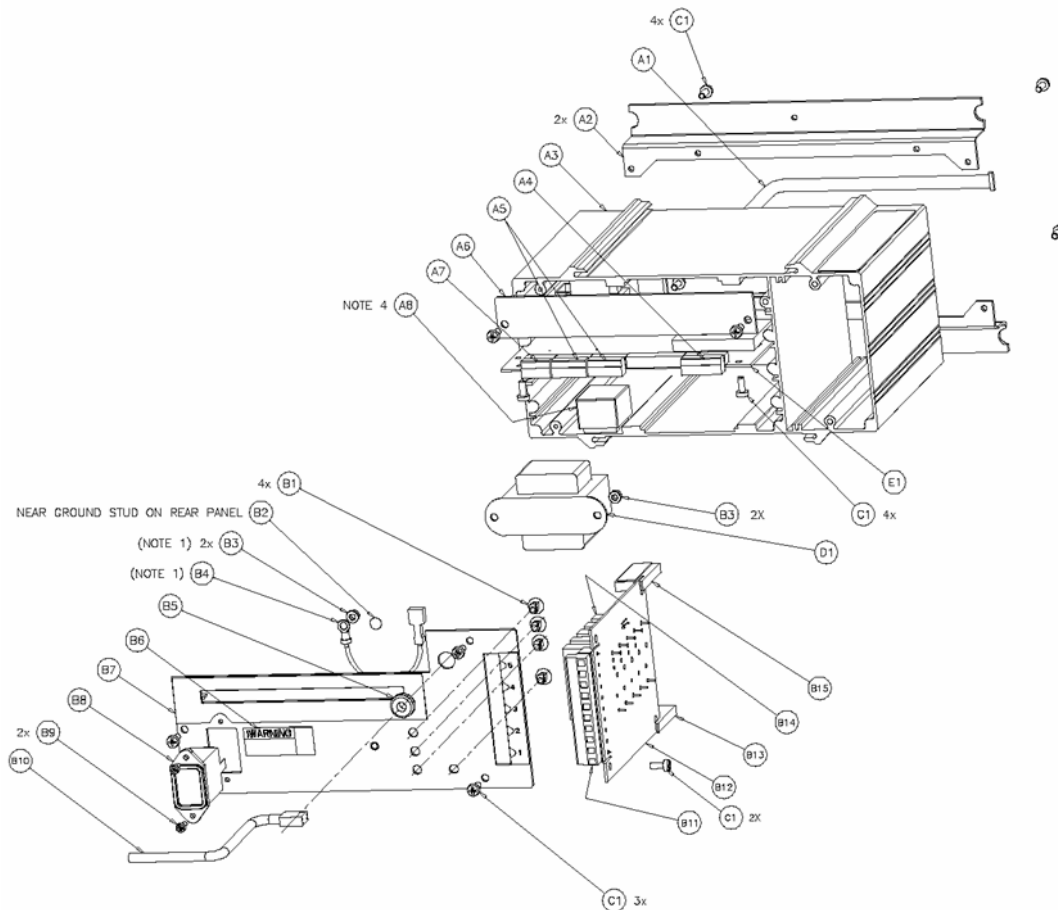
LynxBatch Harsh Environment

* Part number may have an alpha prefix

Model LynxBatch

LynxBatch Harsh Environment

Ref.	Part Number	Description	Qty.
A1	*90247000A	Ribbon Harness	1
A2	*14520200A	Mounting Brackets	2
A3	*14734300A	Chassis, LynxBatch	1
A4	*14113200A	Terminal Plug, 7 Position	1
A5	*14113100A	Terminal Plug, 6 Position	2
A7	*14374900A	Terminal Plug, 5 Position	1
A8	*14548600A	Battery, 4.2 V, Alkaline	1
B1	*14469100A	Anchor, Cable Tie	4
B2	*14531400A	Label, BSI Ground	1
B3	R0519600A	Nut, Hex, M4, KEPS	3
B4	*14562200A	Ground Wire	1
B5	*12462700A	Grommet, 0.25 AE	1
B6	*12699700A	Label, Power Warning	1
B7	*14469000A	Rear Panel	1
B8	*12424400A	Line Filter, Plug in	1
B9	R0524700A	Screw, M3x8, PH., Taptite	2
B10	*90246300A	Harness	1
B11	*14623400A	Plug, Terminal Strip	1
B12	*14622000A	PCB Assembly, Set Point	1
B13	*14634300A	Guide, PCB, Lower	1
B14	*13636700A	Solid State Output, Opto 22, Fused, 28-280 VAC	5
C1	R0511100A	Screw, M4x10, PH., Taptite	11

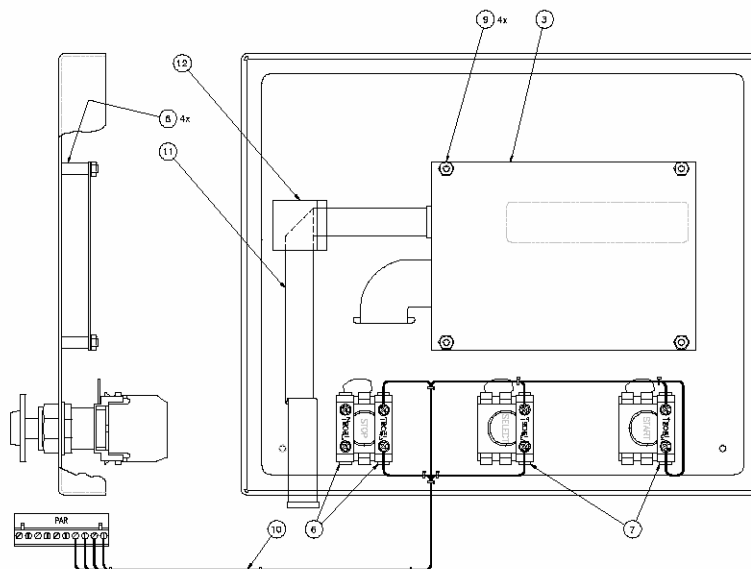
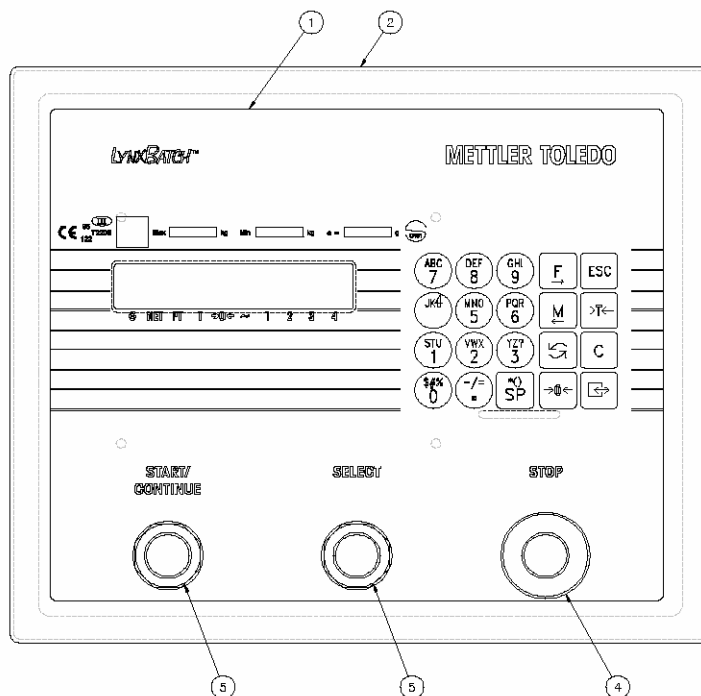


LynxBatch Harsh Environment

* Part number may have alpha prefix

LynxBatch Harsh Environment

Ref.	Part Number	Description	Qty
1	*90245200A	Assembly Keyboard LynxBatch	1
2	*90245300A	Front Cover	1
3	*14287400A	PCB Assembly, VF Display	1
4	*90075000A	Switch Operator, Emergency Stop, Red, Maintained	1
5	*90086400A	Switch Operator, Black, Momentary	2
6	*90086200A	Contact, 1 N.C.	2
7	*90086100A	Contact, 1 N.O.	2
8	*030484050	Spacer, Hex, M4x15mm	4
9	R0519600A	Nut, Hex, M4	4
10	*90246300A	Harness Assembly, Switches	1
11	*14561700A	Harness Ribbon, Display	1
12	*14665400A	Harness Clip	1

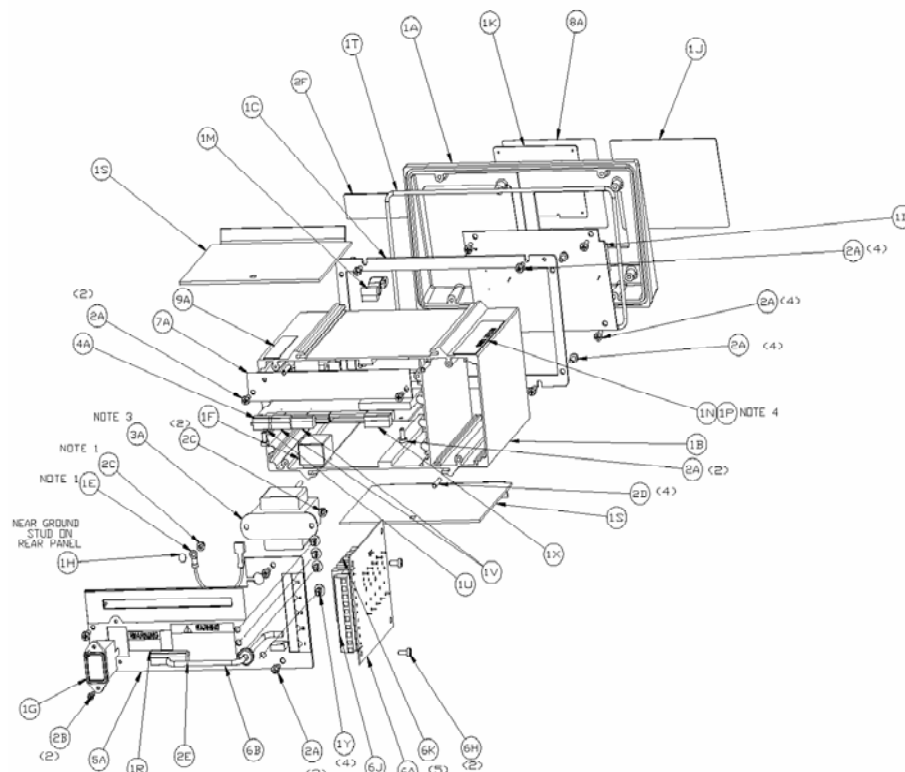


LynxBatch Harsh Environment

Model LynxBatch

LynxBatch Panel Mount

Ref.	Part Number	Description	Qty
1A	*14464800A	Front Panel, Lynx	1
1B	*14734300A	Chassis, Lynx	1
1C	*14014100A	Interface Plate	1
1D	*14287400A	PCB Assembly, VF Display	1
1E	*14562200A	Ground Wire	1
1F	*14548600A	Battery, 4.2 V	1
1G	*12424400A	Line Filter	1
1H	*14531400A	Label, BSI Ground	1
1J	*14466700A	Lens	1
1K	*14468000A	Keyboard	1
1M	*14561700A	Harness, Display	1
1R	*12699700A	Label, Power Warning	1
1S	*14015200A	Clamp Plate	2
1T	*14016100A	Panel Seal	1
1U	*14374900A	Terminal Plug, 5 Pos.	1
1V	*14113100A	Terminal Plug, 6 Pos.	2
1W	*14113400A	Terminal Plug, 10 Pos.	1
1X	*14113200A	Terminal Plug, 7 Pos.	1
1Y	*14469100A	Anchor, Cable Tie	3
2A	R0511100A	Screw, M4x10 PH. Taptite	19
2B	R0524700A	Screw, M3x8 PH.	2
2C	R0519600A	Hex Nut, M4 KEPS	3
2D	R0511300A	Set Screw, M4x20 Flat Pt.	4
2E	*13203500A	Label, Warning	1
3A	*14562300A	Transformer, 100/120 V	1
4A	*14893100A	PCB Assembly, Controller Board	1
5A	*14469000	Rear Panel	1
6A	*14622000A	PCB Assembly Set Point	1
6B	*14468800A	Harness	1
6D	*12462700A	Grommet	1
6H	R0511100A	Screw, M4x10, PH. Pan HD	2
6J	*14623400A	Plug, Terminal Strip	1
6K	*13636700A	Solid State Output, Opto 22, Fused, 28-280 VAC	5
7A	*14466500A	Blank Plate	1
8A	*14893000A	Keyboard Overlay LynxBatch, English	1
9A	*11397100A	Label, FCC Info.	1
Not Shown	*09591500A	Cable Tie, Small	3
Not Shown	*12635700A	Core, Ferrite	1
Not Shown	*14476100A	Screwdriver	1
Not Shown	*14411800A	Hex Key, 2mm	1
Not Shown	*12363300A	Security Seal	1
Not Shown	R0526900A	Screw, M3x8	2
Not Shown	R0510000A	Screw, M4x10	4
Not Shown	*14235400A	Labels, Capacity	1



LynxBatch Panel Mount

* Part number may have alpha prefix

MG4500 40,000 lb

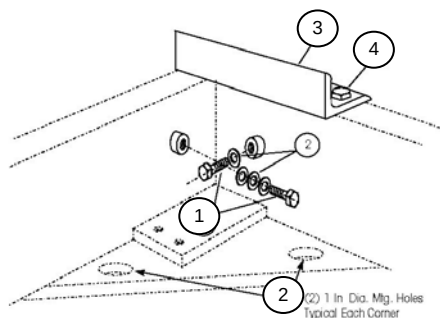
Ref.	Part Number	Description	Qty
1	*13077500A	20,000 lb Shear Beam Load Cell	4
2	MZ0901010073	1-8 Hex. Hd. Bolt x 4.00" Lg.	8
3	MN21033	Slider Cup Retainer	4
4	MZ0901010165	10-32 Screw x .75" Lg.	8
5	MN21036	Rocker Pin	4
6	MZ0909000013	O - Ring	8
7	MN21035	Slider Cup	4
8	TN202941	Slider Plate	4
9	MZ0901010064	3/8-16 Hex. Hd. Screw x .50" Lg.	8

MG4500 40,000 lb

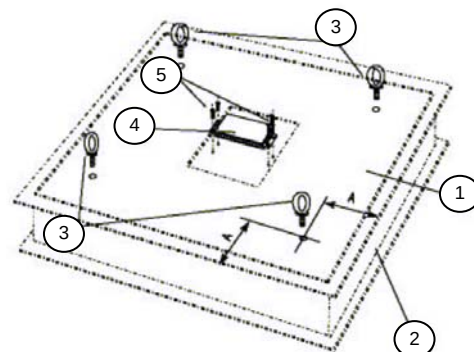
Ref.	Part Number	Description	Qty
1	*13029400A	45,000 lb Shear Beam Load Cell (S. S. Shield Cable)	4
	*14841200A	45,000 lb Load Cell (no S. S. Shield cable)	
2	MZ0901010238	1-8 Hex. Hd. Bolt x 4.00" Lg.	8
3	MN31790	Slider Cup Retainer	4
4	MZ0901010165	10-32 Screw x .75" Lg.	8
5	MN31797	Rocker Pin	4
6	MZ0909000004	O - Ring	8
7	MN32058	Slider Cup	4
8	TN202941	Slider Plate	4
9	MZ0901010030	3/8-16 Hex. Hd. Screw x .50" Lg.	8

MG4500 Bumper Bolt Arrangement

Ref.	Part Number	Description	Qty
1	MZ0901010030	3/8-16 Hex. Hd. Screw x .75" Lg. (40,000 lb Capacity)	8
	MZ0901010083	5/8-11 Hex. Hd. Screw x 1.25" Lg. (60,000 lb Capacity)	8
2	MZ0901030019	3/8" Flat Washer (40,000 lb Capacity)	32
	MZ0901030023	5/8" Flat Washer (60,000 lb Capacity)	32
3	TN202623	Shipping Angle	4
4	MZ0901010030	3/8 - 16 Hex. Hd. Screw x .75" Lg.	8



Bumper Bolt Arrangement



Scale Platform and Junction Box

MG4500 Scale Platform and Junction Box

Ref.	Part Number	Description	Qty
1	Varies	Scale Platform	1
2	Varies	Scale Frame	1
3	MZ0905000003	3/4-10 Lifting Eye Bolt	4
4	TB100395	Analog Junction Box Assembly, Ref.: (1) *13640300A Analog PCB (1) TA800218 Desiccant Bag (5) TN100430 3/8 Cord Grip (5) TN100432 Lock-nut	1
5	MZ0901010379	1/4-20 PHD Screw S.S. x 1/4" Lg.	4

* Part number may have an alpha prefix

Model Modulo

Modulo WMH Bases

Part Number	Description
	Measuring cell, complete
42 102 020	WMH15S-22
42 102 021	WMH15S-32
42 102 022	WMH32S-22
42 102 023	WMH32S-32
00 056 410/V	Membrane set
00 504 217	Load plate, when replacing the load plate, use four new load pins as well
	Pressure spring
00 504 216	for WMHA15S-22, -32
00 504 733	for MWAHA32S-22, -32
00 504 218	Load pin
00 502 887	Leveling foot
00 504 924	Level indicator
00 504 213	Tapped ring (for level indicator)
	Instructions for installation and operation: WMH weighing platforms
42 101 976	German
42 101 977	English
42 101 978	French
	Ref. manual "Standard Interface Command Set for WM and WMH weighing modules"
42 101 965	German
42 101 959	English
42 101 966	French
42 102 820	CD-ROM, with Operating Instructions in 3 languages and software for WMH
42 102 702	MT-WTI adhesive labels, Adhesive labels of various sizes reading "METTLER TOLEDO Weighing Technology Inside"
00 504 215	Plug
	WM cable Connection cable between weighing platform and system, 19-pin 180° (straight) plug at one end and loose wires at the other
42 102 803	WM cable 180/3, 3 m long
42 102 812	WM cable 180/5, 5 m long
42 102 813	WM cable 180/10, 10 m long
00 224 200	RS/LC-BCR, external weight display; connected via RS-232C. Specify country and voltage information when ordering.
Contact us	Calibration weights METTLER TOLEDO offers an extensive range of weights, both with and without calibration certificates.



Modulo WMH Bases

Modulo WMH-Ex Bases

Part Number	Description
	Measuring cell, complete
42 102 045	WMH15Sx
42 102 046	WMH32Sx
00 056 410/V	Membrane set
42 102 830	WMH-Ex connection cable, complete for OEM cells
00 504 217	Load plate, when replacing the load plate, use four new load pins as well
	Pressure spring
00 504 216	for WMHA15sx-cl
00 504 733	for MWHA32x-cl
00 504 218	Load pin
00 502 887	Leveling foot
00 504 924	Level indicator
00 504 213	Tapped ring (for level indicator)
	Instructions for installation and operation: WMH-Ex weighing platforms
42 909 026	German
42 909 027	English
42 909 028	French
	Ref. manual "Standard Interface Command Set for WM and WMH weighing modules"
42 101 965	German
42 101 959	English
42 101 966	French
42 102 828	CD-ROM, with Operating Instructions in 3 languages and software for WMH
42 102 702	MT-WTI adhesive labels, Adhesive labels of various sizes reading "METTLER TOLEDO Weighing Technology Inside"
00 504 215	Plug
00 224 200	Standard accessories
00 504 638	Ex cable on reel, for connection of PSU – WMH-Ex connection box, 3 x 2 x 0.75mm, 100m
22 006 708	Cable screw glands M16, 1 set contains 6 pieces
00 504 639	Wire and ferrules HO.75, 1 set contains 100 pieces
	PSU-WMH-Ex connection cables need the following parts:
00 504 638	Cable
22 006 708	Cable screw glands
00 504 639	Wire end ferrules
Contact us	Calibration weights METTLER TOLEDO offers an extensive range of weights, both with and without calibration certificates.



Modulo WMH-Ex Bases

Model Modulo

Modulo WM123, WM124, WM503, WM3002

Part Number	Description
42102802	WM Cable 90/3 Cable to connect Weighing Module to system. 19-pin 90° angled plug at one end, open wires at other end. Length 3 m
42102803	WM Cable 180/3 Cable to connect Weighing Module to system. 19-pin 180° straight plug at one end, open wires at other end. Length 3 m
42102800	WM-ConBox Connection box for splitting the wires to functions (power supply, RS interfaces) with screwed connections.
42102804	WM-Pan R45 Round weighing plate ø 45 mm (standard for WM124, WM123, also fits WM503)
42102805	WM-Pan R55 Round weighing plate ø 55 mm (standard for WM503), fits WM123, only advisable with reservations for WM124
42102806	WM-Platform 60x60 Set comprising Support 58x58 mm, secured against turning, Cover, stainless steel (60x60 mm) Flange, steel (to secure against turning) Centering gauge, screw M3x25, sealing washer Fits WM123, WM503, only advisable with reservations for WM124
42102808	Base sealing set: Sealing compound 4 sealing washers for M5 screws For use with wash-down version if the weighing module is to be cleaned with a spray or fine water jet
42102807	WM-Leveling Leveling aid, to ensure horizontal position bubble Adjustment weights Adjustment weights can also be ordered with 20g, E2 calibration certificate.
00158430	50g, E2 Suitable values and accuracy classes
00158440	100g, E2
00158450	20g, F1
00158640	50g, F1
00158650	100g, F1
00158660	200g, F1
00158670	500g, F1
00158680	1000g, F1
00158690	2000g, F1
00158700	



Modulo WM123, WM124, WM503, WM3002

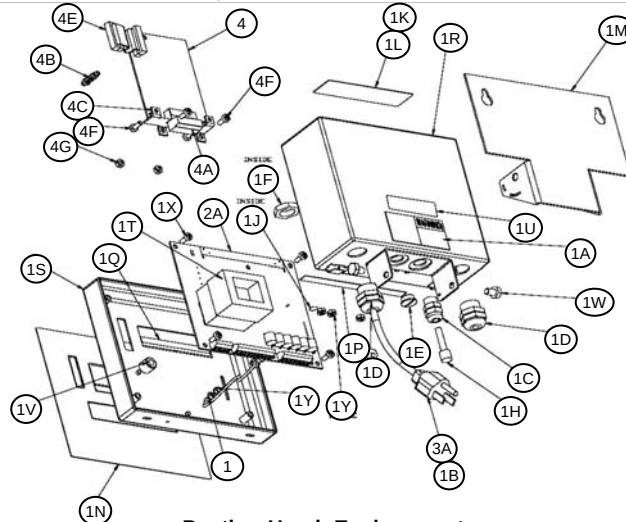
PANDA

Part Number	Description
71160080	Display Module Standard
71160082	Display Module EX
71146821	Weighing Pan
71160081	Weighing Platform (Certified & Normal)
71160083	Weighing Platform EX
71146827	Leveling Foot
71143897	AC Adapter (US)
71147340	EX Power Supply (120VAC)
71143900	Secondary Cable (Power Supply to Scale)
87424	Primary Fuse (120V)
87158	Secondary Fuse

Model PANTHER

Panther Harsh Environment

Ref.	Part Number	Description	Qty.
1A	A12237300A	LABEL, WARNING-POWER	1
1B	*12471400A	TERMINAL, #2 RING	1
1C	*12901800A	BUSHING, CORD W/ NUT .11 - .25	1
1D	*13002300A	BUSHING, CORD W/ NUT .11 - .25	2
1E	*14399900A	HOLE PLUG, PG7	1
1F	*14577900A	HEX NUT, PG7	1
1G	*15048200A	GROUND HARNESS	1
1H	*14467600A	HOLE PLUG, .24/.38 DIA.	1
1J	*14531400A	LABEL, GROUND BSI	1
1K	*14800000A	LABEL, DATA	1
1L	*14801800A	SHIELD, LABEL	1
1M	*14826100A	BRACKET, MOUNTING	1
1N	*14826200A	KEYBOARD ASSEMBLY	1
1P	*14828700A	LABEL, CONTROLLER I/O	1
1Q	*14830600A	LEGEND PLATE, CURSOR	1
1R	*14829300A	ENCLOSURE ASSEMBLY	1
1S	A14829400A	FRONT COVER ASSEMBLY	1
1T	*14829600A	DAMPER PAD, TRANSFORMER	1
1U	D11397100A	LABEL, FCC	1
1V	*14830500A	RUBBER FOOT	1
1W	R02072020	SCREW, 1/4-20 X .38 HEX HEAD STAINLESS STEEL	2
1X	R0511100A	SCREW, M4 X 10 PH PAN HEAD	4
1Y	R0519600A	HEX NUT, M4 W/ LOCKWASHER	5
Add for Scale Option (PTHN-1XXX-XXX)			
2A	*14865200A	PCB ASSEMBLY, MAIN ANALOG LOAD CELL	1
	*14977900A	PCB ASSEMBLY, MAIN DIGITOL LOAD CELL	1
Add for Power Cord			
3A	*14501500A	LINE CORD, NORTH AMERICA	1
	*14503200A	LINE CORD, CONTINENTAL EUROPE	1
	A13894700A	LINE CORD, U.K./IRELAND	1
	*14053000A	LINE CORD, AUSTRALIA	1
	*14202800A	LINE CORD, CHILE (ITALY)	1
Add for Analog Output Interface Option (PTHN-X8XX-XXX)			
4A	*13162500A	CONNECTOR PLUG, 6 POS. ANALOG OUTPUT	1
4B	*14467400A	SPACER, SNAP-IN 5/8"	1
4C	*14829500A	MOUNTING BRACKET	1
4D	*14882700A	PCB ASSEMBLY, ANALOG OUTPUT	1
4E	*14915300A	HARNESS, OPTION	1
4F	R0511100A	SCREW, M4 X 10 PH PAN	4
4G	R0519600A	NUT, HEX M4 W/ LOCKWASHER	2
Add for Modbus Plus Interface Option (PTHN-X5XX-XXX)			
4B	*14467400A	STANDOFF, SNAP-IN 5/8"	1
4C	*14829500A	MOUNTING BRACKET	1
4D	*15165700A	PCB ASSEMBLY, MODBUS PLUS OPTION	1
4E	*14915300A	HARNESS, OPTION	1
4F	R0511100A	SCREW, M4 X 10 PH PAN	4
4G	R0519600A	NUT, HEX M4 W/ LOCKWASHER	2
Add for Allen Bradley Interface Option (PTHN-X6XX-XXX)			
4A	*14217400A	TERMINAL BLOCK, 3 POSITION	1
4B	*14467400A	STANDOFF, SNAP-IN 5/8"	1
4C	*14829500A	MOUNTING BRACKET	1
4D	*15098500A	PCB ASSEMBLY, ALLEN BRADLEY RIO OPTION	1
4E	*14915300A	HARNESS, OPTION	1
4F	R0511100A	SCREW, M4 X 10 PH PAN	4
4G	R0519600A	NUT, HEX M4 W/ LOCKWASHER	2
Add for PROFIBUS Interface Option (PTHN-X9XX-XXX)			
4B	*14467400A	STANDOFF, SNAP-IN 5/8"	1
4C	*14829500A	MOUNTING BRACKET	1
4D	*15166100A	PCB ASSEMBLY, PROFIBUS OPTION	1
4E	*14915300A	HARNESS, OPTION	1
4F	R0511100A	SCREW, M4 X 10 PH PAN	4
4G	R0519600A	NUT, HEX M4 W/ LOCKWASHER	2

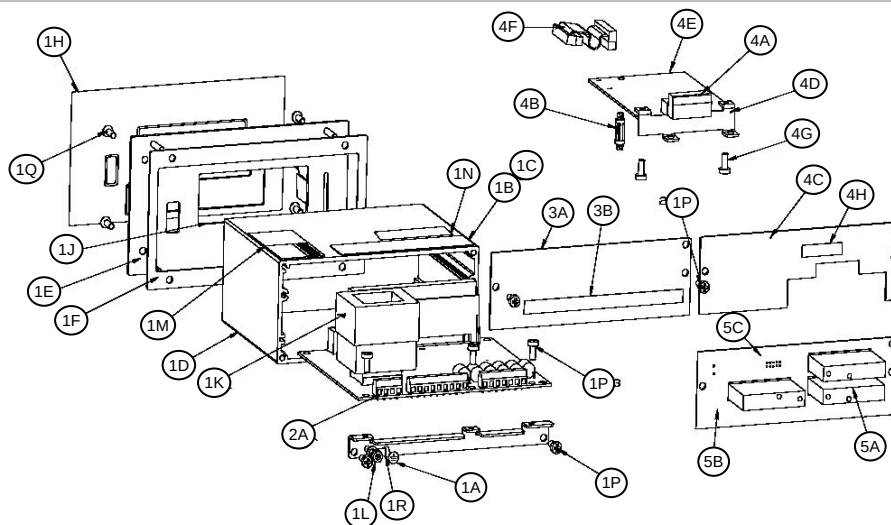


Panther Harsh Environment

* Part number may have an alpha prefix

Panther Panel Mount Enclosure

Ref.	Part Number	Description	Qty
1A	*14531400A	LABEL, GROUND BSI	1
1B	*14800000A	LABEL, DATA	1
1C	*14801800A	LABEL SHIELD	1
1D	*14827100A	ENCLOSURE	1
1E	*14827200A	FRONT PANEL ASSEMBLY	1
1F	*14827300A	GASKET, FRONT PANEL	1
1G	*14827400A	BRACKET, CONTROLLER BOARD	1
1H	*14828300A	KEYBOARD ASSEMBLY (See Note Below)	1
1J	A14829100A	LEGEND PLATE, CURSOR	1
1K	*14829600A	DAMPER PAD, TRANSFORMER	1
1L	R0159600A	NUT, HEX M4 W/ LOCKWASHER	1
1M	A12237300A	LABEL, WARNING POWER	1
1N	D11397100A	LABEL, FCC	1
1P	R0511100A	SCREW, M4 X 10 PH PAN	7
1Q	R0529400A	SCREW, M4 X 10 FL HD POZID.	4
1R	*12471500A	TERMINAL, #8 RING	1
Not Shown	R0510000A	SCREW, M4 X 10 HD. DRILLED	3
Not Shown	R0519600A	NUT, HEX M4 X 10 W/ LOCKWASHER	4
2A	*15201500A	PCB ASSEMBLY, MAIN, ANALOG LOAD CELL (See Note Below)	1
	*14977900A	PCB ASSEMBLY, MAIN, DigiTOL LOAD CELL	1
		Add for Scale Option (PTPN-1XXX-XXX)	
3A	*14827500A	REAR PANEL, BASIC	1
3B	*14828700A	LABEL, CONTROLLER I/O	1
		Add for Analog Option (PTPN-X8XX-XXX)	
3B	*14828700A	LABEL, CONTROLLER I/O	1
4A	*14162500A	CONNECTOR, TERM. BLOCK 6 POS.	1
4B	*14467400A	SPACER, 5/8" SNAP IN	1
4C	*14827600A	REAR PANEL, ANALOG OUTPUT	1
4D	*14829500A	MOUNTING BRACKET	1
4E	*14882700A	PCB ASSEMBLY, ANALOG BOARD	1
4F	*14915300A	HARNESS, OPTION	2
4G	R0511100A	SCREW, M4 X 10 PH PAN HD	1
4H	*14828800A	LABEL, ANALOG OUTPUT	1
		Add For Setpoint Option (PTPN-XX1X-XXX)	
5A	*13636700A	AC RELAY, SOLID STATE	3
5B	*14880500A	PCB ASSEMBLY, SETPOINT	1
5C	*14915400A	HARNESS, SETPOINT	1
		Add for Modbus Plus Interface Option (PTHN-X5XX-XXX)	
4B	*14467400A	STANDOFF, SNAP-IN 5/8"	1
4D	*14829500A	MOUNTING BRACKET	1
4E	*15165700A	PCB ASSEMBLY, MODBUS PLUS OPTION	1
4F	*14915300A	HARNESS, OPTION	1
4G	R0511100A	SCREW, M4 X 10 PH PAN	4
		Add for Allen Bradley Interface Option (PTHN-X6XX-XXX)	
4A	*14217400A	TERMINAL BLOCK, 3 POSITION	1
4B	*14467400A	STANDOFF, SNAP-IN 5/8"	1
4D	*14829500A	MOUNTING BRACKET	1
4E	*15098500A	PCB ASSEMBLY, ALLEN BRADLEY RIO OPTION	1
4F	*14915300A	HARNESS, OPTION	1
4G	R0511100A	SCREW, M4 X 10 PH PAN	4
		Add for PROFIBUS Interface Option (PTHN-X9XX-XXX)	
4B	*14467400A	STANDOFF, SNAP-IN 5/8"	1
4D	*14829500A	MOUNTING BRACKET	1
4E	*15166100A	PCB ASSEMBLY, PROFIBUS OPTION (See Note Below)	1
4F	*14915300A	HARNESS, OPTION	1
4G	R0511100A	SCREW, M4 X 10 PH PAN	4



Panther Panel Mount Enclosure

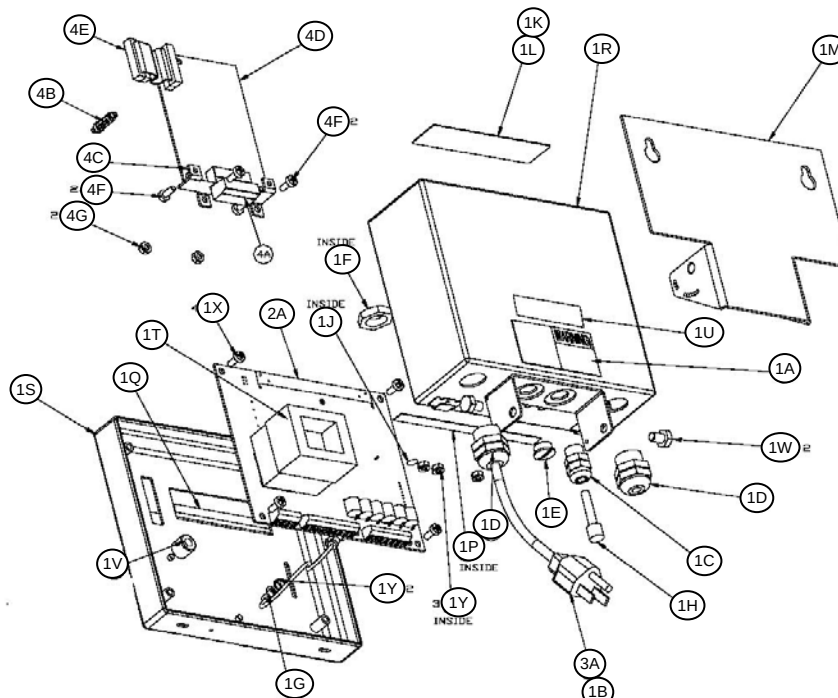
* Part number may have alpha prefix

Note: When replacing these items on a PANTHER terminal that is located in a Division 2 hazardous area, the following part numbers with the minimum of the following revision levels of the part MUST BE USED – later revisions are acceptable but earlier ones are not: Keyboard Assembly E14828300A; Main PCB D15201500.

Model PANTHER PLUS

Panther Plus

Ref.	Part Number	Description	Qty.
1A	*12237300A	LABEL, WARNING-POWER	1
1B	*12471400A	TERMINAL, #2 RING	1
1C	*12901800A	BUSHING, CORD W/ NUT .11 - .25	1
1D	*13002300A	BUSHING, CORD W/ NUT .11 - .25	1
1E	*14399900A	HOLE PLUG, PG7	1
1F	*14577900A	HEX NUT, PG7	1
1G	*15048200A	GROUND HARNESS	1
1H	*14467600A	HOLE PLUG, .24/.38 DIA.	1
1J	*14531400A	LABEL, GROUND BSI	1
1K	*14800000A	LABEL, DATA	1
1L	*14801800A	SHIELD, LABEL	1
1M	*14826100A	BRACKET, MOUNTING	1
1P	*14828700A	LABEL, CONTROLLER I/O	1
1Q	*15530100A	LEGEND PLATE, CURSOR	1
1R	*14829300A	ENCLOSURE ASSEMBLY	1
1S	*15517400A	FRONT COVER/KEYBOARD ASSEMBLY	1
1T	*14829600A	DAMPER PAD, TRANSFORMER	1
1U	*11397100A	LABEL, FCC	1
1V	*14830500A	RUBBER FOOT	1
1W	R02072020	SCREW, 1/4-20 X .38 HEX HEAD STAINLESS STEEL	2
1X	R0511100A	SCREW, M4 X 10 PH PAN HEAD	4
1Y	R0519600A	HEX NUT, M4 W/ LOCKWASHER	4
		Add for Scale Option (PTHK-1XXX-XXX)	
2A	*15493700A	PCB ASSEMBLY, MAIN ANALOG LOAD CELL	1
		Add for Power Cord	
3A	*14962000A	LINE CORD, NORTH AMERICA	1
	*14503200A	LINE CORD, CONTINENTAL EUROPE	1
	*13894700A	LINE CORD, U.K./IRELAND	1
	*14962300A	LINE CORD, AUSTRALIA	1
	*14962400A	LINE CORD, CHILE (ITALY)	1
		Add for Analog Output Interface Option (PTHN-X8XX-XXX)	
4A	*13162500A	CONNECTOR PLUG, 6 POS. ANALOG OUTPUT	1
4B	*14467400A	SPACER, SNAP-IN 5/8"	1
4C	*14829500A	MOUNTING BRACKET	1
4D	*14882700A	PCB ASSEMBLY, ANALOG OUTPUT	1
4E	*14915300A	HARNESS, OPTION	1
4F	R0511100A	SCREW, M4 X 10 PH PAN	4
4G	R0519600A	NUT, HEX M4 W/ LOCKWASHER	2



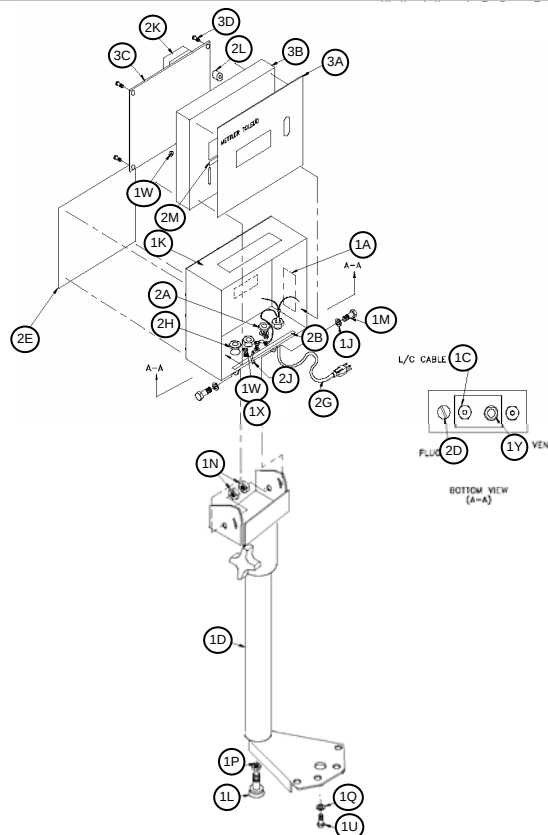
Panther Plus Terminal

* Part number may have an alpha prefix

Model PANTHER PLUS IP69k

Panther Plus IP69k

Ref.	Part Number	Description	Qty.
1A	*15544000A	Label, Shock Warning	1
1C	*12901800A	Bushing, Cord with nut	1
1D	*16530400A	Tower Weldment, Extend (19")	1
	*16530300A	Tower Weldment (14")	
	*14826100A**	Bracket, Wall Mount**	
1J	R0520100A	Washer, Nylon	2
	*16514600A	Enclosure, Back, (IP69K w/External Latches)	
1K	*14829300A	Enclosure, Back, (IP65 w/Internal Clips)	1
1L	*16470800A	Foot, Adjustable	1
1M	82712400A	Screw, M6 x 16	2
1P	82708200A	Nut, Hex, M10	1
1Q	82711000A	Lock Washer, M6 IT SS	4
1U	82712300A	Screw, M6 x 12	4
1W	82708400A	Nut, M4	3
1X	82710800A	Lock washer, M4	3
1Y	*16391100A	Vent, Breather	1
2A	*16689800A	Nut, M12x1.5 Plastic	1
2B	*14828700A	Label, Controller I/O	1
2D	*14724000A	Hole Plug, PG11	1
2E	*15718300A	Logo Label	1
2G	*15625200A	Harness, AC Power, N. America (Yellow)	1
	*15473200A	Harness, AC Power, Australia (Black)	
	*14962200A	Harness, AC Power, Europe (Black)	
	*15549900A	Harness, AC Power, Chile (Black)	
	*15557000A	Harness, AC Power, Africa (Black)	
	*14962100A	Harness, AC Power, UK (Black)	
	*15616700A	Harness, AC Power, Switzerland (Black)	
	*15428400A	Harness, AC Power, Japan (Black)	
	*15428200A	Harness, AC Power, Denmark	
	*15473300A	Harness, AC Power, France	
	*15651300A	Harness, AC Power, Japan (Black)	
2H	*14724100A	Hex Nut, PG11 Nylon	1
2J	*15048200A	Tension Cable	1
2K	*14829600A	Pad, Transformer (IP65 Only)	1
2L	*16497600A	Bumper, 1.0 x .50 Neoprene (IP69K)	2
	*14830500A	Bumper, .44 x .50 Neoprene (IP65)	
2M	*16939400A	Plate, Legend (Lb/Kg)	1
	*16939500A	Plate, Legend (Kg Only)	
3A(1)	*15699900A	Keypad, 6-Key	1
	*15700000A	Keypad, 18-Key Enhanced	
3B(1)	*16514500A	Front Cover, (IP69K w/External Latches)	1
	*14829400A	Front Cover, (IP65 w/Internal Clips)	
3C	*15700400A	PCB Assembly, Main, 6-Key	1
	*15493700A	PCB Assembly, Main, 18-Key Enhanced	
3D	*82715300A	Screw, M4x10	4
1N	R0562500A	Nut, M6	1



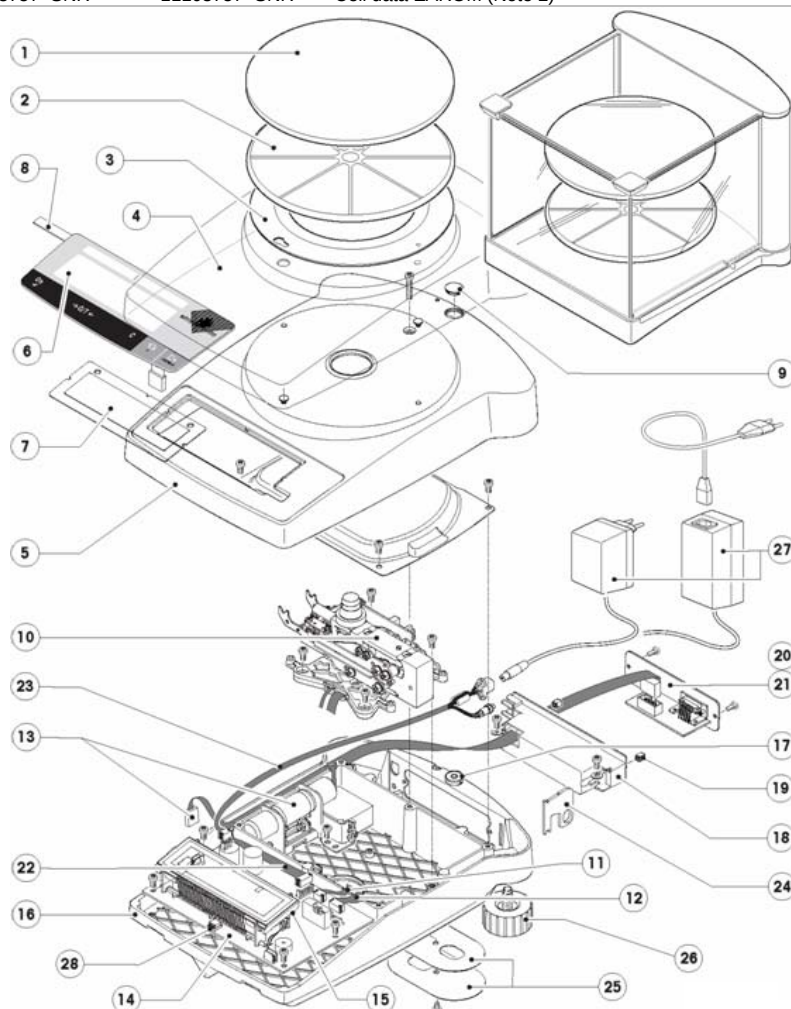
Panther Plus IP69k with Internal Clips

* Part number may have an alpha prefix

Model PB-s

PB-s

Part Number by Models			
PB602-S			
PB1502-S			
PB3002-S			
PB3002-SDR			
Ref.	PB1501-S	PB8000-S	Description
	PB3001-S	PB8001-S PB5001-S	
1	11103280	11103280	Weighing Pan 180mm
2	11103279	11103279	Pan support (weighing pan 180mm)
3	11103568	11103568	Retaining ring (balance without draft shield)
5	11103852	11103852	Top housing, assembled, comprising
	11103859	11103859	For vacuum
6	11103444	11103444	Membrane keypad
7	11103443	11103443	Display glass
9	210374	210374	Level cover
10	11103801	11103802	Measuring cell assembled (Note 1)
	"E"	"A"	Cell data EAROM on balance board
11	11103754	11103754	Cell cable (4-core)
12	11103755	11103755	Detector cable (8-core)
14	11103700	11103700	Balance board
	11103701	11103701	Balance board, backlit
15	224253	224253	Backlighting
16	11103821	11103821	Bottom housing (includes item 17)
17	11101335	11101335	Level
18	11103434	11103434	Connection holder without insert nut
19	11103445	11103445	Insert nut (10 items)
20	11103435	11103435	Blank plate
22	11103751	11103751	RS232 connection cable (10-core)
23	11103758	11103758	Power cable with socket
24	11103433	11103433	Lug for antitheft device
25	11103432	11103432	Cover plate for weighing below balance
26	11101302	11101302	Leveling foot
28	11103757+SNR	11103757+SNR	Cell data EAROM (Note 2)



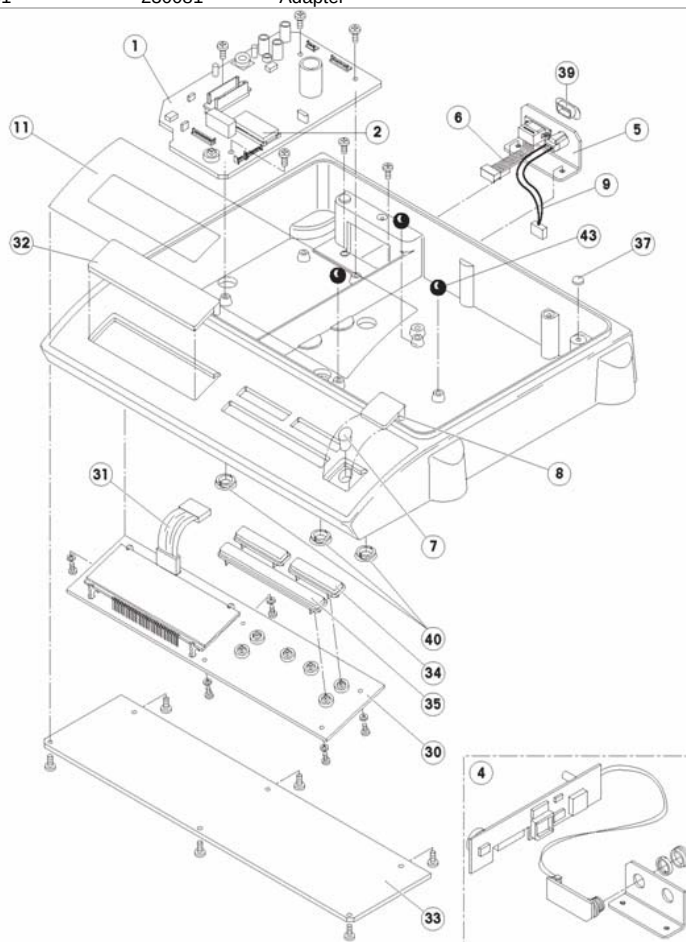
PB-s

Note 1: Mount the appropriate EAROM (Easy or Advanced) for the balance model on the balance board.

Note 2: The order must contain the serial number -SNR of the balance!

SB

Ref.	Part Number by Models		Description
	Conventional Cell	MonoBloc Cell	
1	21901095	21901095	Balance board
2	224017	224017	EPROM (programmed)
	224016	224016	EPROM 32 pin (programmed; without RS232C)
	600150	600150	EPROM 29 Pin (old; programmed, without RS232C)
4	—	—	CAN interface (Note 1)
5	—	21300688	Female connector plate RS232C, assembled (Note 1)
6	—	21301654	RS cable, 9 Pin (Note 1)
7	215063	215063	Level
8	230217	230217	Level glass
9	230065	230065	Power cable, 3 pin (40 mm)
11			Overlays:
	230269	230269	Model SB8000
	230264	230264	Model SB8001
	230265	230265	Model SB12001
	230270	230270	Model SB16000
	230225	230225	Model SB16001
	230272	230272	Model SB16001DR
	230273	230273	Model SB24001DR
	230224	230224	Model SB32001DR
30	230053	230053	Display board
		21301495	Display board with backlighting
31	230054	230054	Display cable
32	230216	230216	Display glass
33	230229	230229	Cover
34	230222	230222	Key, short
35	230223	230223	Key, long
37	72469	72469	Protective bumper, adhesive
39	71906	71906	CAN plug
		11101560	RS dust cover
40	87420	87420	Cover
41	410001	410001	Plastic ball bearing
Not Shown	230081	230081	Adapter



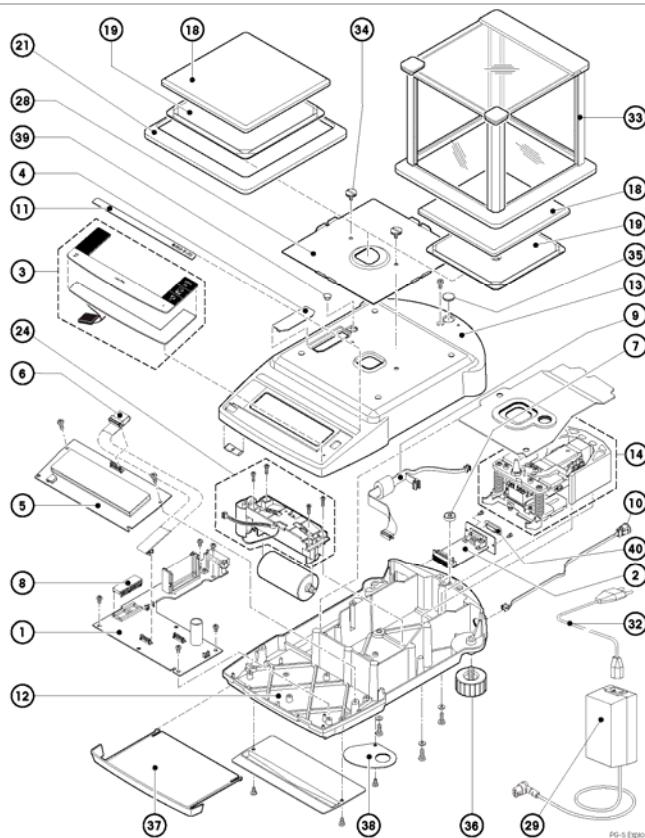
SB

Note 1 on interfaces: Up to spring of 1997 the standard balances/scales were supplied without an interface, but could be fitted with an optional CAN Interface (LC-B universal interface). After spring of 1997 the balances/scales will be equipped in the factory with an RS232C interface. Instead of the RS232C these balances/scales can be optionally fitted with the CAN interface. The RS232C interface can also be installed in older scales, however this requires that the balance/scale board be changed (type of construction after spring 1997).

Model PG-s

PG-s

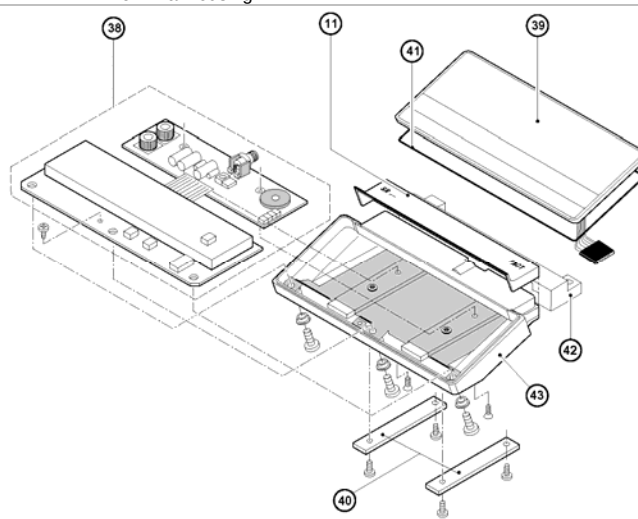
Ref.	Part Number	Description
1	11101500	Balance PCB
2	11101508	R8-Interface
3	11101822	Membrane keypad
4	238300	Cassette cover
5	11101502	Display PCB
6	11101559	Connection cable for display
7	11101335	Level indicator
8	11101850	EPROM (OS+standard)
9	11101555	Connection cable for cell
10	11101558	Connection cable with socket
12	11101305	Housing base
13	11101820	Top housing with item 14
14		Measuring cell (without overload protection)
	225660	Models PG203-S, PG403-S, PG503-S
	225767	Models PG603-S, PG1003-S
	225661	Models PG802-S, PG2002-S
	225662	Models PG3001-S, PG4002-S, PG5002-S
	225631	Model PG6002-S
15		Weighing pan
	225165	Models PG203-S, PG403-S, PG503-S, PG603-S, PG1003-S
	225158	Models PG802-S, PG2002-S, PG3001-S, PG4002-S, PG5002-S
19		Pan support
	225658	Models PG203-S, PG403-S, PG503-S, PG603-S, PG1003-S
	225588	Models PG802-S, PG2002-S, PG3001-S, PG4002-S, PG5002-S
21	225158	Draft shield element for models PG802-S, PG2002-S, PG3001-S, PG4002-S, PG5002-S
24	225050	Calibration drive
28	11101322	Fastening plate
29		Bench power supply
	238621	110V
	238620	230V
32		Power cable
	87452	D
	89405	GB
	88668	USA
	88751	AUS
	89728	SA
	87925	EU (Schuko)
	87920	CH
	87457	I
33		Draft shield (Note 1)
	225269	Models PG203-S, PG403-S, PG503-S, PG603-S, PG1003-S
34	11101329	Knurled screw
35	210374	Level cover
36	11101302	Leveling foot
37	11101325	Slider
38	11101339	Hanger slide
39	238391	Cover
40	11101560	RS-Cover



PG-s

SG

Ref.	Part Number	Description
38	225592	Display Board CAN
39	21200991	Terminal keypad
40	239261	Connecting plate
41	225124	Seal
42	239272	Intermediate piece
43	225121	Terminal housing

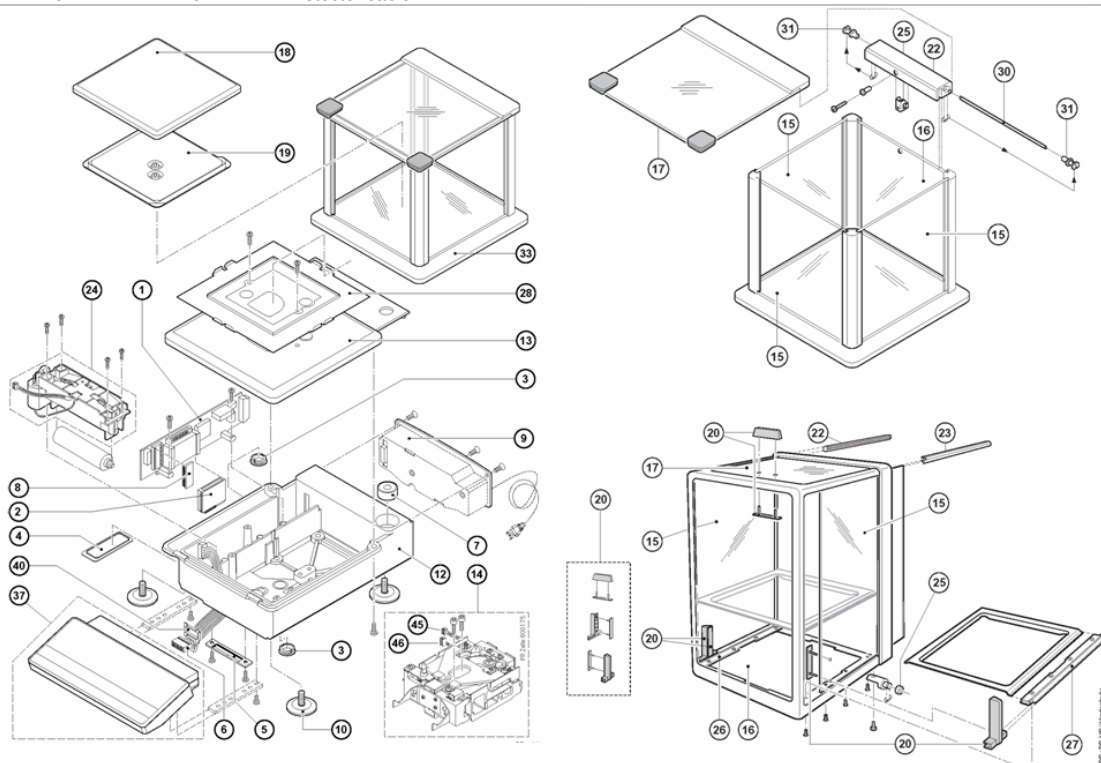


SG

Model PR

PR (conventional measuring cell)

Ref.	Part Number	Description
1	225490	Balance PCB
2		Program cassette-R
	600171	(Key ->O/T<-) Models PR203, PR503, PR503DR, PR803, PR3001, PR5001, PR8000, PR8001
	225397	(Key ->T<-) Models PR203, PR503, PR503DR, PR803, PR2003DR, PR2003, PR3001, PR5001, PR8000, PR8001
3	87420	Hanger/calibration cover
4	225214	Cassette cover
5	225154	Cable protection
6	225156	Terminal cable
7	17104	Level indicator
8		EPROM (with operating system OS)
	600170	Models PR203, PR503, PR503DR, PR3001, PR5001, PR8000, PR8001
	225688	Model PR803, PR2003DR, PR2003
10	225227	Leveling footing
	225289	Leveling footing, Model PR2003 only
12	225168	Bottom housing
13	225157	Top housing
14	600175	Measuring cell, assembled (without calibration)
	225633	Measuring cell, Models PR2003DR, PR2003 only
15	225234	Left/right/front door Draft Shield Low, Models PR503, PR503DR, PR803 PR1203, PR2003DR
	225512	Left/right/front door Draft Shield High, Models PR503, PR503DR, PR803 PR1203, PR2003DR
16	225235	Rear door for Draft shield low, Models PR503, PR503DR, PR803 PR1203, PR2003DR
	225478	Rear door for Draft shield high, Models PR503, PR503DR, PR803 PR1203, PR2003DR
17	225248	Top cover for Draft shield low, Models PR503, PR503DR, PR803 PR1203, PR2003DR
	225511	Top cover for Draft shield high, Models PR503, PR503DR, PR803 PR1203, PR2003DR
18	225165	Weighing pan
	225752	Weighing pan, Model PR2003 only
19	225658	Pan support
20	225488	Door handle set (left, right, top) for Draft shield high
22	225237	Hinged half for Draft shield low, Models PR503, PR503DR, PR803 PR1203PR2003DR
	34303	Guide rail, top left for Draft shield high
23	34304	Guide rail, top right for Draft shield high
24	225050	Calibration drive
25	225240	Support for Draft shield low, Models PR503, PR503DR, PR803 PR1203PR2003DR
	225518	Roller for Draft shield high
26	225506	Guide rail, bottom left
27	225505	Guide rail, bottom right
28	225160	Fastening plate
30	225239	Torsion spring for Draft shield low, Models PR503, PR503DR, PR803 PR1203PR2003DR
31	225241	Retaining bolts for Draft shield low, Models PR503, PR503DR, PR803 PR1203PR2003DR
33	225658	Pan support
37		Terminal-R
	225120	(Key ->O/T<-) PR203, PR503, PR503DR, PR803, PR3001, PR5001, PR8000, PR8001
	225656	(Key ->T<-) Models PR203, PR503, PR503DR, PR803, PR2003DR, PR2003, PR3001, PR5001, PR8000, PR8001
40	225135	Connector cover
45	225139	Coil cable
46	225144	Detector cable

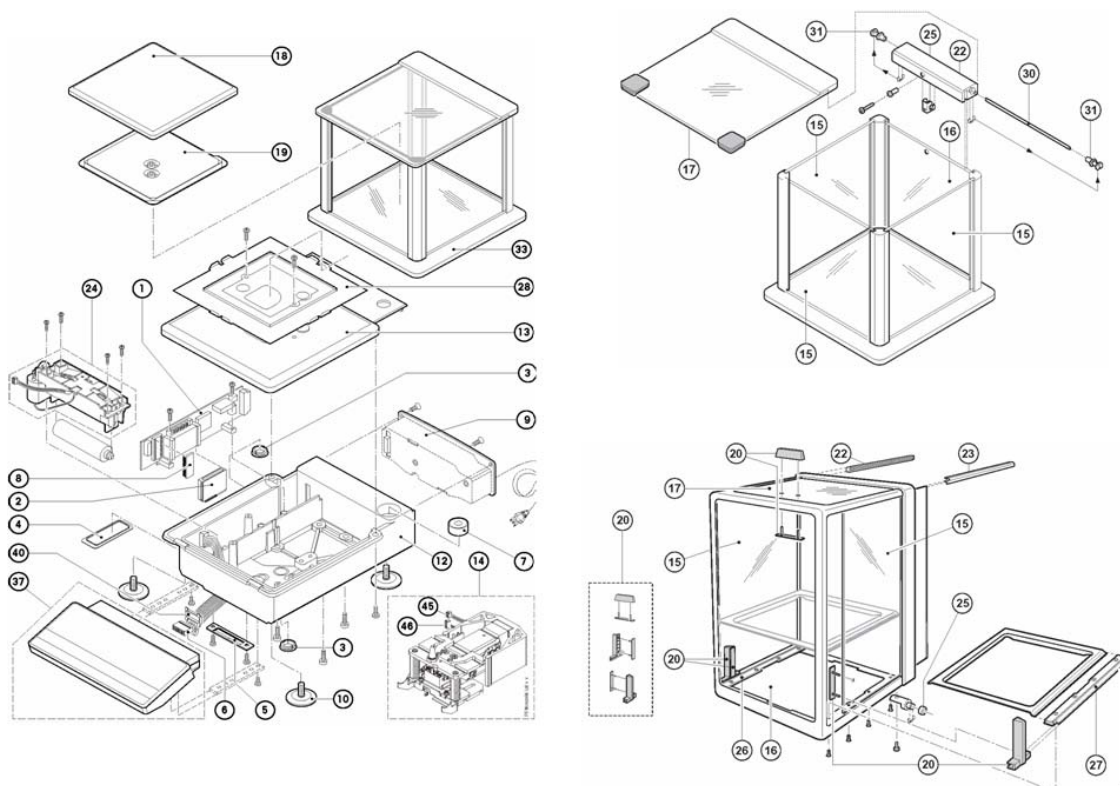


PR (conventional measuring cell)

Note 1: When replacing the old terminal (->O/T<-) against a new one (->T<-) the program cassette (Pos.2) has to be replaced and the operating system EPROM (Pos. 8) to be updated to a version ≥ 1.20 .

PR (monobloc measuring cell)

Ref.	Part Number	Description
1	225490	Balance PCB
2		Program cassette-R
	225397	(Key ->O/T<-)
	225690	(Key ->T<-)
3	87420	Hanger/calibration cover
4	225214	Cassette cover
5	225154	Cable protection
6	225156	Terminal cable
7	17104	Level indicator
8		EPROM (with operating system OS)
	600170	Models PR502, PR802, PR2002, PR5002, PR5002DR
	225688	Models PR8002, PR8002DR
10	225227	Leveling footing
12	225559	Bottom housing
13	225157	Top housing
14		Measuring cell, without overload protection
	225661	Models PR502, PR802, PR2002, PR5002, PR5002DR
	225631	Models PR8002, PR8002DR
15	225234	Left/right/front door Draft Shield Low, Models PR503, PR503DR, PR803 PR1203, PR2003DR
	225512	Left/right/front door Draft Shield High, Models PR503, PR503DR, PR803 PR1203, PR2003DR
16	225235	Rear door for Draft shield low, Models PR503, PR503DR, PR803 PR1203, PR2003DR
	225478	Rear door for Draft shield high, Models PR503, PR503DR, PR803 PR1203, PR2003DR
17	225248	Top cover for Draft shield low, Models PR503, PR503DR, PR803 PR1203, PR2003DR
	225511	Top cover for Draft shield high, Models PR503, PR503DR, PR803 PR1203, PR2003DR
18	225158	Weighing pan
19	225588	Pan support
20	225488	Door handle set (left, right, top) for Draft shield high
21	225159	Draft shield element
22	225237	Hinged half for Draft shield low, Models PR503, PR503DR, PR803 PR1203PR2003DR
	34303	Guide rail, top left for Draft shield high
23	34304	Guide rail, top right for Draft shield high
24	225050	Calibration drive
25	225240	Support for Draft shield low, Models PR503, PR503DR, PR803 PR1203PR2003DR
	225518	Roller for Draft shield high
26	225506	Guide rail, bottom left
27	225505	Guide rail, bottom right
28	225160	Fastening plate
30	225239	Torsion spring for Draft shield low, Models PR503, PR503DR, PR803 PR1203PR2003DR
31	225241	Retaining bolts for Draft shield low, Models PR503, PR503DR, PR803 PR1203PR2003DR
33	225658	Pan support
37	225656	Terminal-R
40	225135	Connector cover
45	225139	Coil cable
46	225144	Detector cable



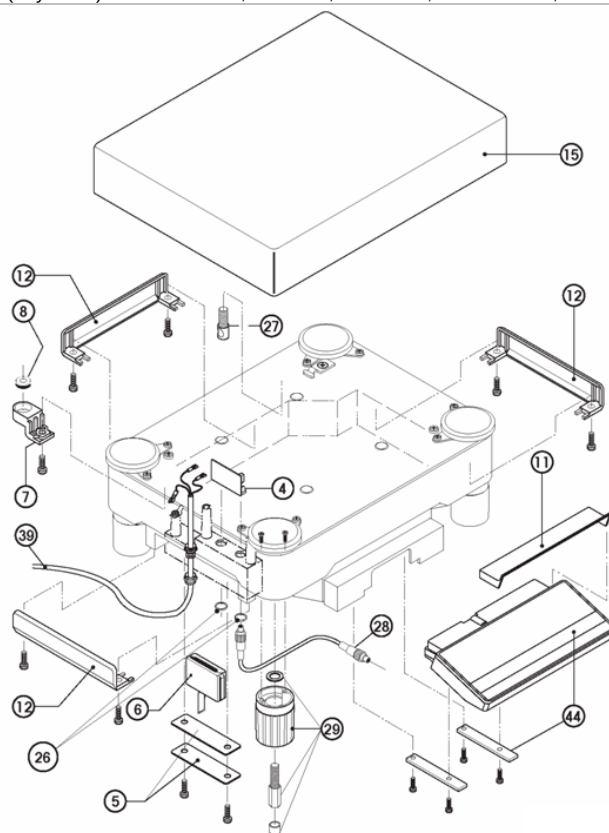
PR (monobloc measuring cell)

Note 1: When replacing the old terminal (->O/T-) against a new one (->T-) the program cassette (Pos.2) has to be replaced and the operating system EPROM (Pos. 8) to be updated to a version >1.20.

Model SR

SR

Ref.	Part Number	Description
4	229360	CAN board
5	21200135	Cassette cover, complete
6		Program cassette-R
	600171	(Key ->O/T<-) Models SR8001, SR16000, SR160001, SR160001DR, SR32000, SR32001 SR32001DR
	225397	(Key ->T<-) Models SR8001, SR16000, SR160001, SR160001DR, SR32000, SR32001 SR32001DR
	225690	Program cassette-G
		Models SR8001, SR16000, SR160001, SR160001DR, SR32000, SR32001 SR32001DR
7	239041	Level support
8	215053	Level
12	239037	Buffer protecting strip
15	239105	Weighing pan
26	225028	Nut (CAN)
27	230163	Antitheft device
28	239259	Platform cable (standard)
29	21200136	Foot, complete (Qty 4)
39		Power cable
	225204	CH
	225270	EU
	225271	I
	225727	DK
	225273	GB
	225274	USA
	225275	AUS
	225276	SA
44		Terminal-SR
	21239273	(Key ->O/T<-) Models SR8001, SR16000, SR160001, SR160001DR, SR32000, SR32001 SR32001DR
	239273	(Key ->T<-) Models SR8001, SR16000, SR160001, SR160001DR, SR32000, SR32001 SR32001DR

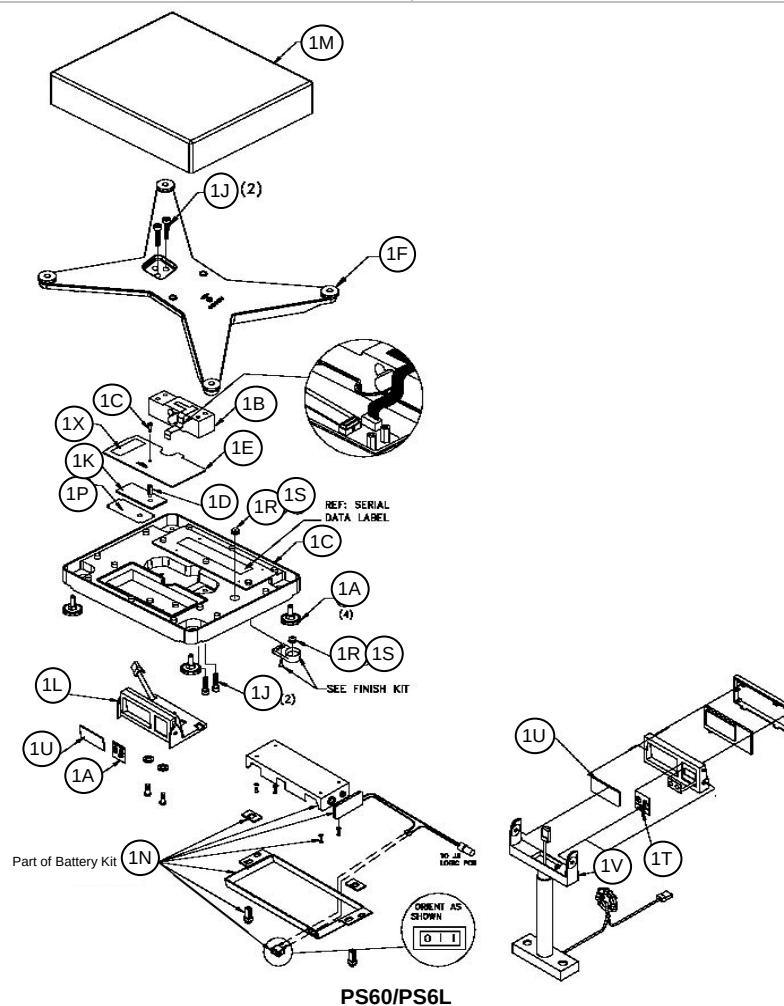


SR

Note 1: When replacing the old terminal (->O/T<-) against a new one (->T<-) the program cassette (Pos.2) has to be replaced and the operating system EPROM (Pos. 8) to be updated to a version ≥ 1.20 .

PS60/PS6L Parcel Scales

Ref.	Part Number	Description	Qty.
1A	*14100500A	Adjustable foot	4
1B	*15302300A	Load cell assembly, Qual, PS60, 300, Plus Multi-purpose	1
	*15828000A	Load cell assembly, Qual., PS60, 2X3000, Plus GEO	1
1C	*15439900A	PS60 Bsa	
1D	*14497000A	M4 x 16mm M/F hex standoff	1
1E	*14544000A	8270 PCB Cover Plate	1
1F	*15809000A	PS60 Spider assembly	1
1G	RO514600A	M4 x 8 Hex drilled screw	1
1H	*14647700A	1.5 x 1.0 Load cell spacer	1
1J	RO517600A	M8 x 30 Soc cap screw	2
1K	*15683100A	Main PCB assembly, PS	4
1L	*14543000A	Base mount indicator assembly, 8270	1
	*14824700A	Remote single indicator assembly	1
1M	*14543200A	Platter assembly, SS 8270	1
	*14543200B	Platter assembly, SS 8270	1
	*15802800A	Plastic platter, DHL	1
	*14819500B	Plastic platter, cool gray	1
	*15083400A	Platter assembly, SS, Open Corner	1
	*15083400B	Platter assembly, SS, Open Corner	1
	*14544500A	D-cell battery assembly, 8270	1
1N	*14591600A	Logic insulator	1
1P	*14813500B	Level without adhesive	1
1R	*146052R	409 Adhesive specifications	Suff.
1S	*14488900A	0270 Overlay	1
1T	*14806600A	Overlay keypad with no logo	1
1U	*14489000A	0270 Lens	1
	*14912300A	PS60 Multi-interval lens	1
	*14912200A	PS60 60kg OIML display lens	1
	*14912400A	PS60 Weight classifier display lens	1
	*14912500A	PS60 NTEP Multi-interval display lens	1
	*15362500A	PS60 Weight classifier display lens	1
	*14917300A	Tower mount display assembly	1
1V	*14455000A	8213 DHL cable	1
Not Shown	*13786200A	Polybag 18" x 18"	1
1W	*142128R	Acrylic foam tape	0.4"
1X	*14275100A	P.B. domestic FCC, label	1



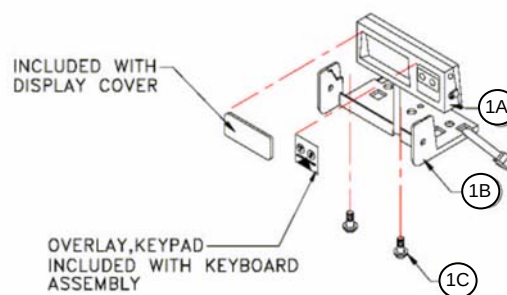
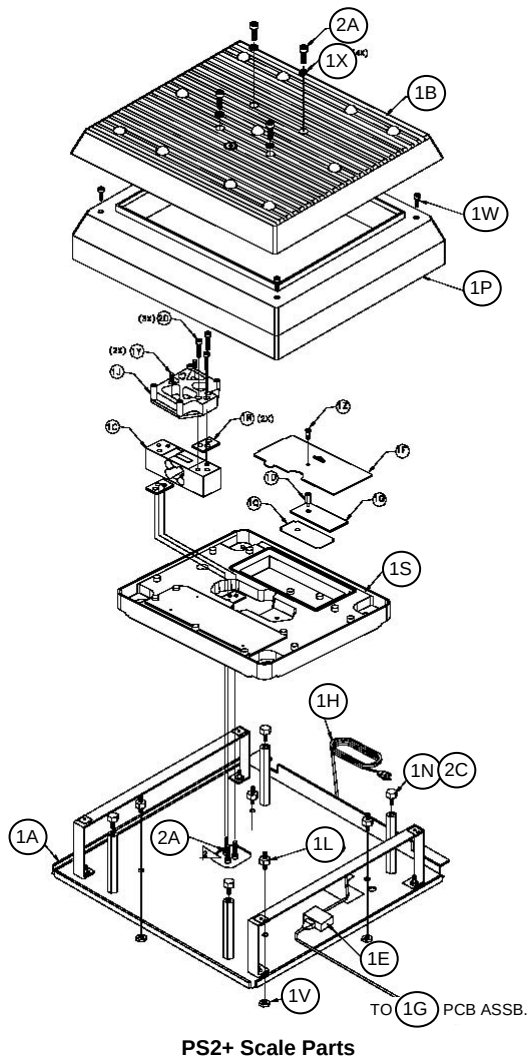
PS60/PS6L

* Part number may have an alpha prefix

Model PS2+

PS2+

Ref.	Part Number	Description	Qty.
1A	*15791400A	Base plate assembly, JN54/PS2+	1
1B	*12814300A	Panroller, top	1
1C	*14082800A	Data plate	1
1D	*14497000A	Standoff, hex, M4, M/F, 16mm, brass	1
1E	—		
1F	*14544000A	Cover plate, B270 PCB	1
1G	H14621600A	PCB assembly, 8270	1
1H	—	Power plug	
1J	*15396700A	Spider, sandcast, JN54	1
1K	—		
1L	*15395000A	Adaptor, male spacer	4
1M	—		
1N	*15395600A	Adaptor, overload stop	4
1P	*15396300A	Plastic skirt, PS2+	1
1Q	*14591600A	Insulator logic 8270	1
1R	*15366000A	Spacer, load cell, 1.5 x 1.25	2
1S	*14647800A	Base, machined, PW200	1
1T	—		
1U	—		
1V	RO365600A	Hex nut, 5/17-18	4
1W	RO369800A	Screw tap, #8 x 5/8	4
1X	RO369900A	Washer, ANSI type A	4
1Y	RO532200A	Screw set, M8 x 30, with nylok	2
1Z	RO514600A	Screw M4-0.7x8 hex drilled	1



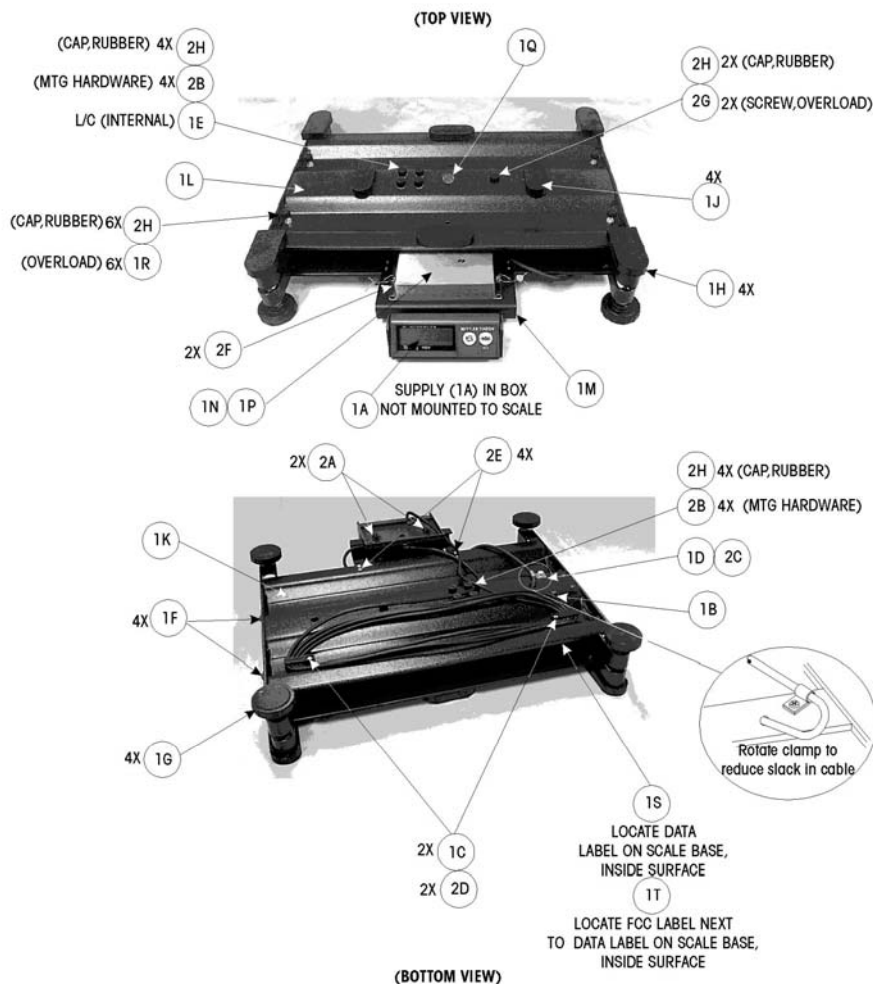
PS Weight Display

Ref.	Part Number	Description	Qty
1A	*15705300B	Display PCB Assembly with Cable	1
1B	*15640800A	Display Base	1
1C	R0550100A	Screw.M4X10. PH. THD. with Washer	2

* Part number may have alpha prefix

PS90 - BASIC

Ref.	Part Number	Description	Qty.
Components			
1A	*135722	Wall Mount, Indicator w/bracket	1
1B	*130414OTC	Cable with Ferrite	1
1C	*118709	Cable retainers	2
1D	*123343	Cable clamp	1
Ref.	*158685R	Software	0
1E	*130367OTC	250kg Loadcell	1
1F	*123394	Protective spacers (red)	4
1G	*125009OTC	Feet	4
1H	*125006OTC	Platter pads Outside (4)	4
1J	*125079OTC	Platter pads Inside (4)	4
1K	*130360	Scale Base	1
1L	*125862	Platter support	1
1M	*129121	Indicator mounting plate	1
1N	*130363OTC	PCB Assembly --- (INCLUDES DB9 With HEX POST)	1
1P	*130361OTC	Enclosure PCB	1
1Q	*134337	Level Bubble	1
1R	*102504OTC	Overload Stops (SCREW / NUT)	6
1S	*124490/125979	Data Label	1
1T	*120154	FCC Label	1
Not Shown	*129130OTC	Auto Sensing Power Supply 100 to 250 VAC IN/9Vdc - 12Vdc, 200ma min OUT	1
Not Shown	*130415OTC	RS232 Cable	1
Hardware			
2A	*113244OTC	Twist Mount	2
2B	*102504OTC	L/C hardware (SCREW / WSR)	8
2C	*113256	Screw socket head (Cable Clamp mtg.)	1
2D	*112717	Screw M5 (Cable retainer)	2
2E	*136403	Screws, (bracket mounting)	4
2F	*132164	Sealing Screws	2
2G	*119778	Screw, Overload	2
2H	*127181	Cap, Overload Screw	16



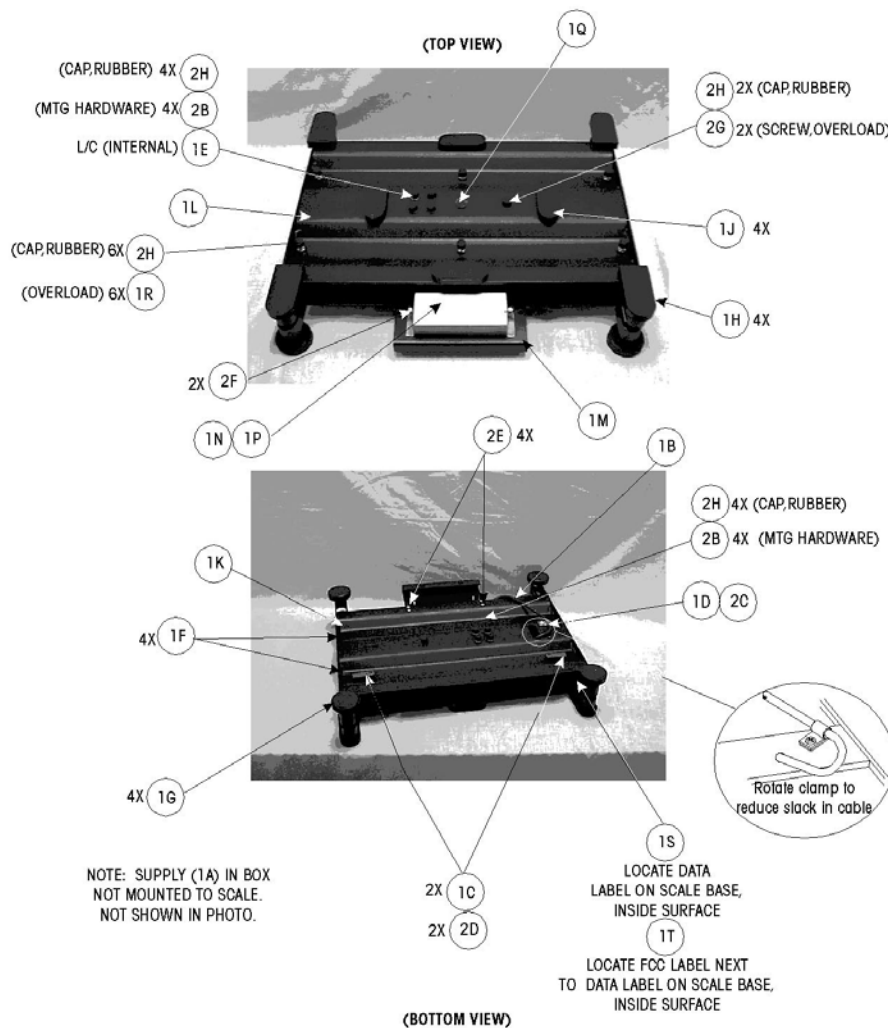
PS90 - Basic

* Part number may have alpha prefix

Model P90 UPS

PS90 - UPS

Ref.	Part Number	Description	Qty.
Components			
1A	*135722	Wall Mount, Indicator w/bracket	1
1B	*130414OTC	Cable with Ferrite	1
1C	*118709	Cable retainers	2
1D	*123343	Cable clamp	1
Ref.	*158685R	Software	0
1E	*130367	100kg Loadcell	1
1F	*123394	Protective spacers (red)	4
1G	*125009OTC	Feet	4
1H	*125006OTC	Platter pads Outside (4)	4
1J	*125079OTC	Platter pads Inside (4)	4
1K	*130360	Scale Base	1
1L	*125862	Platter support	1
1M	*129121	Indicator mounting plate	1
1N	*130363OTC	PCB Assembly --- (INCLUDES DB9 With HEX POST)	1
1P	*130361OTC	Enclosure PCB	1
1Q	*134337	Level Bubble	1
1R	*102504OTC	Overload Stops (SCREW / NUT)	6
1S	*124490/125979	Data Label	1
1T	*120154	FCC Label	1
Not Shown	*129130OTC	Auto Sensing Power Supply 100 to 250 VAC IN/9Vdc - 12Vdc, 200ma min OUT	1
Not Shown	*130415OTC	RS232 Cable	1
Hardware			
2A	*113244OTC	Twist Mount	2
2B	*102504OTC	L/C hardware (SCREW / WSR)	8
2C	*113256	Screw socket head (Cable Clamp mtg.)	1
2D	*112717	Screw M5 (Cable retainer)	2
2E	*136403	Screws, (bracket mounting)	4
2F	*132164	Sealing Screws	2
2G	*119778	Screw, Overload	2
2H	*127181	Cap, Overload Screw	16

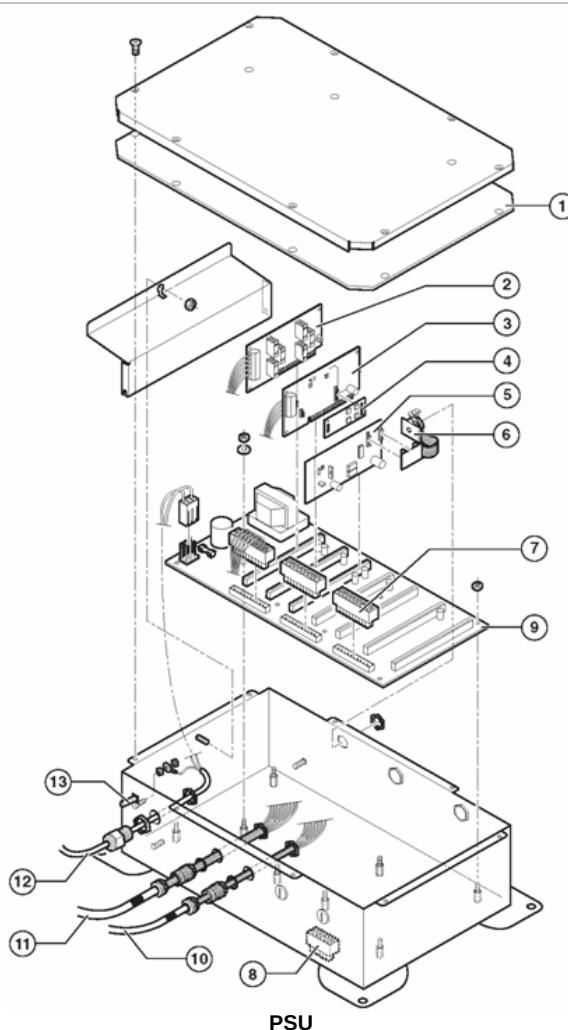


PS90 - UPS

* Part number may have alpha prefix

PSU

Ref.	Part Number	Description
1	22 006 553	PSU/... cover seal
2	22 008 416	ID.sx-Ex PSU/... slotcard
3	22 006 556	Viper-Ex (SW) PSU/... slotcard
	22 007 862	TBrick-Ex PSU/... slotcard
	22 007 863	AWU-Ex PSU/... slotcard
4	22 007 864	Dataconversion PSU/... module
5	22 006 555	Interface PSU/... slotcard
6	00 505 536	Interface RS232-IOD
	00 505 540	Interface CL20mA-IOD
7	22 006 558	Spring-force plug set, 10-pin, 10 pcs
8	22 008 506	Spring-force plug set, 6-pin, 10 pcs.
9	22 006 554	Mainboard PSU/.
10	22 006 557	Connection cable Ex-i, 9-wire, 10 m, PSU – ViperEx or PSU – K...x/D...x
11	22 008 417	Connection cable Ex-i, 18-wire, 10 m, PSU – ID7sx
12		Mains cable with plug
	00 507 961	Euro
	00 507 962	GB
	00 507 963	USA
	00 507 964	CH
	00 507 965	DK
	22 001 095	ZA
	22 001 096	AUS
13	00 504 664	Mantle terminal



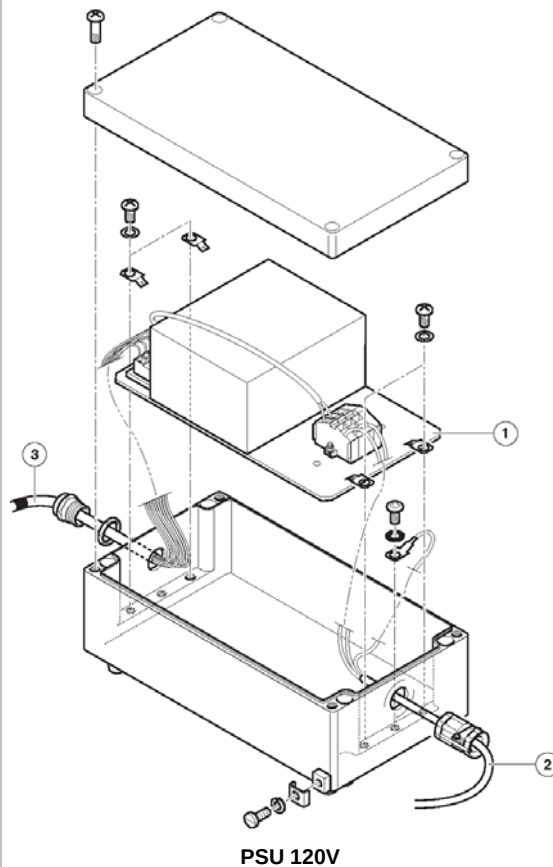
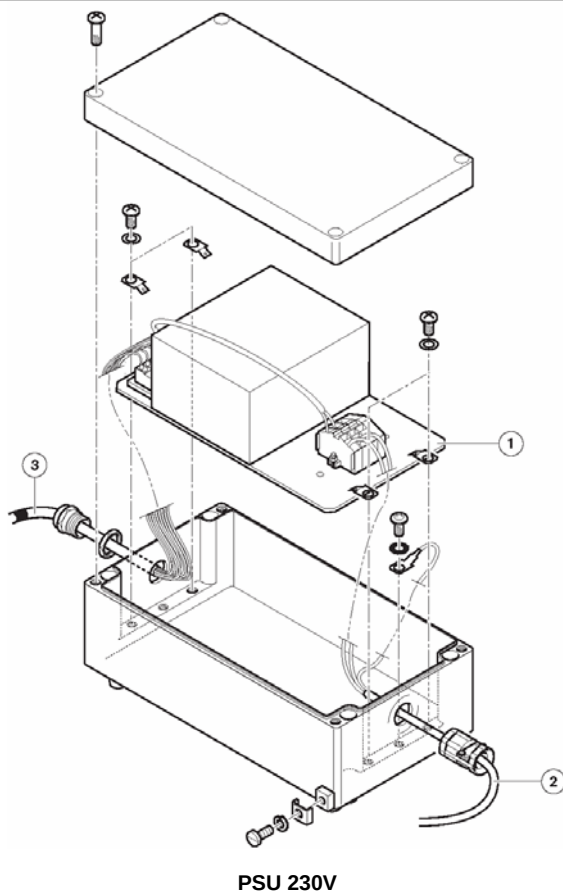
PSU

* Part number may have an alpha prefix

Model PSU

PSU 230V

Ref.	Part Number	Description
1	22 003 956	PSUx PCB / 230 V
2	22 006 509	PSUx mains cable, open cable ends
3	22 006 510	Connection cable Ex-i, 9-wire, 5 m



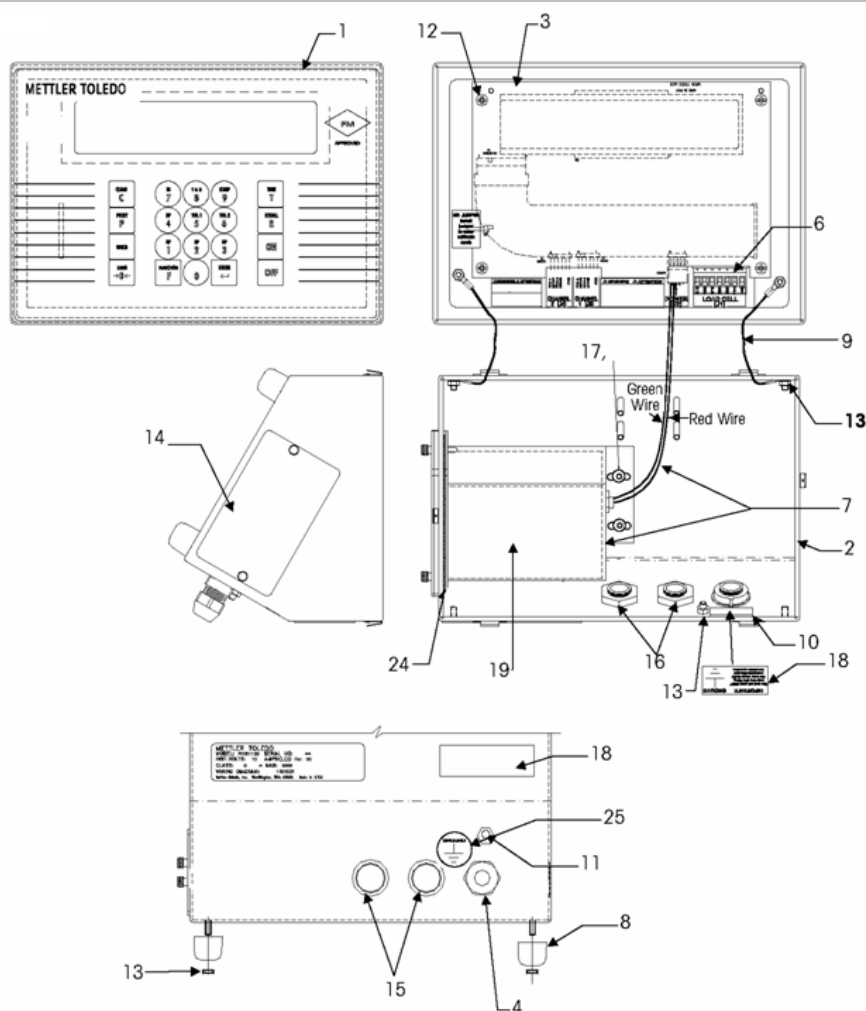
PSU 120V

Ref.	Part Number	Description
1	22 003 958	PSUx PCB / 120 V
2	22 006 510	Connection cable Ex-i, 9-wire, 5 m

* Part number may have an alpha prefix

PUMA with Internal Battery

Ref.	Part Number	Description	Qty.
1	*14987300A	Front cover assembly (USA and Canada) includes front cover, overlay and keyboard	1
2	*14722800A	Enclosure, base	1
3	*15843800A	PCB, with EPROM (replaces E15136100A)	1
4	*13002300A	Grip bushing, .230-.394 with nut	1
6	*14860800A	Connector, terminal/plug (load cell)	1
7	*14729500A	Harness assembly, power with enclosure	1
8	*14882000A	Mounting feet neoprene	4
9	*14467500A	Tension cable	2
10	R0512000A	Screw, M4 x 6	1
11	*15116000A	Ground lug	1
12	R0511100A	Screw, M4 x 10	4
13	R0519600A	Nut, Nylon	11
14	*14722900A	Cover, battery housing w/gasket	1
15	*14724400A	Plug cover, nylon	11
16	*14724500A	Nut, nylon for plug cover	2
17	R0281400A	Flat washer #8	2
18	*14876000A	Label, identification (multiple part)	1
19	*14730000A	Battery, intrinsic safe 12v 1.2 AH	1
21	*14723000A	Battery enclosure	1
Not shown	*12635700A	Ferrite, toriod	1
24	*15007300A	Gasket, battery opening	1
25	*14531400A	Label, safety ground	1
Not shown	*14896700A	Wall mount bracket	2



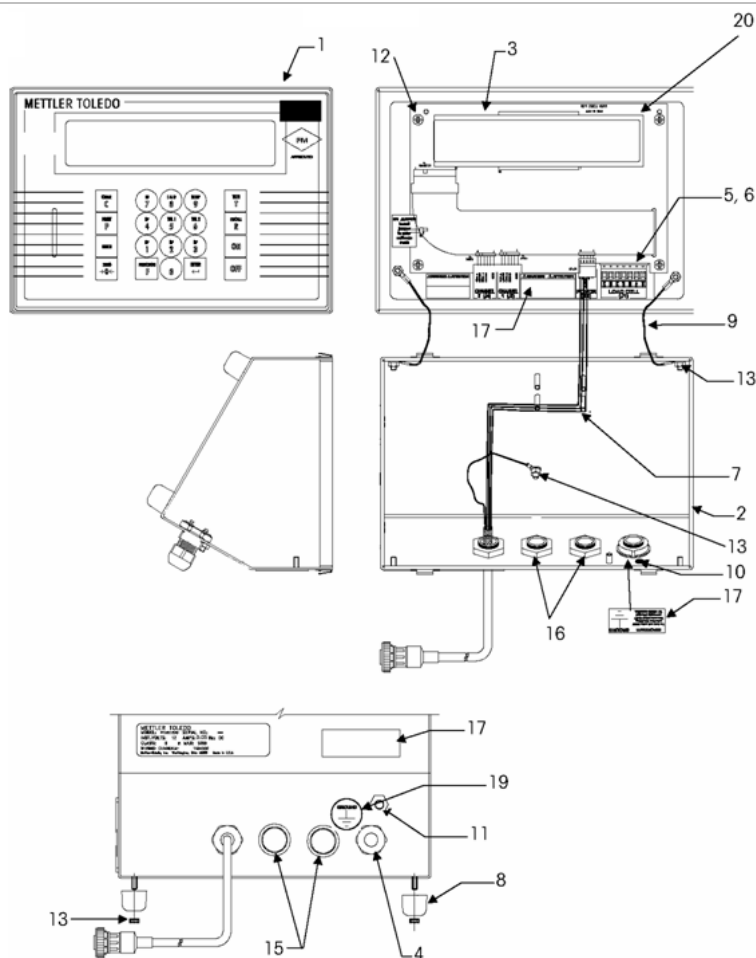
PUMA with Internal Battery

* Part number may have an alpha prefix

Model PUMA

PUMA with External Power Supply

Ref.	Part Number	Description	Qty.
1	*14987300A	Front cover assembly (USA and Canada) includes front cover, overlay and keyboard	1
2	*15111800A	Enclosure, base	1
3	*15843800A	PCB, with EPROM (replaces E15136100A)	1
4	*13002300A	Grip bushing, .230-.394 with nut	1
Not shown	*12635700A	Ferrite, toroid	1
6	*14860800A	Connector, terminal/plug (load cell)	1
7	*15116100A	Harness assembly, power with enclosure	1
8	*14882000A	Mounting feet neoprene	4
9	*14467500A	Tension cable	2
10	R0512000A	Screw, M4 x 6	1
11	*15116000A	Ground lug	1
12	R0511100A	Screw, M4 x 10	4
13	R0519600A	Nut, Hex M4 KEPS	11
15	*14724400A	Plug cover, nylon	11
16	*14724500A	Nut, nylon for plug cover	2
17	*14876000A	Label, identification (multiple part)	2
19	*14531400A	Label, safety ground	1
Not shown	*14896700A	Wall mount bracket	2



PUMA with External Power Supply

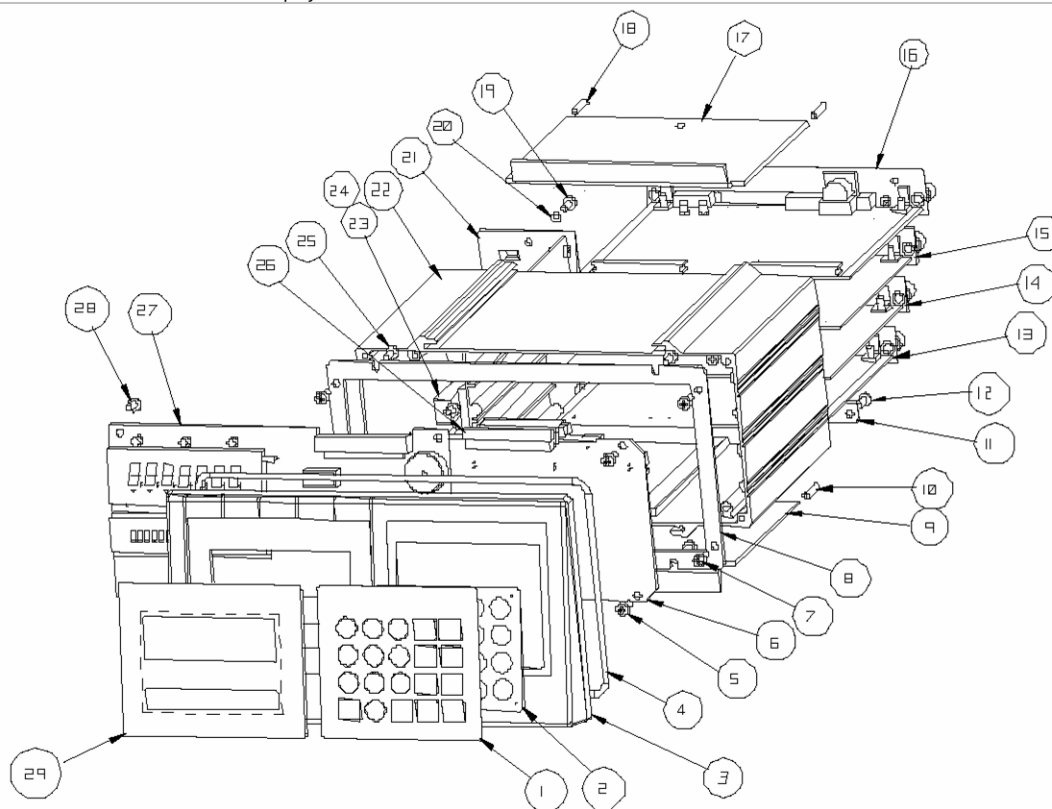
PUMA Accessories

Part Number	Description	Factory Number
*90263800A	Fiber optic data I/O kit (includes harness)	0961-0090
*90227500A	Fiber optic data I/O harness	—
*90030700A	Fiber optic converter (USA) 115 VAC, 60 Hz	0964-0043
*90165600A	Fiber optic converter (UK) 230 VAC, 50 Hz	0964-0058
*90165700A	Fiber optic converter (Europe/China) 230 VAC, 50 Hz	0964-0059
*90165800A	Fiber optic converter (Australia) No power supply	0964-0060
*13774500A	Intrinsically safe power supply (USA) 115 VAC, 60 Hz	0919-0044
*90196400A	Intrinsically safe power supply (Export) 230 VAC, 50 Hz	0964-0071
*15116100B	External power cable 50 ft. (15.2 meters) (7AH battery and AC supply only)	0960-0190-050
*15116100C	External power cable 100 ft. (30.5 meters) (7AH battery and AC supply only)	0960-0190-100
*15116100D	External power cable 150 ft. (45.7 meters) (7AH battery and AC supply only)	0960-0190-150
*15356400A	Column mount KOP (for Bench/Portable 2 and 4 boot columns)	0917-0265
88-470001	Column mount KOP Masstron single boot columns	—
*15509900A	Fiber optic discrete input push button kit (includes 0961-0090 kit)	0917-0272

* Part number may have an alpha prefix

QiIMPACT – Panel Mount

Ref.	Part Number	Description	Qty.
1 and 2	*14538600A	Keyboard Assembly	1
3	*14162800A	Front Panel 1	1
4	*14016100A	Seal, Panel O-Ring 1	1
5	R0511100A	Screw, M4 x 10 Tapitite 4	4
6	*14146200A	Connector (mother) PCB 1	1
7	R051100A	Screw, M4 x 10 Tapitite 4	4
8	*14014100A	Plate, Interface 1	1
9	*14015200A	Clamp Bracket 1	1
10	R0511300A	Screw, Set M4 x 20 2	2
11	*14015800A	Rear Cover Plate, Bottom 1	1
12	R0511100A	Screw, M4 10 Tapitite 4	4
13	**	Slot 3 (See Optional Panels Table below)	1
14	**	Slot 2 (See Optional Panels Table below)	1
15	**	Slot 1 (See Optional Panels Table below)	1
16	*15740100A	Controller PCB Assembly 1	1
17	*14015200A	Bracket Clamp 1	1
18	R0511300A	Screw, Set M4 x 20 2	2
19	R0511100A	Screw, M4 x 10 Tapitite 3	3
20	R00589130	Lock washer, #8 Int. Tooth 2	2
21	*14163600A	Power Supply Assembly 1	1
22	*14546400A	Indicator Chassis 1	1
23	*14901700A	Capacity Label 1	1
24	*14548600A	Battery 4.5 Volt 1	1
25	R0511100A	Screw, M4 x 10 Tapitite 4	4
26	*14015900A	Harness 1	1
27	*14091800A	Display PCB 1	1
28	R0511100A	Screw, M4 x 10 Tapitite 4	4
29	*16302100A	Display Lens 1	1



QiIMPACT Panel Mount

* Part number may have an alpha prefix

** Includes all parts listed above as an assembly

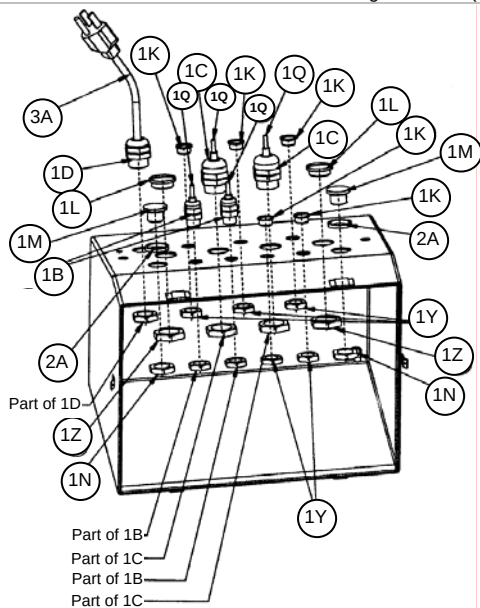
QiIMPACT – Optional Panels

Slot #	Description
Slot 1	POWERCELL PCB Panel Assembly Dual Analog Load Cell PCB Assembly Reduced Exc. Dual Analog Load Cell PCB Panel Assb.
Slot 2	Blank Panel Assembly Reduced Excitation Analog PCB Panel Assembly Reduced Excitation Dual Analog Load Cell PCB Assembly
Slot 3	Multifunction PCB Panel Assembly Dual Analog Out PCB Panel Assembly
	Multifunction PCB Panel Assembly High Precision PCB Panel Assembly Flow Meter PCB Assembly Multifunction PCB Panel Assembly High Precision PCB Panel Assembly Flow Meter PCB Assembly ControlNet PCB Panel Assembly Flow Meter PCB Assembly

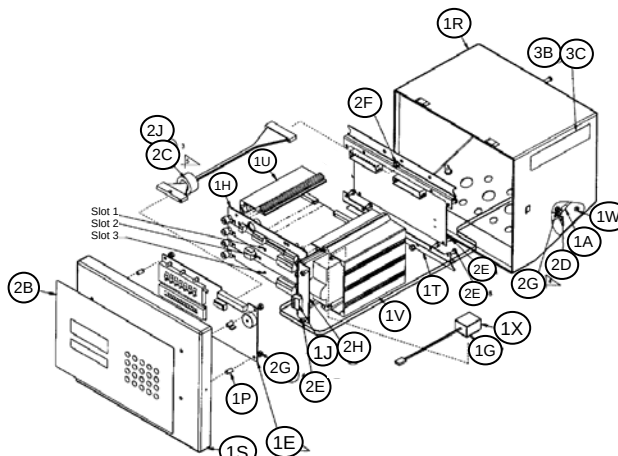
Model QiMPACT

OiMPACT – Harsh Environment

Ref.	Part Number	Description	Qty.
1B	*12901800A	Conn. Cord w/ Lock nut (0.118-0.255)	2
1C	*12903900A	Conn. Cord w/ Lock nut (0.240-0.470)	2
1E	*14091800A	PCB Assembly, VF Display	2
1F	*14146200A	PCB Assembly, Connector	1
1H	*15740100A	Controller PCB	1
1J	*14636400A	Conn. Term. Plug	1
1K	*14399900A	Hole Plug (PG7)	5
1L	*14400100A	Hole Plug (PG13.5)	2
1M	*14400200A	Hole Plug, 18 mm	2
1N	*14400300A	Hex Nut, PG9	2
1P	*14465900A	Spacer, RD, M4	4
1Q	*14467600A	Hole Plug (.24/.38 Diameter)	4
1R	*14519800A	Enclosure Assembly (Bottom)	1
1S	*14519900A	Enclosure Assembly (Top)	1
1T	*14520200A	Bracket, Mounting	2
1U	*14520600A	Card Guide (Left)	1
1V	*14528600A	Card Guide (Right)	1
1W	*14531400A	Label, Ground BSI	1
1X	*14548600A	Battery, Alkaline, 4.5 V	1
1Y	*14577900A	Hex Nut, PG7	5
1Z	*14578000A	Hex Nut PG 13.5	2
2A	*14578300A	Gasket, Grip	2
2B	*16380100A	Assembly Keyboard/SW (JTHx)	1
2C	*14636500A	Harness, Display	1
2D	R00589130	Washer #8 I.T. Lock	1
2E	R0511100A	Screw, Pan HD M4x10, PH, Taptite	14
2F	R0519200A	Nut, Hex KEPS, M5	3
2G	R0519600A	Nut, Hex KEPS M4	5
2H	*14130400A	Power Supply	1
2J	*09827100A	Cable Tie	2
3A		Line Cord	
3B	*14800000A	Label, Data, Blank (no available for re-order)	1
3C	*14801800A	Shield, Data Label	2
3D	*13971000A	FCC Label	1
3E	*14724100A	Nut, PG11	1
	**	Slot 1 (See Optional Panels Table below)	1
	**	Slot 2 (See Optional Panels Table below)	1
	**	Slot 3 (See Optional Panels Table below)	1
Not Shown	*14520400A	Wall Mounting Bracket	2
Not Shown	R0520600A	Wall Mounting Hardware (SS "Hex Head" screw M6 8)	4



QiIMPACT Harsh Bottom View



QiIMPACT Harsh Environment Top/Front View

* Part number may have an alpha prefix

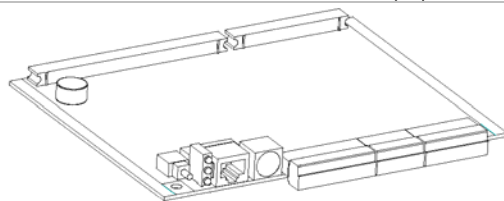
** Includes all parts listed above as an assembly

QiIMPACT – Optional Panels

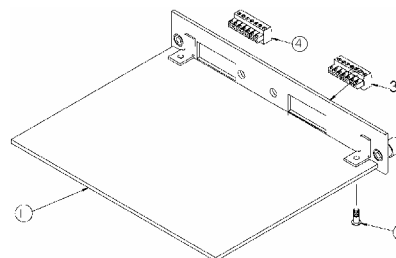
Slot #	Description
Slot 1	POWERCELL PCB Panel Assembly Dual Analog Load Cell PCB Assembly Reduced Exc. Dual Analog Load Cell PCB Panel Assb.
Slot 2	Multifunction PCB Panel Assembly High Precision PCB Panel Assembly Flow Meter PCB Assembly
Slot 3	Blank Panel Assembly Reduced Excitation Analog PCB Panel Assembly Reduced Excitation Dual Analog Load Cell PCB Assembly
	Multifunction PCB Panel Assembly High Precision PCB Panel Assembly Flow Meter PCB Assembly
	ControlNet PCB Panel Assembly Flow Meter PCB Assembly

QiIMPACT – Controller PCB

Ref.	Part Number	Description	Qty.
1	xxxxxx00A	Controller PCB, Latest Revision Operating Software	1
2	*14113300A	Connector, 8 Position Terminal Block	1
3	*14113100A	Connector, 6 Position Terminal Block	1
4	*14113400A	Connector, 10 Position Terminal Block	1
5	*15740200A	I/O Plate Assembly, Controller	1
6	R0511100A	Screw, M4 x 10 Tapitite	2
1**	*15740100A	Controller PCB (w/ parts Ref #2-6)	1



QiIMPACT – Controller PCB



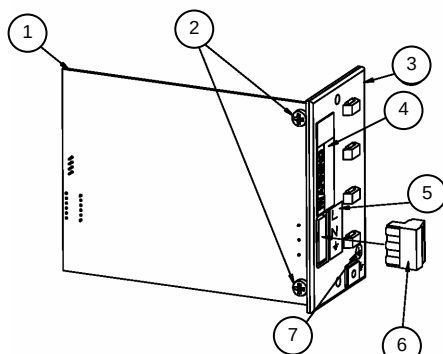
QiIMPACT – Dual Analog Load Cell PCB

QiIMPACT – Dual Analog Load Cell PCB

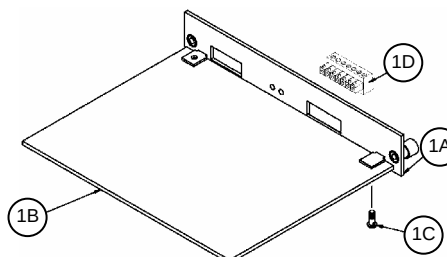
Ref.	Part Number	Description	Qty.
1	*15290700A	PCB Assembly, Dual Analog Load Cell, JAGXTREME (w/o Ref # 2-7)	1
	*15360100A	PCB Assembly, Reduced Excitation Dual Analog PCB (w/o Ref # 2-7)	
2	R0511100A	Screw, M4 x 10 Tapitite	2
3	*14517500A	I/O Plate Assembly, Analog L/C	1
	*15360700A	I/O Plate Assembly, Reduced Excitation Analog L/C	
4	11924100A	Connector, 7 Position Terminal Block	2
5**	*14517700A	I/O Assembly, Dual Analog PCB Assembly, Non-hazardous	1
	*15360300A	I/O Assembly, Dual Analog PCB Assembly, Reduced Excitation	

QiIMPACT – Power Supply Assembly

Ref.	Part Number	Description	Qty.
1	*14200200A	Power Supply PCB	1
2	R0511100A	Screw, M4 x 10 Tapitite	2
3	*14015100A	Panel Assembly, Power Supply (Panel Mount)	1
	*14520300A	Bracket, Power Supply (Harsh Environment)	1
	*14399500A	Panel, Power Supply (Desk/Wall)	1
4	*12699700A	Label, Warning – Power	1
5	*14400500A	Label, AC Power In	1
6	*14636400A	Connector, 3 Position Terminal Block	1
7	*14531400A	Label, Ground, BSI	1
**	*14163600A	Power Supply PCB Assembly, Panel/Blind	1
**	*14399600A	Power Supply PCB Assembly, Desk/Wall	1
**	*14130400A	Power Supply PCB Assembly, Harsh	1



QiIMPACT – Power Supply



QiIMPACT – PowerCell PCB

QiIMPACT – PowerCell PCB

Ref.	Part Number	Description	Qty.
1A	*14546100A	POWERCELL Assembly I/O Plate	1
1B	*14092600A	POWERCELL PCB Assembly	1
1C	R0511100A	Screw, M4 x 10, ST PHD	2
1D	*14113300A	Connector, 8 Pos. Terminal Block	1
Not Shown	0917-0240	External Power Supply (for applications with more than 14 cells per POWERCELL PCB)	1
**	*14749600A		
	*14546200A	POWERCELL PCB Assembly	1

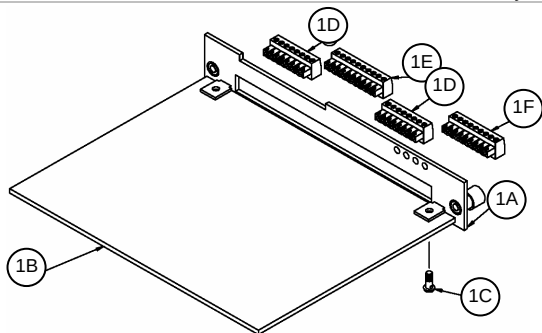
* Part number may have an alpha prefix

** Includes all parts listed above as an assembly

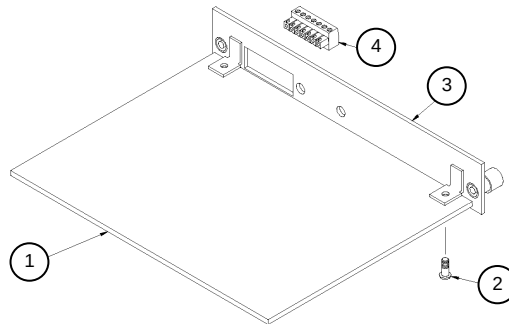
Model QiMPACT

QiMPACT – Multifunction PCB

Ref.	Part Number	Description	Qty.
1A	*14164900A	Multifunction I/O Plate	1
1B	*14094200A	Multifunction PCB Assembly	1
1C	R0511100A	Screw, M4 x 10 Taprite	2
1D	*14113300A	Connector, 8 Pos. Terminal Block	2
1E	*14113400A	Connector, 10 Pos. Terminal Block	1
1F	*14405300A	Connector, 9 Pos. Terminal Block	1
**	*14164000A	Multifunction PCB Assembly	1



QiMPACT – Multifunction PCB



QiMPACT – High Precisions (IDNET) PCB

QiMPACT – High Precisions (IDNET) PCB

Ref.	Part Number	Description	Qty.
1	*14714800A	High Precision (IDNET) I/F PCB	1
2	R0511100A	Screw, M4 x 10 Taprite	2
3	*14547300A	I/O Plate Assembly, High Precision	1
4	*14113200A	Connector, 7 Position Terminal Block	1
**	*14547500A	High Precision (IDNET) PCB Assembly	1

QiMPACT – Flow Meter Card

Ref.	Part Number	Description	Qty.
1	*16293100A	I/O Plate, Flow Meter I/F	1
2	*16279500A	PCB Assembly, Flow Meter I/F	1
3	R0511100A	Screw, M4 x 10 Taprite	2
4	*14113100A	Connector, 6-position terminal block	3
**	*16279800A	Flow Meter PCB/Panel Assembly	1

QiMPACT – ControlNet Card

Ref.	Part Number	Description	Qty.
1	*16280200A	ControlNet I/O Plate	1
2	*16119600A	ControlNet PCB Assembly	1
3	R0511100A	Screw, M4 x 10 Taprite	2
4	*16280100A	ControlNet PCB/Panel Assembly	1

QiMPACT – Optional Accessories

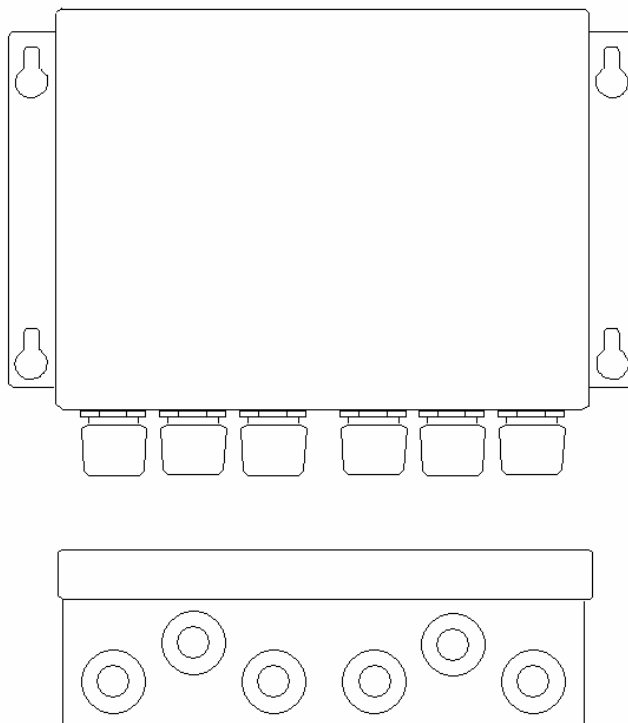
Part Number	Description	Factory Numbers
*10086500A	Analog Load Cell Simulator (10-step)	
	Analog Load Cell Simulator (variable)	
	METTLER TOLEDO Screw Driver	0917-0178
	2mm Allen Wrench For JTPA Models	—
	RS-232/20 mA Converter	0964-0065
	Multifunction Kit	0917-0223
	POWERCELL Kit	0917-0242
	High Precision (IDNET) Kit	0917-0244
	High Precision Cable Adapter	0900-0284
	External Power Supply	0917-0240
	QWERTY Keyboard	0917-0274
	JagBASIC Programmer's Kit	0917-0230
	NMOS POWERCELL Aux Power Supply 100/110/120 VAC	0917-0168
	NMOS POWERCELL Aux Power Supply 220/240 VAC	0917-0169
	Flow Meter I/F Kit	0917-0316
	ControlNet Kit	0917-0315

* Part number may have an alpha prefix

** Includes all parts listed above as an assembly

RAAD

Part Number	Description
A15773100A	PCB, Mother
*15772600A	PCB, Load Cell (4 per)
A15771500A	Enclosure
A15771600A	Cover, J-Box
*15961800A	Cord Grip
*16007900A	Plain Washer, Cord Grip
*15228800A	Lock Nut, Cord Grip
*14467600A	Hole Plug, Cord Grip
*10392800A	Ground Rod, 10'
*09870100A	Ground Lug
*10392900A	Ground Rod Clamp
TB100439	Surge Protector, 120V
TA100532	Surge Protector, 220V
MZ1003000026	Flat Braided Cable
TA100590	External Power Supply
*10386700A	Power Cord, US



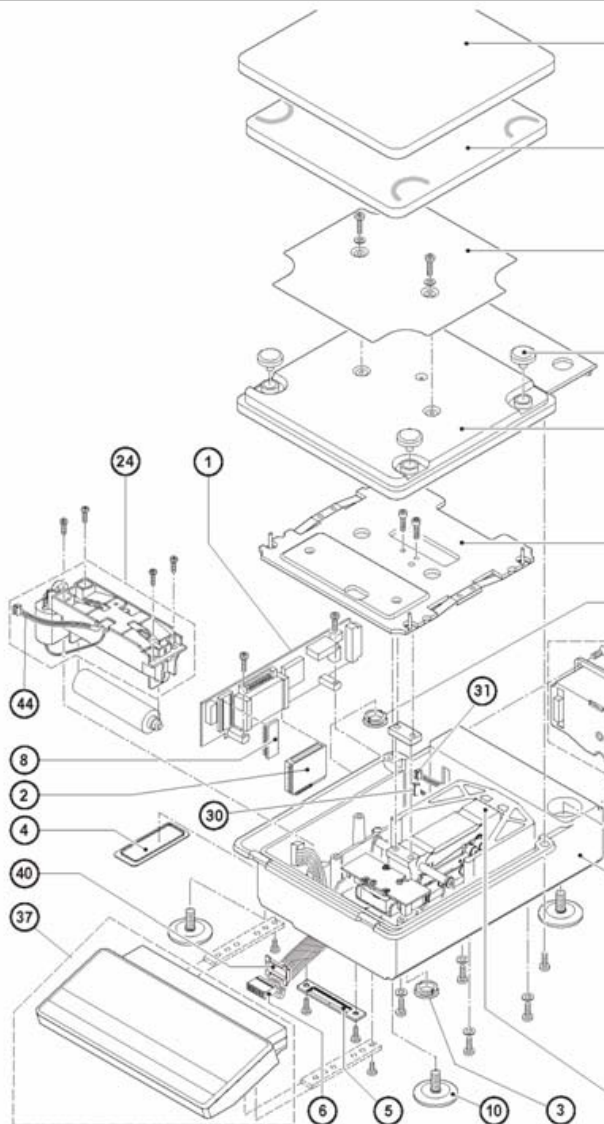
RAAD

* Part number may have an alpha prefix

Model R Base

R Base, Professional Level

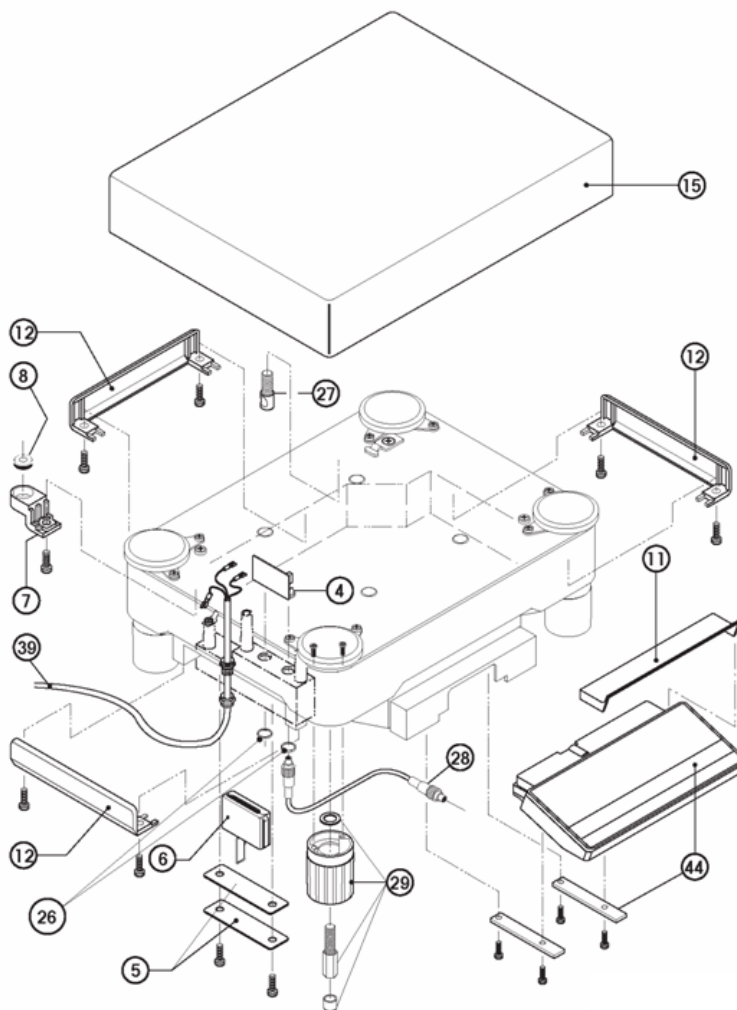
Ref.	Part Number	Description
1	225490	Balance PCB
2		Program cassette-R
	600171	(Key ->O/T<-) Models PR203, PR503, PR503DR, PR803, PR3001, PR5001, PR8000, PR8001
	225397	(Key ->T<-) Models PR203, PR503, PR503DR, PR803, PR3001, PR5001, PR8000, PR8001
3	87420	Hanger/calibration cover
4	225214	Cassette cover
5	225154	Cable protection
6	225156	Terminal cable
7	17104	Level indicator
8		EPROM (with operating system OS)
	600170	Models PR203, PR503, PR503DR, PR3001, PR5001, PR8000, PR8001
	225688	Model PR803
10	225227	Level footing
12	225168	Bottom housing
13	225157	Top housing
14	600175	Measuring cell, assembled (without calibration)
18	225165	Weighing pan
19	225658	Pan support
24	225050	Calibration drive
28	225160	Fastening plate
33	225658	Pan support
37		Terminal-R
	225120	(Key ->O/T<-) PR203, PR503, PR503DR, PR803, PR3001, PR5001, PR8000, PR8001
	225656	(Key ->T<-) Models PR203, PR503, PR503DR, PR803, PR3001, PR5001, PR8000, PR8001
40	225135	Connector cover
44	225139	Coil cable
46	225144	Detector cable



R Base

S Base

Ref.	Part Number	Description
4	229360	CAN board
5	21200135	Cassette cover, complete
6		Program cassette-R
	600171	(Key ->O/T<-) Models SR8001, SR16000, SR160001, SR160001DR, SR32000, SR32001 SR32001DR
	225397	(Key ->T<-) Models SR8001, SR16000, SR160001, SR160001DR, SR32000, SR32001 SR32001DR
	225690	Program cassette-G
		Models SR8001, SR16000, SR160001, SR160001DR, SR32000, SR32001 SR32001DR
7	239041	Level support
8	215053	Level
12	239037	Buffer protecting strip
15	239105	Weighing pan
26	225028	Nut (CAN)
27	230163	Antitheft device
28	239259	Platform cable (standard)
29	21200136	Foot, complete (Qty 4)
39		Power cable
	225204	CH
	225270	EU
	225271	I
	225272	DK
	225273	GB
	225274	USA
	225275	AUS
	225276	SA
44		Terminal-SR
	21239273	(Key ->O/T<-) Models SR8001, SR16000, SR160001, SR160001DR, SR32000, SR32001 SR32001DR
	239273	(Key ->T<-) Models SR8001, SR16000, SR160001, SR160001DR, SR32000, SR32001 SR32001DR

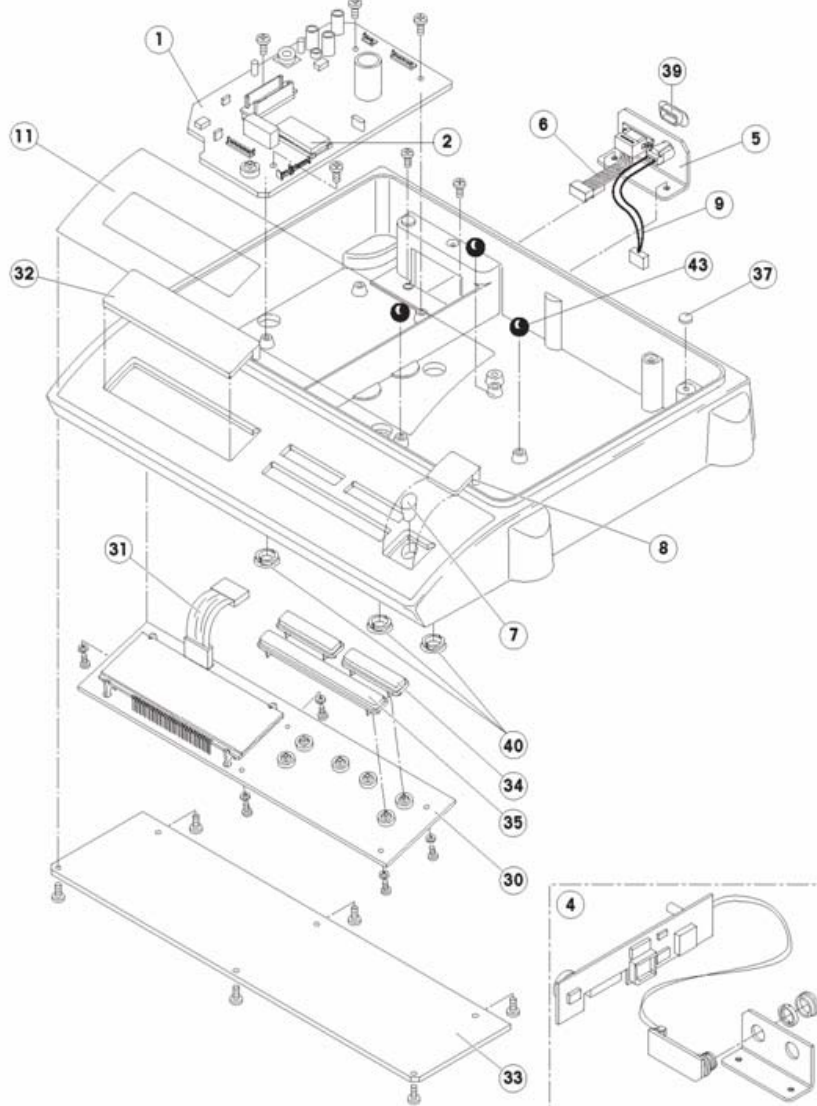


S Base

Model SB

SB Balance – Low Profile

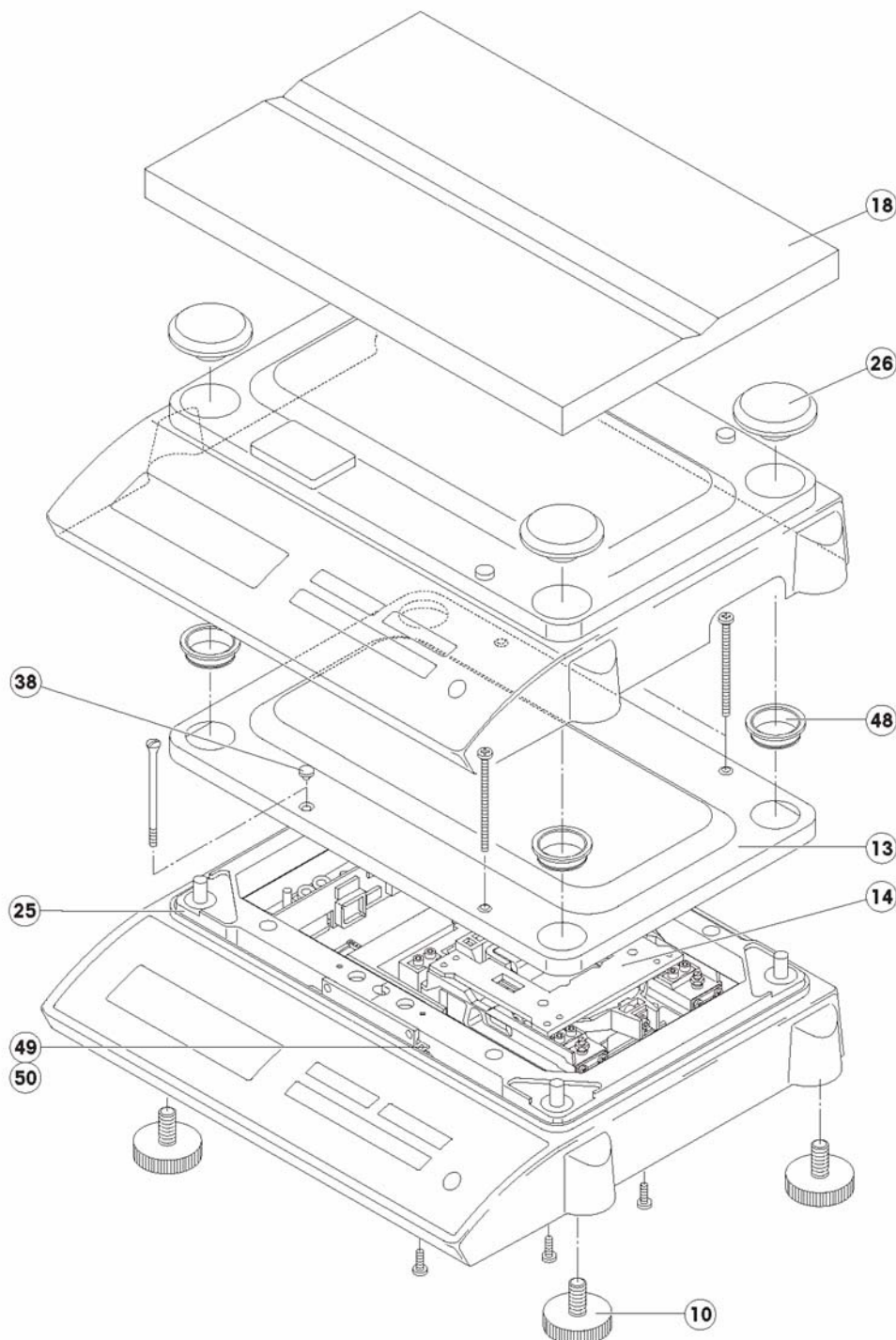
Ref.	Part Number by Models		Description
	SB8000,SB8001, SB12001,SB16000, SB16001,SB16001DR, GB16001,GL16DR (Conventional Cell)	SB8000,SB8001 SB8001DR, SB12001,SB16000, SB16001,SB16001DR, GB16001,GL16DR SB24001DR, SB32000,SB32001DR GL32DR (Monobloc Cell)	
1	21301095	21301095	Balance board
2	224017	224017	EPROM (programmed)
	224016	224016	EPROM 32 pin (programmed; without RS232)
	600150	600150	EPROM 28 pin (old; programmed, without RS232)
3	See Note 1	See Note 1	CAN interface
5	See Note 1	See Note 1	Female connector plate RS232C, assembled
6	See Note 1	21301654	RS cable, 9-pin
7	215053	215053	Level
8	230217	230217	Level glass
9	230065	230065	Power cable, 3-pin (40 mm)
11	See overlay list 10.3	See overlay list 10.3	Overlay
30	230053	230053	Display board
		21301495	Display board with backlighting
31	230054	230054	Display cable
32	230216	230216	Display glass
33	230229	230229	Cover
34	230222	230222	Key, short
35	230223	230223	Key, long
37	72469	72469	Protective bumper, adhesive
39	71906	71906	CAN plug
		11101560	RS dust cover
40	87420	87420	Cover
43	410001	410001	Plastic ball bearing
Not shown	230081	230081	Adapter



SB Balance – Low Profile

SB Balance – Low Profile and conventional measuring cell

Ref.	Part Number by Models		Description
	SB8000, SB8001, SB8001DR, SB12001	SB16000, SB16001, SB16001DR	
10	230236		Leveling foot
13	230214		Cover, complete (top part)
14	625039		Measuring cell, complete
18	21301093		Weighing pan
25	230121		Overload protection, complete
26	230207		Pan support
38	71904		Plug
48	230205		Guard ring (integrated in item 13 with newer models)
49	230060		Detector cable
50	230061		Coil cable

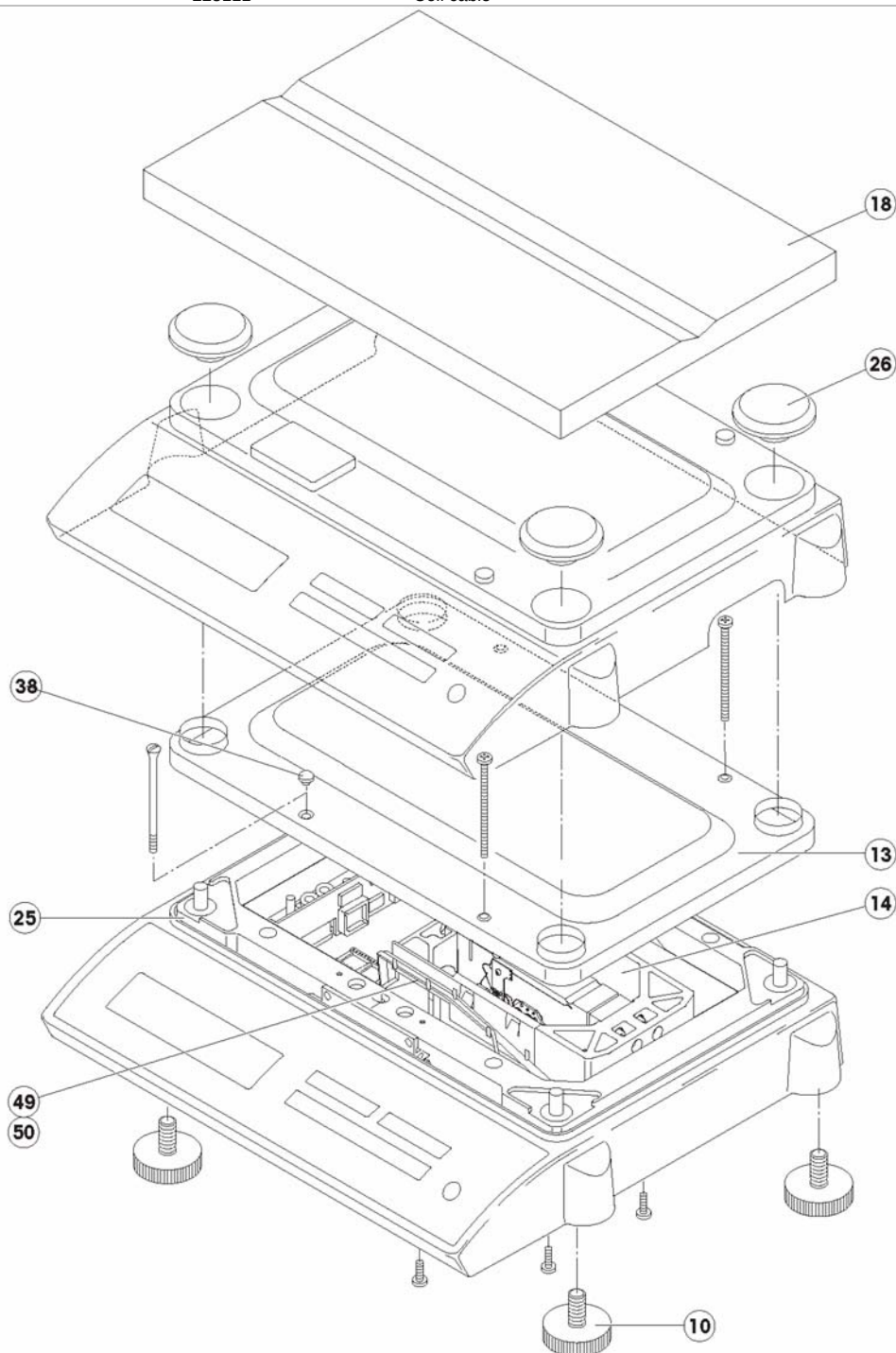


SB Balance – Low Profile and conventional measuring cell

Model SB

SB Balance – Low Profile and MonoBloc measuring cell

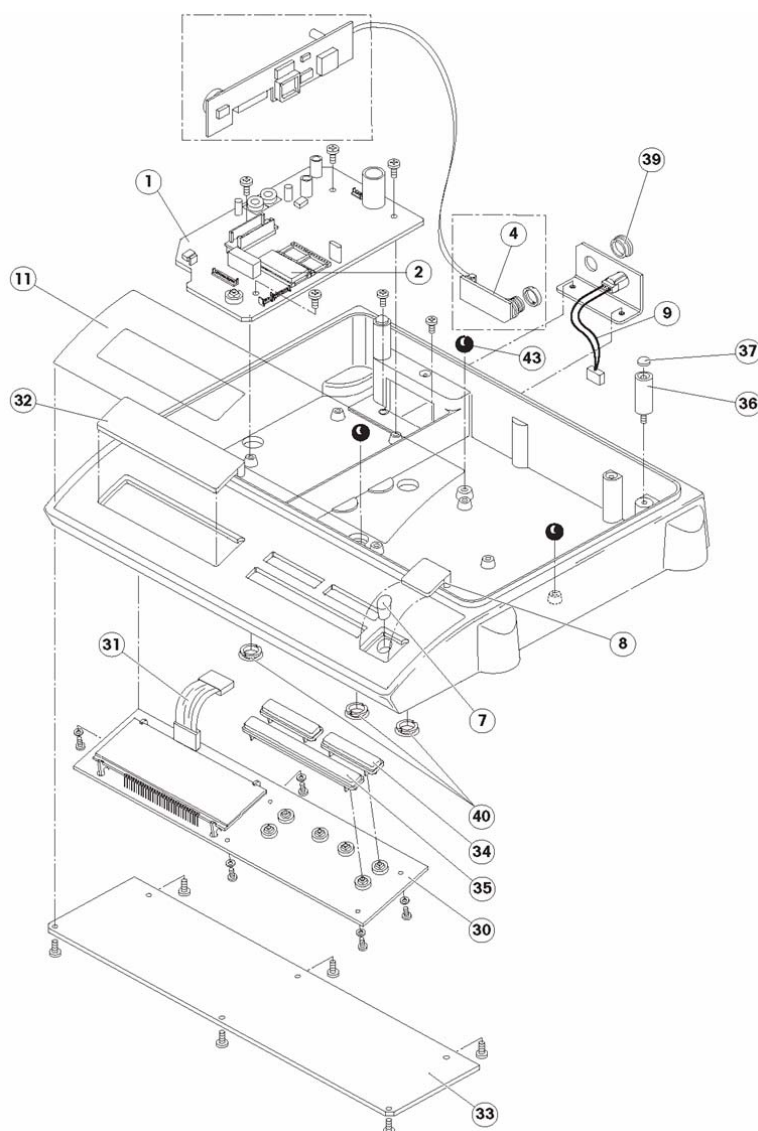
Part Number by Models		
SB8000, SB8001, SB8001DR, SB12001, SB16000, SB16001, SB16001DR, SB24001DR, SB32000, SB32001DR		
Ref.		Description
10	230236	Leveling foot
13	230214	Cover, complete (top part)
14	21300933	Measuring cell, complete
18	21301093	Weighing pan
25	230122	Overload protection, complete
26	230207	Pan support
38	71904	Plug
49	21300691	Detector cable
50	228111	Coil cable



SB Balance – Low Profile and MonoBloc measuring cell

SB Balance – High Profile

Ref.	Part Number by Models		Description
	SB24001DR, SB32000, SB32001DR		
1	21301095		Balance board
2	224017		EPROM (programmed)
	224016		EPROM 32 pin (programmed; without RS232)
	600150		EPROM 28 pin (old; programmed, without RS232)
4	228128		CAN Socket
7	215053		Level
8	230217		Level glass
9	230065		Power cable, 3-pin (40 mm)
11	(see overlay list,10.3)		Overlay
30	230053		Display board
31	230054		Display cable
32	230216		Display glass
33	230229		Cover
34	230222		Key, short
35	230223		Key, long
36	230226		Sleeve
37	72469		Protective bumper, adhesive
39	71906		Plug
40	87420		Cover
43	410002		Plastic ball bearing
Not Shown	230081		Adapter

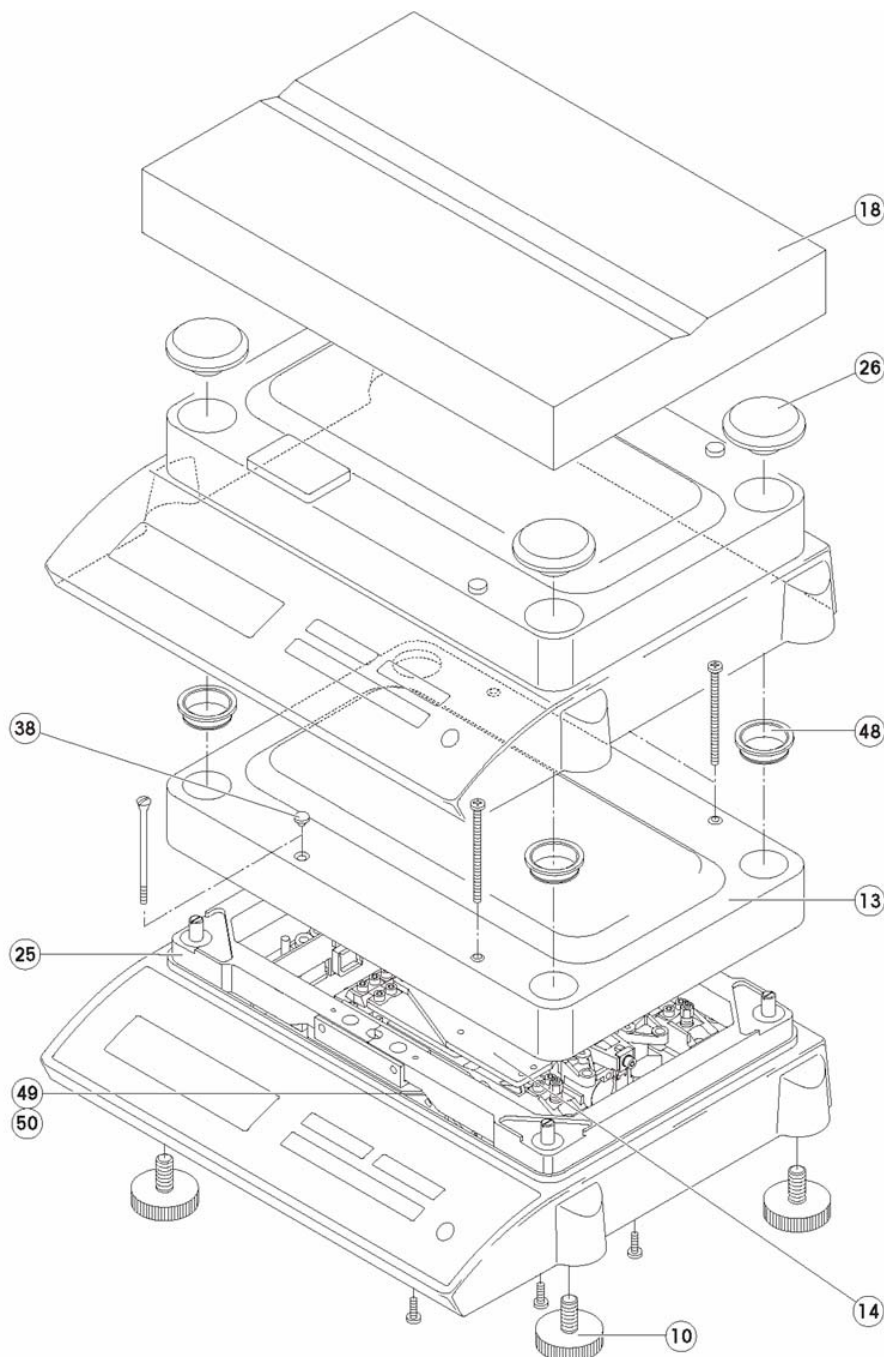


SB Balance – High Profile

Model SB

SB Balance – High Profile

Ref.	Part Number by Models		Description
	SB24001DR, SB32000, SB32001DR		
10	230236		Leveling foot
13	230215		Cover, complete (top part)
14	625037		Measuring cell, complete
18	230209		Weighing pan
25	230122		Overload protection, complete
26	230207		Pan support
38	71904		Plug
48	230205		Guard ring (integrated in item 13 with newer models)
49	230057		Detector cable
50	230061		Coil cable

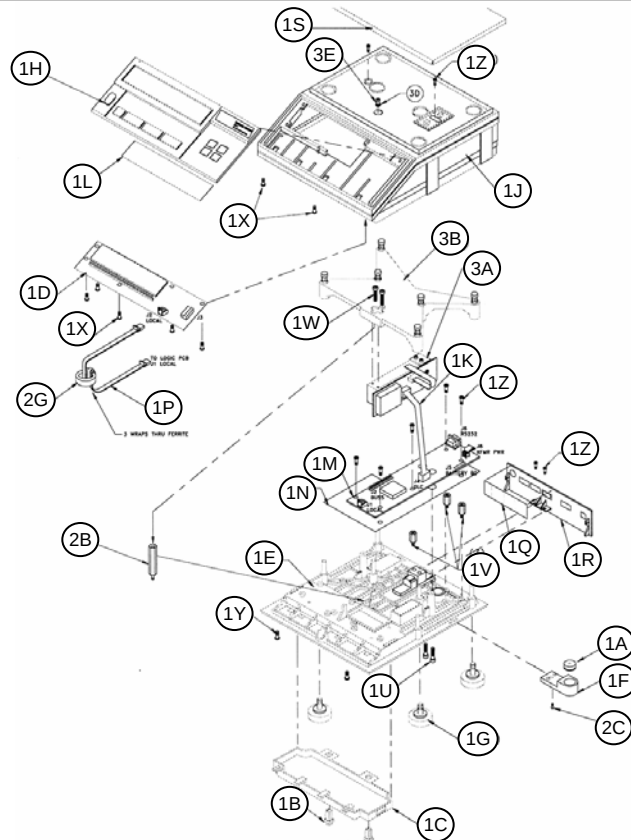


SB Balance – High Profile

Models SC05 and SC15

SC05/SC15 Counting Scale

Ref.	Part Number	Description	Qty.
1A	*10268900A	Level	1
1B	*12051300A	1/4 Turn Fastener	2
1C	*13912500A	Battery Cover (See Note 1 Below)	1
1D	*15056300A	Display PCB Kit	1
1E	*14081000A	Base	1
1F	*14081300A	Level Support	1
1G	*14100500A	Foot	5
1H	*15056100A	International Keyboard Kit (See Note 3 Below)	1
1H	*15056200A	English Keyboard Kit (See Note 3 Below)	1
1J	*14081700A	Cover	1
1K	*14081800A	Load Cell Harness	1
1L	*14081500A	Display Lens (See Note 3 Below)	1
1M	*14385000A	Logic PCB	1
1N	*14603200A	PCB Insulator	1
1P	*14389200A	Display/Logic Harness (See Note 4 Below)	1
1Q	*14424200A	Rear Decal	1
1R	*14082300A	Rear Panel (See Note 2 Below)	1
1S	*14639700A	Platter	1
1U	R0408800A	M8 x 30 Hex Socket Hd	2
1V	*14476200A	M4 x 20mm Hex Post	3
1W	R0517600A	M8 x 30 Cap Screw	2
1X	R0518300A	M3 x 10 PH Screw	7
1Y	R0513500A	#6-19 x 3/8 PH Torx	2
1Z	R0513100A	M4 x 10 PH Screw	9
2B	*14514500A	10-32 Standoff	1
2C	R01913020	10-32 x 3/8 One Way Screw	1
2G	*14528700A	Ferrite Core	1
3A	*15381500A	11 kg Load Cell (SC05)	1
3A	*15381600A	22 kg Load Cell (SC15)	1
3B	*14532400A	Spider Assb. (SC05)	1
3B	*14854300A	Spider Assb. (SC15)	1
3D	R0271600A	Cap Screw 10-32 x 1	1
3E	R0383100A	O-ring	1
Not Shown	*14083200A	Standard Power Supply	1
Not Shown	*14664800A	1.0 Amp Power Supply	1
Not Shown	*10386700A	Line Cord (USA)	1
Not Shown	*13894600A	Line Cord (UK)	1
Not Shown	*13902200A	Line Cord (Europe)	1
Not Shown	*14235700A	Line Cord (Australia)	1



SC05/SC15 Counting Scale

* Part number may have an alpha prefix

Note 1: Battery cover is only included with the Battery Kit

Note 2: If the rear panel is replaced, the serial data plate from the original unit must be retained and attached to the new panel

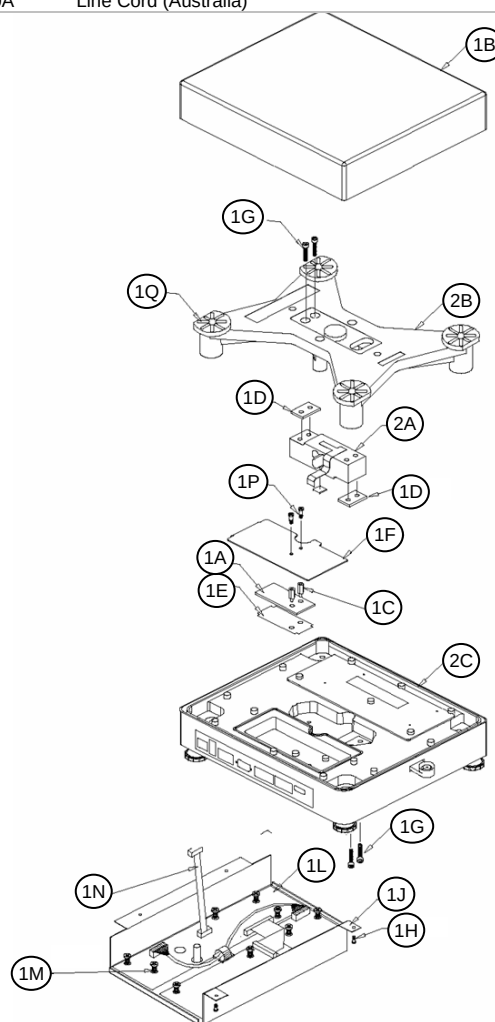
Note 3: Included in the Keyboard Kit

Note 4: Included in the Display PCB Kit

Models SC30 and SC60

SC30/SC60 Counting Scale

Ref.	Part Number	Description	Qty
1A	*15313500A	DigiTOL Load Cell PCB (See Note 2 Below)	1
1B	*15083400A	Platter Assb.	1
1C	*14497000A	Standoff Hex, 4M/F.16MM Brass	2
1D	*14647700A	Spacer Block	2
1E	*14647900A	Insulator Logic	1
1F	*14648800A	Cover Plate	1
1G	R0517600A	M8 x 30 Cap Screw	4
1H	R0369800A	#8 x 5/8 Tap Screw	4
1J	*14649200A	Cover, Bottom	1
1L	*14660300A	Large SC Logic PCB	1
1M	R0514700A	M-0.7 x 6PH Torx/Slot Screw	5
1N	*14745600A	Load Cell Harness	1
1P	R0514600A	M40-0.7 x 8 Hex Drilled Screw	2
1Q	*15083900A	Platter Pad	4
2A	*15213600A	45 kg Load Cell Assb. (See Note 3 Below)	1
2A	*15213800A	100 kg Load Cell Assb. (See Note 3 Below)	1
2B	*14544100B	Spider Assb.	1
2C	*14749300A	Scale Enclosure Assb. (30/60 kg)	1
Not Shown	*14036400A	Large SC NiCad Battery	1
Not Shown	*14083200A	Standard Power Supply	1
Not Shown	*14664800A	1.0 Amp Power Supply	1
Not Shown	*10386700A	Line Cord (USA)	1
Not Shown	*13894600A	Line Cord (UK)	1
Not Shown	*13902200A	Line Cord (Europe)	1
Not Shown	*14235700A	Line Cord (Australia)	1



SC30/SC60 Counting Scale

* Part number may have alpha prefix

Note 1: Consists of all parts on

Note 2: This new style PCB should only be used to replace a PCB with the same part number. If the existing PCB is part number A14080400A, both the load cell (item 2A) and the PCB (item 1A) must be replaced together. The kit with both the load cell and PCB together are:

SC30: 15381700A (45 kg) **SC60:** 15381800A (100 kg)

Note 3: This new style load cell should only be used to replace a load cell with the same part number. If the existing load cell is part number 14647500A (45kg) or 14647600A (100kg), both the load cell (item 2A) and the PCB (item 1A) must be replaced. The kit with both the load cell and PCB together are:

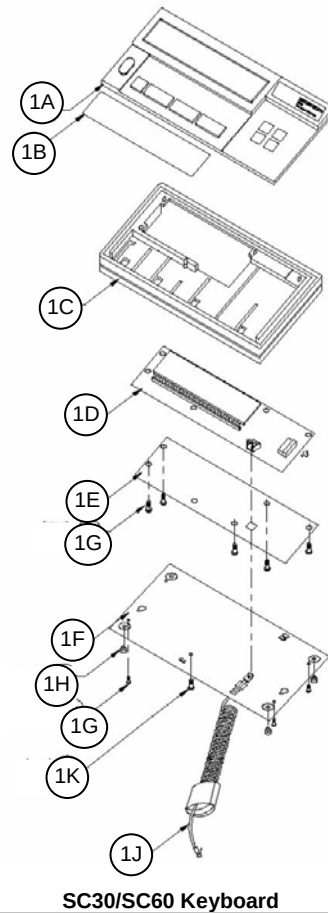
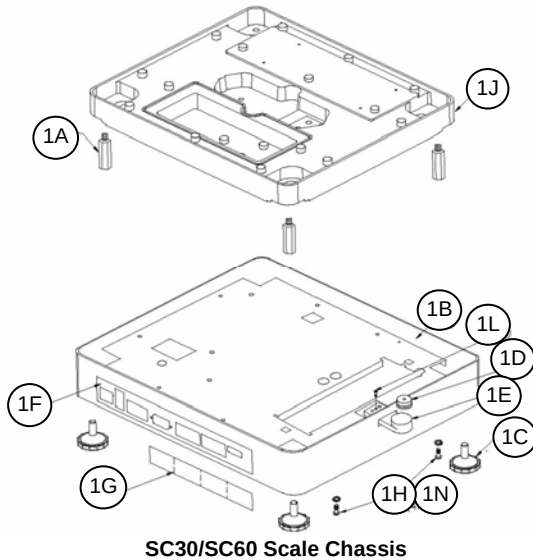
SC30: 15381700A (45kg) **SC60:** 15381800A (100kg)

Note 4: 30 kg scale bases have screws that attach from the bottom of the base

Models SC05 and SC15

SC30/SC60 Scale Chassis

Ref.	Part Number	Description	Qty
1A	*14648300A	5/16 -18 x 1.50 Hex Post	4
1B	*14663800A	Skirt (See Note 1 Below)	1
1C	*14100500A	Foot	4
1D	*10268900A	Level	1
1E	*14664000A	Level Holder	1
1F	*14663900A	Connector Bezel	1
1G	*14664300A	Decal (Large SC)	1
1H	R0513100A	M4-0.7 x 10 Pan HD TT Torx/Slot	4
1J	*14543100A	Base	1
1L	R02180050	8-32 x 0.38 PH Pan HD Screw	1
1N	R00589130	#8 Lock Washer	4



SC30/SC60 Keyboard

Ref.	Part Number	Description	Qty.
1A	*15056000A	English Keyboard Kit	1
1A	*15055900A	International Keyboard Kit	1
1B	*14081500A	Display Lens (See Note 2 Below)	1
1C	*14647000A	Top Keyboard Cover	1
1D	*15056400A	Display PCB Kit	1
1E	*14663500A	Keyboard Insulator	1
1F	*14647100A	Bottom Plate Cover	1
1G	R0518300A	M3X10 PH Screw	9
1H	*14664700A	Foot	4
1J	*14973400A	Keyboard Cable	1
1K	R0513100A	M0.7x10 Pan HD Torx	1

* Part number may have alpha prefix

Note 1: If the skirt is replaced, the serial data plate from the original unit must be retained and attached to the new skirt.

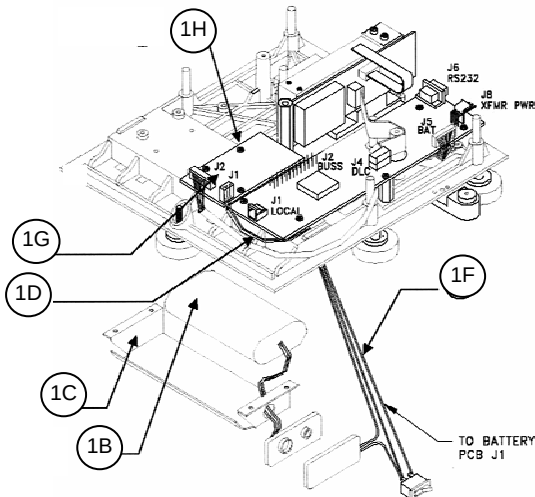
Note 2: Display lens included in the replacement keyboard kit.

Models SC30 and SC60

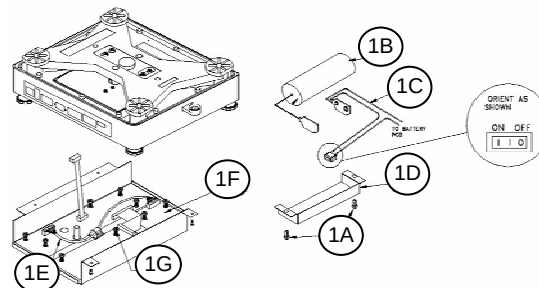
SC05/SC15 Optional Accessories Battery Kit

Ref.	Part Number	Description	Qty
	*14915900A/09190045000 Consists of Parts for SC05/SC15 Battery Kit		
Not Shown	*12051300A	1/4 Turn Fastener	2
1B	*14036400A	7.2V 4.3 AH NiCad Battery	1
1C	*14036500A	Battery Bracket	1
1D	*14309900A	Harness/Battery to Main PCB	1
Not Shown	*13912500A	Battery Cover	1
1F	*14034500A	Battery Harness	1
1G	*14470100A	Battery PCB	1
1H	R0514700A	M4-0.7x6 Torx Screw	4
1J	R0513200A	M3-0.5x8 Torx Screw	4

Note: Display lens included in the replacement keyboard kit.



SC05/SC15 Optional Accessories Battery Kit



SC30/SC60 Battery Kit

SC30/SC60 Battery Kit

Ref.	Part Number	Description	Qty
	*14915900A/09190045000 Consists of Parts for SC30/SC60 Battery Kit		
1A	*12051300A	1/4 Turn Fastener	2
1B	*14036400A	7.2V 4.3 AH NiCad Battery	1
1C	*14636500A	Battery Bracket	1
1D	*14309900A	Harness/Battery to Main PCB	1
1E	*13912500A	Battery Cover	1
1F	*14034500A	Battery Harness	1
1G	*14470100A	Battery PCB	3
1H	R0514700A	M4-0.7 x 6 Torx Screw	
1J	R0513200A	M4-0.7 x 6 Torx Screw	

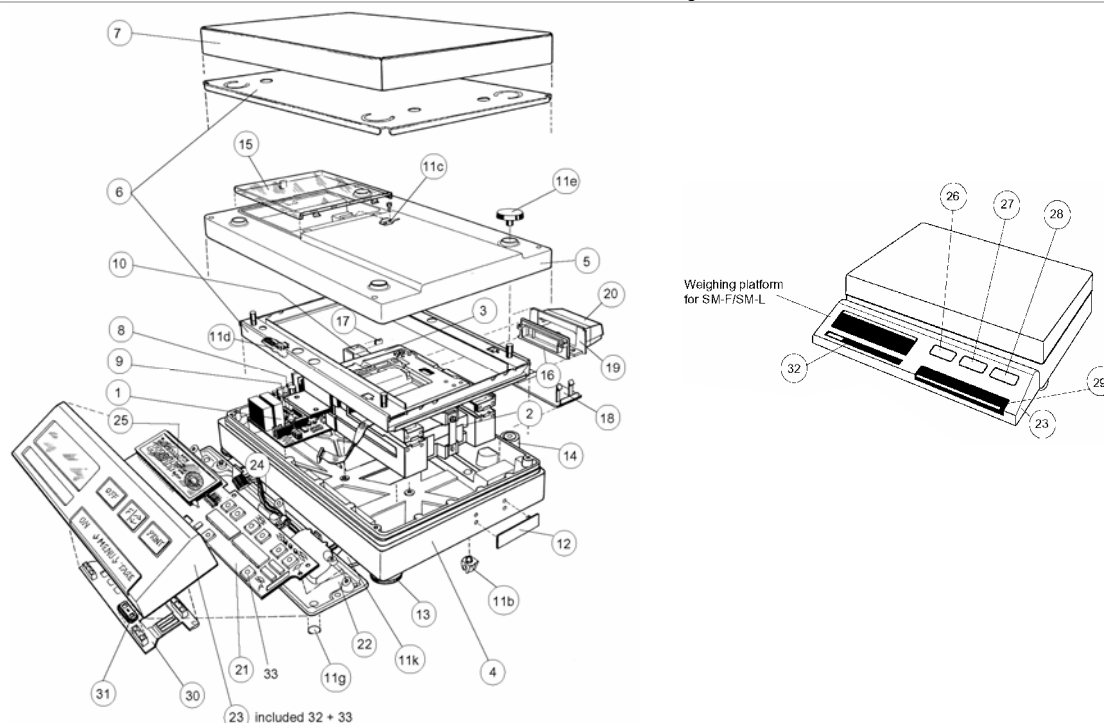
SC Optional Accessories

Part Number	Description	Factory Number
*14615900A	RS-232 Interface Cable 20'/6M (DB25M Connector)	0900-0255
*13604900A	RS-232 Interface Cable 15'/5M (DB9F Connector)	0900-0278
*13605000A	RS-232 Host Interface 15'/5M (DB25F Connector)	0900-0279
*14629100A	Analog Remote Second Scale Kit	0901-0385
*14629200A	DigiTOL Remote Second Scale Kit	0901-0386
*14947100A	Roller Ball-TOP Platter (SC30 and SC60)	0906-0161
*14615900A	NiCad Battery Option (SC05 and SC15)	0919-0045
*14744700A	Extra NiCad Battery	0919-0046
*14753600A	1 Amp Power Supply w/ (USA) Line Cord	0919-0047
*14915700A	NiCad Battery Option (SC30 and SC60)	0919-0049
*15055800A	Extra Battery Charger	0919-0051
*15056500A	1 Amp Power Supply w/ (UK) Line Cord	0919-0052
*15056600A	1 Amp Power Supply w/ (European) Line Cord	0919-0053
*15056700A	1 Amp Power Supply w/ (Australia) Line Cord	0919-0054
*15056900A	Keyboard/Display Stand SC30, SC60	0922-0001
*15010700A	Stand Attachment Bracket	0922-0002
*15057100A	W&M Sealing Kit	0922-0003
*15090300A	Software Upgrade Kit	0922-0004

* Part number may have alpha prefix

SM

Ref.	Model Part Number			Description	
	SM3000/ SM6000	SM12/ SM1220	SM15/SM1520/ SM15000		
1	34482	34482	34482	Scale board	
2	626070	626075	626075	Weighing system, adjusted	
3				Hanger:	
	34258	34258	34258	Chock	
	34376	34376	34376	Eccentric	
4	626069	626069	626069	Bottom housing, complete	
5	626071	626071	626071	Top housing, complete	
6	34217	34217	34217	Platform support	
7	34218	34218	34218	Weighing platform	
	34212	34212	34212	Overload protection	
8	81829	81829	81829	Reference resistor set (je 1 x 125, 155, 165 Ω)	
9	41299	41299	41299	Calibration resistor set (set of 73 Stk., 560 Ω 1 MΩ/50 ppm)	
	47042	47042	47042	Calibration resistor set (set of 15 Stk., 3.6 kΩ 13 kΩ/15 ppm)	
10	600274	600274	600274	Standard program cassette	
11				Small parts set:	
11b	89416	89416	89416	Cable holders	
11c	34289	34289	34289	Certification plates	
	76274	76274	76274	Sealing screw	
11d	34273	34273	34273	Springs for overload protection	
11e	34223	34223	34223	Caps for platform support	
11j	32910	32910	32910	Keys, square, for application terminal	
11j	32909	32909	32909	Keys, rectangular, for application terminal	
	34208	34208	34208	Grounding plate	
13	600026	600026	600026	Leveling screw, compl.	
14	70947	70947	70947	Level	
15	34214	34214	34214	Cover for top section	
16	34209	34209	34209	Connector plate	
17	89404	89404	89404	Shorting plug, 2-pin, for certified scales	
18	34210	34210	34210	Connector cover, bottom	
19	34461	34461	34461	Connector flange	
20	34462	34462	34462	Flange cover	
			34589	Hanger for weighing below the balance	
	SMF	SM-L	SM-AF	SM-AL	
21	34370	34190	—	—	Display board
22	625018	625018	—	—	Bottom housing
23	625019	625020	—	—	Top housing, mounted (with keys and model plate)
24	34371	34191	—	—	Connection cable
25	31350	31350	31350	31350	Hatched sticker for certified scales (49)
26	21202376	21202376	—	—	"PRINT" key set complete
30	34281	34281	—	—	Key support
31	34284	34284	—	—	Gasket
34	—	—	626061	32922	Terminal board AF/AL 24
35	—	—	32908	32908	Bottom housing
36	—	—	626062	626062	Top housing
37	—	—	626066	626066	Membrane keypad (with PAC overlay)
38	—	—	32906	32906	Connection cable
39	—	—	216137	216137	Overlay (with model designation)
40	—	—	32917	32917	Housing seal



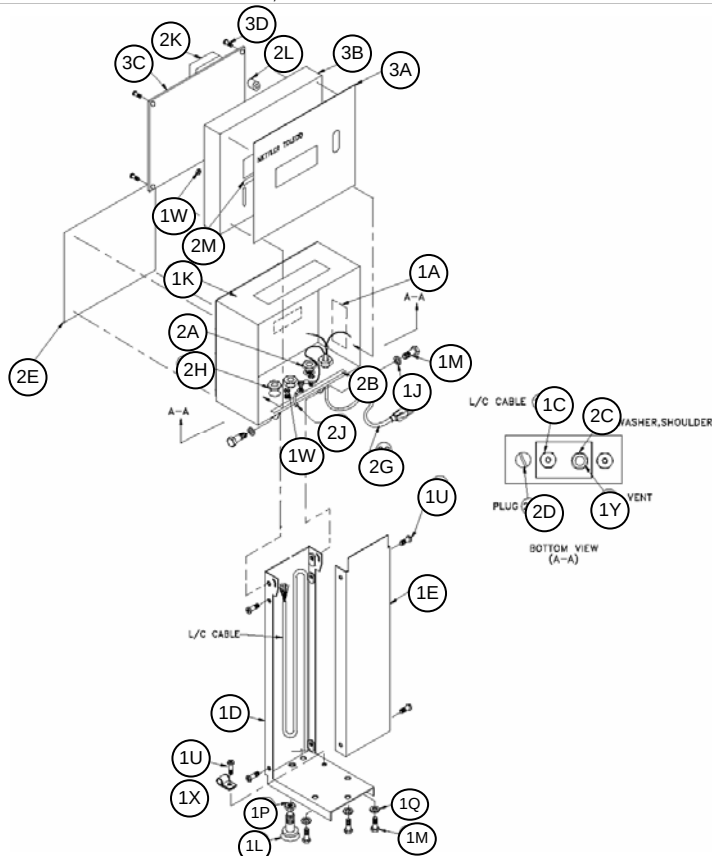
SM

* Part number may have an alpha prefix

Models SpeedWeigh/SpeedWeigh Plus

SpeedWeigh/SpeedWeigh Plus Terminal

Ref.	Part Number	Description	Qty.
1A	*15544000A	Shock Warning Label	1
1C	*12901800A	Cord with Nut Bushing	1
1D	*15517000A	Tower Weldment Extend, 19"	1
	*15538400A	Tower Weldment, 14"	
Not Shown	*14826100A	Wall Mount Bracket	
1E	*15521500A	Extended Tower Cover, 19"	1
	*15538500A	Tower Cover, 14"	
1J	R0520100A	Nylon Washer	2
1K	*14829300A	Back Enclosure	1
1L	*12900400A	Adjustable Foot	1
1M	R02072020	Screw, 1/4 - 20 x 0.375	5
1P	R0365600A	Hex Nut, 5/16 - 18	1
1Q	R0372700A	Lock Washer, 1/4 IT SS	3
1U	R0377900A	Screw, 8-32 x 0.25	5
1W	R0519600A	Nut, M4	4
1X	*12476400A	Cable Clamp	1
1Y	*15473000A	Breather Vent	1
21	R0542300A	Nut, 1/8-27 NPT	1
2B	*14828700A	Controller I/O Label	1
2C	*15709000A	Nylon Shoulder Washer	1
2D	*14724000A	Hole Plug	1
2E	*15692800A	SpeedWeigh Logo Label	1
2G	*15625200A	Harness, AC Power, North American (Yellow)	1
	*15473200A	Harness, AC Power, Australia (Black)	
	*15473300A	Harness, AC Power, Europe (Black)	
	*15549900A	Harness, AC Power, Chile (Black)	
	*15557000A	Harness, AC Power, Africa (Black)	
	*15606200A	Harness, AC Power, UK (Black)	
	*15616700A	Harness, AC Power, Switzerland (Black)	
	*15651300A	Harness, AC Power, Japan (Black)	
2H	*14724100A	Hex Nut, Nylon	1
2J	*15048200A	Tension Cable	1
2K	*14829600A	Transformer Pad	1
2L	*14830500A	Neoprene Bumper, 44 x .50	1
2M	*15667600A	Plate, Legend (Domestic)	1
	*15667500A	Plate, Legend (Export)	
3A	*15699900A	Keyboard, SW, 6-key	1
	*15700000A	Keyboard, SW, Enhanced (SWXXK Only)	
3B	*14829400A	Front Cover	1
3C	*15700400A	PCB Assembly, Main, 6-Key	1
	*15493700A	PCB Assembly, Main, Enhanced (SWXXK Only)	
3D	R0511100A	Screw, M4 x 10	4



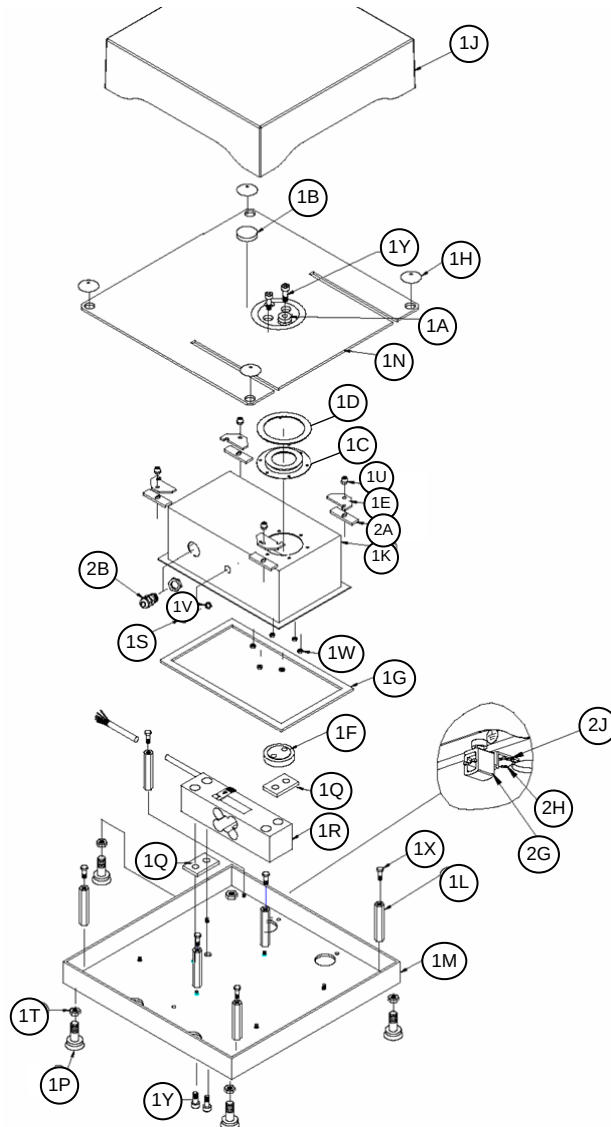
SpeedWeigh/SpeedWeigh Plus Terminal

* Part number may have an alpha prefix

Models SpeedWeigh/SpeedWeigh Plus

SpeedWeigh/SpeedWeigh Plus SW06/SW06K Small Base

Ref.	Part Number	Description	Qty
1A	*10268900A	Level	1
1B	*10839700A	Damper Pad	4
1C	*13937600A	Load Cell Boot	1
1D	*15330100A	Boot Ring Clamp	1
1E	*15219600A	Hold Down Bracket	4
1F	*15349800A	Boot Adaptor Block	1
1G	*15219700A	Load Cell Enclosure Gasket	1
1H	*14044100A	Bumper Pad	4
1J	*15185700A	Platter, 9", No Lip	1
	*15344800A	Platter, 9" with Lip	1
1K	*15185300A	Load Cell Enclosure	1
1L	*15185500A	Standoff, 10-32	6
1M	*15186700A	Base Weldment, 9"	1
1N	*15186800A	Sub-Platter, 9"	1
1P	*12900400A	Adjusting Foot, 5/16 – 18	4
1Q	*14647700A	Load Cell Spacer 1.5 x 10	2
1R	*15187200A	Load Cell Assembly, Qual. 11 kg (SW06)	1
1S	*15473000A	Breather Vent	1
1T	R0365600A	Hex Nut 5/16 – 18	4
1U	R0529100A	Acorn Nut, 10-32	4
1V	R0542300A	Nut, 1/8 – Pipe	1
1W	R0509500A	Lock Nut 4-40	6
1X	R0517100A	Screw, 10-32 x 5/8 trimmed	6
1Y	R0540800A	Screw M8 x 25	4
2A	*15419800A	Spacer, 1.50 x 43	4
2B	*12901800A	Bushing Grip	1
2G, 2H, 2J	Not Included	CSA Grounding Hardware (Not included with this model)	0
Not Shown	*15352000A	Wrench, ½, 7/16, 9/16	1



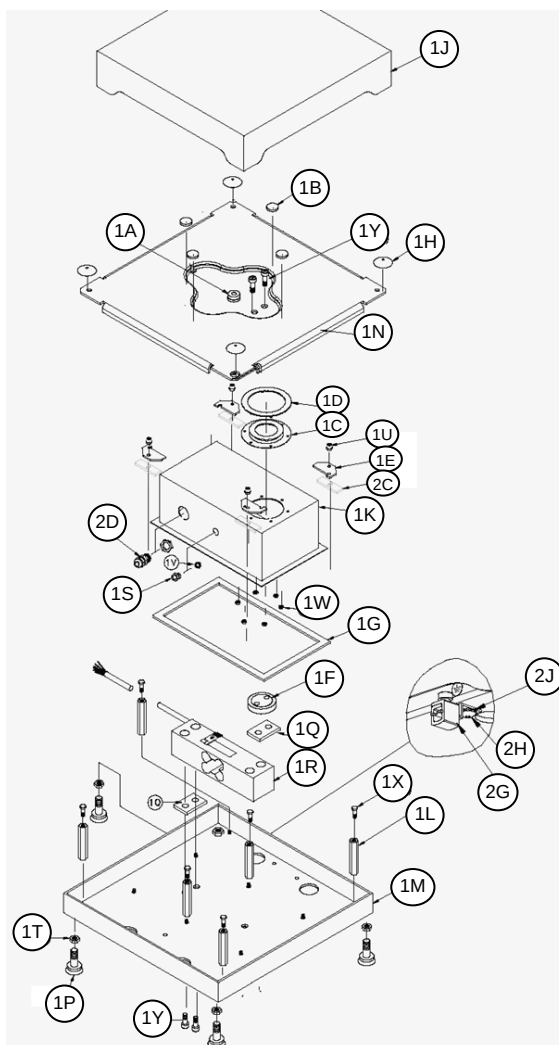
SpeedWeigh/SpeedWeigh Plus – Small Base

* Part number may have an alpha prefix

Models SpeedWeigh/SpeedWeigh Plus

SpeedWeigh/SpeedWeigh Plus SW15/SW15K, SW30/SW30K, SW60/SW60K Medium Base

Ref.	Part Number	Description	Qty
1A	*10268900A	Level	1
1B	*10839700A	Foot, Polyurethane, Adhesive Back	4
1C	*13937600A	Load Cell Boot	1
1D	*15330100A	Boot Ring Clamp	1
1E	*15219600A	Hold Down Bracket	4
1F	*15349800A	Boot Adaptor Block	1
1G	*15219700A	Load Cell Enclosure Gasket	1
1H	*14044100A	Bumper Pad	4
1J	*15185200A	Platter, 12", No Lip	1
	*15348600A	Platter, 12" with Lip	
1K	*15185300A	Load Cell Enclosure	1
1L	*15185500A	Standoff, 10-32	6
1M	*15187000A	Base Weldment, 12"	1
1N	*15219200A	Sub-Platter, 12"	1
1P	*12900400A	Adjusting Foot, 5/16 – 18	4
1Q	*14647700A	Load Cell Spacer 1.5 x 10	2
1R	*14612300A	Load Cell Assembly, Qual. 22 kg (SW15)	1
	*14611500A	Load Cell Assembly, Qual. 45 kg (SW30)	
	*14611900A	Load Cell Assembly, Qual. 100 kg (SW60)	
1S	*15473000A	Breather Vent	1
1T	R0365600A	Hex Nut 5/16 – 18	4
1U	R0529100A	Acorn Nut, 10-32	4
1V	R0542300A	Nut, 1/8 – Pipe	1
1W	R0509500A	Lock Nut 4-40	6
1X	R0518100A	Screw, 10-32 x 5/8 trimmed	6
1Y	R0540800A	Screw M8 x 25	4
2A	*15419800A	Spacer, 1.50 x 43	4
2B	*12901800A	Bushing Grip with Nut	1
2G, 2H, 2J	Not Included	CSA Grounding Hardware (Not included with this model)	0
Not Shown	*15352000A	Wrench, 1/2, 7/16, 9/16	1



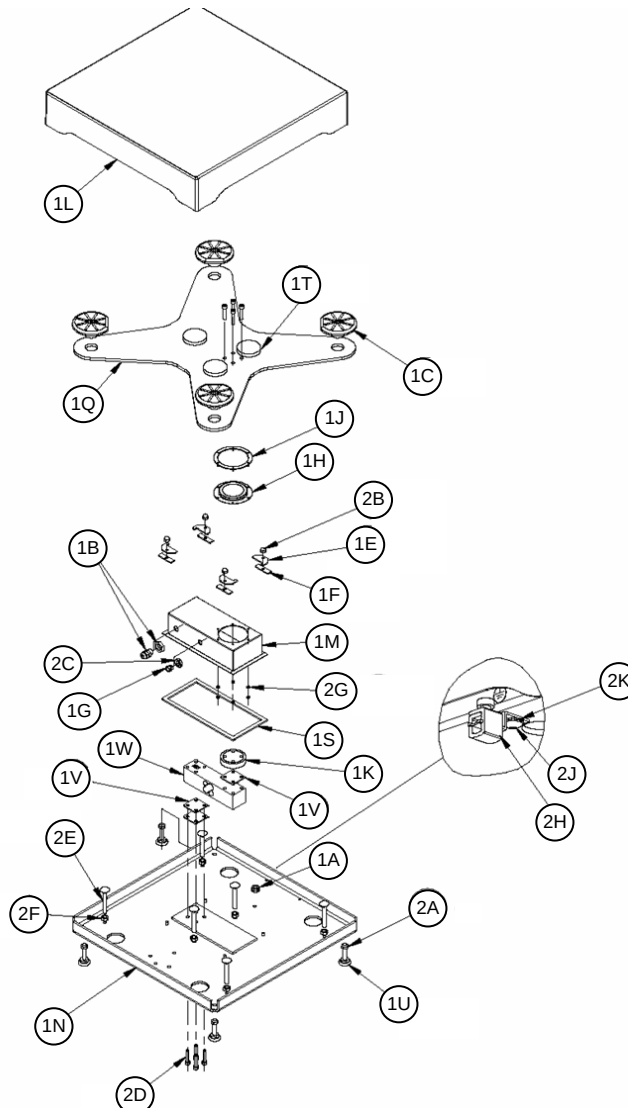
SpeedWeigh/SpeedWeigh Plus – Medium Base

* Part number may have an alpha prefix

Models SpeedWeigh/SpeedWeigh Plus

SpeedWeigh/SpeedWeigh Plus SW75/SW75K and SW150/SW150K Large Base

Ref.	Part Number	Description	Qty
1A	*10268900A	Level	1
1B	*12901800A	Grip Bushing	1
1C	*15083900A	Platter Pad Corner	4
1E	*15219600A	Hold Down Bracket	4
1F	*15419800A	Spacer, 1.5 x .54	4
1G	*15473000A	Breather Vent	1
1H	*15674700A	Load Cell Boot 18 x 18 SW	1
1J	*15674800A	Ring Clamp 18 x 18 SW	1
1K	*15674900A	Boot Block Adaptor 18 x 18 SW	1
1L	*15675100A	Platter, 18 x 18 with Lip SW	1
1L	*15675000A	Platter, 18 x 18 No Lip WB	1
1M	*15675200A	Load Cell Enclosure 18 x 18	1
1N	*15675300A	Base 18 x 18	1
1Q	*15675400A	Sub-Platter with Reinforcement	1
1S	*15676000A	Load Cell Enclosure Gasket, 18 x 18	1
1T	*15676100A	Platter Support Pad	3
1U	*12900400A	Adjusting Foot 5/16 – 18	4
1V	*14609700A	Spacer, 4 Hole Load Cell	3
1W	*14654600A	Load Cell Assembly, Qual. 100 kg (SW75)	1
1W	*14639000A	Load Cell Assembly, Qual. 200 kg (SW150)	1
2A	R0365600A	Hex Nut 5/16 – 18	4
2B	R0529100A	Acorn Nut, 10-32	4
2C	R0542300A	Hex Nut, 1/8 – Pipe	1
2D	R0511000A	Screw M6 x 35	8
2E	R0548100A	Carriage Bolt, 5/16 – 18	6
2F	R0233700A	Hex Nut, 5/16 – 18	6
2G	R0549500A	Hex Nut, M3 with Insert	6
2H, 2J, 2K	Not Included	CSA Grounding Hardware (Not included with this model)	0



SpeedWeigh/SpeedWeigh Plus – Large Base

* Part number may have an alpha prefix

Model TE6/15/30

TE6/15/30

Part Number	Description
36042	A.C. Powerline Adapter
36047	Charger, PowerPac
36220	Scale P/C Board WiO Eprom
36241	Control P/C Board With LCD
36243	Liquid Crystal Display
36291	Connection Cable
36300	Housing Base Mount With Arm
36327	Housing Cover
36328	Pan
36349	Oil Damping Mount
36377	Pan Support
36419	PowerPac
KN000000G82	Cable, PowerPac
36420	Option 030 Data Output
36538	Small Parts Set
36551	Wall Fixture
36552	Spare Batteries (Set)
36565	Upper Display Housing
626080	Lower Display Housing
626081	Upper Display Housing
626083	Arm Cover
36980	Measuring Cell Assb. TE6
36310	Measuring Cell Assb. TE15
626095	Measuring Cell Assb. TE30
86278	On/Off Switch
36256	Rubber Switch Cover

* Part number may have an alpha prefix

TE60/120

Part Number	Description
36042	A.C. Powerline Adapter
36047	Charger, PowerPac
36220	Scale P/C Board Wio Eprom
36243	Liquid Crystal Display
36349	Te Oil Damping, Mount
36419	PowerPac
KN000000G82	PowerPac Cable
36420	Option 030 Data Output
36551	Wall Fixture
36552	Spare Batteries (Set)
36565	Control P/C Board W/LCD Te/J
36601	Scale Housing
36607	Weighing System Carrier
36610	Coupling, Mount
36611	Set Of Bearings
36614	Level W/Holder
36619	Small Parts Set
36620	Pan Support
36628	Pan
36635	Connection Cable
626080	Lower Display Housing
626081	Upper Display Housing
626087	Upper Display Housing Te/J
626094	Measuring Cell Assb. Te60
626095	Measuring Cell Assb. Te120
86278	On/Off Switch
36256	Rubber Switch Cover

* Part number may have an alpha prefix

Model Test Weights

Test Weights – Class F, Stainless Steel

Part Number	Description
*02970200A	10 LB
*02970400A	5 LB
*02970600A	2 LB
*02970800A	1 LB
*02971000A	8 OZ
*02971200A	4 OZ
*10739700A	2 OZ
*02971417A	1 OZ
*02971617A	½ OZ
*02971817A	¼ OZ
*02972000A	5 KG
*02972200A	2 KG
*02972400A	1 KG
*02972600A	500 G
*02973000A	200 G
*02973200A	100 G
*029734170	50 G
*029738170	20 G
*029740170	10 G
*022195170	5 G
*10739800A	2 G
*10739900A	1 G

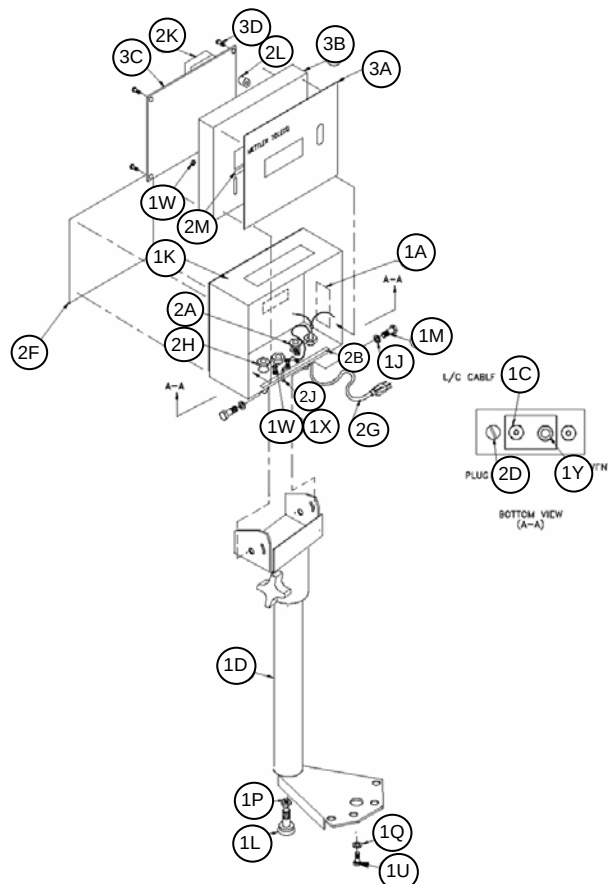
Test Weights – Class F, Cast Iron

Part Number	Description
*075833300	1000 LB
*075795300	500 LB
*10483000A	50 LB
*10491300A	25 LB
*10739400A	20 LB
KN000000G15	1000 KG
*10739300A	500 KG
*082379020	250 KG
*076280300	25 KG
*10482600A	20 KG
*10739500A	0 KG

* Part number may have an alpha prefix

TrimWeigh III Scale Terminal

Ref.	Part Number	Description
1A	*15544000A	Label, Shock Warning
1C	*12901800A	Bushing, Cord with nut
1D	*16530300A	Tower Weldment, Extend (20")
	*16530400A	Tower Weldment (12")
	*14826100A**	Bracket, Wall Mount**
1J	R0520100A	Washer, Nylon
1K	*16514600A	Enclosure, Back
1L	*16553300A	Foot, Adjustable
1M	82712400A	Screw, M6 x 16
1P	82708200A	Nut, Hex, M10
1Q	82711000A	Lock Washer, M6 IT SS
1U	82712300A	Screw, M6 x 12
1W	82708400A	Nut, M4
1X	82710800A	Lock washer, M4
1Y	*16391100A	Vent, Breather
2A	R0542300A	Nut, PG7
2B	*14828700A	Label, Controller I/O
2D	*14724000A	Hole Plug, PG11
2E	*15713800A	Logo Label
	*15625200A	Harness, AC Pwr, N. America (Yellow)
	*15473200A	Harness, AC Pwr, Australia (Black)
	*15473300A	Harness, AC Pwr, Europe (Black)
	*15549900A	Harness, AC Pwr, Chile (Black)
	*15557000A	Harness, AC Pwr, Africa (Black)
	*15606200A	Harness, AC Pwr, UK (Black)
	*15651300A	Harness, AC Pwr, Japan (Black)
2H	*14724100A	Hex Nut, PG11 Nylon
2J	*15048200A	Tension Cable
2K	*14829600A	Pad, Transformer
2L	*14830500A	Bumper, 44 x .50 Neoprene
2M	*15667600A	Plate, Legend (Domestic)
	*15667500A	Plate, Legend (Export)
3A	*15699900A	Keyboard, 6-Key
	*15700000A	Keyboard, Enhanced
3B	*16514500A	Front Cover
3C	*15700400A	PCB Assembly, Main, 6-Key
	*15493700A	PCB Assembly, Main, Enhanced (XXK only)
3D	R0511100A	Screw, M4x10



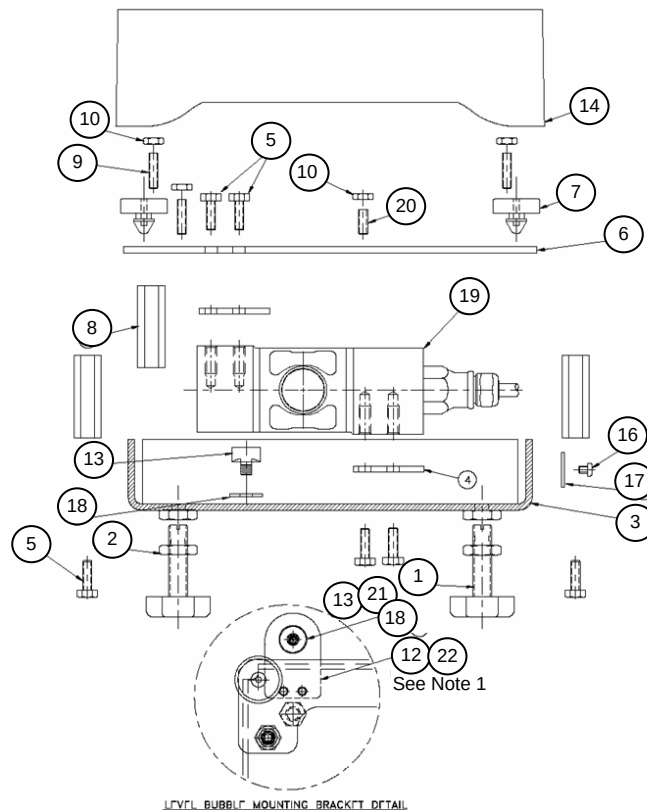
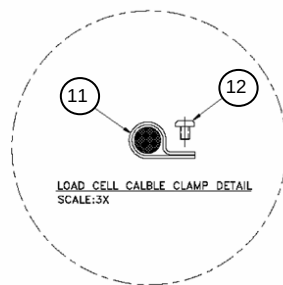
TRIMWEIGH III Scale Terminal

* Part number may have an alpha prefix

Model TrimWeigh

TRIMWEIGH III Base (9")

Ref.	Part Number	Description	Qty.
1	*16470800A	Foot, Molded, 10 mm, SST	4
2	82708200A	Nut, Hex, Jam, M10 x, SST	4
3	*16404400A	Weldment, Base, 9 x 9	1
4	*16403800A	Spacer, LC Mounting	2
5	82712400A	Screw, Hex HD, M6 x 16 mm, SST	13
6	*16403300A	Frame, Top, Machined, 9 x 9	1
7	*16489800A	Bumper, Conductive	4
8	*16467600A	Standoff, Corner Overload, 1.75 inch lg.	5
9	R0562700A	Screw, Set, M6 x 16 mm, SST	5
10	R0562500A	Nut, Hex, M6x, Jam, SST	6
11	12464300A	Clamp, Cable, 188 inch dia.	1
12	82715100A	Screw, Pan HD, M4 x 6 mm, SST (see Note 1)	2
13	16476900A	Level, Indicator, Stud Mnt.	1
14	15185700B	Platter, 9x9, W/O Lip	1
15	A16406800A	Wrench (not shown)	1
16	R0395700A	Rivet, Blind, 188-.250	2
17	*15494000A	Data Plate, SST	1
18	R0520100A	Washer, ID 0.25, OD 0.687, 0.06 THK Nylon	1
19	16536300A	Load cell, Analog, 20 kg, ZTC, SST	1
20	83015000A	Screw, Set, M6 x 10 mm, SST	1
21	*16560700A	Bracket, Mnt., Level, Bubble (see Note 1)	1
22	0208496104	Nut, M6x, Hex, Acorn, SST (see Note 1)	1



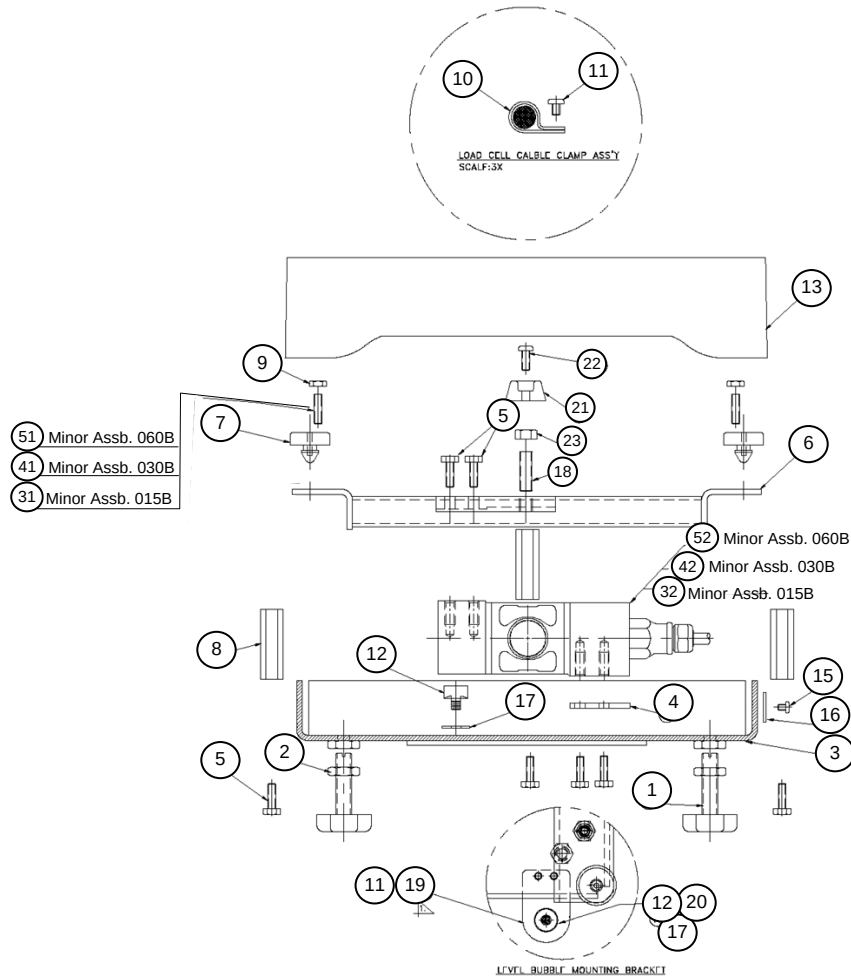
TRIMWEIGH III Base (9")

* Part number may have alpha prefix

Note 1: Some models include an extended level mount (QTY 1) with (1) acorn nut and (2) M4x pan head screws.

TRIMWEIGH III Base (12")

Ref.	Part Number	Description	Qty
1	(*)16470800A	Foot, Molded, 10 mm, SST	4
2	82708200A	Nut, Hex, Jam, M10 x, SST	4
3	(*)16404400A	Weldment, Base, 9 x 9	1
4	(*)16403800A	Spacer, LC Mounting	2
5	82712400A	Screw, Hex HD, M6 x 16 mm, SST	13
6	(*)16403300A	Frame, Top, Machined, 9 x 9	1
7	(*)16489800A	Bumper, Conductive	4
8	(*)16467600A	Standoff, Corner Overload, 1.75 inch lg.	5
9	R0562700A	Screw, Set, M6 x 16 mm, SST	5
10	R0562500A	Nut, Hex, M6x, Jam, SST	6
11	12464300A	Clamp, Cable, 188 inch dia.	1
12	82715100A	Screw, Pan HD, M4 x 6 mm, SST	2 (Note #1)
13	16476900A	Level, Indicator, Stud Mnt.	1
14	15185700B	Platter, 9x9, W/O Lip	1
15	A16406800A	Wrench (not shown)	1
16	R0395700A	Rivet, Blind, 188-.250	2
17	(*)15494000A	Data Plate, SST	1
18	R0520100A	Washer, ID 0.25, OD 0.687, 0.06 THK Nylon	1
19	16536300A	Load cell, Analog, 20 kg, ZTC, SST	1
20	83015000A	Screw, Set, M6 x 10 mm, SST	1
21	(*)16560700A	Bracket, Mnt., Level, Bubble	Note #1
22	0208496104	Nut, M6x, Hex, Acorn, SST	Note #1
Minor Assembly – TRIMWEIGH III Base 015B			
31	R0566600A	Screw, Set, HS, M6 x 25, SST	4
32	(*)16406000A	Load Cell, Analog, 20 kg, SST	1
Minor Assembly – TRIMWEIGH III Base 030B			
41	R0566600A	Screw, Set, HS, M6 x 25, SST	4
42	(*)16406100A	Load Cell, Analog, 50 kg, SST	1
Minor Assembly – TRIMWEIGH III Base 060B			
51	R0562700A	Screw, Set, HS, M6 x 16, SST	4
52	(*)16406200A	Load Cell, Analog, 100 kg, SST	1



TRIMWEIGH III Base (12")

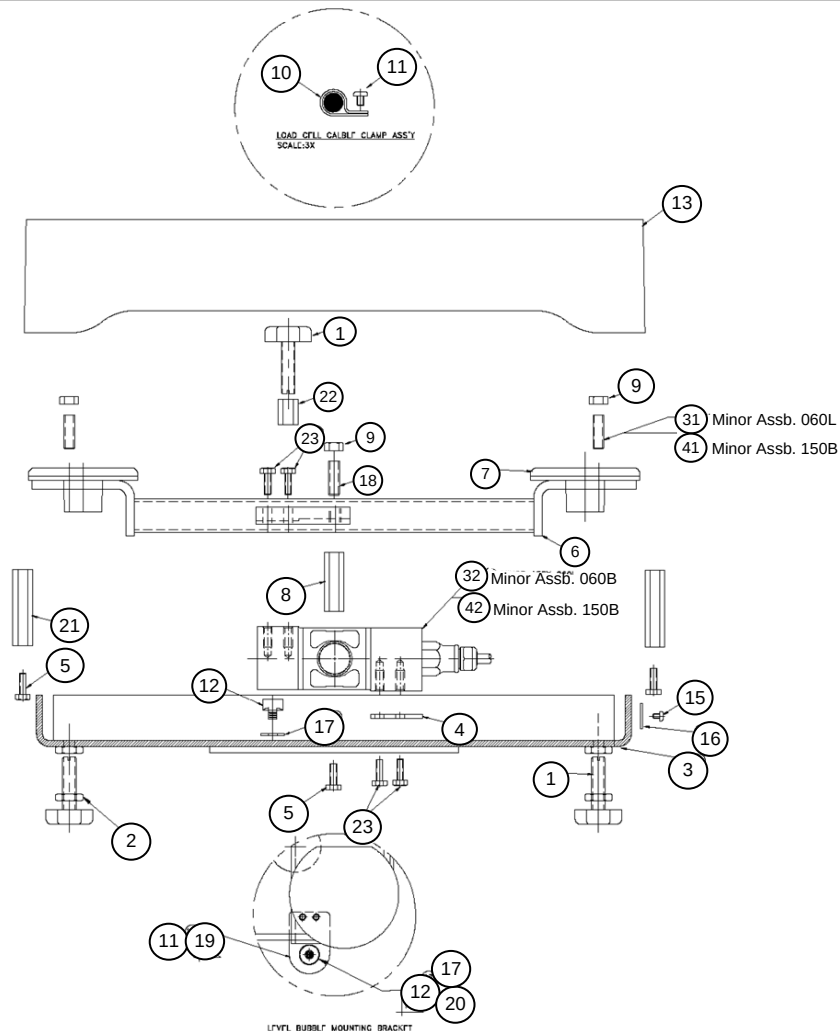
* Part number may have alpha prefix

Note 1: Some models include an extended level mount (QTY 1) with (1) acorn nut and (2) M4x pan head screws.

Model TrimWeigh

TRIMWEIGH III Base (18")

Ref.	Part Number	Description	Qty
1	*16470800A	Foot, Molded, 10 mm, SST	6
2	82708200A	Nut, Hex, Jam, M10x, SST	4
3	*16458500A	Weldment, Base, 18 x 18	1
4	*16403800A	Spacer, LC Mounting	1
5	82712400A	Screw, Hex HD, M6 x 16 mm, SST	6
6	*16444600A	Frame, Top, Machined, 18 x 18	1
7	*15083900A	Bumper, Conductive	4
8	*16467600A	Standoff, Corner Overload, 1.75 inch lg.	2
9	R0562600A	Nut, Hex, Jam, M8x, SST	6
10	12464300A	Clamp, Cable, 188 inch dia.	1
11	82715100A	Screw, Pan HD, M4 x 6 mm, SST	2 (Note #1)
12	16476900A	Level, Indicator, Stud Mnt.	1
13	15675000B	Platter, 18 x 18, W/O Lip	1
14	A16406800A	Wrench (not shown)	1
15	R0395700A	Rivet, Blind, 188-.250	2
16	*15494000A	Data Plate, SST	1
17	R0520100A	Washer, ID 0.25, OD 0.687, 0.06 THK Nylon	1
18	R0562900A	Screw, Set, M8 x 25 mm, SST	2
19	*16560700A	Bracket, Mnt, Level, Bubble	Note #1
20	0208496104	Nut, M6x, Hex, Acorn, SST	Note #1
21	*16467500A	Standoff, Corner Overload, 2.25 inch lg.	4
22	*16467700A	Spacer, M10x, Through Thread, SST	2
23	82712500A	Screw, Hex HD, M6 x 16 mm, SST	8
Minor Assembly – TRIMWEIGH III Base 060L			
31	R0563600A	Screw, Set, HS, M8 x 30, SST	4
32	*16406200A	Load Cell, Analog, 100 kg, SST	1
Minor Assembly – TRIMWEIGH III Base 150B			
41	R0563600A	Screw, Set, HS, M8 x 30, SST	4
42	*16406300A	Load Cell, Analog, 200 kg, SST	1



TRIMWEIGH III Base (18")

* Part number may have alpha prefix

Note 1: Some models include an extended level mount (QTY 1) with (1) acorn nut and (2) M4x pan head screws.

UB10P, 20P, 50P

Part Number	Description
*14503600A	LOAD CELL, 30KG (10)
*14503700A	LOAD CELL, 60KG (20)
*14503800A	LOAD CELL, 140KG (50)
*13510700A	SPIDER (10)
*13510800A	SPIDER (20 & 50)
*13510400A	UPPER L/C SPACER (10)
*13510500A	UPPER L/C SPACER (20)
*13510600A	UPPER L/C SPACER (50)
A12233900A	LOWER L/C SPACER (10)
*12259100A	LOWER L/C SPACER (20)
*13304200A	LOWER L/C SPACER (50)
A14752100B	PLATTER (10P, 20P, & 50P) STA.STL.
*10268900A	LEVEL
*13084100A	SQUARE HOLE PLUG
*13333200A	CENTER PAD
A13253600A	PLATTER PAD
*13797000A	ADJUSTABLE FOOT
A13304500A	LOAD CELL COVER ASSB.
B13304000A	LOAD CELL HARNESS
*13011500A	LOAD CELL CABLE, 10'

UB10PH, 20PH, 50PH

Part Number	Description
A14764400A	LOAD CELL, 30KG (10PH & 20PH)
*15391600A	LOAD CELL, 30KG, 25' (10PHC & 20PHC)
A14764500A	LOAD CELL, 100KG (50PH)
*15391700A	LOAD CELL, 100KG, 25' (50PHC)
R0408800A	L/C MOUNTING BOLTS
*13738100A	NUT PLATE, L/C
B14752100B	PLATTER
*13738500A	PLATTER PAD, CENTER
A13253600A	PLATTER PAD
*13737200A	SPIDER
*13738200A	LEVEL PLATE
*10268900A	LEVEL
*13738300A	I/O BRACKET
*13797000A	FOOT, ADJUSTABLE

UB100P and PH, 150P and PH

Part Number	Description
14503900A	LOAD CELL, 140KG (100P)
A14764500A	LOAD CELL, 100KG (100PH)
A14504000A	LOAD CELL, 300KG (150P)
A14764600A	LOAD CELL, 300KG (150PH)
A13299300A	SPACER FOR 140KG L/C (100P)
*13299400A	SPACER L/C (100PH, 150P, & 150PH)
R0392200A	L/C MOUNTING SCREW, 140KG (100P)
R0390300A	WASHER, L/C MOUNTING (100P)
R03902 00A	L/C MOUNTING SCREW (100PH, 150P, & 150PH)
R0389800A	WASHER, L/C MOUNTING (100PH, 150P & 150PH)
B14752300A	PLATTER
*10268900A	LEVEL
*13257800A	OVERLOAD STOP, OUTSIDE
A13299000A	OVERLOAD STOP, INSIDE
*13253900A	FRAME PAD
A13254100A	FOOT/PLATTER PAD

UB200P, 500P, 200PH, 500PH

Part Number	Description
A14504100A	LOAD CELL, 500KG (200P)
A14764700A	LOAD CELL, 500KG (200PH)
A14504200A	LOAD CELL, 1000KG (500P)
A147648 00A	LOAD CELL, 1000KG (500PH)
A14752500A	PLATTER, SS
R0390400A	L/C MOUNTING SCREW
R0390000A	WASHER, L/C MOUNTING
*10268900A	LEVEL
A13299000A	OVERLOAD STOP, INSIDE
*13257800A	OVERLOAD STOP, OUTSIDE
*13254000A	FRAME PAD
A13254100A	FOOT/PLATTER PAD

* Part number may have an alpha prefix

Models UADT and UWT

UADT

Part Number	Description
90800900A	Printer Thermal Paper, 8" diameter x 79.5 mm
90777700A	Thermal Printer
90799300A	Ethernet Print Server
90778700A	81-Character QWERTY NEMA 4 Keyboard
90892000A	4-Line LCD Display
90835100A	4-Line Display Lens
15006800A	LCD Display Power Supply, 5V dc
90406200A	200W Panel Heater, 115V
90823800A	Intercom, #LE-DA
90787000A	Proximity Reader
*15265700A	Proximity Reader Power Supply, 12Vdc
Inquire	JAGXTREME Terminal

UATA

Part Number	Description
90800900A	Printer Thermal Paper, 8" diameter x 79.5 mm
90777700A	Thermal Printer
90799300A	Ethernet Print Server
90778700A	81-Character QWERTY NEMA 4 Keyboard
90892000A	4-Line LCD Display
90835100A	4-Line Display Lens
15006800A	LCD Display Power Supply, 5V dc
90406200A	200W Panel Heater, 115V
90823800A	Intercom, #LE-DA
90787000A	Proximity Reader
*15265700A	Proximity Reader Power Supply, 12Vdc
Inquire	JAGXTREME Terminal

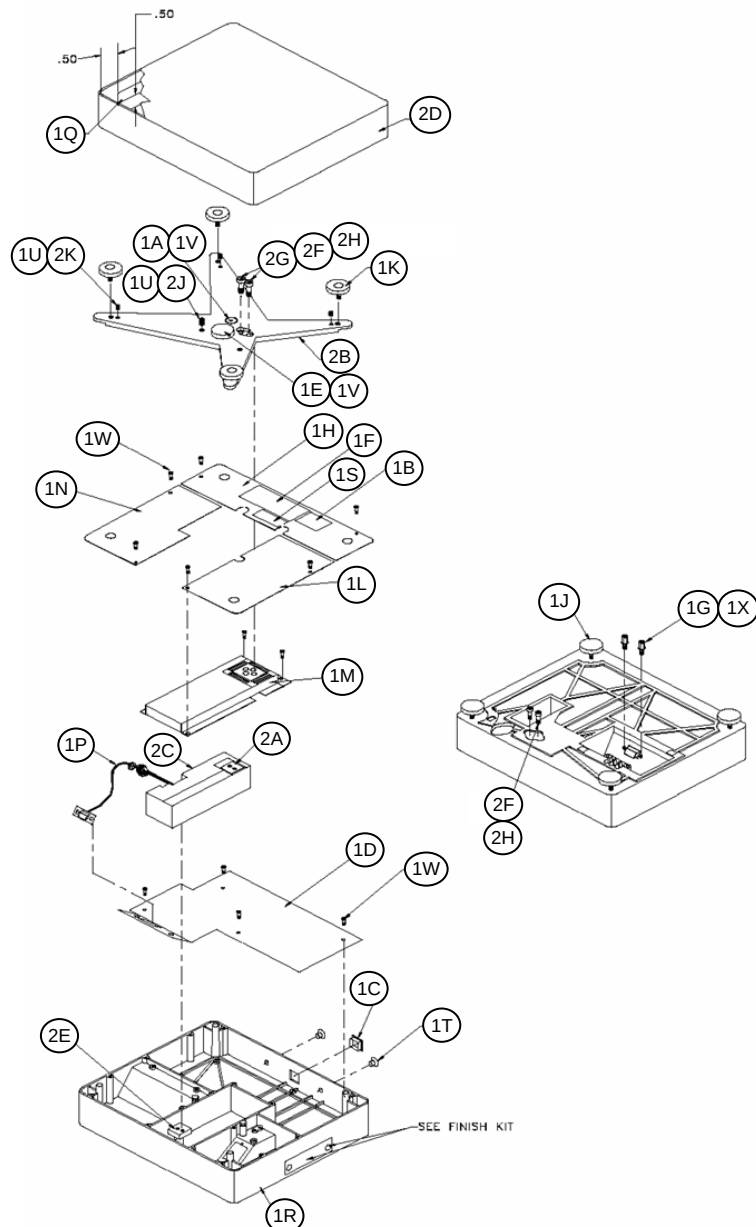
UWT

Part Number	Description
90885800A	Printer Thermal Paper, 8" diameter x 60 mm
90871900A	Thermal Printer
90910500A	M-T522AF-011 Print Head, for TK-41-60 Fenix Printer
90778700A	81-Character QWERTY NEMA 4 Keyboard
90406200A	200W Panel Heater, 115V
90823800A	Intercom, #LE-DA
90787000A	Proximity Reader
*15265700A	Proximity Reader Power Supply, 12 VDC
Inquire	JAGXTREME Terminal

* Part number may have alpha prefix

UltraRes UB10P, 20P, and 50P

Ref.	Part Number	Description	Qty.
1A	*10268900A	Level	1
1B	*11603300A	Static Awareness Caution Label	1
1C	*13084100A	Square Hole Plug, 0.830	1
1D	*13257300A	Battery/Connector Bracket	1
1E	*13333200A	Center Pad	1
1F	*13334800A	Service Warning Label	1
1G	*13586500A	Screw/Standoff, 4 - 40	2
1H	*13761200A	Cavity Cover, Rear	1
1J	*13797000A	Adjustable Foot	4
1K	A13253600A	Foot/Platter Pad	4
1L	A13292500A	Cavity Cover, Right	1
1M	A13304500A	Load Cell Cover Assembly	1
1N	A13761100A	Cavity Cover, Left	1
1P	B13304000A	Load Cell Harness	1
1Q	B13612500A	Patent Label (Black)	1
1R	D13300800A	Assembly Base	1
1S	D11397100A	FCC Label (Black on White)	1
1T	R0391100A	Hole Plug	1
1U	*141831R	Specified Adhesive Loctite #242 Suffix	1
1V	*146052R	Specified 409 Adhesive (Clear) Suffix	1
1W	R02180050	Pan Head Screw, TT, 8 - 32 x 0.38	12
1X	R0254200A	Washer, Lock External Star #4	2
Not Shown	*13011500A	Load Cell Cable, 10 ft.	1



UltraRes UB10P, 20P, and 50P

* Part number may have an alpha prefix

Model UltraRes

UltraRes UB10P Base

Ref.	Part Number	Description	Qty.
2A	*13510400A	Spacer Block, 30kg Up	1
2B	*13510700A	Upper frame, 30kg Machined	1
2C	*14503600A	Qualified Assembly, 30kg DMILC, UltraRes	1
2D	B14752100A	Platter, SS	1
2E	A12233900A	Load Cell Spacer	1
2F	R0350700A	Cap Screw, 1/4 - 28 x 1 SOC	2
2G	R0350800A	Cap Screw, 1/4 - 28 x 1 SOC	2
2J	R0384100A	Set Screw, 3/8 - 24 x 1	2
2K	R0399300A	Set Screw, 3/8 - 24 x 3/8	4

UltraRes UB20P Base

Ref.	Part Number	Description	Qty.
2A	*13510500A	Spacer Block, 60kg Up	1
2B	*13510800A	Upper frame, 60/140kg Machined	1
2C	*14503700A	Qualified Assembly, 60kg DMILC, UltraRes	1
2D	B14752200B	Platter, SS	1
2E	*12259100A	Load Cell Spacer, 60kg	1
2F	R0350700A	Cap Screw, 1/4 - 28 x 1 SOC	2
2G	R0256600A	Washer, Flat,	2
2J	R0357500A	Set Screw, 3/8 - 24 x 1/2	2
2K	R0364600A	Set Screw, 1/4- 28 x 1/2	4

UltraRes UB50P Base

Ref.	Part Number	Description	Qty.
2A	*13510500A	Spacer Block, 60kg Up	1
2B	*13510800A	Upper frame, 60/140kg Machined	1
2C	*14503800A	Qualified Assembly, 140 kg DMILC, UltraRes	1
2D	B14752100B	Platter, SS	1
2E	*12259100A	Load Cell Spacer, 140 kg	1
2F	R0350700A	Cap Screw, 1/4 - 28 x 1 SOC	2
2G	R0256600A	Washer, Flat	2
2J	R0357500A	Set Screw, 3/8 - 24 x 1	2
2K	R0364600A	Set Screw, 1/4- 28 x 1/2	4

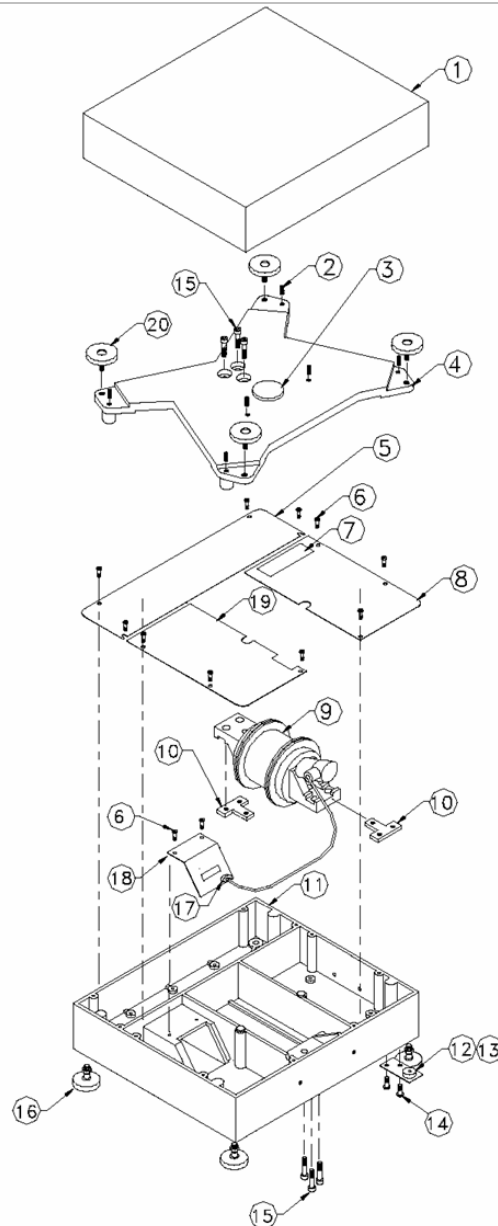
UltraRes UB10, UB20, and UB50 Accessories

Factory Number	Description
0924-0044	Carbon Steel Stand
0906-0142	Ball Transfer Platform

* Part number may have an alpha prefix

UltraRes UB10PH, 20PH, and 50PH

Ref.	Part Number	Description	Qty
1	B14752000B	Platter, SS	1
2	R0408400A	Set Screw, M8x30-Flat	1
3	*13738500A	Platter Pad, 1/8 in	6
4	*13737200A	Upper frame	1
5	*13738000A	Cavity Cover, Front	1
6	R0408600A	Screw, M4x8-Pan - Taptite	12
7	B13612500A	Label, Patent	1
8	*13737900A	Cavity Cover, Left	1
9	A14764400A	Load Cell, 30kg for UB10H and UB20H	1
	A14764500A	Load Cell, 100kg for UB50H	1
10	*13738100A	Nut Plate, 3xM8 SS	2
11	A13738600A	Base Assembly	1
12	*13738200A	Level Plate	1
13	*10268900A	Level	1
14	R01913020	Screw, 10-32 x 3/8 one way	2
15	R0408800A	Screw, M8x45 - Hex Soc Hd	6
16	*13797000A	Adj. Foot	4
17	*11151400A	Strain Relief Bushing	1
18	*13738300A	I/O Bracket	1
19	*13737800A	Cavity Cover, Right	1
20	A13253600A	Foot/Platter Pad	4



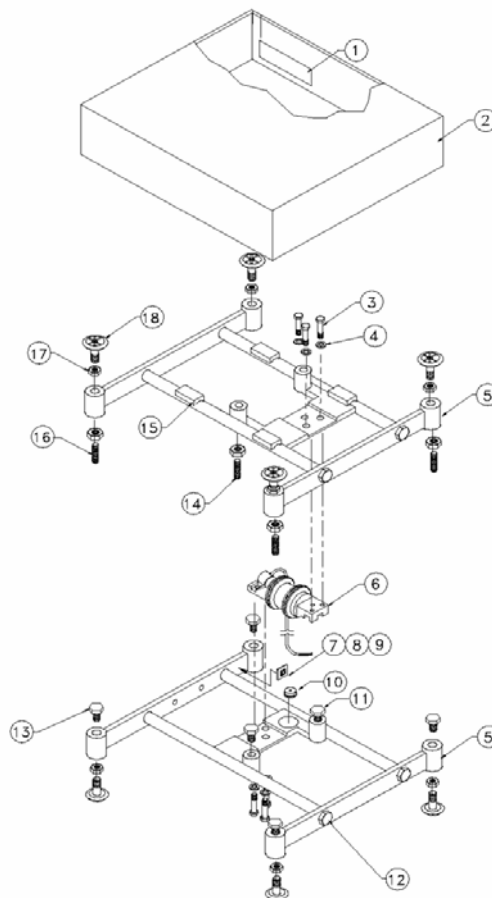
UltraRes UB10PH, 20PH, and 50PH

* Part number may have an alpha prefix

Model UltraRes

UltraRes UB100P, 150P, 100PH, and 150PH

Ref.	Part Number	Description	Qty
1	B13612500A	Patent Label	1
2	B14752300A	Platter	1
5	*13555000A	Machine Frame	2
7	R0388000A	Rivet	5
8	*09591500A	Tie Wrap	1
9	*13586600A	Tie Holder	1
10	*10268900A	Level Bubble	1
11	A13299000A	Overload Stop, Inside	2
12	R0276200A	Cap Screw, 3/8 - 16 x 1	6
13	*13257800A	Overload Stop, Outside	4
14	A13305500A	Set Screw, Inside	2
15	*13253900A	Pad	4
16	*13258700A	Set Screw, Outside	4
17	*009131050	Nut, Hex	14
18	A13254100A	Foot/Platter Pad	8



UltraRes UB100P, 150P, 100PH, and 150PH

UltraRes UB100P Base

Ref.	Part Number	Description	Qty
3	R0392200A	Screw, Cap, 5/16 - 18 x 1.25	14
4	R0390300A	Washer, Flat, 0.344 ID	4
6	*14503900A	Load Cell Assembly, 140 kg	1
Not Shown	A13299300A	Load Cell Spacer, 140 kg	2

UltraRes UB100PH and 150PH Base

Ref.	Part Number	Description	Qty
3	R0390200A	Screw, 3/8 - 24 x 2	6
4	R0389800A	Washer, Flat, 0.406 ID	6
6	A14504000A	Load Cell Assembly, 300 kg for UB150P	1
	A14764500A	Load Cell Assembly, 100 kg for UB100PH	1
	A14764600A	Load Cell Assembly, 300 kg for UB150PH	1
Not Shown	*13299400A	Load Cell Spacer	1

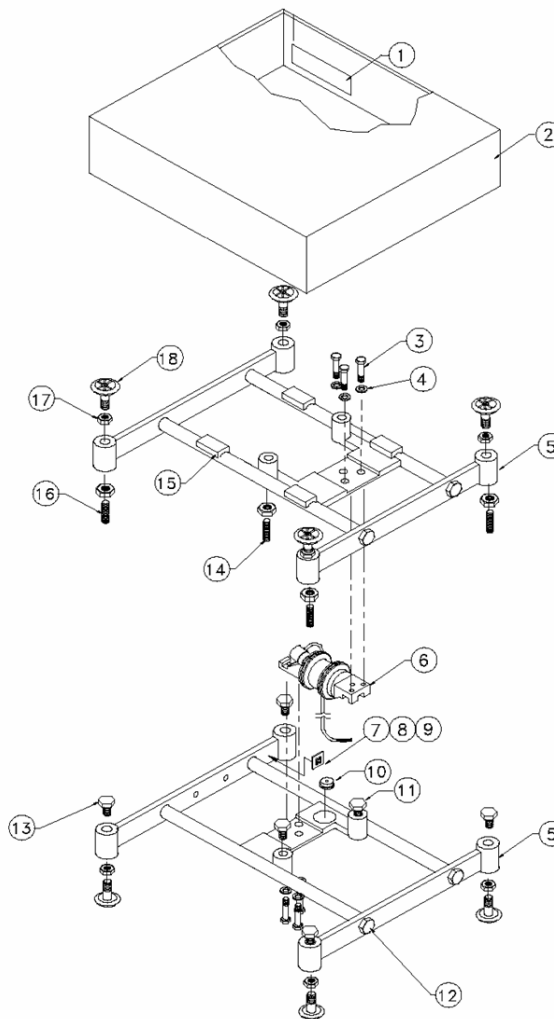
UltraRes UB100, UB150 Accessories

Factory Number	Description
0924-0037	19 in Aluminum Column
0924-0047	Ball Transfer Platform 18 in Stainless Steel Column*
0924-0045	Column Mount (used with 0924-0037 column)
0924-0044	Carbon Steel Stand
0906-0143	Ball Transfer Platform

* Part number may have an alpha prefix

UltraRes UB200P, 500P, 200PH, and 500PH

Ref.	Part Number	Description	Qty
1	B13612500A	Patent Label	1
2	A14752500A	Platter, SS	1
3	R0390400A	Screw, Hex 1/2 - 20 x 2 1/2	6
4	R0390000A	Washer, Flat, .0531 ID C.S.	6
5	*13551800A	Machine Frame	2
6	A14504100A	Load Cell Assembly, 500 kg for UB200P	1
	A14504200A	Load Cell Assembly, 1000 kg for UB500P	1
	A147647 00A	Load Cell Assembly, 500kg for UB200PH	1
	A147648 00A	Load Cell Assembly, 1000kg for UB500PH	1
7	R0388000A	Rivet	1
8	*09591500A	Tie Wrap	1
9	*13586600A	Tie Holder	1
10	*10268900A	Level Bubble	1
11	A13299000A	Overload Stop, Inside	2
12	R0392800A	Cap Screw, 3/8 - 16 x 1/2	7
13	*13257800A	Overload Stop, Outside	4
14	*13305400A	Set Screw, Inside	2
15	*13254000A	Pad	4
16	*13258000A	Set Screw, Outside	4
17	*009131050	Nut, Hex 3/8 - 24	16
18	A13254100A	Foot/Platter Pad	8



UltraRes UB200P, 500P, 200PH, and 500PH

* Part number may have an alpha prefix

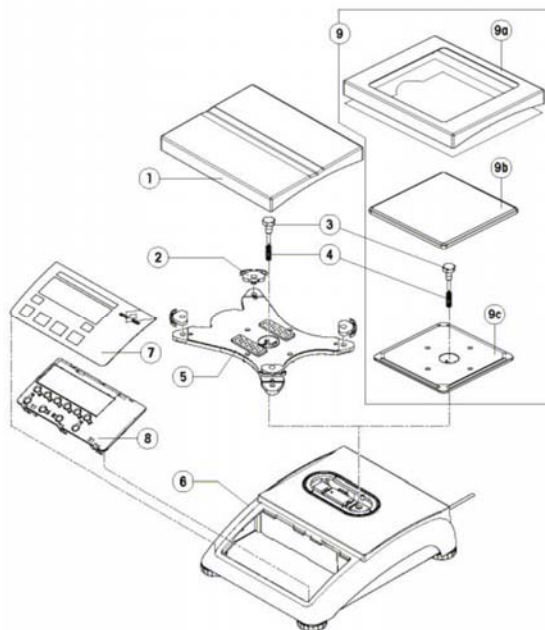
UltraRes UB200, UB500 Accessories

Factory Number	Description
0924-0037	19 in Aluminum Column
0924-0039	39 in Aluminum Column
0924-0045	Column Mount (for either column)
0924-0041	Carbon Steel Wheel Kit (eliminates the need for column mount)

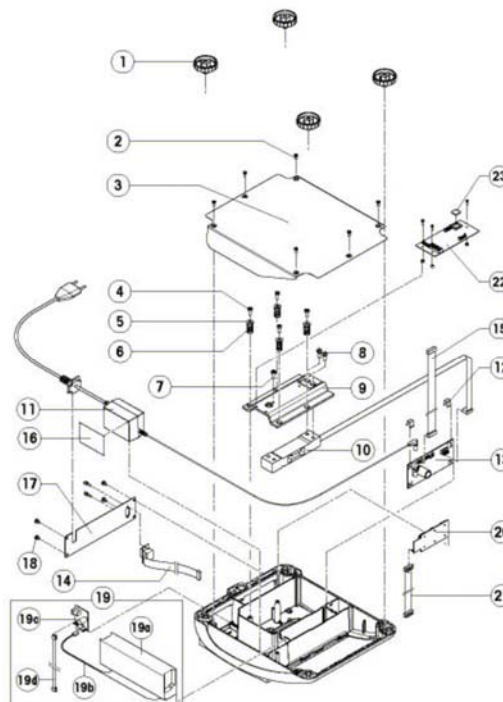
Model VIPER

VIPER Small Platform

Ref.	Part Number	Description	Qty.
1	21203071	Weighing pan 7.9" x 9.5" (200 x 240mm)	1
2	21203073	Rubber cushions	4
3	Included in fastener set	Countersunk Torx screw M6 x 30	2
4	—	Pan support plate 7.9" x 9.5" (200 x 240mm)	1
5	—	Housing, VIPER with small platform	1
6	See VIPER display unit	Keypad overlay	1
7	See VIPER display unit	Mounting plate and display unit (digital PCB with LCD and back-light unit)	1



VIPER Small Platform



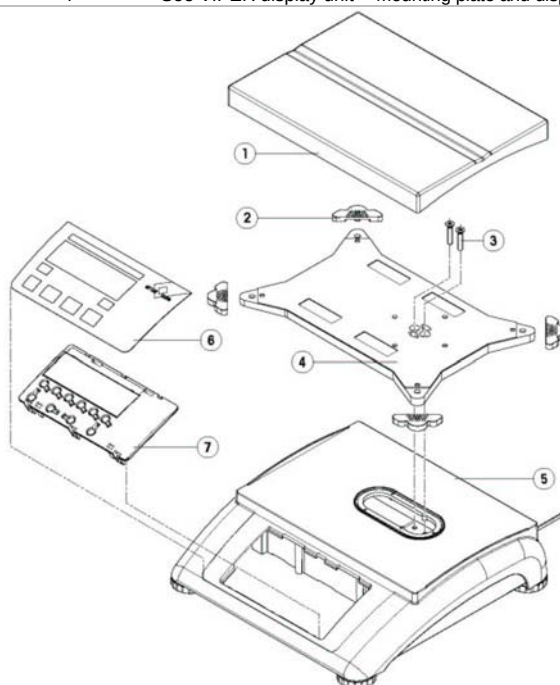
VIPER scales with Strain Gauge Weighing Cells

VIPER Scales with Strain Gauge Weighing Cells

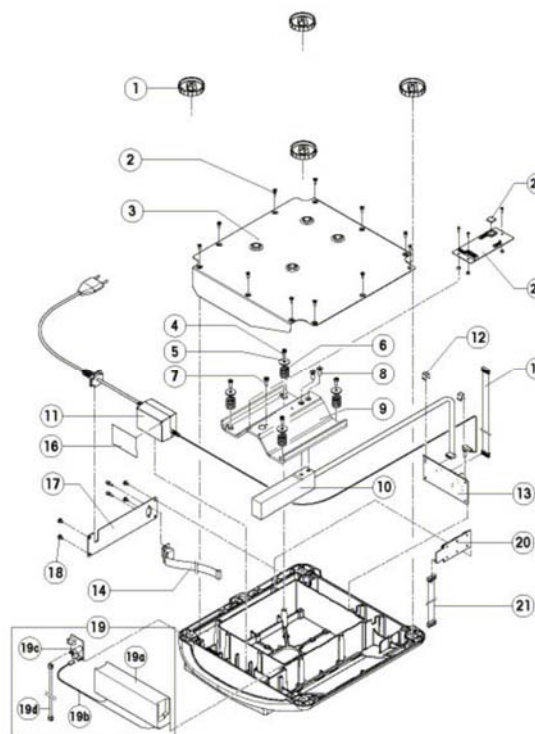
Ref.	Part Number	Description	Qty.
1	21203109	Adjustable foot . 1.7" (44 mm)/ M10 x 0.75mm	4
2	Included in fastener set	Countersunk Torx screw M4 x 10	6
3	—	Bottom plate for small platform	1
4	Included in fastener set	Button head Torx screw M4 x 12	4
5	Included in fastener set	Wide flange washer 4.3 x 20	4
6	See weigh cell	Overload spring	4
7	See weigh cell	Overload stop adjustment screw (with certain production series only)	1
8	Included in fastener set	Countersunk Torx screw M6 x 16	2
9	—	Overload plate for small platform	1
Weighing cell with cable (certifiable):			
10	21203143	C5MRS, weighing range 7.5 lb (3 kg)	1
	21203144	C10MRS, weighing range 12lb (6kg)	
	21203145	C20MRS, weighing range 24lb (12 kg)	
11	21203122	Bench AC adapter US version (always order together with item 16):	1
12	Included in fastener set	Spring clip	2
13	21203092	VIPER AN DMS 7k analog PCB	1
14	21203168	RS cable 18.1" (460mm)	1
15	21203164	A/D cable 4.3" (110 mm) for small platform model	1
16	21203184	Adhesive patch for AC adapter or battery	1
17	—	RS blanking plate (various types, depending on the equipment of the scale)	1
18	Included in fastener set	Button head Torx screw M4 x 6	4
For scales with AccuPac only:			
19a	21203232	Accu 12V/2,2Ah (always order together with item 16)	1
19b	21203233	Battery connection cable	1
19c	21203105	Charging circuit print (with fuse T2A/250V, order No. 0089385)	1
19d	21203231	Battery cable (charging PCB – analog PCB)	1
20	21203476	PCB RS option (2 x RS232C)	1
21	21203490	Connection cable RS option	1
22	21203383	PCB optional analog interface	1
23	21203715	EPROM with interface software (for optional analog interface)	1

VIPER Large Platform

Ref.	Part Number	Description	Qty.
1	21203072	Weighing pan 9.5" x 13.8" (240 x 350mm)	1
2	21203073	Rubber cushions	4
3	Included in fastener set	Countersunk Torx screw M6 x 30	2
4	—	Pan support plate 9.5" x 13.8" (240 x 350mm)	1
5	—	Housing, VIPER with Large platform	1
6	See VIPER display unit	Keypad overlay	1
7	See VIPER display unit	Mounting plate and display unit (digital PCB with LCD and back-light unit)	1



VIPER Large Platform



VIPER scales with Strain Gauge Weighing Cells

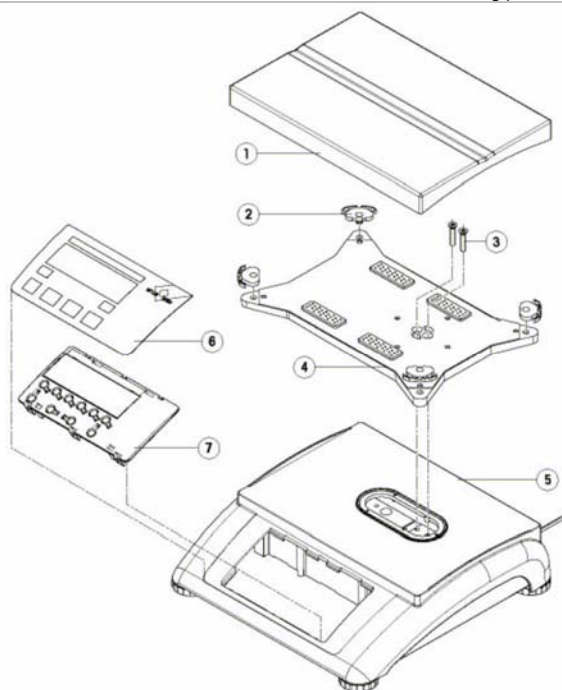
VIPER Scales with Strain Gauge Weighing Cells

Ref.	Part Number	Description	Qty.
1	21203110	Adjustable foot, 2.2" (55 mm)/M10 x 0.75mm	4
2	Included in fastener set	Countersunk Torx screw M4 x 10	11
3	—	Bottom plate for Large platform	1
4	Included in fastener set	Button head Torx screw M5 x 12	4
5	Included in fastener set	Wide flange washer 5.3 x 20	4
6	See weigh cell	Overload spring	4
7	See weigh cell	Overload stop adjustment screw (with certain production series only)	1
8	Included in fastener set	Countersunk Torx screw M6 x 16	2
9	—	Overload plate for Large platform	1
Weighing cell with cable (certifiable):			
10	21203151	C20MRL, weighing range 24 lb (12kg)	1
	21203152	C50MRL, weighing range 75 lb (30kg)	
	21203153	C100MRL, weighing range 120 lb (60 kg)	
11	21203122	Bench AC adapter US version (always order together with item 16):	1
12	Included in fastener set	Spring clip	2
13	21203092	VIPER AN DMS 7k analog PCB	1
14	21203168	RS cable 18.1" (460mm)	1
15	21203167	A/D cable 11.8" (300 mm) for Large platform model	1
16	21203184	Adhesive patch for AC adapter or battery	1
17	—	RS blanking plate (various types, depending on the equipment of the scale)	1
18	Included in fastener set	Button head Torx screw M4 x 6	4
For scales with AccuPac only:			
19a	21203232	Accu 12V/2.2Ah (always order together with item 16)	1
19b	21203233	Battery connection cable	1
19c	21203105	Charging circuit print (with fuse T2A/250V, order No. 0089385)	1
19d	21203231	Battery cable (charging PCB – analog PCB)	1
20	21203476	PCB RS option (2 x RS232C)	1
21	21203490	Connection cable RS option	1
22	21203383	PCB optional analog interface	1
23	21203715	EPROM with interface software (for optional analog interface)	1

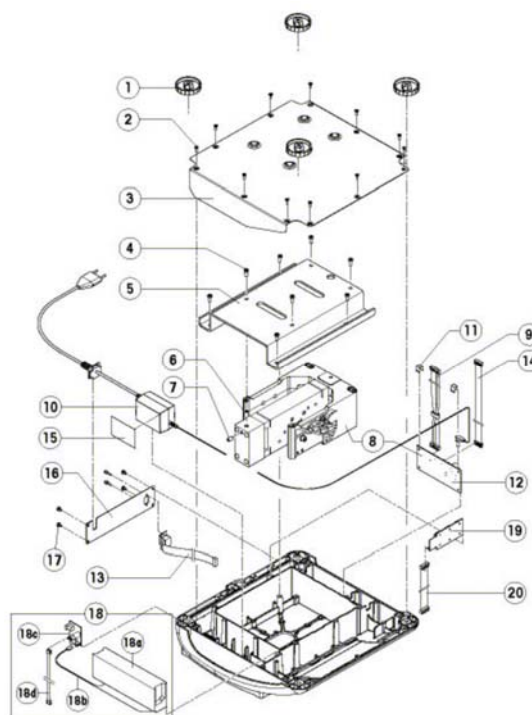
Model VIPER

VIPER Scales with MonoBloc Weighing Cells

Ref.	Part Number	Description	Qty
1	21203072	Weighing pan 9.5" x 13.8" (240 x 350mm)	1
2	21203238	Pan mount (rubber cushion)	4
3	Included in fastener set	Countersunk screw M6 x 30	2
4	—	Load plate support 9.5" x 13.8" (240 x 350mm)	1
5	—	Housing VIPER with Large platform	1
6	21203440	Keypad overlay	1
7	21203120	Mounting plate and display unit (digital PCB and display compl.)	1



VIPER Scales with MonoBloc Weighing Cells



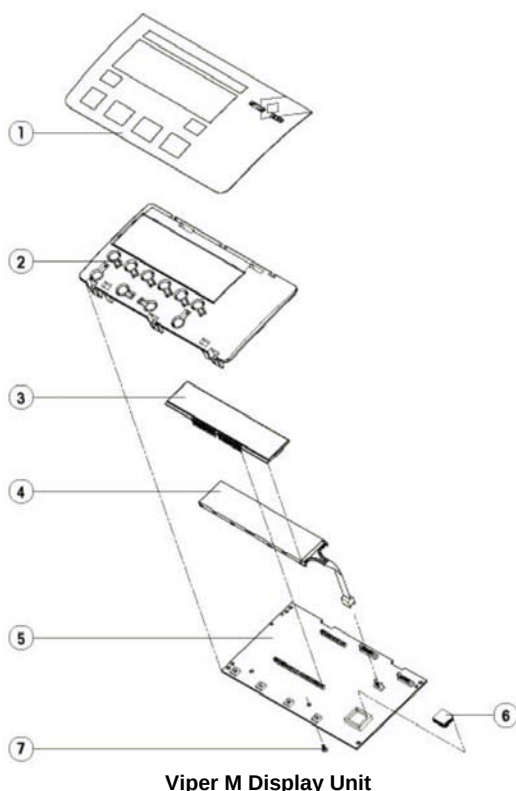
VIPER Scales with MonoBloc Weighing Cells (cont.)

VIPER Scales with MonoBloc Weighing Cells (continued)

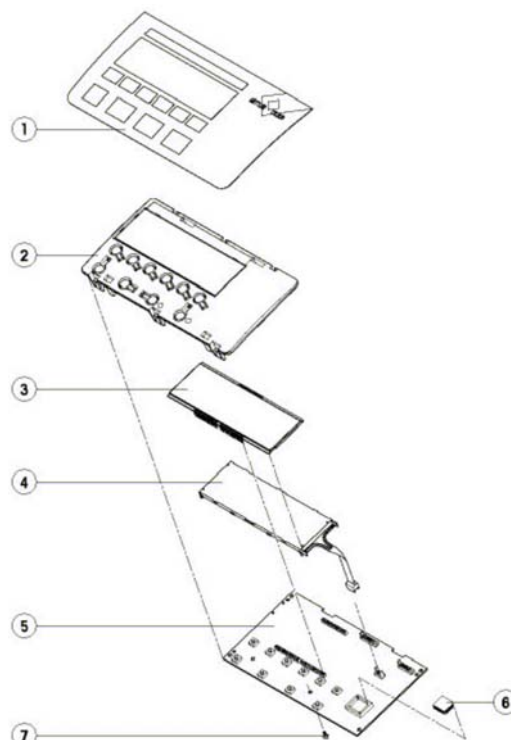
Ref.	Part Number	Description	Qty
1	21203110	Adjustable foot, 2.2" (55 mm)/M10 x 0.75mm	4
2	Included in fastener set	Countersunk Torx screw M4 x 10	11
3	—	Bottom plate for Large platform model	1
4	Included in fastener set	Cylinder head Torx screw M5 x 12	8
5	—	Overload plate	1
6	—	Overload stop: adjustment screw	1
7	—	Overload stop: adjustment screw	1
8	11102687	Weighing modules (load cell and analog PCB): Weighing module 32001 for 24 lb and 75 lb scales (12 kg and 30 kg)	1
9	21203290	Cell cable MB-LA with ferrite ring	1
10	21203122	Bench AC adapter US version (always order together with item 15)	1
11	Included in fastener set	Spring clip	2
12	21203100	VIPER AN MonoBloc analog PCB	1
13	21203168	RS cable 18.1" (460mm)	1
14	21203167	A/D cable 11.8" (300 mm), for large platform model	1
15	21203184	Adhesive patch for AC adapter or battery	1
16	—	RS connector plate (various types, depending on equipment of scales)	1
17	Included in fastener set	Cylinder head Torx screw M4 x 6	4
For scales with AccuPac only:			
18	21203232	Accu 12V/2.2Ah (always order together with item. 15)	1
18b	21203233	Battery connection cable	1
18c	21203105	Charging circuit print (with fuse T2A/250 V, order No. 0089385)	1
18d	21203231	Battery cable (store PCB – analog PCB)	1
19	21203476	PCB RS option (2 x RS232C)	1
20	21203490	Connection cable RS option	1

Viper M Display Unit with Large Platform

Ref.	Part Number	Description	Qty
1	21203443	Keypad overlay for Viper M Large platform model	1
2	21203120	Display mounting plate for Viper M (always order together with item 1)	1
3	21203134	LCD for Viper M	1
4	21203136	Back-light unit for Viper M	1
5	21203098	VIPER DIG M digital PCB	1
6		EPROM with scale program:	
	21203583	EPROM for Viper M scales with strain gauge weighing cell	1
	21203584	EPROM for Viper M scales with MonoBloc weighing cell	1
7	Included in fastener set	Retaining screw	1



Viper M Display Unit



Viper L Display Unit

Viper L Display Unit

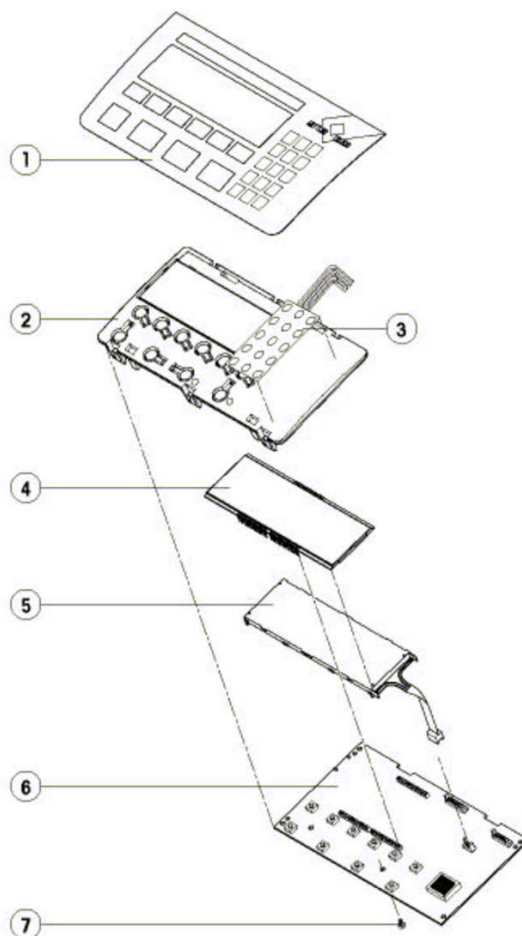
Ref.	Part Number	Description	Qty.
1	21203444	Keypad overlay for Viper L Large platform model	1
2	21203491	Display mounting plate for Viper L (always order together with item 1)	1
3	21203135	LCD for Viper L	1
4	21203137	Back-light unit for Viper L/D	1
5	21203097	VIPER DIG L digital PCB	1
6		EPROM with scale program:	
	21203588	EPROM for Viper L scales with strain gauge weighing cell	1
	21203587	EPROM for Viper L scales with MonoBloc weighing cell	1
7	Included in fastener set	Retaining screw	1

Model VIPER D

Viper D Display Unit

Ref.	Part Number	Description	Qty
1	21203445	Keypad overlay for Viper D Large platform model	1
2	21203448	Display mounting plate for Viper D (always order together with items 1 and 3)	1
3	21203439*	Pressure sensitive membrane for numeric keypad (15 keys)	1
4	21203687	LCD for Viper D	1
5	21203137	Back-light unit for Viper L/D	1
6	21203524	VIPER DIG D digital PCB with FLASH Memory chip (soldered)	1
7	Included in fastener set	Retaining screw	1

* Always order together with item 1.



Viper D Display Unit

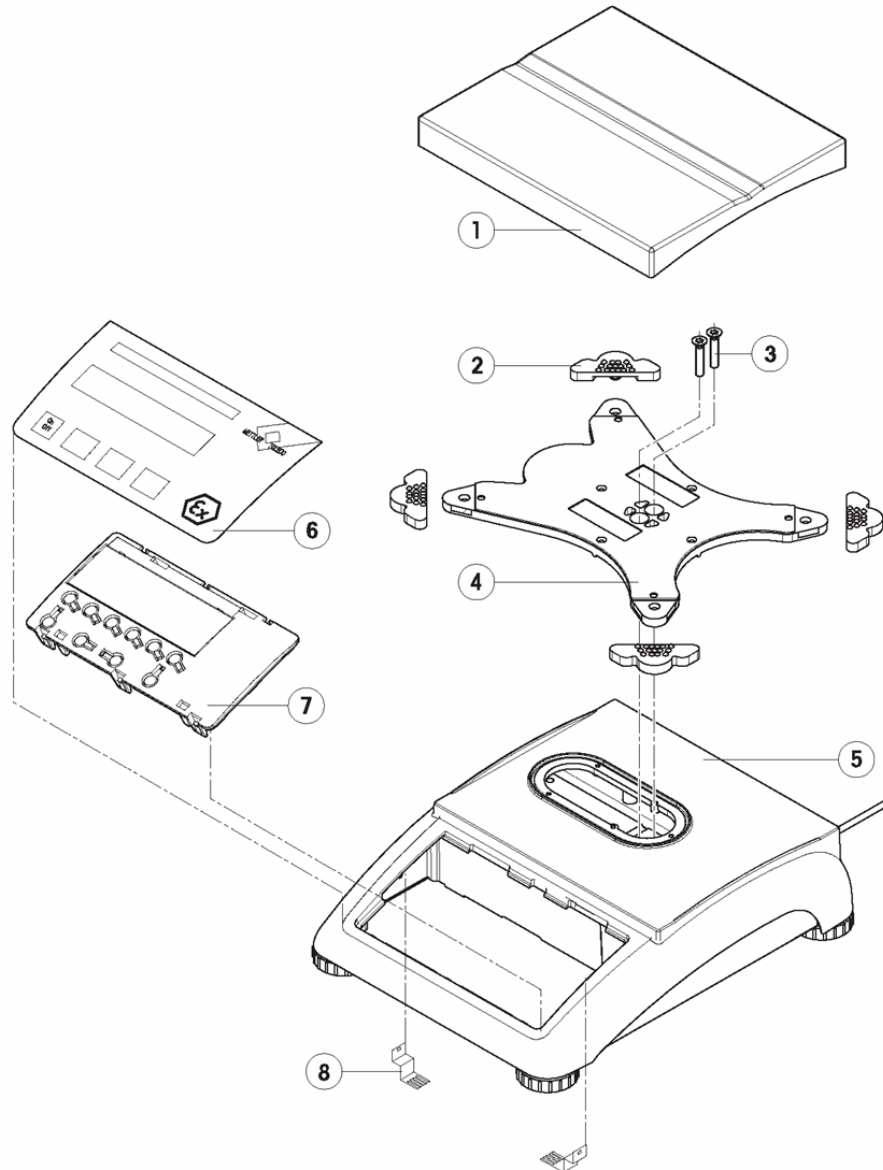
VIPER Fastener Set

Part Number	Description	Qty.
21203404	Fasteners set:	1
	Countersunk Torx screw M3 x 8	20
	Countersunk Torx screw M3 x 10	20
	Countersunk Torx screw M6 x 30	20
	Countersunk Torx screw M4 x 10	20
	Button head Torx screw M3 x 6	30
	Button head Torx screw M4 x 12	30
	Button head Torx screw M5 x 12	30
	Wide flange washer 4.3 x 20	20
	Wide flange washer 5.3 x 20	20
	Countersunk Torx screw M6 x 16	20
	Spring clip	20
	Pan head Torx screw M4 x 6	50

The fasteners set comprises all the standard components (screws and washers) required for service work on Viper scales with large and Large platforms, plus the spring clips that hold the analog PCB in place

VIPER EX

Ref.	Part Number	Description	Qty.
1	21203071	Weighing pan 200 x 240 mm (weight 420 g)	
2	21203073	Rubber cushions 1)	4
3	—	Countersunk Torx screw M6 x 30 *	2
4	—	Pan support plate 200 x 240 mm (weight 330 g)	1
5	—	Housing, VIPER with small platform	1
6	Subsection 2	Keypad overlay	1
7	Subsection 2	Mounting plate and display unit (digital PCB with LCD and backlighting unit)	1
8	21203480	EMC clamp	2



VIPER EX

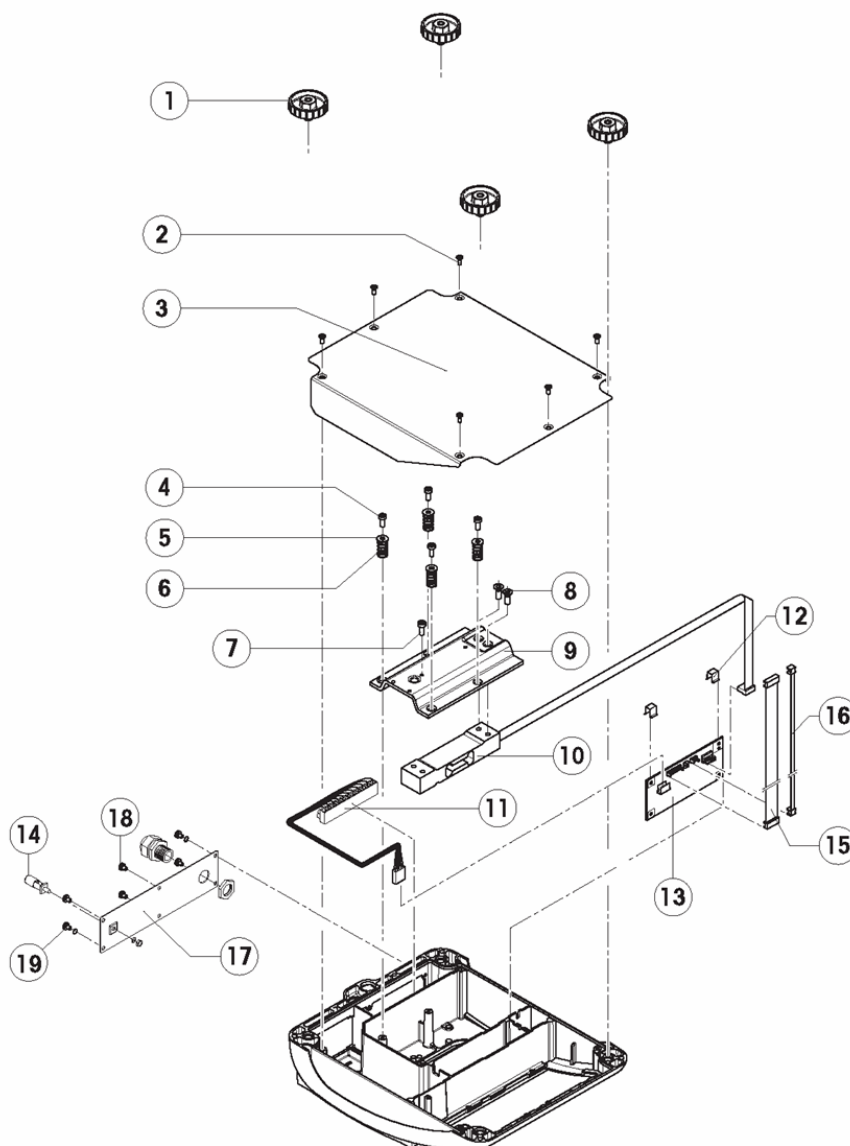
* Included in the fasteners set

1) New rubber cushions have a hole in the surface to assist with assembly. A pin can be used to insert the cushion into the corresponding drilled hole in the load plate support. Earlier rubber cushions did not have this assembly aid.

Model VIPER D

VIPER EX with Strain Gauge Cells

Ref.	Part Number	Description	Qty.
1	21203109	Adjustable foot , 44 mm (M10 x 0.75mm)	4
2	*	Countersunk Torx screw M4 x 10 (for newer versions, 6 screws)	4
3	—	Bottom plate for small platform model	1
4	*	Button head Torx screw M4 x 12	4
5	*	Wide flange washer 4.3 x 20	4
6	**	Overload spring	4
7	**	Overload stop adjustment screw (with certain production series only)	1
8	*	Countersunk Torx screw M6 x 16	2
9	—	Overload plate for small platform model	1
10		Weighing cell with cable (certifiable)	1
	21203873	Weighing range 3 kg: LC0765-5-MRV	
	21203874	Weighing range 6 kg: LC0765-10-MRV	
	21203875	Weighing range 15kg: LC0765-20-MRV	
11	21203732	Wire harness Ex	1
12	21203166	Spring clip *	2
13	21203577	VIPER Ex DMS analog PCB	1
14	21050066	Grounding screw EX	1
15	21203164	A/D cable 110mm for small platform model	1
16	21203852	Connection cable Ex 4 pins	1
17	—	Connector plate Ex	1
18	*	Raised cheese head Torx screw M4 x 6	4
19	—	Raised cheese head Torx screw M4 x 8 with tooth lock washer	2

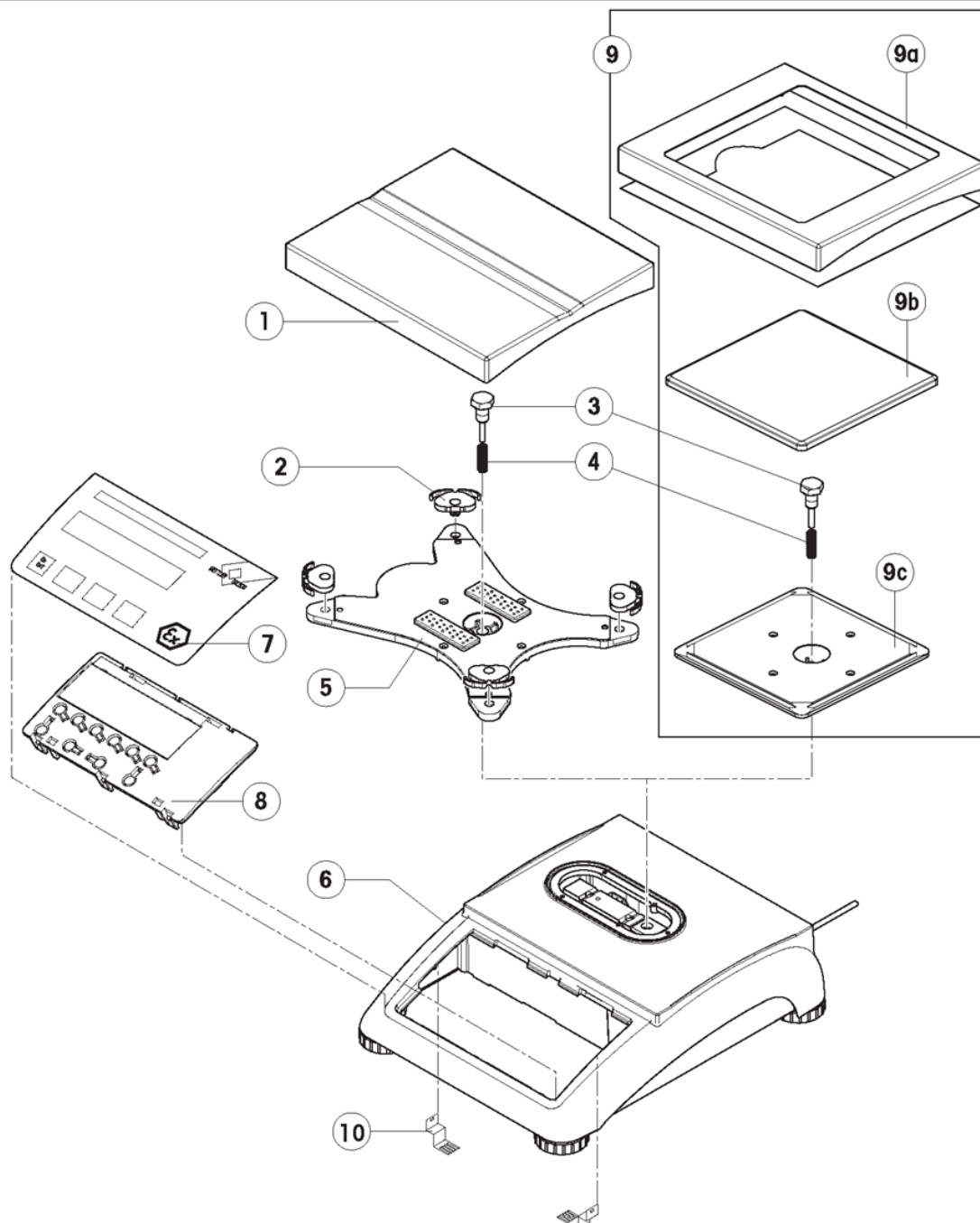


VIPER EX with Strain Gauge Cells

* Included in the fasteners set

VIPER EX with Monobloc

Ref.	Part Number	Description	Qty.
1	21203071	Weighing pan 200 x 240 mm (weight 420 g) for 6 kg scale	1
2	21203238	Pan mount (rubber cushion)	4
3	—	Hexagon screw for load plate support	1
4	—	Fastener spring	1
5	—	Load plate support 200 x 240 mm (weight 300g)	1
6	—	Case VIPER with small platform	1
7	Section 2	Keypad overlay	1
8	Section 2	Mounting plate and display unit (digital PCB and display compl.)	1
9	—	For XS models only (1.5 kg und 3 kg):	1
9a	21203299	Draft shield and screen	1
9b	00225158	Weighing pan 165 x 165 mm for XS model (weight 225g)	1
9c	—	Load plate support 165 x 165mm for XS model (weight 290g)	1
10	21203480	EMC clamp	2



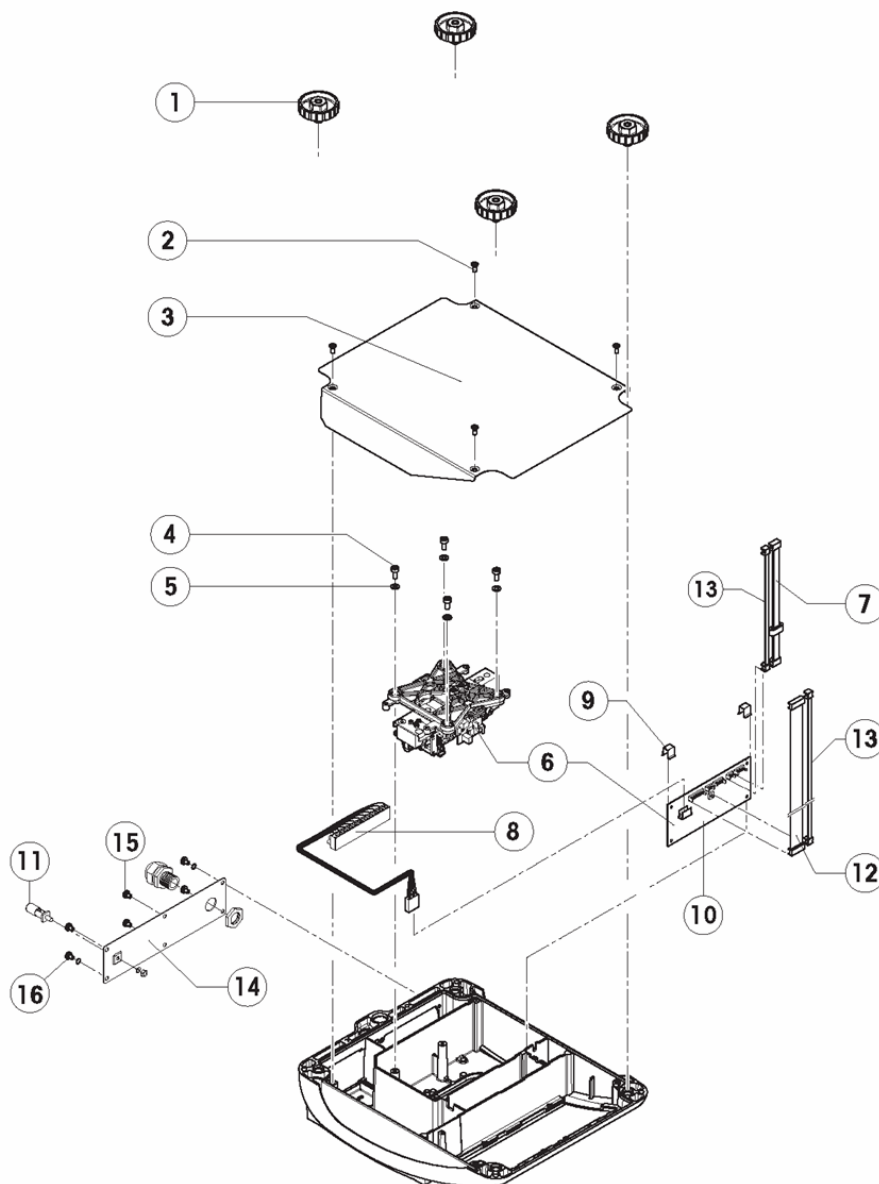
VIPER EX with Monobloc

* Included in the fasteners set

Model VIPER EX

VIPER EX with Monobloc

Ref.	Part Number	Description	Qty.
1	21203109	Adjustable foot , 44 mm (M10 x 0.75mm)	4
2	*	Countersunk Torx screw M4 x 10 (for newer versions, 6 screws)	4
3	—	Bottom plate for small platform model	1
4	—	Cylinder head Torx screw M4 x 12	4
5	*	Flange washer 4.3 x 9	4
6		Weighing module (load cell and analog PCB)	1
	21204011	Weighing module 3002 Ex (for weighing ranges 1.5 kg and 3 kg)	
	21204012	Weighing module 6001 Ex (for weighing range 6 kg)	
7	21203990	Cell PCB cable Ex	1
8	21203732	Wire harness Ex	1
9	21203166	Spring clip	2
10	21203576	VIPER Ex MonoBloc analog PCB	1
11	21050066	Grounding screw EX	1
12	21203164	A/D cable 110mm for small platform model	1
13	21203852	Connection cable Ex 4 pins	1
14	—	Connector plate Ex	1
15	*	Raised cheese head Torx screw M4 x 6	4
16	—	Raised cheese head Torx screw M4 x 8 with tooth lock washer	2

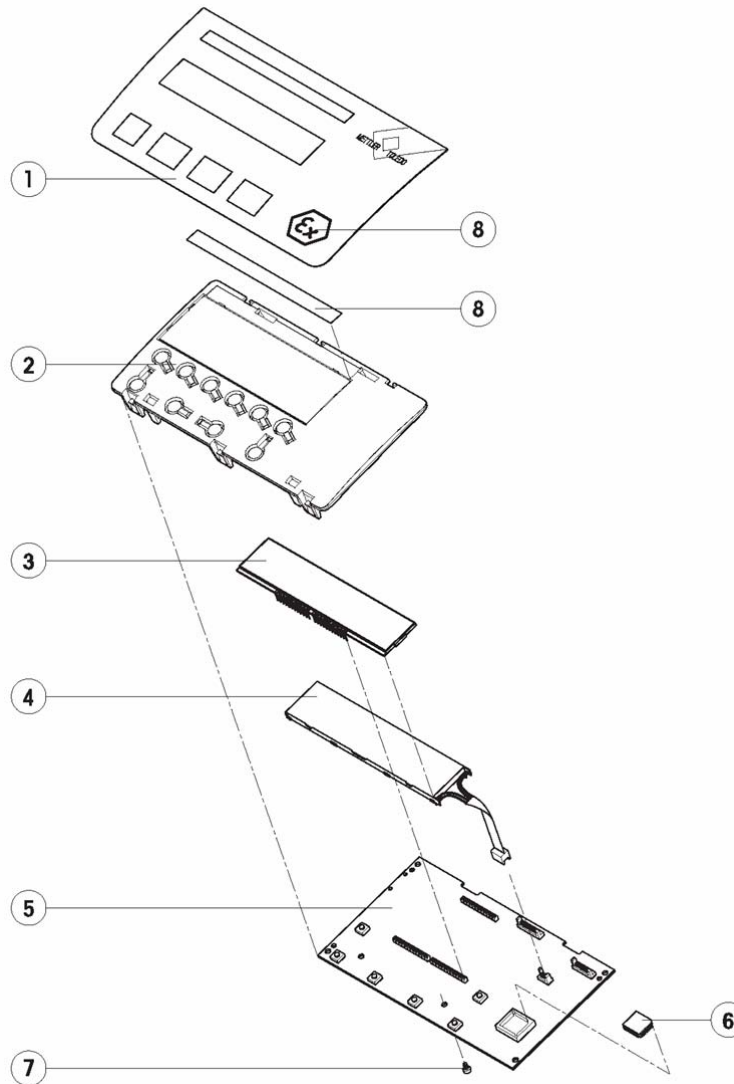


VIPER EX with Monobloc

* Included in the fasteners set

VIPER EX Display

Ref.	Part Number	Description	Qty.
1	21203127	SW keypad overlay for small platform model	1
2	21203734	Display mounting plate Ex	1
3	21203134	SW LCD	1
4	21203136	SW backlighting unit	1
5	21203593	VIPER Ex DIG digital PCB	1
6		EPROM with scale program:	1
	21203499	EPROM for Viper SW scales with strain gauge weighing cell	
	21203500	EPROM for Viper SW scales with MonoBloc weighing cell	
7		Retaining screw *	1
8	22007836	Set of blank labels Viper Ex	1



VIPER EX Display

* Included in the fasteners set

VIPER EX Fastener Set

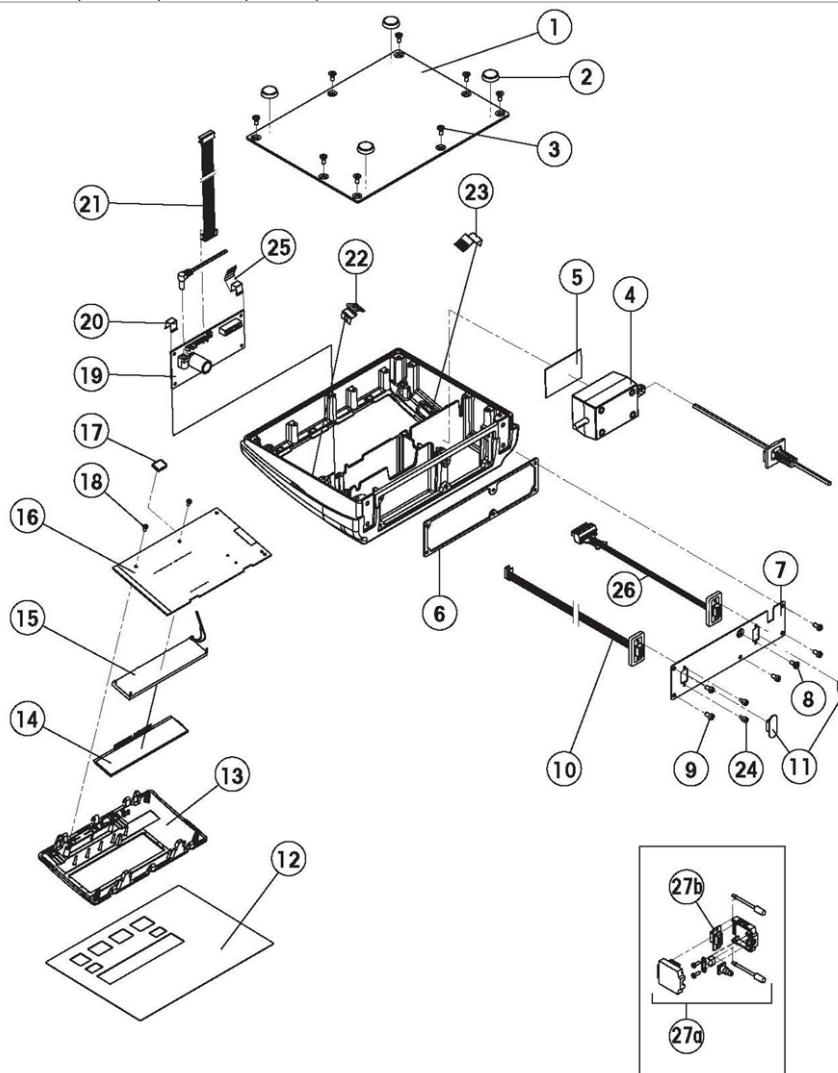
Part Number	Description	Qty.
21203404	Fasteners set:	
	Countersunk Torx screw M3 x 8	20
	Countersunk Torx screw M3 x 10	20
	Countersunk Torx screw M6 x 30	20
	Countersunk Torx screw M4 x 10	50
	Button head Torx screw M3 x 6	20
	Button head Torx screw M4 x 12	30
	Button head Torx screw M5 x 12	30
	Wide flange washer 4.3 x 20	20
	Wide flange washer 5.3 x 20	20
	Countersunk Torx screw M6 x 16	20
	Spring clip	20
	Raised cheese head Torx screw M4 x 6	50
	Screw lock	10

Model VIPER RM

Viper RM

Ref.	Part Number	Description	Qty
1	21255118	Base plate with seal attached	1
2	00200068	Rubber foot	4
3	21203404	Countersunk screw M4 x 8 Torx T20 (See Note 1)	8
4	21255102	AC adapter 10W USA/Japan version	1
5	21203184	Adhesive tape for AC adapter	1
6	21255012	Seal for terminal rear panel	1
7	(See Note 1)	Connector plate for 2 interfaces (RS232C/load cell)	1
8	(See Note 1)	Countersunk screw M4 x 12 Torx T20 (See Note 1)	1
9	(See Note 1)	Fillister head screw M4 x 8 Torx T20 (See Note 1)	5
10	21203717	RS232C interface IP65 with cable (soldered)	1
11	11101560	Dust cover for interfaces	2
12	22010046	Keypad overlay Viper RM	1
13	21255041	Display mounting plate BC (always order together with item 12)	1
14	21203134	LC display SW	1
15	21203136	Backlighting SW	1
16	21203098	Digital board Viper DIG M	1
17	21203583	EPROM with software for Viper RM	1
18	(See Note 1)	Torx oval head tapping screw 2.9 x 13	2
19	21255054	Analog board 7k	1
20	21203166	Fastening clamp for analog board	1
21	21203167	A/D cable 300 mm	1
22	21203480	EMC clamp short	1
23	21255047	EMC clamp long	1
24	(See Note 1)	Screw lock	1
25	22007948	EMC clamp for analog board	5
26	22010055	Load cell connection cable with Sub D-socket and plug for analog board	1
27	9-pin Sub-D connector (for connecting the load cell to the terminal):		
27a	22007870	Sub-D standard housing (dismantled)	1
27b	22007869	Pin base	1

Note 1 - Included in small parts set (see small parts set)

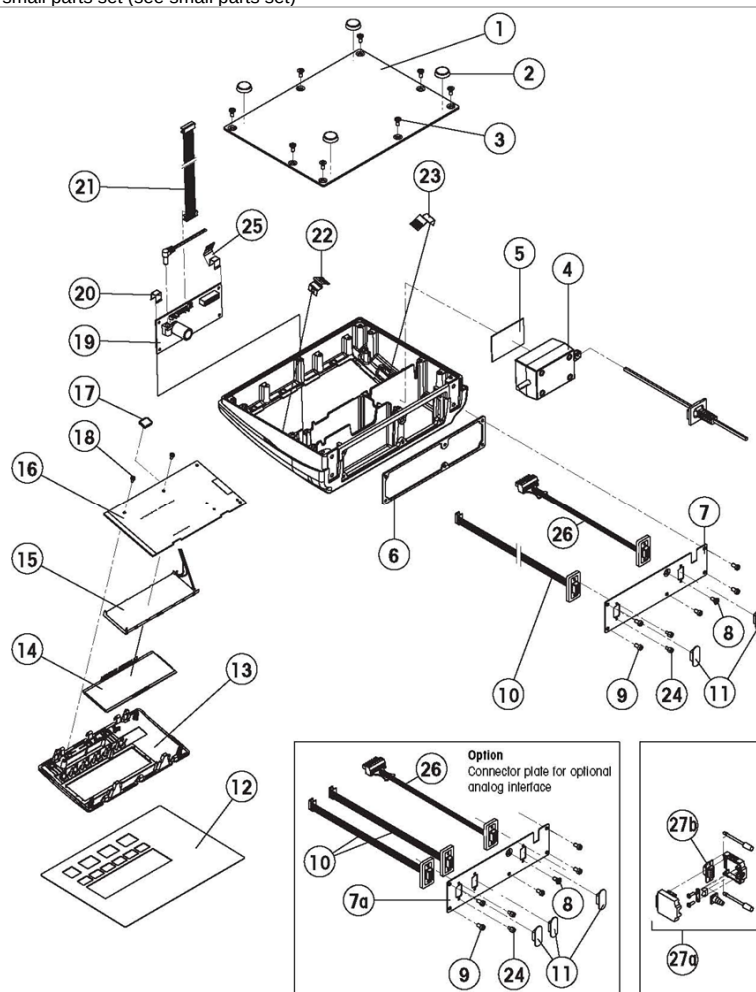


Viper RM

Viper RL

Ref.	Part Number	Description	Qty
1	21255118	Base plate with seal attached	1
2	00200068	Rubber foot	4
3	(See Note 1)	Countersunk screw M4 x 8 Torx T20	8
4	21255102	AC adapter 10W USA/Japan version	1
5	21203184	Adhesive tape for AC adapter	1
6	21255012	Seal for terminal rear panel	1
7	22010041	Standard: connector plate for 2 interfaces (RS232C/load cell)	1
7a	22010043	Option: connector plate for 3 interfaces (RS232C/load cell/analog interface option)	1
8	(See Note 1)	Countersunk screw M4 x 12 Torx T20	1
9	(See Note 1)	Fillister head screw M4 x 8 Torx T20	5
10	21203717	RS232C interface IP65 with cable (soldered) 1)	1
11	11101560	Dust cover for interfaces	2
12	22010047	Keypad overlay Viper RL	1
13	22010038	Display mounting plate RL (always order together with item 12)	1
14	21203687	LC display FC	1
15	21203137	Backlighting BC/FC	1
16	21203097	Digital board Viper DIG L	1
17	21203588	EPROM with software for Viper RL	1
18	(See Note 1)	Torx oval head tapping screw 2.9 x 13	2
19	21255054	Analog board 7k	1
20	21203166	Fastening clamp for analog board *	1
21	21203167	A/D cable 300 mm	1
22	21203480	EMC clamp short	1
23	21255047	EMC clamp long	1
24	(See Note 1)	Screw lock	4
25	22007948	EMC clamp for analog board	1
26	22010055	Load cell connection cable with Sub D-socket and plug for analog board	1
27	9-pin Sub-D connector (for connecting the load cell to the terminal):		
27a	22007870	Sub-D standard housing (dismantled)	1
27b	22007869	Pin base	1

Note 1 - Included in small parts set (see small parts set)



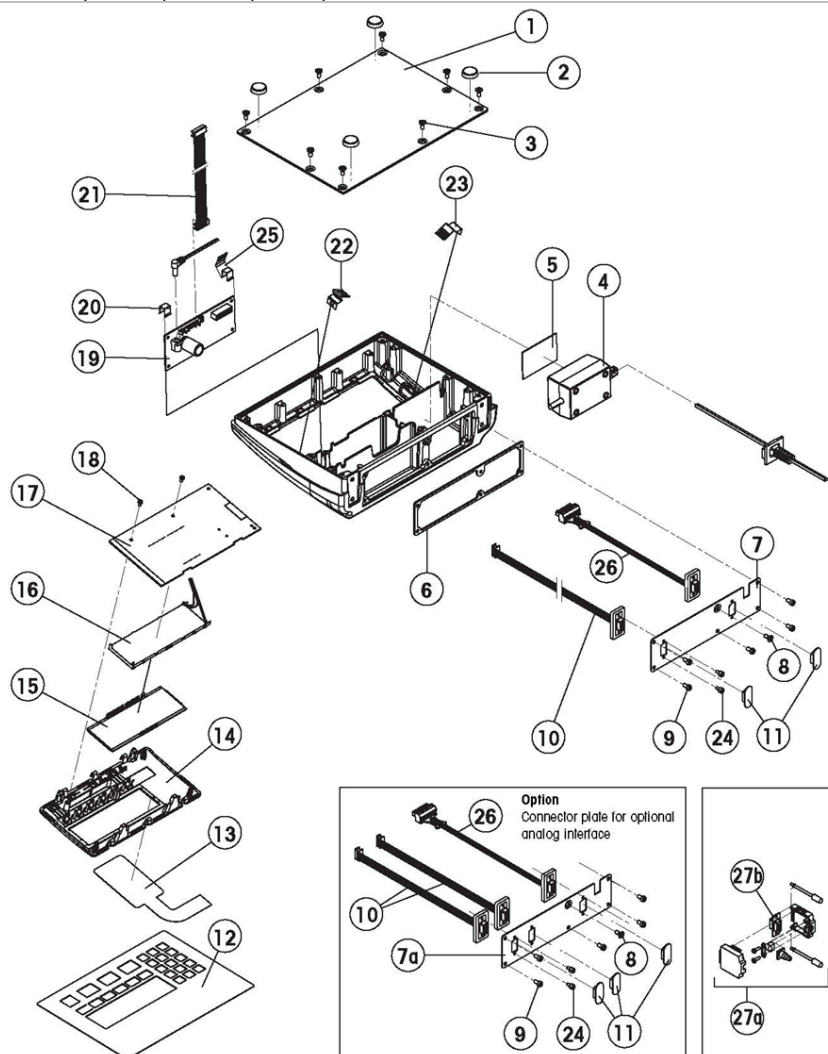
Viper RL

Model VIPER RD

Viper RD

Ref.	Part Number	Description	Qty
1	21255118	Base plate with seal attached	1
2	00200068	Rubber foot	4
3	(See Note 1)	Countersunk screw M4 x 8 Torx T20	8
4	21255102	AC adapter 10W USA/Japan version	1
5	21203184	Adhesive tape for AC adapter	1
6	21255012	Seal for terminal rear panel	1
7	22010041	Standard: connector plate for 2 interfaces (RS232C/load cell)	1
7a	22010043	Option: connector plate for 3 interfaces (RS232C/load cell/analog interface option)	1
8	(See Note 1)	Countersunk screw M4 x 12 Torx T20	1
9	(See Note 1)	Fillister head screw M4 x 8 Torx T20	5
10	21203717	RS232C interface IP65 with cable (soldered) 1)	1
11	11101560	Dust cover for interfaces	2
12	22010048	Keypad overlay Viper RD	1
13	21203439	numeric membrane keypad (always order together with item 12)	
14	22010039	Display mounting plate RD (always order together with item 12)	1
15	21203687	LC display FC	1
16	21203137	Backlighting BC/FC	1
17	21203524-STD	Digital board Viper DIG D (incl. soldered FLASH Memory chip with software)	1
18	(See Note 1)	Torx oval head tapping screw 2.9 x 13	2
19	21255054	Analog board 7k	1
20	21203166	Fastening clamp for analog board	1
21	21203167	A/D cable 300 mm	1
22	21203480	EMC clamp short	1
23	21255047	EMC clamp long	1
24	(See Note 1)	Screw lock	4
25	22007948	EMC clamp for analog board	1
26	22010055	Load cell connection cable with Sub D-socket and plug for analog board	1
27	9-pin Sub-D connector (for connecting the load cell to the terminal):		
27a	22007870	Sub-D standard housing (dismantled)	1
27b	22007869	Pin base	1

Note 1 - Included in small parts set (see small parts set)

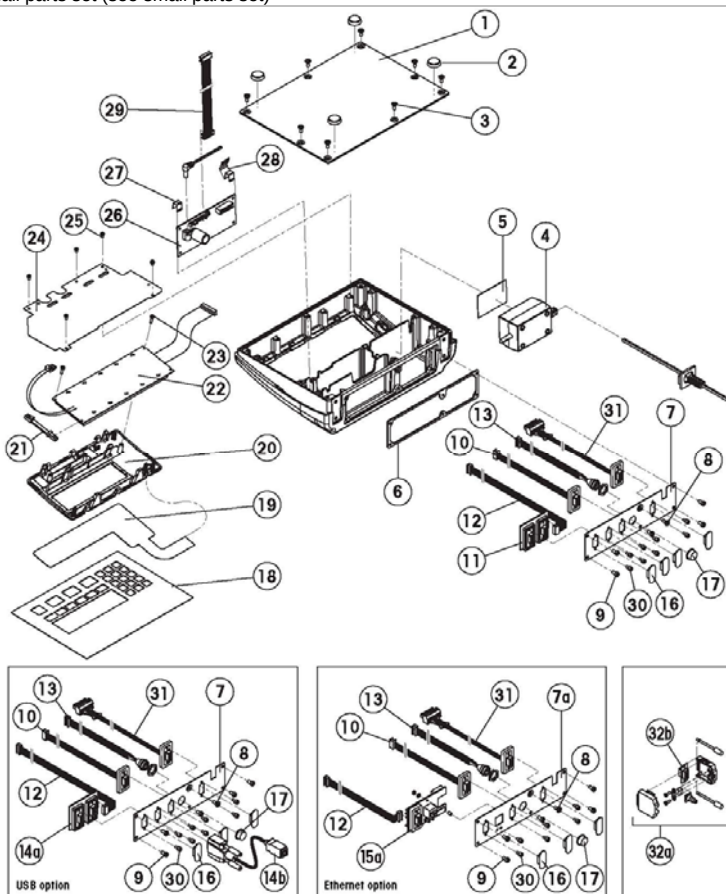


Viper RD

Viper RT

Ref.	Part Number	Description	Qty
1	21255118	Base plate with seal attached	1
2	00200068	Rubber foot	4
3	(See Note 1)	Countersunk screw M4 x 8 Torx T20	8
4	21255102	AC adapter 10W USA/Japan version	1
5	21203184	Adhesive tape for AC adapter	1
6	21255012	Seal for terminal rear panel	1
7	22010041	Standard: connector plate for 2 interfaces (RS232C/load cell)	1
7a	22010043	Option: connector plate for 3 interfaces (RS232C/load cell/analog interface option)	1
8	(See Note 1)	Countersunk screw M4 x 12 Torx T20	1
9	(See Note 1)	Fillister head screw M4 x 8 Torx T20	5
Standard interfaces:			
10	21203717	RS232C interface IP65 with cable (soldered) 2)	1
11	21255081	Board with 2x RS232C IP65 (requires connecting cable item 12)	2
12	21203490	Connecting cable for 2 RS interfaces	1
13	21204107	PS2 cable 18.1"/460 mm (keyboard connection)	1
14	USB option (upgrade kit)		
14a	21204114	Board USB option (1 Sub-D socket for RS232C / 1 Sub-D connector for USB) 3)	1
14b	21204031	USB cable (with Sub-D and USB type B sockets)	1
15	Ethernet option (requires connector plate item 7a) (upgrade kit):		
15a	21204027	Board Ethernet option (1x RS232C / 1 x Ethernet RJ45)	
16	11101560	Dust cover for interfaces	4
17	22010058	Dust cover for PS2 interface	1
18	22010049	Keypad overlay Viper RT	1
19	21203501	Numeric keypad membrane (25 keys) (always order together with item 18)	1
20	21255043	Display mounting plate RT/SC (always order together with items 18 and 19)	1
21	21255046	Spacer plate	1
22	21203515	LCD module 240 x 64 dots CCFL	1
23	(See Note 1)	Torx oval head tapping screw 2.9 x 13	2
24	21203996	Digital board Viper T/RT (incl. soldered FLASH Memory chip with software)	1
25	(See Note 1)	Fillister head screw M3 x 6 Torx T10	5
26	21255054	Analog board 7k	1
27	21203166	Fastening clamp for analog board *	1
28	22007948	EMC clamp for analog board	1
29	21203167	A/D cable 300 mm	1
30	(See Note 1)	Screw lock	8
31	22010055	Load cell connection cable with Sub D-socket and plug for analog board 1)	1
32	9-pin Sub-D connector (for connecting the load cell to the terminal):		
32a	22007870	Sub-D standard housing (dismantled)	1
32b	22007869	Pin base	1

Note 1 - Included in small parts set (see small parts set)



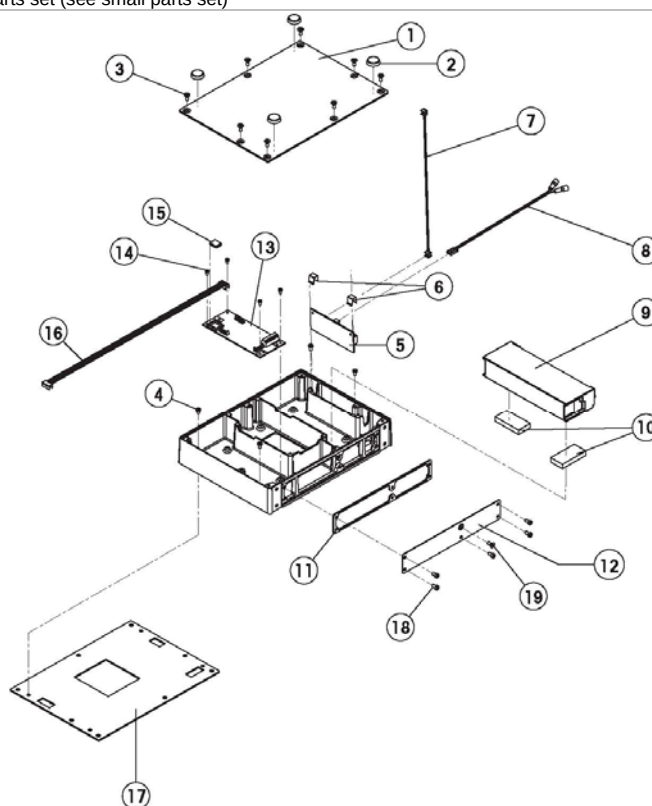
Viper RT

Model VIPER Options

Viper Options

Ref.	Part Number	Description	Qty
1	21255118	Base plate with seal attached	1
2	00200068	Rubber foot	4
3	(See Note 1)	Countersunk screw M4 x 8 Torx T20	8
4	(See Note 1)	Fillister head screw M5 x 12	4
5	21255052	Charging circuit board for battery	1
6	21203166	Fastening clamp for charging circuit board *	2
7	21203233	Connecting cable charging circuit – analog board	1
8	21203231	Battery cable	1
9	21203232	Battery 12 V/2.2 Ah (always order together with item 10)	1
10	21255260	Adhesive tape for battery	2
11	21255013	Seal for back panel OptionPac	1
12	21255003	Back panel without openings	1
13	21203383	Analog interface option board (Viper RL, RD and RT only)	1
14	21050008	Tapping screw M3 x 6 (Viper RL, RD and RT only)	4
15	EPROM with interface software for analog interface (Viper RL, RD and RT only)		
	21203915	EPROM for Viper RL and RD analog interface	1
	21255318	EPROM for Viper RT analog interface	1
16	21203604	Cable for analog option (Viper RL, RD and RT only)	1
17	21255011	Seal (between OptionPac and Terminal)	1
18	(See Note 1)	Fillister head screw M4 x 8 Torx T20	5
19	(See Note 1)	Countersunk screw M4 x 10 Torx T20	1

Note 1 - Included in small parts set (see small parts set)



Viper Options

Viper Options (small parts set)

Part Number	Description	Qty
21203404	Fasteners set:	1
	Countersunk Torx screw M3 x 8	20
	Countersunk Torx screw M3 x 10	20
	Countersunk Torx screw M6 x 30	20
	Countersunk Torx screw M4 x 10	50
	Countersunk Torx screw M4 x 12	10
	Button head Torx screw M3 x 6	20
	Button head Torx screw M4 x 12	30
	Button head Torx screw M5 x 12	30
	Wide flange washer 4.3 x 20	20
	Wide flange washer 5.3 x 20	20
	Countersunk Torx screw M6 x 16	20
	Spring clip	20
	Raised cheese head Torx screw M4 x 6	50
	Screw lock	10
	Torx oval head tapping screw 2.9 x 13	10

Model VIPER Upgrade Kits

Viper Analog Interface Upgrade Kit for Models RL/RD

This upgrade kit allows connection of a second, analog weighing platform to a Viper RL or RD terminal.

Part Number	Description	Qty
22010143	Upgrade kit "Analog Interface Option Viper RL/RD comprising:	1
21255117	OptionPac cpl.	1
22005232	Round head screw M5 x 12 Torx	4
22003003	Round head screw M4 x 6 Torx	5
22003002	Screw DIN7500 M4 x 10 Torx	1
21255003	Back panel without openings	1
21203383	Analog interface option board	1
21203915	EPROM with interface software RL/RD	
21203604	Cable for analog option	1
21203717	RS232C interface IP65 with cable (soldered)	4
21050008	Tapping screw M3 x 6	1
22010043	Connector plate for 3 interfaces (RS232C/load cell/analog interface option)	2
21203570	Screw lock	1
22007870	Sub-D standard housing (dismantled)	1
22007869	Pin base	1
11101560	Dust cover for interfaces	1
21255122	Flat ribbon cable clamp	1
22010059	Type plate Viper Terminal (sticker)	1
22010143	Additional plate (sticker with interface designation)	1

Viper AccuPac Upgrade Kit for Models RM/RL/RD

This upgrade kit enables the Viper RM, RL and RD terminals to be operated without being connected to the power supply.

Part Number	Description	Qty
22010144	Upgrade kit "AccuPac"comprising:	1
21255117	OptionPac cpl.	1
22005232	Round head screw M5 x 12 Torx	4
22003003	Round head screw M4 x 6 Torx	5
22003002	Screw DIN7500 M4 x 10 Torx	1
21255003	Back panel without openings	1
21203231	Battery cable	1
21255260	Adhesive tape for battery	2
21203232	Battery 12V/2.2Ah	1
21203233	Connecting cable charging circuit – analog board	1
21203166	Fastening clamp for charging circuit board	2
21255052	Charging circuit board for battery	1
21255122	Flat ribbon cable clamp	1

Viper Analog Interface Upgrade Kit for Model RT

This upgrade kit allows connection of a second, analog weighing platform to a Viper RL or RD terminal.

Part Number	Description	Qty
22010145	Upgrade kit "Analog Interface Option Viper RT"comprising:	1
21255117	OptionPac cpl.	1
22005232	Round head screw M5 x 12 Torx	4
22003003	Round head screw M4 x 6 Torx	5
22003002	Screw DIN7500 M4 x 10 Torx	1
21255003	Back panel without openings	1
21203383	Analog interface option board	1
21255318	EPROM with interface software RT	
21203604	Cable for analog option	1
21203717	RS232C interface IP65 with cable (soldered)	1
21050008	Tapping screw M3 x 6	2
22007870	Sub-D standard housing (dismantled)	4
22007869	Pin base	1
21255122	Flat ribbon cable clamp	1
22010059	Type plate Viper Terminal (sticker)	1
22010145	Additional plate (sticker with interface designation)	1

Viper USB Interface Upgrade Kit for Model RT

This upgrade kit supplements replaces the existing RS232C interface "COM2" with a USB interface (Universal Serial Bus).

Part Number	Description	Qty
22010147	Upgrade kit "USB Interface Viper RT"comprising:	1
21204114	Board USB option (slave) IP65 (Sub-D socket RS232C / Sub-D connector for USB)	1
22010158	CD-ROM with USB drivers for Microsoft Windows®	1
21204031	USB cable (with Sub-D and USB type B sockets)	1
22010154	Cable ETH/USB option (required only if analog interface option is present)	1
22010147	Additional plate (sticker with interface designation)	1

Viper Ethernet Interface Upgrade Kit for Model RT

This upgrade kit replaces the existing RS232C interface "COM2" with an Ethernet interface.

Part Number	Description	Qty
22010148	Upgrade kit "Ethernet Interface Viper RT"comprising:	1
22010042	Connector plate for 2 x RS232C/Ethernet/PS2/load cell	1
22008017	Spacer for Ethernet interface	1
22008019	Hexagon nut M3 DIN934	1
22008020	Washer M3 DIN125	1
21204027	Board Ethernet option (1x RS232C /1 x Ethernet RJ45)	1
22010154	Cable ETH/USB option (required only if analog interface option is present)	1
22010148	Additional plate (sticker with interface designation)	1

Viper Certification Set

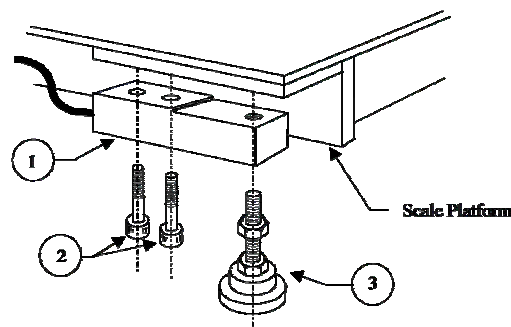
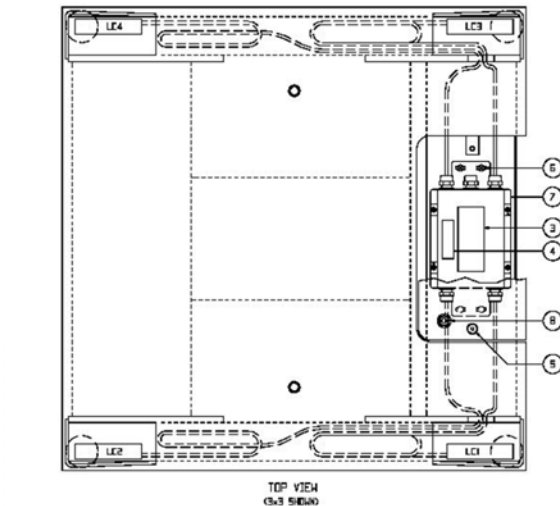
This certification set enables an authorized W&M inspector to properly seal a Viper weighing system after certification.

Part Number	Description	Qty
21203903	Upgrade kit "Viper certification set "comprising:	1
21203485	Securing plate	1
22010059	Type plate Viper Terminal (sticker)	1
00205949	Capstan headed screw DIN404	13

Model VLC

VLC

Ref.	Part Number	Description	Qty.
1	TN800647	Screw, 1/2-13 x 1-3/4, Shcs, Bk-DX	
1	TN800646	Screw, 1/2-13 x 1-3/4, Shcs, Bk-DX	
2	TN203988	Leveling Foot, Ball-Bearing, Zinc plated	
2	TB203988-55	Leveling Foot, Ball-Bearing	
3	MN31004	Data Label, MTMS	
4	TN800686	Label, VLX Spec.	
5	MZ09000035	Screw, 3/8-16 x 3/4, FHGCS, SS	
6	MZ090000379	Screw, 1/4-28 x 1/4, RPHMS, SS	
7	TB100395	J-Box Assembly	
8	TN201817	Level, Circular, 7/80 x 9/16	
9	TN800586	Label, MT Weight Plate	
—	510624378	Cable, 6-cond., 24 Ga. Shield, Polyurethane	



VLC Load Cell and Leveling Foot Assembly

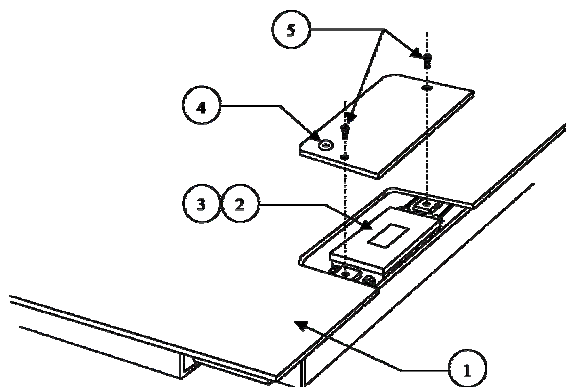
VLC Load Cell and Leveling Foot Assembly

1	TB601015-XXX	Model 793 Load Cell, 1,000 lb	4
	TB601016-XXX	Model 793 Load Cell, 2,500 lb	
	TB601018-XXX	Model 793 Load Cell, 5,000 lb	
2	TN800647	1/2-13 Socket Head Cap Screw x 1.75 inches long, Black Oxide	8
	TN800646	1/2-13 Socket Head Cap Screw x 1.75 inches long, Stainless Steel	
3	TN203980	Leveling Foot, Zinc Plated	4
	TN203980-SS	Leveling Foot, Stainless Steel	

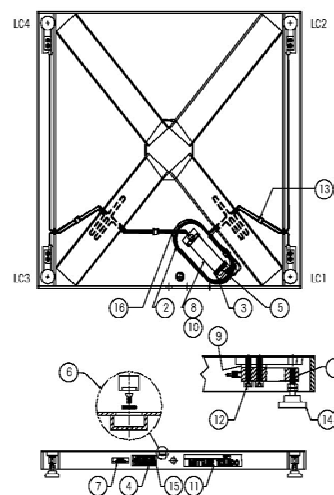
-XXX specifies the length of the load cell cable: -008 = 8 feet (for 36 x 36, 48 x 48, 48 x 60, and 60 x 60 scales) and -015 = 15 feet (for 48 x 72 and 60 x 84 scales)

VLF Platform and Junction Box Assembly

Ref.	Part Number	Description	Qty.
1	TC205104-1	36-inch x 36-inch Platform, Carbon Steel (2.5K and 6K)	1
	TC205105-1	48-inch x 48-inch Platform, Carbon Steel (2.5K and 6K)	
	TC205106-1	48-inch x 48-inch Platform, Carbon Steel (10K)	
	TC205107-1	48-inch x 60-inch Platform, Carbon Steel (2.5K and 6K)	
	TC205108-1	48-inch x 60-inch Platform, Carbon Steel (10K)	
	TC205109-1	60-inch x 60-inch Platform, Carbon Steel (2.5K and 6K)	
	TC205110-1	60-inch x 60-inch Platform, Carbon Steel (10K)	
	TC205111-1	48-inch x 72-inch Platform, Carbon Steel (6K)	
	TC205112-1	48-inch x 72-inch Platform, Carbon Steel (10K)	
	TC205113-1	60-inch x 84-inch Platform, Carbon Steel (6K)	
	TC205114-1	60-inch x 84-inch Platform, Carbon Steel (10K)	
	TC205115-1	36-inch x 36-inch Platform, Stainless Steel (2.5K and 6K)	
	TC205116-1	48-inch x 48-inch Platform, Stainless Steel (2.5K and 6K)	
	TC205117-1	48-inch x 48-inch Platform, Stainless Steel (10K)	
	TC205118-1	48-inch x 60-inch Platform, Stainless Steel (2.5K and 6K)	
	TC205119-1	48-inch x 60-inch Platform, Stainless Steel (10K)	
	TC205120-1	60-inch x 60-inch Platform, Stainless Steel (2.5K and 6K)	
	TC205121-1	60-inch x 60-inch Platform, Stainless Steel (10K)	
	TC205122-1	48-inch x 72-inch Platform, Stainless Steel (6K)	
	TC205123-1	48-inch x 72-inch Platform, Stainless Steel (10K)	
	TC205124-1	60-inch x 84-inch Platform, Stainless Steel (6K)	
	TC205125-1	60-inch x 84-inch Platform, Stainless Steel (10K)	
2	TB100395	Analog Junction Box Assembly Consists of: *13640300A Analog PCB TA800218 Desiccant Bag	1
3	MZ0901010379	1/4-20 Phillips Head Screw x 1/4 inch long, Stainless Steel	4
4	TN201817	Circular Bubble Level	1
5	MZ0901010035	3/8-16 Flat Head Screw x 3/4 inch long, Stainless Steel	2



VLF Platform and Junction Box Assembly



VLF Floor Scale

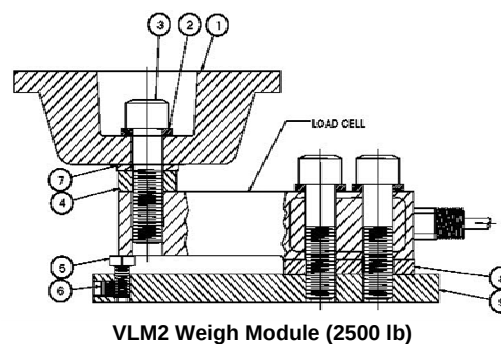
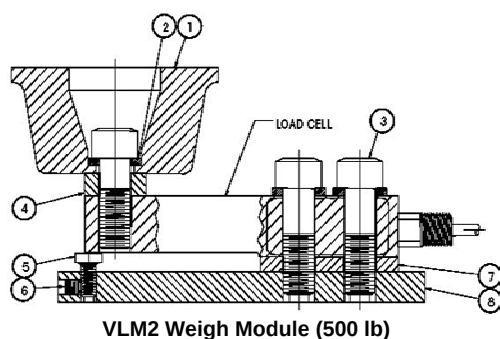
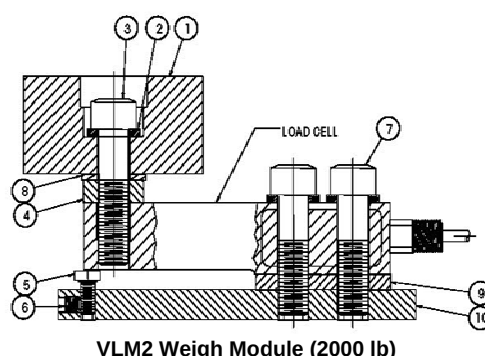
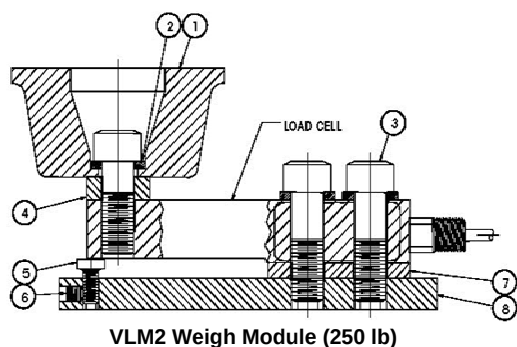
VLF Floor Scale

Ref.	Part Number	Description	Qty.
1	TB600833-008	Model 713 Load Cell, 2500 lb 4	4
2	510624370	Terminal Cable	Per foot
3	MZ0901010407	Screw, 10-32 x 0.18 inch long 4	4
4	MN31004	Data Label 1	1
5	TN100524	Screw, 10-32 x 0.62 inch long 2	2
6	TN201817	Circular Bubble Level 1	1
7	TN800733	Specification Label 1	1
8	TN203054	Junction Box Lid Assembly 1	1
9	TN600839	Load Cell Mounting Plate 4	4
10	TB100520	Junction Box Assembly (includes 14378800A PCB) 1	1
11	TN800736	VLF Label 2	5
12	TN800650	Load Cell Mounting Bolt, 1/2-13 x 2 inches long 8	8
13	10833900A	Cable Mounting Clamp 5	5
14	TN203980	Leveling Foot 4	4
15	MZ0904000067	Blind Rivet, 1/8 inch diameter 2	2
16	MZ0907000019	Tywrap, 7.5 inches long 3	3

Model VLM2

VLM2 Weigh Module Value Line Parts (250 and 500 lb)

Ref.	Part Number	Description	Qty
	TB600829	Load Cell, 250 lb	1
1	TN600834	Compression Mount, 250 lb	1
2	MZ0901030097	Lock Washer, 5/16 inch	1
3	MZ0901010526	Socket Head Cap Screw, 5/16-24	1
4	MZ0901030112	Plain Washer, 5/16 inch 2	2
5	MZ0901010518	Hex Head Cap Screw, 1/4-20	1
6	MZ0901010519	Set Screw, 1/4-20	1
7	MZ0901010520	Socket Head Cap Screw, 1/2-20	2
8	MZ0901030113	Lock Washer, 1/2 inch	2
9	TN600839-ZN	Load Cell Spacer, 1/4 inch	1
10	TN600838-ZN	Base Plate, 1/2 inch	1
	TB600830	Load Cell, 500 lb	1
1	TA600835	Compression Mount, 500 lb	1
2	MZ0901030113	Lock Washer, 1/2 inch	3
3	MZ0901010520	Socket Head Cap Screw, 1/2-20	3
4	TN600840-ZN	Spacer, 3/8 inch	1
5	MZ0901010518	Hex Head Cap Screw, 1/4-20	1
6	MZ0901010519	Set Screw, 1/4-20	1
7	TN600839-ZN	Load Cell Spacer, 1/4 inch	1
8	TN600838-ZN	Base Plate, 1/2 inch	1

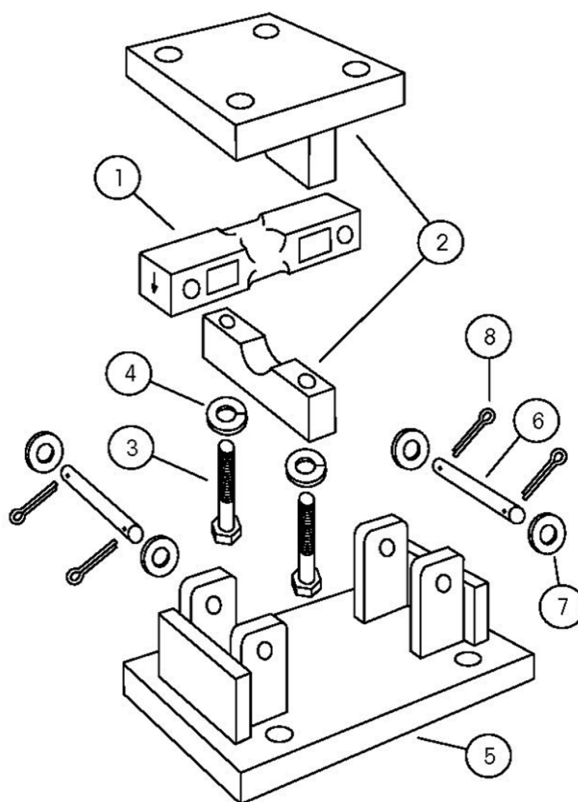


VLM2 Weigh Module Value Line Parts (1000 and 2000-2500 lb)

Ref.	Part Number	Description	Qty
	TB600831	Load Cell, 1000 lb	1
1	TA600836	Compression Mount, 1,000 lb	1
2	MZ0901030113	Lock Washer, 1/2 inch	3
3	MZ0901010292	Socket Head Cap Screw, 1/2-20	1
4	TN600840-ZN	Spacer, 3/8 inch	1
5	MZ0901010518	Hex Head Cap Screw, 1/4-20	1
6	MZ0901010519	Set Screw, 1/4-20	1
7	MZ0901010523	Socket Head Cap Screw, 1/2-20	2
8	MZ0901030114	Plain Washer, 1/2 inch	1
9	TN600839-ZN	Load Cell Spacer, 1/4 inch	1
10	TN600838-ZN	Base Plate, 1/2 inch	1
	TB600832	Load Cell, 2000 lb	1
	TB600833	Load Cell, 2500 lb	1
1	TA600837	Compression Mount, 2-2.5K lb	1
2	MZ0901030113	Lock Washer, 1/2 inch	3
3	MZ0901010523	Socket Head Cap Screw, 1/2-20	3
4	TN600840-ZN	Spacer, 3/8 inch	1
5	MZ0901010518	Hex Head Cap Screw, 1/4-20	1
6	MZ0901010519	Set Screw, 1/4-20	1
7	MZ0901030114	Plain Washer, 1/2 inch	1
8	TN600839-ZN	Load Cell Spacer, 1/4 inch	1
9	TN600838-ZN	Base Plate, 1/2 inch	1

VLM3 Weigh Module Assembly

Ref.	Part Number	Description	Qty
1	TB601003-020	1,000-lb Load Cell, 20-foot cable	1
	TB601004-020	2,000-lb Load Cell, 20-foot cable	
	TB601005-020	5,000-lb Load Cell, 20-foot cable	
	TB601006-020	10,000-lb Load Cell, 20-foot cable	
	TB601025-020	15,000-lb Load Cell, 20-foot cable	
	TB601007-020	25,000-lb Load Cell, 20-foot cable	
	TB601008-020	35,000-lb Load Cell, 20-foot cable	
	TB601009-020	50,000-lb Load Cell, 20-foot cable	
	TB601010-020	75,000-lb Load Cell, 20-foot cable	
2	*083551020	Loading Plate Assembly (1K-5K)	1
	*083558020	Loading Plate Assembly (10K-35K)	
	*083565020	Loading Plate Assembly (50K-75K)	
3	*083554020	Hexagonal Bolt, 1/2-13 x 1.75" (1K-5K)	2
	*083561020	Hexagonal Bolt, 3/4-10 x 2.75" (10K-35K)	
	*083568020	Hexagonal Bolt, 1-8 x 4" (50K-75K)	
4	*083556020	Lock Washer, 1/2" (1K-5K)	2
	*083563020	Lock Washer, 3/4" (10K-35K)	
	*083570020	Lock Washer, 1" (50K-75K)	
5	*083550020	Mounting Plate Assembly (1K-5K)	1
	*083557020	Mounting Plate Assembly (10K-35K)	
	*083564020	Mounting Plate Assembly (50K-75K)	
6	*083555020	Shaft Pin, 7/16" x 3.62" (1K-5K)	2
	*083562020	Shaft Pin, 3/4" x 4.76" (10K-35K)	
	*083569020	Shaft Pin, 1.25" x 5.62" (50K-75K)	
7	*083552020	Flat Washer, 1/2" (1K-5K)	4
	*083559020	Flat Washer, 3/4" (10K-35K)	
	*083566020	Flat Washer, 1.25" (50K-75K)	
8	*083553020	Cotter Pin, 1/8" x 1" (1K-5K)	4
	*083560020	Cotter Pin, 1/8" x 1" (10K-35K)	
	*083567020	Cotter Pin, 1/8" x 1.75" (50K-75K)	
Not Shown	TB100393	Analog Junction Box, 4 holes	1
	TB100395	Analog Junction Box, 5 holes	



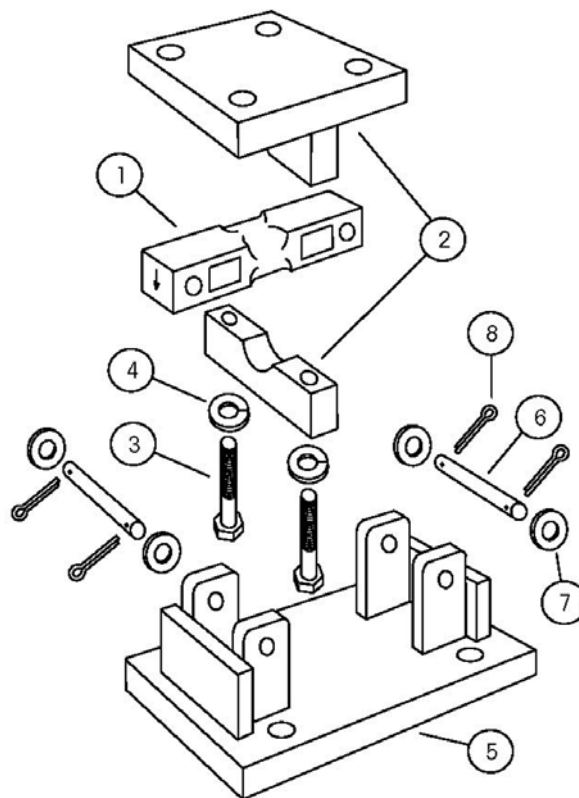
VLM3 Weigh Module Assembly

* Part number may have alpha prefix

Model VLX

VLX Weigh Module Assembly

Ref.	Part Number	Description	Qty.
1	TB601003-020	1,000-lb Load Cell, 20-foot cable	1
	TB601004-020	2,000-lb Load Cell, 20-foot cable	
	TB601005-020	5,000-lb Load Cell, 20-foot cable	
	TB601006-020	10,000-lb Load Cell, 20-foot cable	
	TB601025-020	15,000-lb Load Cell, 20-foot cable	
	TB601007-020	25,000-lb Load Cell, 20-foot cable	
	TB601008-020	35,000-lb Load Cell, 20-foot cable	
	TB601009-020	50,000-lb Load Cell, 20-foot cable	
	TB601010-020	75,000-lb Load Cell, 20-foot cable	
2	*083551020	Loading Plate Assembly (1K-5K)	1
	*083558020	Loading Plate Assembly (10K-35K)	
	*083565020	Loading Plate Assembly (50K-75K)	
3	*083554020	Hexagonal Bolt, 1/2-13 x 1.75" (1K-5K)	2
	*083561020	Hexagonal Bolt, 3/4-10 x 2.75" (10K-35K)	
	*083568020	Hexagonal Bolt, 1-8 x 4" (50K-75K)	
4	8083556020	Lock Washer, 1/2" (1K-5K)	2
	*083563020	Lock Washer, 3/4" (10K-35K)	
	*083570020	Lock Washer, 1" (50K-75K)	
5	*083550020	Mounting Plate Assembly (1K-5K)	1
	*083557020	Mounting Plate Assembly (10K-35K)	
	*083564020	Mounting Plate Assembly (50K-75K)	
6	*083555020	Shaft Pin, 7/16" x 3.62" (1K-5K)	2
	*083562020	Shaft Pin, 3/4" x 4.76" (10K-35K)	
	*083569020	Shaft Pin, 1.25" x 5.62" (50K-75K)	
7	*083552020	Flat Washer, 1/2" (1K-5K)	4
	*083559020	Flat Washer, 3/4" (10K-35K)	
	*083566020	Flat Washer, 1.25" (50K-75K)	
8	*083553020	Cotter Pin, 1/8" x 1" (1K-5K)	4
	*083560020	Cotter Pin, 1/8" x 1" (10K-35K)	
	*083567020	Cotter Pin, 1/8" x 1.75" (50K-75K)	
Not Shown	TB100393	Analog Junction Box, 4 holes	1
	TB100395	Analog Junction Box, 5 holes	
Not Shown	*13640300A	Junction box circuit board	1
	TA800218	Junction box desiccant bag	1

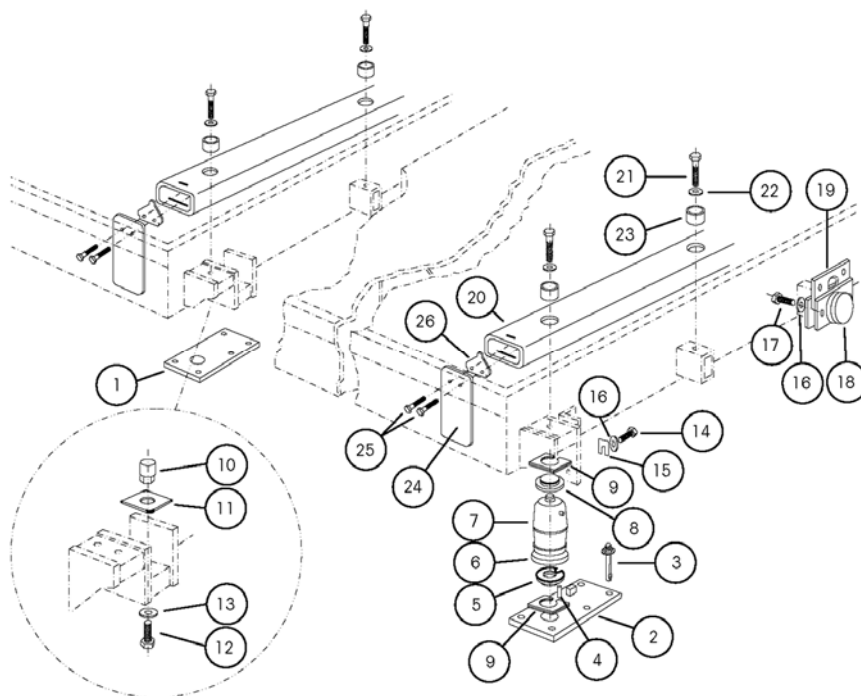


VLX Weigh Module Assembly

* Part number may have alpha prefix

VTC210

Ref.	Part Number	Description	Qty.
1	TB200929-2	Base Plate, No Bumper	Varies
	T204592-0600	Base Plate, No Bumper, with 6-inch High Riser (optional)	
2	TB200929-3	Base Plate, Left Bumper	Varies
	T204593-0600	Base Plate, Left Bumper, with 6-inch High Riser (optional)	
Not Shown	TB200929-4	Base Plate, Right Bumper	Varies
	T204594-0600	Base Plate, Right Bumper, with 6-inch High Riser (optional)	
3	TN203216	3/4-10 Anchor Bolt x 5.5 inches long	Varies
	TN309958	3/4-10 Anchor Bolt x 8 inches long (optional)	
4	MZ0904000063	Roll Pin	Varies
5	TA200814	Bottom Hex. Receiver	Varies
6	TN203705	6 MTX Boot	Varies
7	15475900A	45t MTX Load Cell	Varies
8	TA200764	Top Receiver	Varies
9	TA200712-1	Receiver Shim, 0.125 inch	Varies
	TA200712-2	Receiver Shim, 0.062 inch	
	TA200712-3	Receiver Shim, 0.180 inch	
10	TA205313	Round Coupler Pin (per module)	Varies
	TA205314	Octagonal Coupler Pin (per module)	
11	TN202990-2	Coupler Shim, 0.062 inch	Varies
12	MZ0901010030	3/8-16 Hex. Head Screw x 3/4 inch long (per module)	Varies
13	MZ0901030019	3/8-inch Washer (per module)	Varies
14	MZ0901010375	5/8-11 Side Bumper Bolt x 1 1/4 inches long	Varies
15	TA200357-1	Side Bumper Shim, 0.125 inch	Varies
	TA200357-2	Side Bumper Shim, 0.062 inch	
	TA200357-3	Side Bumper Shim, 0.031 inch	
16	MZ0901030062	5/8-inch Washer, Plain	Varies
17	TN202012	5/8-11 Hex. Head Bolt x 2.5 inches long	Varies
18	TA200887	End Bumper Assembly	Varies
19	TA200856-1	End Bumper Shims, 0.250 inch	Varies
	TA200856-2	End Bumper Shims, 0.125 inch	
	TA200856-3	End Bumper Shims, 0.062 inch	
20	TA205182	Gap Cover, 11 feet wide	Varies
21	MZ0901010330	1/2-13 Bolt x 3 inches long (per gap cover)	Varies
22	MZ0901030098	1/2-inch Washer (per section)	Varies
23	TN205318	Sleeve (per section)	Varies
24	TA206005	Side Shield (per section)	Varies
25	MZ0901010609	1/4-20 Hex. Head Screw x 1.75 inch long (standard)	Varies
	MZ0901010065	1/4-20 Hex. Head Screw x 0.75 inch long (9' 10" wide scales)	
26	TN202152	Clamp Plate (per side shield)	Varies
Not Shown	TN203217	Magnalube-G	
Not Shown	MZ0602000117	Loctite #242 Threadlocker	
Not Shown	TA200831	Locating Tool	



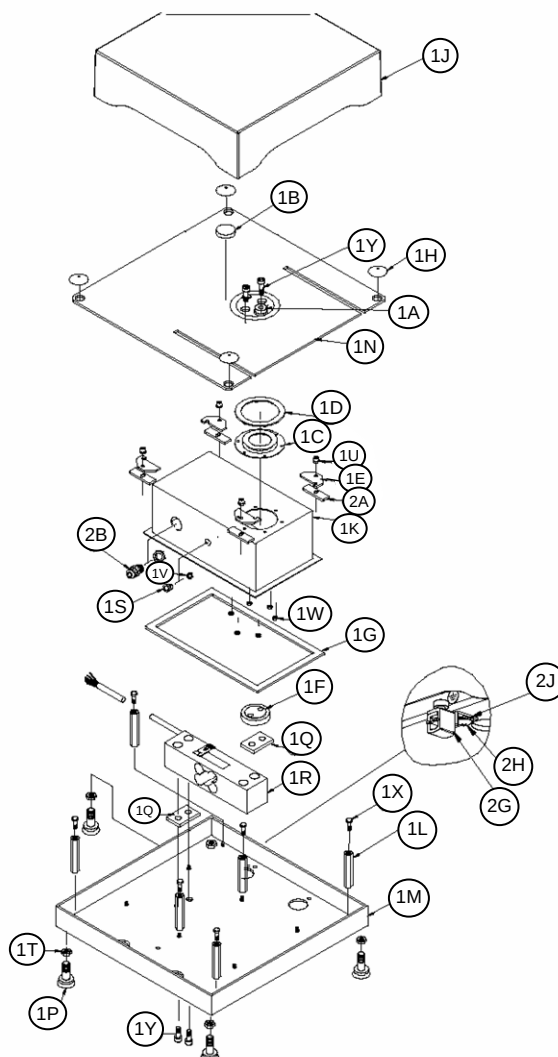
VTC210

Model WB

WB06(X) BaseLine Scale Base

Ref.	Part Number	Description	Qty.
1A	*10268900A	Level	1
1B	*10839700A	Pad, Damper	1
1C	*13937600A	Boot, Load Cell	1
1D	*15330100A	Clamp, Boot Ring	1
1E	*15219600A	Bracket, Hold Down	4
1F	*15349800A	Adapter Block, Boot	1
1G	*15219700A	Gasket, L/C Enclosure	1
1H	*14044100A	Pad, Bumper	4
1J	*15185700A	Platter, 9", No LIP	1
1K	*15185300A	Enclosure, L/C	1
1L	*15185500A	Standoff, 10-32	6
1M	*15186700A	Base Weldment, 9"	1
1N	*15186800A	Sub-platform, 9"	1
1P	*12900400A	Foot, Adjusting, 5/16 – 18	4
1Q	*14647700A	Spacer, L/C, 1.5 x 1.0	2
1R	*15187200A	Load Cell 11 kg (WB06)	1
	*15579200A	Load Cell 11 kg FM/CSA Approved (WB06X)	
1S	*15473000A	Vent, Breather	1
1T	R0365600A	Nut, Hex 5/16 – 18	4
1U	R0529100A	Acorn Nut, 10-32	4
1V	R0542300A	Nut, 1/8 – Pipe	1
1W	R0509500A	Nut, Lock 4-40	6
1X	R0518100A	Screw, 10 – 32 x 5/8 trimmed	1
1Y	R0540800A	Hole Plug, PG7	4
2A	*15419800A	Spacer, 1.50 x 43	4
2B	*12901800A	Grip Busing	1
2G	*09870100A	Ground Lug (See Note Below)	1
2H	R0357700A	Screw, 10-32x1/2 (See Note Below)	1
2J	R0546600A	Lock Washer, #10 (See Note Below)	1

Note: CSA and FM approved models only.



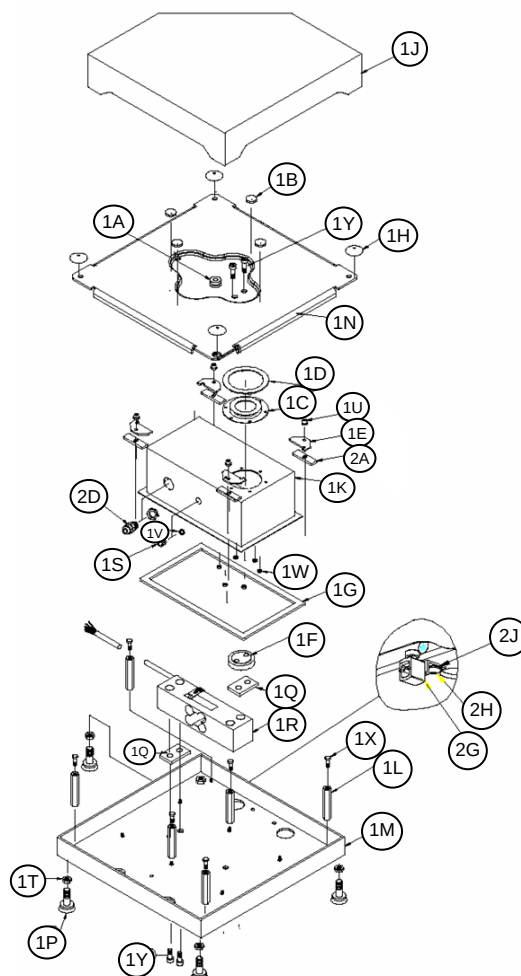
WB06(X) BaseLine Scale Base

* Part number may have an alpha prefix

WB15, WB30, WB60(X) BaseLine Scale Bases

Ref.	Part Number	Description	Qty
1A	10268900A	Level	1
1B	10839700A	Foot, Polyurethane, Adhesive Back	4
1C	13937600A	Boot, Load Cell	1
1D	15330100A	Clamp, Boot Ring	1
1E	15219600A	Bracket, Hold Down	4
1F	15349800A	Adapter Block, Boot	1
1G	15219700A	Gasket, L/C Enclosure	1
1H	14044100A	Pad, Bumper	4
1J	15185200A	Platter, 12", No LIP	1
1K	15185300A	Enclosure, Load Cell	1
1L	15185500A	Standoff, 10-32	6
1M	15187000A	Base Weldment, 12"	1
1N	15219200A	Sub-platform, 12"	1
1P	12900400A	Foot, Adjusting 5/16 – 18	4
1Q	14647700A	Spacer, L/C, 1.5 x 1.0	2
	14612300A	Load Cell 22 kg (WB15)	
	15180900A	Load Cell 22 kg, FM/CSA Approved (WB15X)	
1R	14611500A	Load Cell 45 kg (WB30)	1
	15181000A	Load Cell 45 kg, FM/CSA Approved (WB30X)	
	14611900A	Load Cell 100 kg (WB60)	
	15181100A	Load Cell 100 kg, FM/CSA Approved (WB60X)	
1S	15473000A	Vent, Breather	1
1T	R0365600A	Nut, Hex 5/16 – 18	4
1U	R0529100A	Acorn Nut, 10-32	4
1V	R0542300A	Nut, 1/8 – Pipe	1
1W	R0509500A	Nut, Lock 4-40	6
1X	R0518100A	Screw, 10 – 32 x 5/8 trimmed	1
1Y	R0540800A	Hole Plug, PG7	4
2A	15419800A	Spacer, 1.50 x .43	4
2B	12901800A	Grip Bushing with nut	1
2G	09870100A	Ground Lug (See Note Below)	1
2H	R0357700A	Screw, 10-32x1/2 (See Note Below)	1
2J	R0546600A	Lock Washer, #10 (See Note Below)	1

Note: CSA and FM approved models only.



WB15, WB30, WB60(X) BaseLine Scale Bases

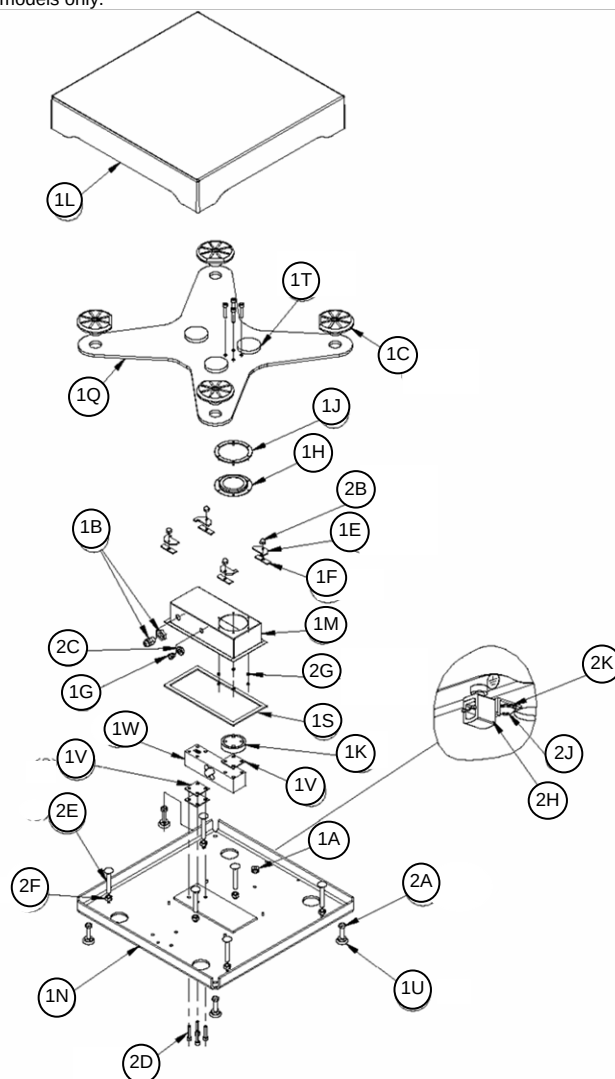
* Part number may have an alpha prefix

Model WB

WB75 and WB150(X) BaseLine Scale Bases

Ref.	Part Number	Description	Qty
1A	*10268900A	Level	1
1B	*12901800A	Grip Bushing	1
1C	*15083900A	Platter Pad, Corner	4
1E	*15219600A	Bracket, Hold Down	4
1F	*15419800A	Spacer, 1.5 x .43	4
1G	*15473000A	Vent, Breather	1
1H	*15674700A	Boot, L/C. 18 x 18 SW	1
1J	*15674800A	Clamp, Ring 18 x 18 SW	1
1K	*15674900A	Adapter Block Boot 18 x 18 SW	1
1L	*15675100A	Platter w/ lip, 18 x 18 (SW)	1
	*15675000A	Platter, no lip, 18 x 18 (WB)	
1M	*15675200A	Enclosure, L/C, 18 x 18	1
1N	*15675300A	Base, 18 x 18	1
1Q	*15675400A	Subplatter w/reinforcement	1
1S	*15676000A	Gasket, L/C Enclosure, 18 x 18	1
1T	*15676100A	Pad, Platter support	3
1U	*12900400A	Foot, Adjusting 5/16 – 18	4
1V	*14609700A	Spacer, 4 hole load cell	3
1W	*15181200A	Load Cell, 100 kg, FM/CSA approved (WB75x)	1
	*14654600A	Load Cell, 100 kg (WB75)	
	*15181300A	Load Cell, 200 kg, FM/CSA approved (WB150X)	1
	*14639000A	Load Cell, 200 kg, (WB150)	
2A	R0365600A	Nut, Hex, Jam 5/16 – 18	4
2B	R0529100A	Acorn Nut 10 – 32	4
2C	R0542300A	Nut, Hex, 1/8 – Pipe	1
2D	R0511000A	Screw, M6 x 35	8
2E	R0548100A	Bolt, Carriage, 5/16 – 18	6
2F	R0233700A	Nut, Hex, 5/16 – 18	6
2G	R0549500A	Nut, Hex, M3 w/insert	6
2H	*09870100A	Ground Lug (See Note Below)	1

Note: CSA and FM approved models only.

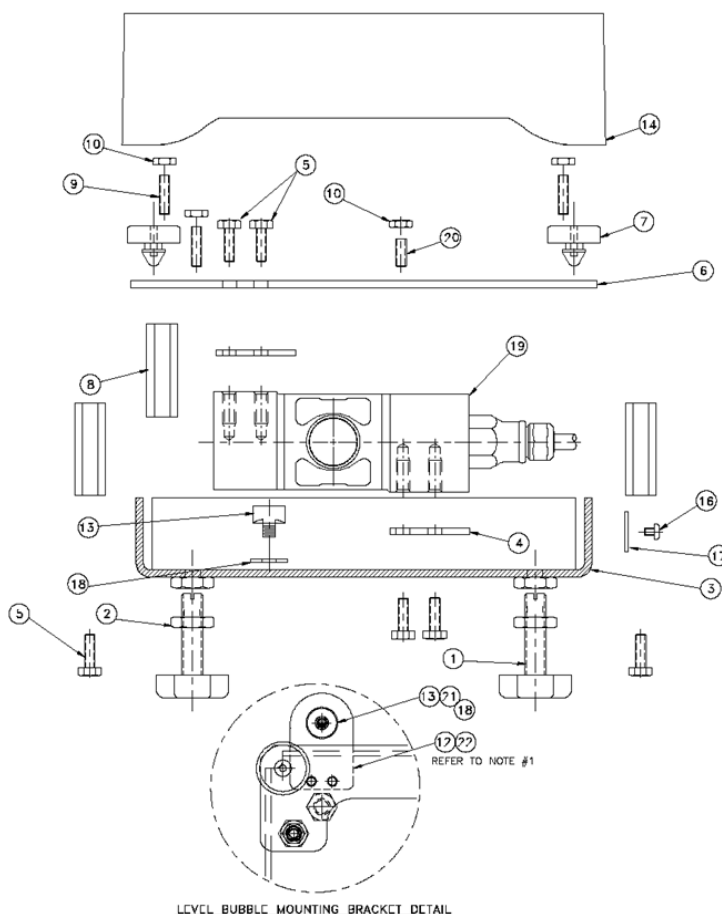
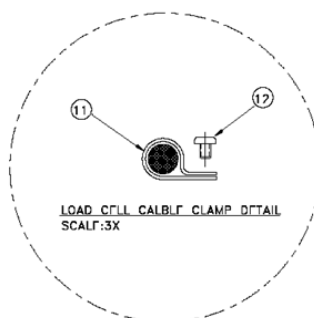


WB75 and WB150(X) BaseLine Scale Bases

WH Small Base (9")

Ref.	Part Number	Description	Qty.
1	*16470800A	Foot, Molded, 10 mm, SST	4
2	82708200A	Nut, Hex, Jam, M10 x, SST	4
3	*16404400A	Weldment, Base, 9 x 9	1
4	*16403800A	Spacer, LC Mounting	2
5	82712400A	Screw, Hex HD, M6 x 16 mm, SST	13
6	*16403300A	Frame, Top, Machined, 9 x 9	1
7	*16489800A	Bumper, Conductive	4
8	*16467600A	Standoff, Corner Overload, 1.75 inch lg.	5
9	R0562700A	Screw, Set, M6 x 16 mm, SST	5
10	R0562500A	Nut, Hex, M6x, Jam, SST	6
11	12464300A	Clamp, Cable, 188 inch dia.	1
12	82715100A	Screw, Pan HD, M4 x 6 mm, SST (see Note 1)	2
13	16476900A	Level, Indicator, Stud Mnt.	1
14	15185700B	Platter, 9 x 9, W/O Lip	1
15	A16406800A	Wrench (not shown)	1
16	R0395700A	Rivet, Blind, 188-.250	2
17	*15494000A	Data Plate, SST	1
18	R0520100A	Washer, ID 0.25, OD 0.687, 0.06 THK Nylon	1
19	16536300A	Load cell, Analog, 20 kg, ZTC, SST	1
20	83015000A	Screw, Set, M6 x 10 mm, SST	1
21	*16560700A	Bracket, Mount., Level, Bubble (see Note 1)	1
22	0208496104	Nut, M6x, Hex, Acorn, SST (see Note 1)	1

Note 1: Some models include an extended level mount (QTY 1) with (1) acorn nut and (2) M4x pan head screws.



WH Small Base (9")

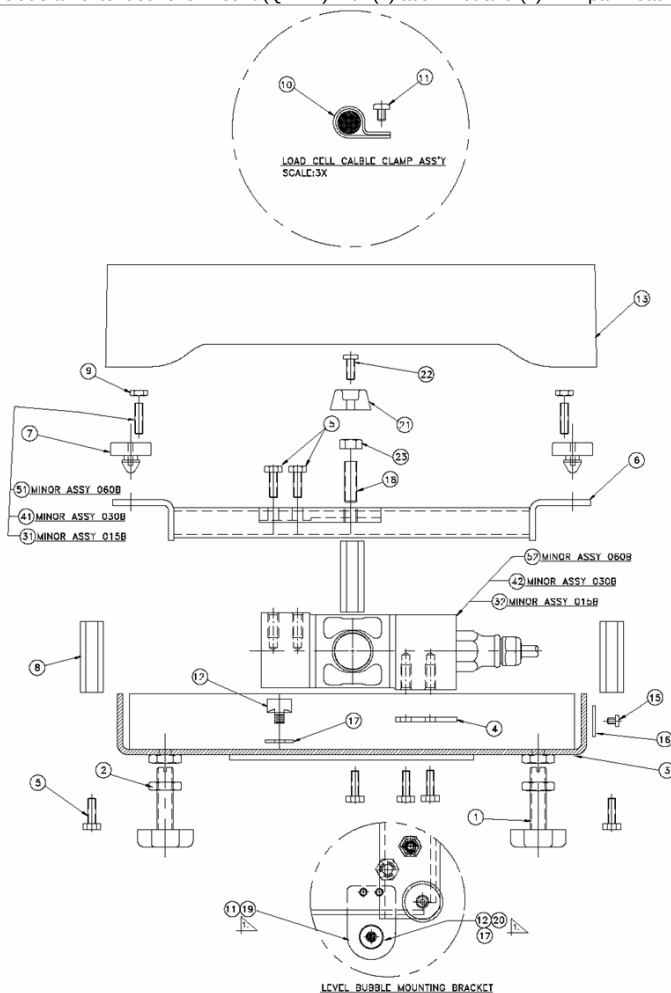
* Part number may have an alpha prefix

Model WH

WH Medium Base (12")

Ref.	Part Number	Description	Qty.
1	*16470800A	Foot, Molded, 10 mm, SST	4
2	82708200A	Nut, Hex, Jam, M10x, SST 4	4
3	*16458300A	Weldment, Base, 12 x 12	1
4	*16403800A	Spacer, LC Mounting 1	1
5	82712400A	Screw, Hex HD, M6 x 16 mm, SST 14	14
6	*16413500A	Frame, Top, Machined, 12 x 12	1
7	16489800A	Bumper Conductive	6
8	*16467600A	Standoff, Corner Overload, 1.75 inch lg.	6
9	R0562500A	Nut, Hex, M6x, Jam, SS	4
10	*12464300A	Clamp Cable 188 inch dia.	1
11	82715100A	Screw, Pan HD, M4 x 6 mm, SST	2
12	*16476900A	Level, Indicator, Stud Mnt.	1
13	*15185200B	Platter, 12 x 12, W/O Lip	1
14	A16406800A	Wrench (not shown)	1
15	R0395700A	Rivet, Blind, 188-.250	2
16	*15494000A	Data Plate, SST	1
17	R0520100A	Washer, ID 0.25, OD 0.687, 0.06 THK Nylon	1
18	R0563000A	Screw, Set, M8 x 20 mm, SST 2	2
19	16560700A	Bracket, Mnt, Level, Bubble	1
20	0208496104	Nut, M6x, Hex, Acorn, SST	1
21	*16497600A	Bumper, Neoprene, 1" Dia.	1
22	82715900A	Screw, Pan HD, M5 x 10, SST	1
23	R0562600A	Nut, Hex, Jam, M8x, SST	2
Minor Assembly - Base 015B			
31	R0566600A	Screw, Set, HS, M6 x 25, SST	4
32	*16406000A	Load Cell, Analog, 20 kg, SST	1
Minor Assembly - Base 030B			
41	R0566600A	Screw, Set, HS, M6 x 25, SST	4
42	*16406100A	Load Cell, Analog, 50 kg, SST	1
Minor Assembly - Base 060B			
51	R0562700A	Screw, Set, HS, M6 x 16, SST	4
52	*16406200A	Load Cell, Analog, 100 kg, SST	1

Note 1: Some models include an extended level mount (QTY 1) with (1) acorn nut and (2) M4x pan head screws.



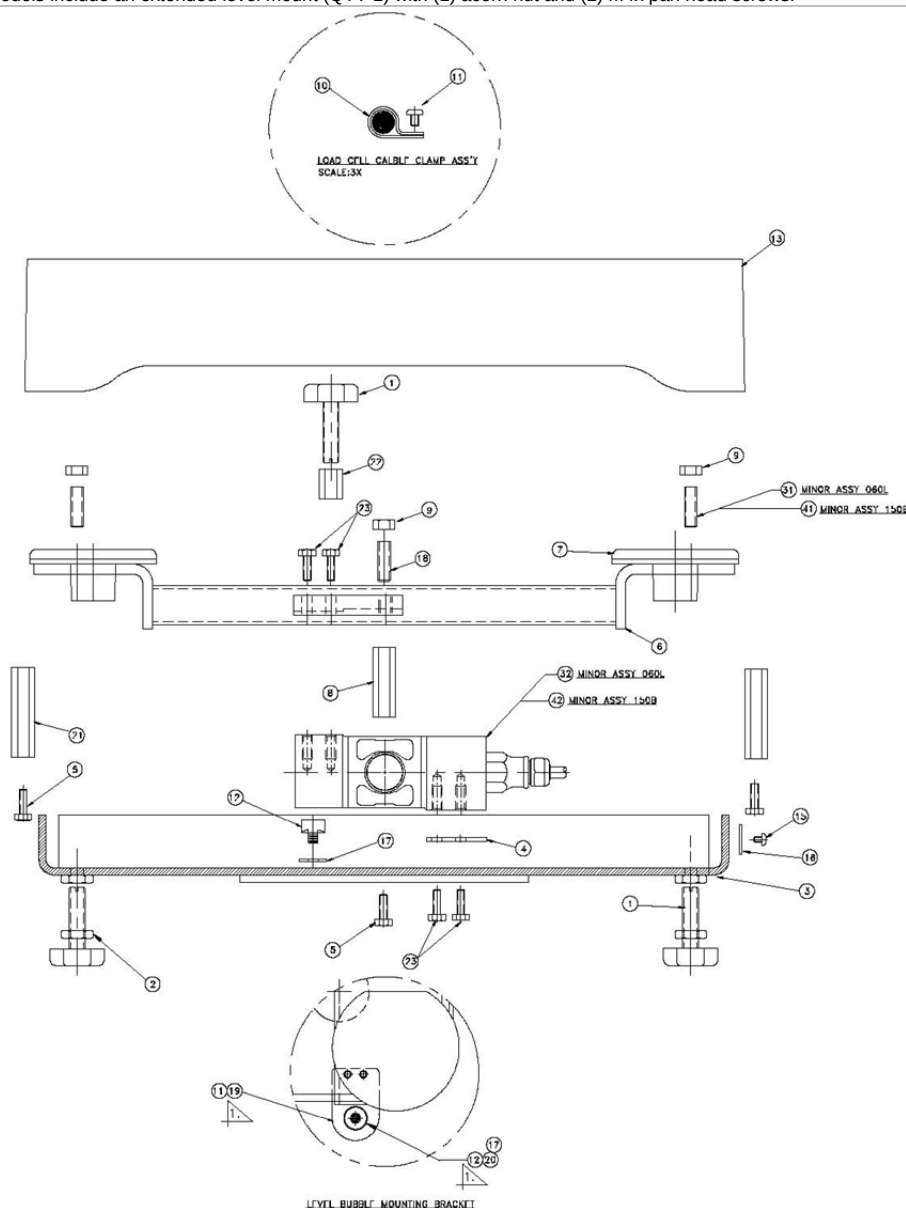
WH Medium Base (12")

* Part number may have an alpha prefix

WH Large Base (18")

Ref.	Part Number	Description	Qty
1	*16470800A	Foot, Molded, 10 mm, SST	6
2	82708200A	Nut, Hex, Jam, M10x, SST	4
3	*16458500A	Weldment, Base, 18 x 18	1
4	*16403800A	Spacer, LC Mounting	1
5	82712400A	Screw, Hex HD, M6 x 16 mm, SST	6
6	*16444600A	Frame, Top, Machined, 18 x 18	1
7	*15083900A	Bumper, Conductive	4
8	*16467600A	Standoff, Corner Overload, 1.75 inch lg.	2
9	R0562600A	Nut, Hex, Jam, M8x, SST	6
10	12464300A	Clamp, Cable, 188 inch dia.	1
11	82715100A	Screw, Pan HD, M4 x 6 mm, SST (see Note 1)	2
12	16476900A	Level, Indicator, Stud Mnt.	1
13	15675000B	Platter, 18 x 18, W/O Lip	1
14	A16406800A	Wrench (not shown)	1
15	R0395700A	Rivet, Blind, 188-.250	2
16	*15494000A	Data Plate, SST	1
17	R0520100A	Washer, ID 0.25, OD 0.687, 0.06 THK Nylon	1
18	R0562900A	Screw, Set, M8 x 25 mm, SST	2
19	*16560700A	Bracket, Mnt, Level, Bubble (see Note 1)	1
20	0208496104	Nut, M6x, Hex, Acorn, SST (see Note 1)	1
21	*16467500A	Standoff, Corner Overload, 2.25 inch lg.	4
22	*16467700A	Spacer, M10x, Through Thread, SST	2
23	82712500A	Screw, Hex HD, M6 x 16 mm, SST	8

Note 1: Some models include an extended level mount (QTY 1) with (1) acorn nut and (2) M4x pan head screws.



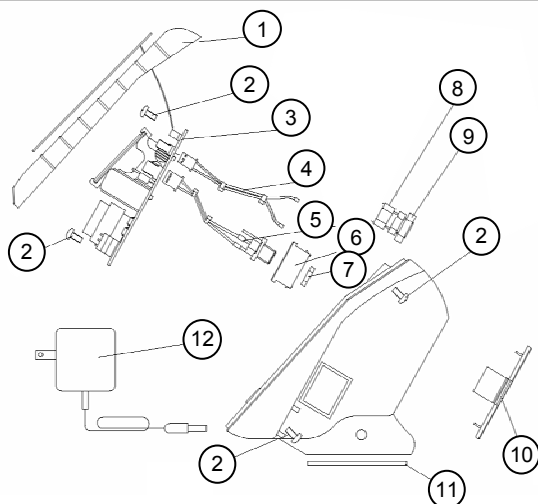
WH Large Base (18")

* Part number may have an alpha prefix

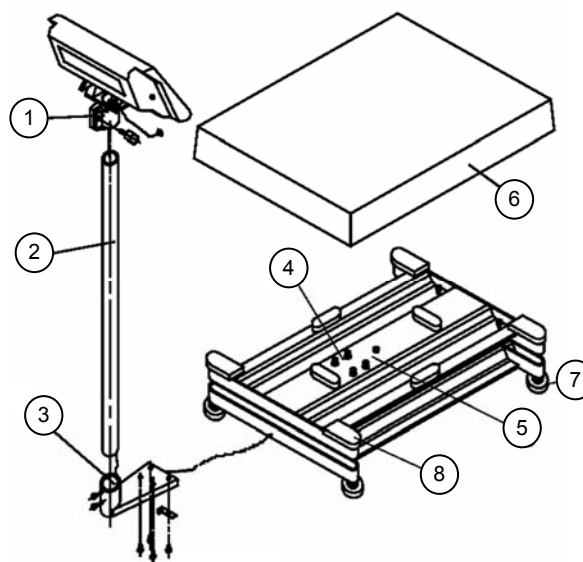
Model Wildcat

Wildcat Terminal

Ref.	Part Number	Description	Qty
1	127482OTC	Front Cover, Keyboard & Overlay Assembly	1
2	R0512000A	Screw, M4 x 6	8
3	127483OTC	Main PCB w/ Backlight	3
	127484OTC	Main PCB w/o Backlight	1
4	124466OTC	Battery Harness	1
5	124467OTC	Power Supply Harness	1
6	124454OTC	Power Supply Plate	1
7	121101OTC	Nut, Power Supply	1
8	12901800A	Grip Bushing	1
9	14577900A	Grip Bushing Nut	1
10	124453OTC	Battery Cavity Cover Plate	1
11	124464OTC	Rubber Bar	2
12	124474OTC	Wall Adapter, 120 VAC, US Plug	1
	125967OTC	Wall Adapter, 220 VAC, US Plug	
	125969OTC	Wall Adapter, 230 VAC, EU Plug	



Wildcat Terminal



Wildcat on Wheels (WS30, WS60, WS60L, WS150)

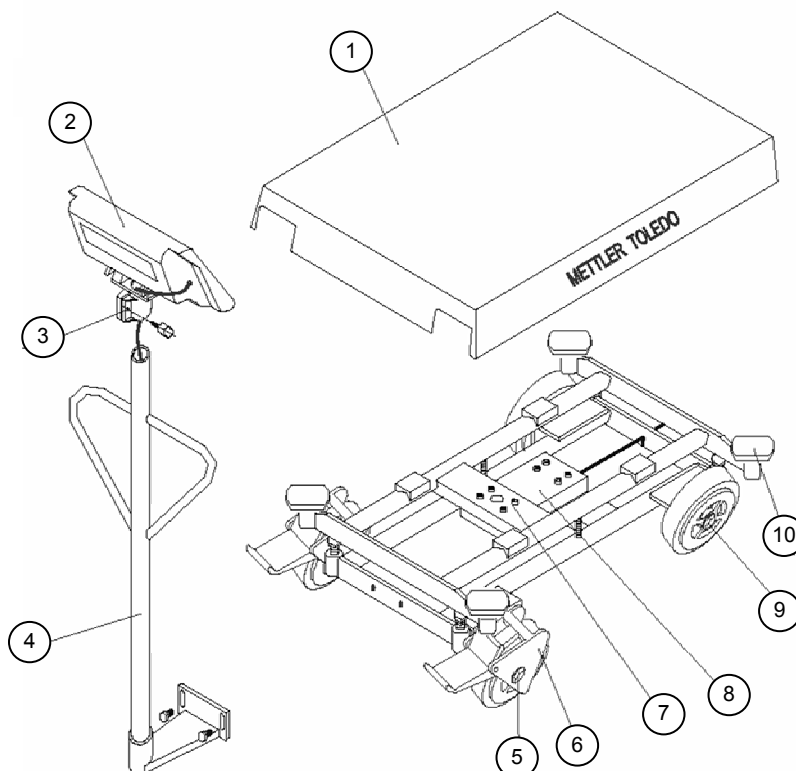
Wildcat on Wheels Column and Base (WS30, WS60, WS60L, WS150)

Ref.	Part Number	Description	Qty
1	126431OTC	Indicator Bracket Assembly	1
2	125105OTC	Stainless Steel Column, 350 mm high	2
	125103OTC	Stainless Steel Column, 680 mm high	1
3	123775OTC	Column Bracket	1
4	123976OTC	Load Cell, 100 kg (WS30R, WS60R, WS60LR)	4
	123979OTC	Load Cell, 250 kg (WS150R)	1
5	102504OTC	Load Cell Mounting Bolts, M6 x 25	8
6	125883OTC	Stainless Steel Platter, (WS30R, WS60R)	6
	125881OTC	Stainless Steel Platter, (WS60LR, WS150R)	1
7	125009OTC	Adjustable Foot	4
8	125006OTC	Rubber Platter Supports (WS60LR, WS50R)	8
	125924OTC	Rubber Platter Supports (WS30R, WS60R)	4

* Part number may have an alpha prefix

Wildcat Column and Base (WW250 and WW500)

Ref.	Part Number	Description	Qty
1	134926OTC	1 Stainless Steel Platter, 500 x 700mm	1
2	See Wildcat Terminal	Terminal (See Wildcat Terminal previous page)	—
3	126431OTC	3 Indicator Bracket Assembly	1
4	134929OTC	4 Column Assembly	1
5	102438OTC	5 Wheel Mounting Bolts, M12 x 90	—
6	131702OTC	6 4" Polyurethane Wheel Set (2 wheels with brakes)	4
7	114657OTC	Load Cell, BMI-500 kg	7
	118283OTC	Load Cell, BMI-1000 kg	1
8	118033OTC	Load Cell Mounting Bolts, M10 x 60	8
	102527OTC	Load Cell Mounting Bolts, M12 x 70	8
9	102440OTC	9 Wheel Mounting Bolts, M12 x110 (for brakes)	—
10	136634OTC	Rubber Platter Supports (WW250VR) Rubber Platter Supports (WW500VR)	4



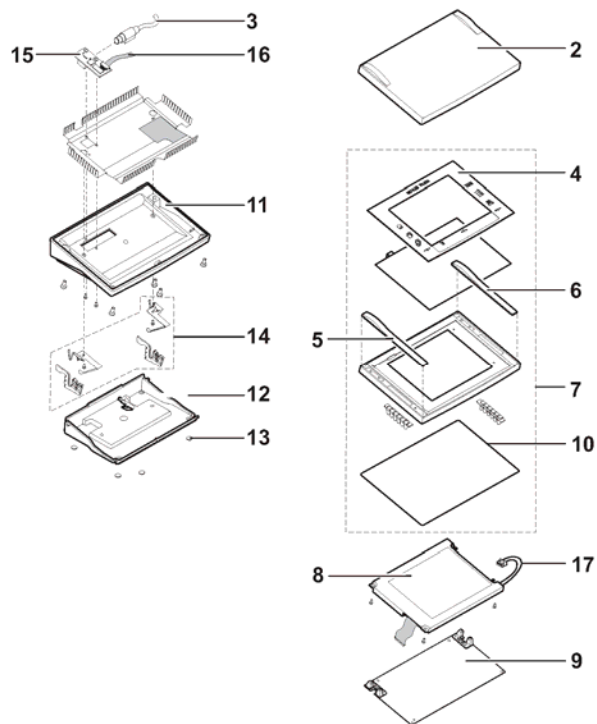
Wildcat Column and Base (WW250 and WW500)

* Part number may have an alpha prefix

Model XP

XP Terminal PPT

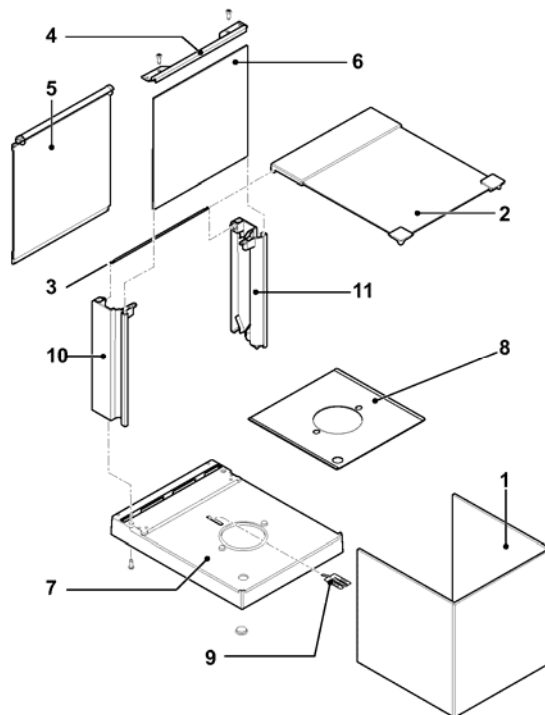
Ref.	Part Number	Description
1	11133035	U-Glass MagicCube
2	11133036	Door Top MagicCube
3	11131633	Torsion spring MagicCube
4	11131615	Holder Side-Door MagicCube
5	11133037	Side-Door MagicCube
6	11131645	Rear Panel MagicCube
7	11131611	Bottom MagicCube
8	11131631	Baseplate MagicCube
9	11131632	Contact spring MagicCube
10	11131613	Column left MagicCube
11	11131612	Column right MagicCube



XP Terminal PPT

XP Draft Shield

Ref.	Part Number	Description
1	11133035	U-Glass MagicCube
2	11133036	Door Top MagicCube
3	11131633	Torsion spring MagicCube
4	11131615	Holder Side-Door MagicCube
5	11133037	Side-Door MagicCube
6	11131645	Rear Panel MagicCube
7	11131611	Bottom MagicCube
8	11131631	Baseplate MagicCube
9	11131632	Contact spring MagicCube
10	11131613	Column left MagicCube
11	11131612	Column right MagicCube

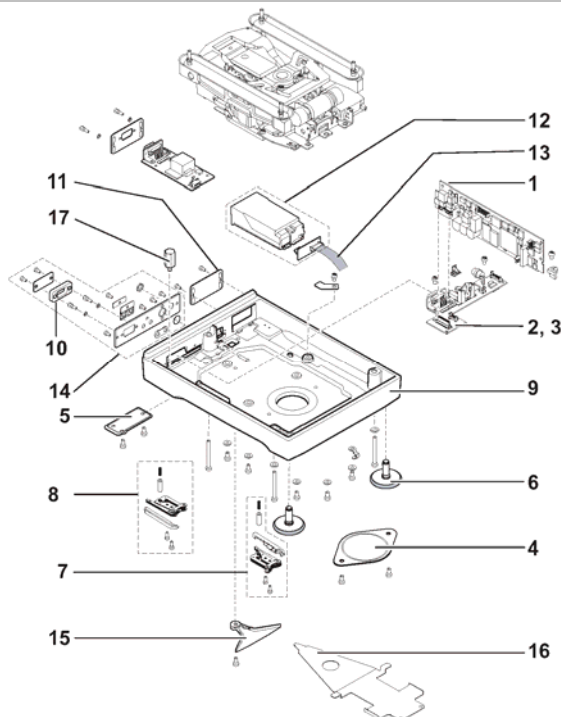


XP Draft Shield

Model XP

XP Weighbridge XPxx3S, XPxx3SDR, XPxxx3S

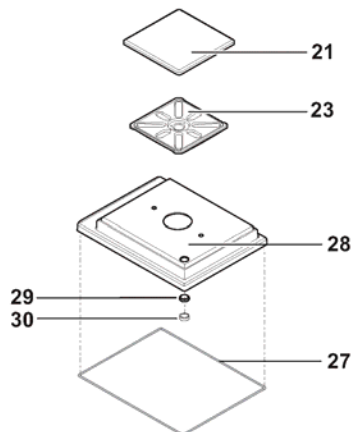
Ref.	Part Number	Description
1	11132000	Weighbridge PCB
2	11132010	Back Plane PCB
3	86320	Battery
4	11131074	Hanger Cover
5	11131075	Cap Terminal Cable
6	11106323	Leveling Foot
7	11131055	Auxiliary Foot left
8	11131056	Auxiliary Foot right
9	11131010	Bottom Housing Small
10	11133032	Protection RS-Connector
11	11131071	Cover Opt. Interface
12	11133033	Interface Holder Kpl.
13	11132029	Cable Option
14	11131016	Rear Panel Kpl.
15	11131019	Coupling Terminal Holder
16	11131020	Terminal Holder
17	11131045	Level Holder high



XP Weighbridge XPxx3S, XPxx3SDR, XPxxx3S

XP Spare Parts

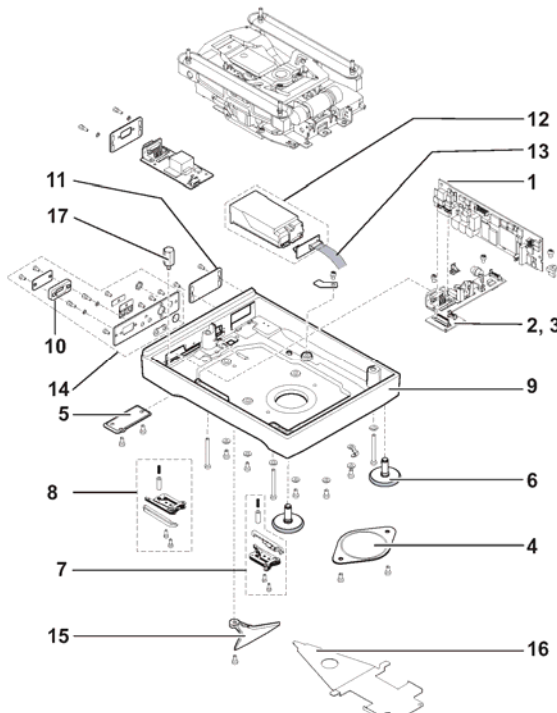
Ref.	Part Number	Description
21	11131022	Weighing Pan 127 x 127mm
23	11133040	Pan Support 1mg
27	11131028	Seal Housing
28	11133042	Top Housing
29	11131046	Level Window
30	11101335	Level



XP Spare Parts

XP Weighbridge XPxx2S, XPxxx2S, XPxxx2SDR, XPxxxx2S, XPxxxx2SDR

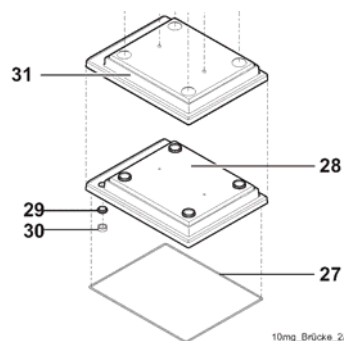
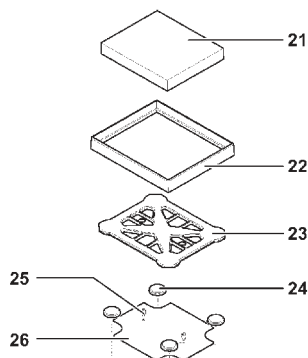
Ref.	Part Number	Description
1	11132000	Weighbridge PCB
2	11132010	Backplane PCB
3	86320	Battery
4	11131074	Hanger Cover
5	11131075	Cap Terminal Cable
6	11106323	Leveling Foot
7	11133030	Support Foot right
8	11133031	Support Foot left
9	11131010	Bottom Housing small
10	11133032	Protection RS-Connector
11	11131071	Cover Opt. Interface
12	11133033	Interface holder kpl.
13	11132029	Cable Option
14	11131016	Rear Panel kpl.
15	11131019	Coupling Term. Holder
16	11131020	Terminal Holder
17	11131044	Level Holder small



XP Weighbridge XPxx2S, XPxxx2S, XPxxx2SDR, XPxxxx2S, XPxxxx2SDR

XP Spare Parts

Ref.	Part Number	Description
21	11131030	Weighing Pan 170 x 205mm
22	11131040	Draft shield element
23	11131034	Pan Support 10mg
24	11131029	Pan Support
25	11131073	Stop Screw
26	11131067	Fastening Plate
27	11131028	Seal Housing
28	11133043	Top Housing
29	11131046	Level Window
30	11101335	Level
31	11133034	Protective Cover

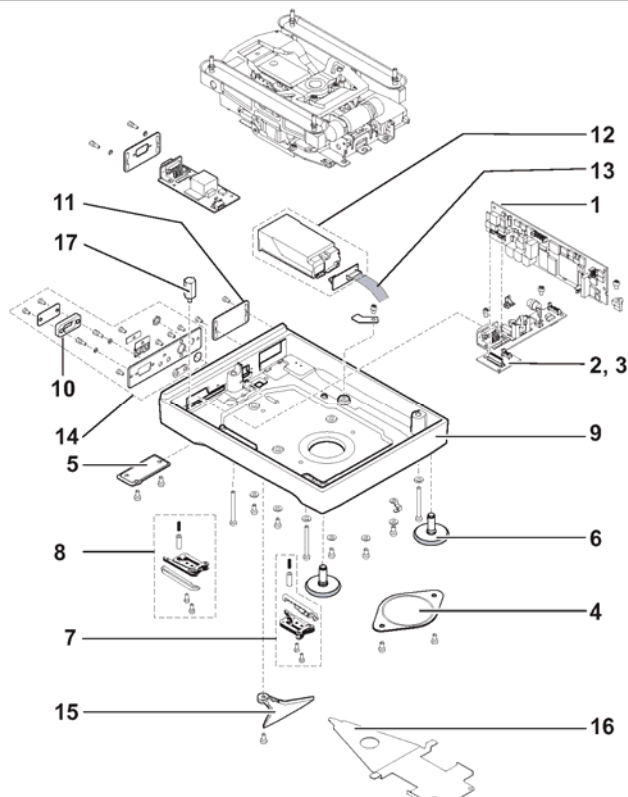


XP Spare Parts

Model XP

XP Weighbridge XPxxx1S

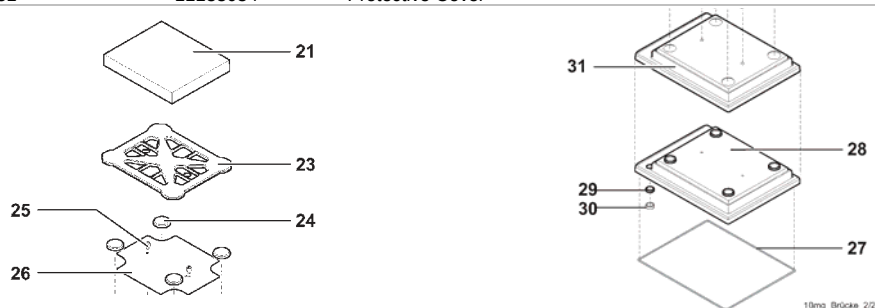
Ref.	Part Number	Description
1	11132000	Weighbridge PCB
2	11132010	Backplane PCB
3	86320	Battery
4	11131074	Hanger Cover
5	11131075	Cap Terminal Cable
6	11106323	Leveling Foot
7	11133030	Support Foot Right
8	11133031	Support Foot Left
9	11131010	Bottom Housing Small
10	11133032	Protection RS-Connector
11	11131071	Cover Opt. Interface
12	11133033	Interface holder kpl.
13	11132029	Cable Option
14	11131016	Rear Panel kpl.
15	11131019	Coupling Term. Holder
16	11131020	Terminal Holder
17	11131044	Level Holder Small



XP Weighbridge XPxxx1S

XP Spare Parts

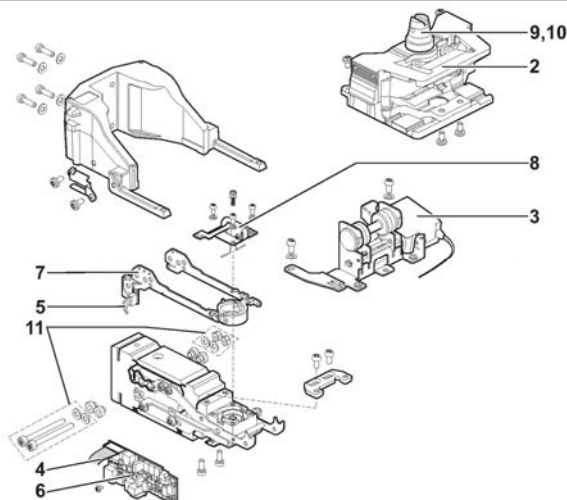
Ref.	Part Number	Description
21	11131031	Weighing Pan 190 x 223 mm
23	11131037	Pan Support 0.1mg
24	11131029	Pan Support
25	11131073	Stop Screw
26	11131067	Fastening Plate
27	11131028	Seal Housing
28	11133043	Top Housing
29	11131046	Level Window
30	11101335	Level
31	11133034	Protective Cover



XP Spare Parts

XP Weighing Cell MonoBloc, 1 mg

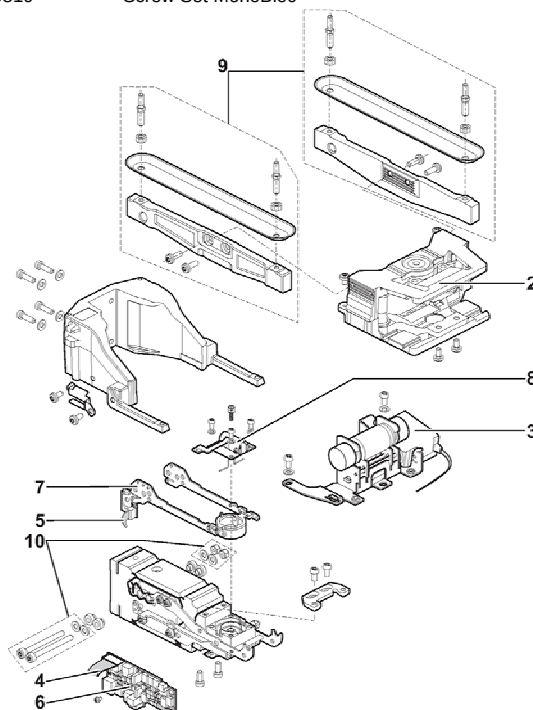
Ref.	Part Number	Description
1	11133010	Weighing Cell MonoBloc mounted with Overload Protection
2	42900803	Overload Protection 1mg
3	42900801	Calibration Drive
4	42900480	Detector Cable
5	42900481	Coil Cable
6	42900808	Cell PCB 1mg
7	217400	Lever
8	217401	Detection
9	42900800	Cone Ferrit Ring
10	42900428	Cone Cover
11	42900819	Screw Set MonoBloc



XP Weighing Cell MonoBloc, 1 mg

XP Weighing Cell MonoBloc, 6 kg

Ref.	Part Number	Description
1	11133011	Weighing cell MonoBloc mounted with Overload Protection
2	42900804	Overload Protection 6 kg
3	42900801	Calibration Drive
4	42900480	Detector Cable
5	42900481	Coil Cable
6	42900809	Cell PCB 6 kg
7	217400	Lever
8	217401	Detection
9	42900816	Four-Point Support Left/Right
10	42900819	Screw Set MonoBloc

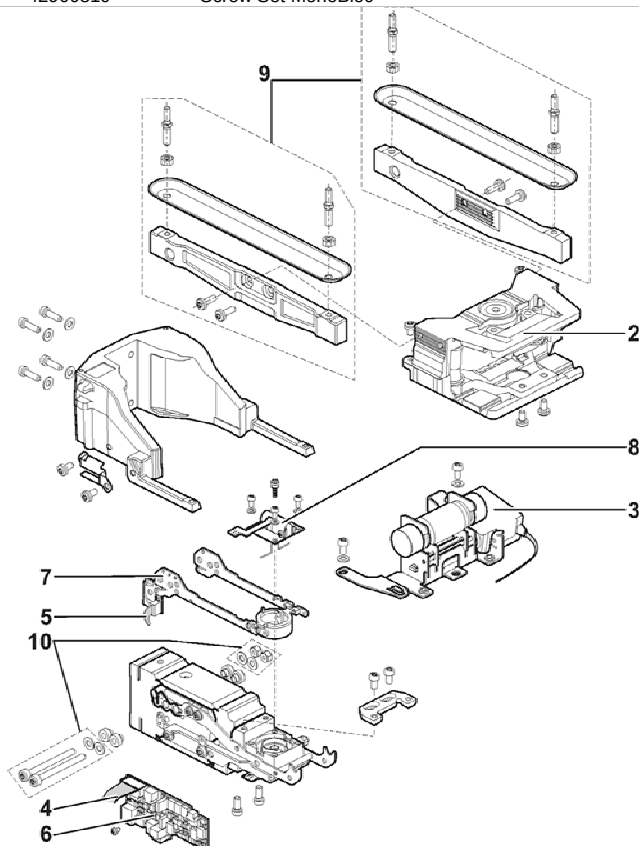


XP Weighing Cell MonoBloc, 6 kg

Model XP

XP Weighing Cell MonoBloc, 8-10 kg

Ref.	Part Number	Description
1	11133012	Weighing cell MonoBloc mounted with Overload Protection
2	42900805	Overload Protection 8-10 kg
3	42900801	Calibration Drive
4	42900480	Detector Cable
5	42900481	Coil Cable
6	42900810	Cell PCB 6 kg
7	217400	Lever
8	217401	Detection
9	42900816	Four-Point Support Left/Right
10	42900819	Screw Set MonoBloc



XP Weighing Cell MonoBloc, 8-10 kg

XP Model Plate Balance

Part Number	Balance	Part Number	Balance	Part Number	Balance
11130418	XP4001S	11130448	XP1202S	11130440	XP203S
11130457	XP6001S	11130450	XP4002S	11130441	XP603S
11130466	XP8001S	11130451	XP6002S	11130444	XP603SDR
11130467	XP10001S	11130452	XP6002SDR	11130446	XP1203S
		11130460	XP8002S		
		11130461	XP10002S		
		11130464	XP10002S		
		11130462	XP10002SDR		
		11130465	XP10002SDR		

XP Model Plate Weighbridge

Part Number	Balance	Part Number	Balance	Part Number	Balance
11130458	X4001S	11130449	X1202S	11130442	X203S
11130459	X6001S	11130453	X4002S	11130443	X603S
11130468	X8001S	11130454	X6002S	11130445	X603SDR
11130469	X10001S	11130455	X6002SDR	11130447	X1203S
		11130463	X8002S		
		11130464	X10002S		
		11130465	X10002SDR		

Mettler-Toledo, Inc.
Aftermarket Parts

1900 Polaris Parkway
Columbus, Ohio 43240

Tel: (800) 848-3992

Fax: (800) 405-6312
(614) 438-4921

© 2004 Mettler-Toledo, Inc.
METTLER TOLEDO® is a registered trademark of Mettler-Toledo, Inc.
Printed in the U.S.A

I04-IF25383.1E