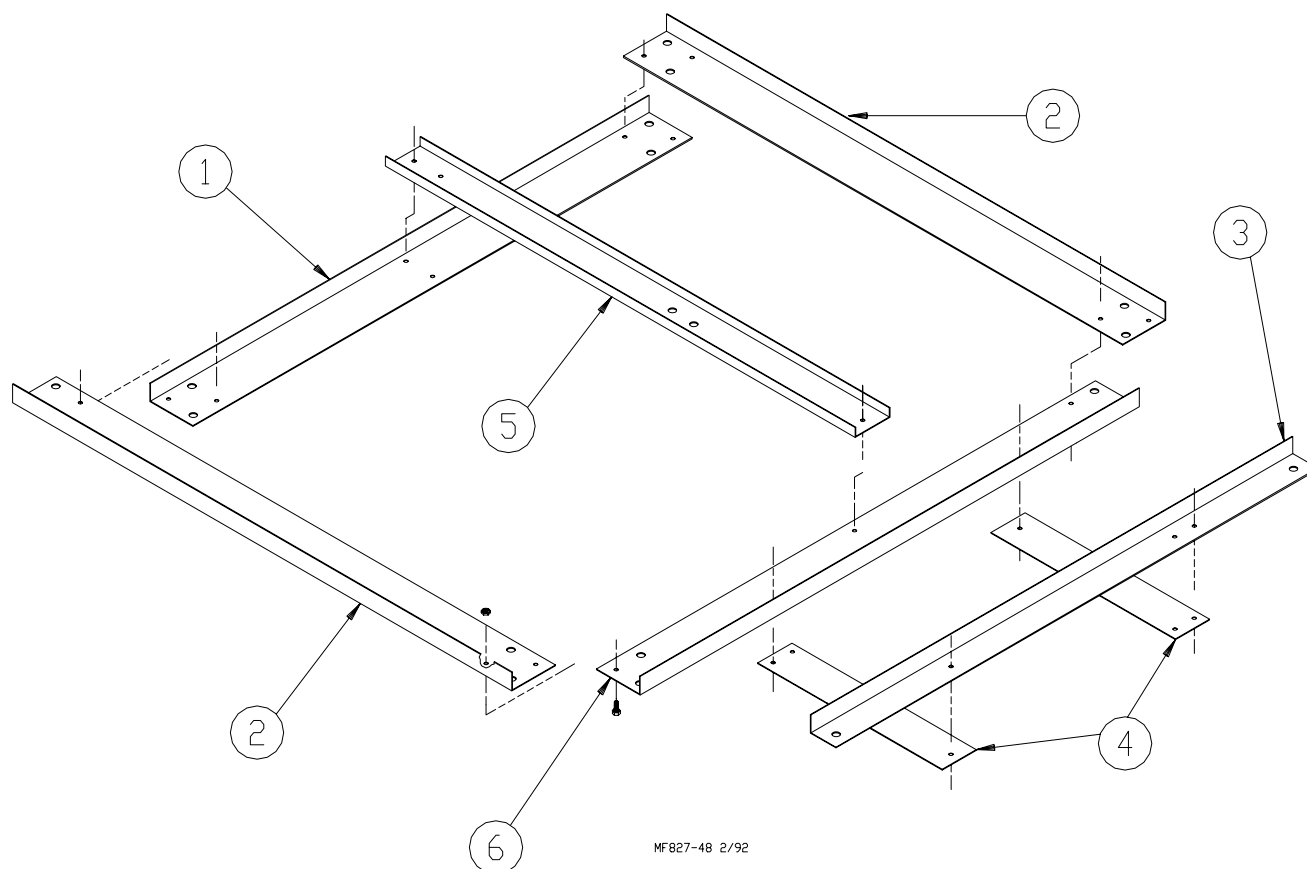


Floor Feeder Scale Systems and Components

Weigh Scale Template: Part No 5978

Item	Description	Part No
1	Rear Plate	5984
2	Side Plate	5988
3	Beam Box Leg Plate	5986
4	Connector Plate	5985
5	Center Plate	5989
6	Front Plate	5987



Weigh Scale Assembly

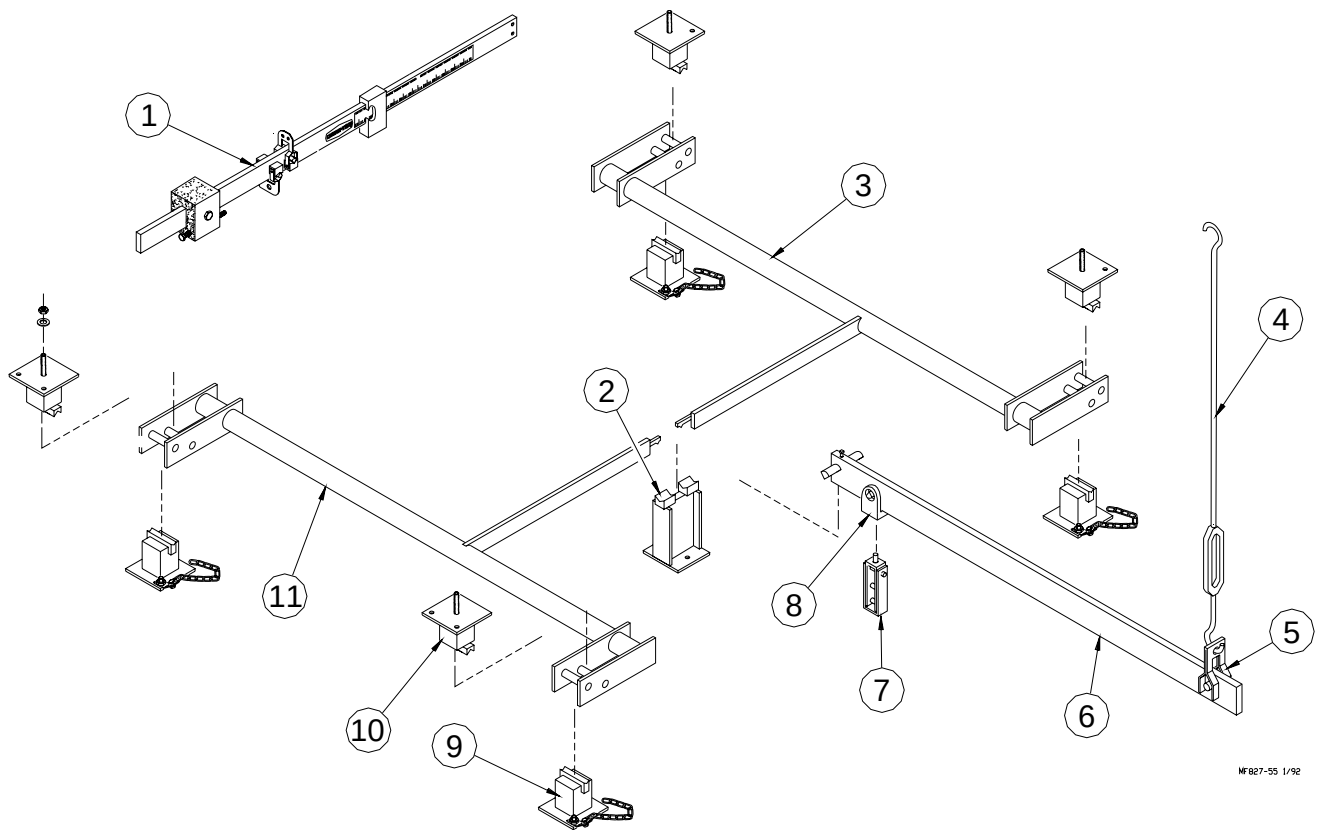
Item	Description	Part No
1	5000 lb [2286 kg] Beam Assembly	46086
	8000 lb [3629 kg] Beam Assembly	46085
2	Transverse Stand Assembly	46084
3	Right Main Lever Assembly	46078
4	Steelyard Rod Assmby	46079
5	Trip Loop	46080
6	Transverse Lever Assembly	46081
7	Shackle	46082
8	Load Loop	46083
9	Lower Main Stand Assembly	46075
10	Upper Main Stand Assembly	46076
11	Left Main Lever Assembly	46077

A 5000 lb [2286 kg] Bin Scale Assembly without Beam Box may be ordered under Part No. 46050.

A 8000 lb [3629 kg] Bin Scale Assembly without Beam Box may be ordered under Part No. 46055

A 5000 lb [2286 kg] Bin Scale Assembly with Beam Box may be ordered under Part No. 46044.

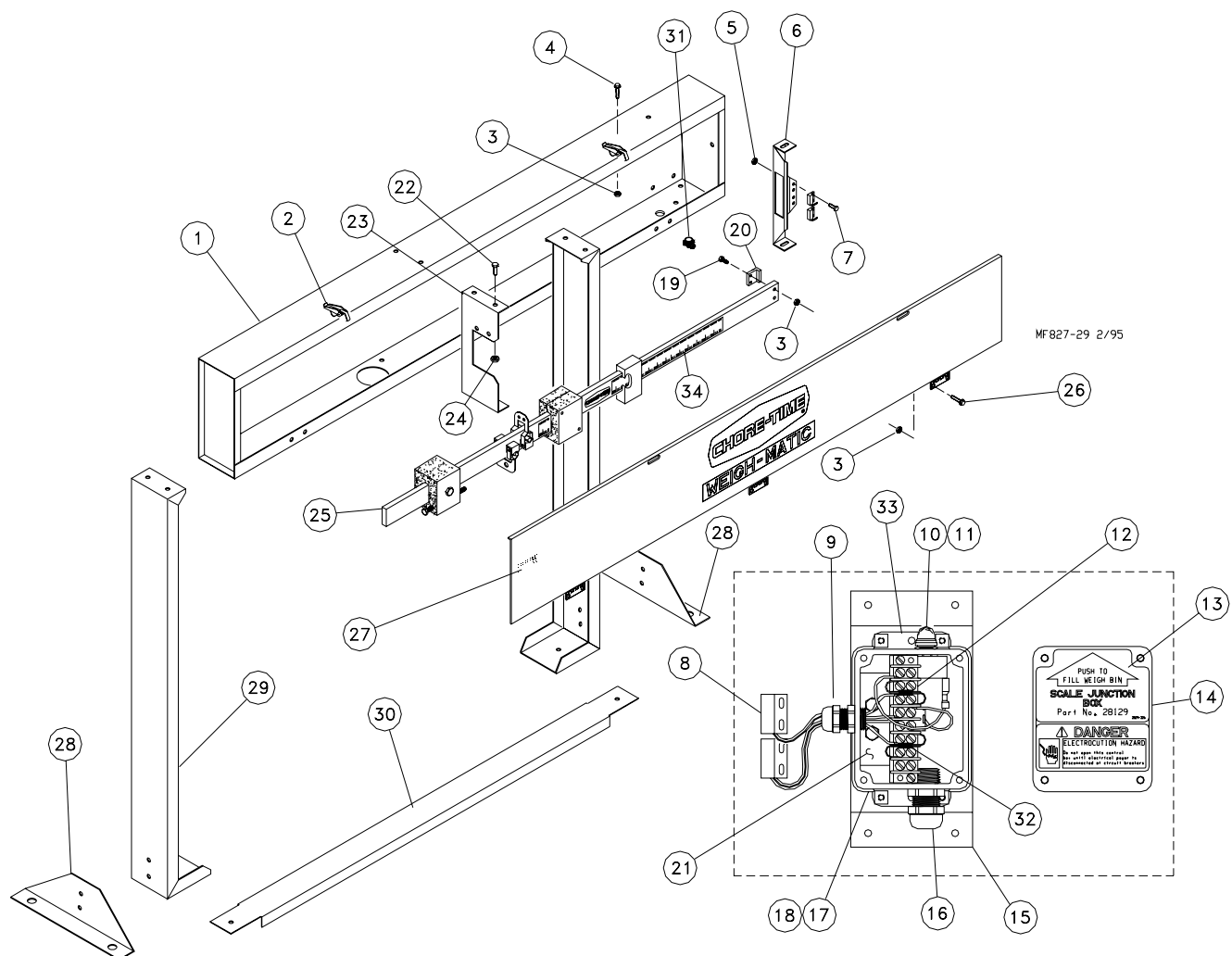
A 8000 lb [3629 kg] Bin Scale Assembly with Beam Box may be ordered under Part No. 46054.



NF827-55 1/92

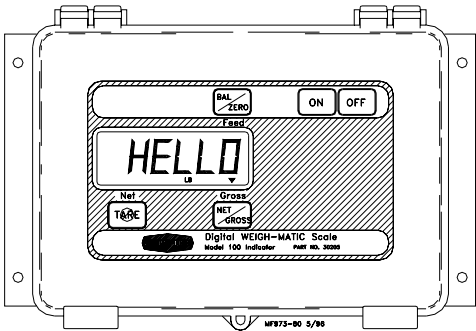
Beam Box Assembly: Part No. 5790

Item	Description	Part No	Item	Description	Part No
1	Case Weldment	5797	20	Magnetic Actuator	5789
2	Over Center Clamp	2536	21	Terminal Mount	28599
3	10-24 Nut	27725	22	3/8-16 x 3/4 HHCS	2182
4	10-24 x 3/8" Rd Hd M.S.	1553	23	Pivot Bracket	5803
5	4-40 Hex Nut	3511	24	3/8-16 Hex Nut	1549
6	Trig Loop	7472	25	Weigh Beam Assembly	
7	4-40 x 5/8" Rd Hd M.S.	3510		5000 lb [2286 kg]	46086
8	Proximity Sensor	6689		8000 lb [3629 kg]	46085
9	Liquid Tight Connector	13477	26	10-24 x 3/8 Truss Screw	501
10	Momentary Switch	5785	27	Cover Weldment	5799
11	Push Button Boot	20784	28	Leg Support	5924
12	Terminal Block	7270	29	Leg Weldment	5793
13	Terminal Box Decal	2529-326	30	Channel	7589
14	Switch Box Cover	6776	31	Romex Connector	1317
15	Switch Mount Bracket	28247	32	Resistor, 390 ohm	1709-19
16	Water Tight Connector	23779	33	Mounting Cover	6956
17	Terminal Mount Box	28597	34	Beam Bar Decal	
18	Gasket	6777		5000 lb [2286 kg]	46679
19	4-40 x 3/4" Rd Hd M.S.	4143-2		8000 lb [3629 kg]	46680

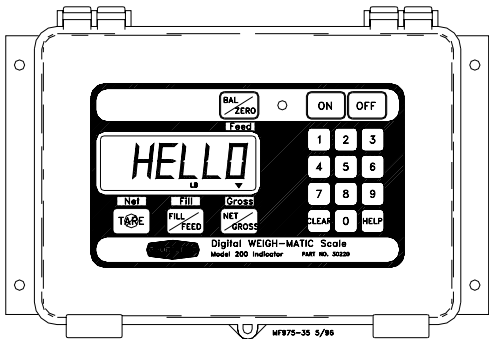


Model 100 & Model 200 Digital Indicators

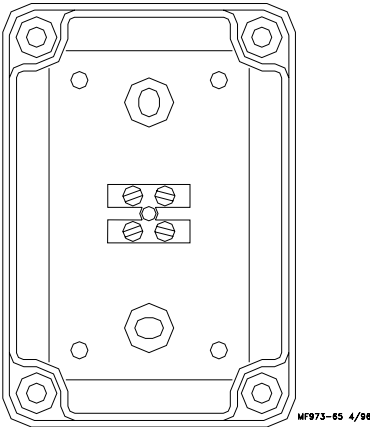
Model 100 Indicator	
Part No	Description
47590	Model 100 Indicator w/Computer Interface
30210	
30232	Model 100 Indicator w/Computer Interface and Connection Box
Not Shown	
30189	Cable for RS232 Port
30177	Power Cable
30194	10' Data Cable
30187	20 Milliampere Connector



Model 200 Indicator	
Part No	Description
47595	Model 200 Indicator w/Computer Interface
30225	
34456	Model 200 Indicator w/Pulsed Output
30228	Model 200 Indicator w/Computer Interface and Junction Control
Not Shown	
30189	Cable for RS232 Port
30177	Power Cable
30194	10' Data Cable
30187	20 Milliampere Connector



Connection Box: Part No. 30266

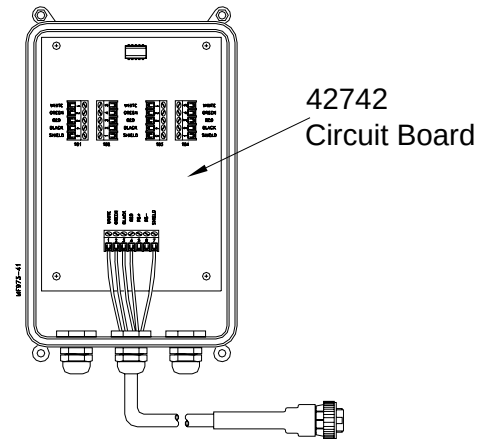


J-Boxes & Cable Sets

Part No	Description
30201*	J-Box w/30' Cord
30202*	J-Box w/50' Cord
30203*	J-Box w/70' Cord
30204*	J-Box w/90' Cord
30182	J-Box Assembly (No Plug)
30235	J-Box Assembly
Not Shown	
30192	J-Box Extension Plug Kit (Plugs Only)
30190	J-Box Extension Cable (Cable Only)

***Includes Power Cable and Cord (as specified)**

Note: J-Box Cables may be ordered separately. See Miscellaneous Components and Cable Sets Parts List.

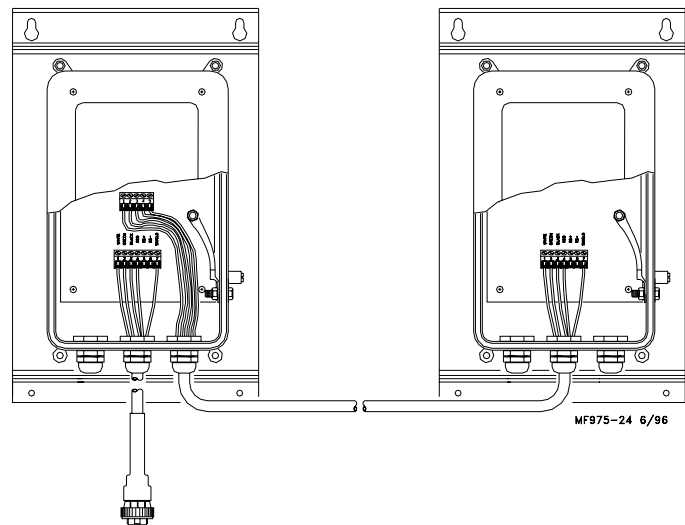


J-Box Duplex Kit

Part No	Description
30207	J-Box Duplex Kit w/30' Cord
36752	J-Box Duplex Kit w/50' Cord
36753	J-Box Duplex Kit w/70' Cord
36754	J-Box Duplex Kit w/90' Cord

Duplex J-Box

Part No	Description
36687	Duplex J-Box w/50' Cord
36688	Duplex J-Box w/70' Cord
36689	Duplex J-Box w/90' Cord



Miscellaneous Components and Cable Sets

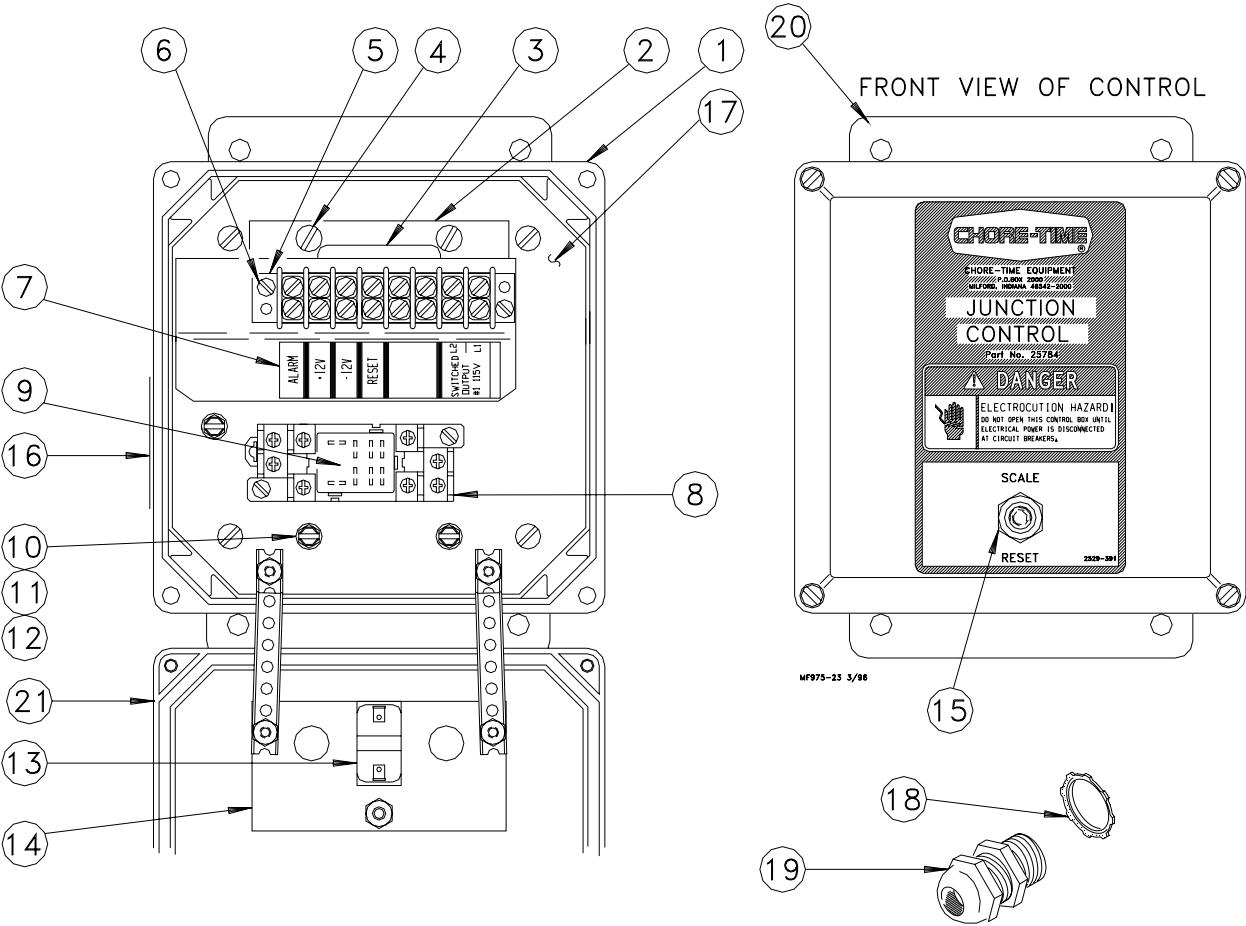
Part No	Description
36690	J-Box Cable (30')
36691	J-Box Cable (50')
36692	J-Box Cable (70')
36693	J-Box Cable (90')
30192	J-Box Extension Kit (Plugs only, no Cable)
30190	J-Box Extension Cable (Cable Only)
30188*	J-Box Extension Cable Assembly
30189	Cable for RS232 Port
30177	Power Cable
30194	10' Data Cable
34453	Pulsed Output 10' Data Cable
30187	20 Milliampere Connector
37692**	"Y" Cable (2 female, 1A male Connector)

***Includes (1) male and (1) female Cannon Plug**

****Used with Livestock Scales only**

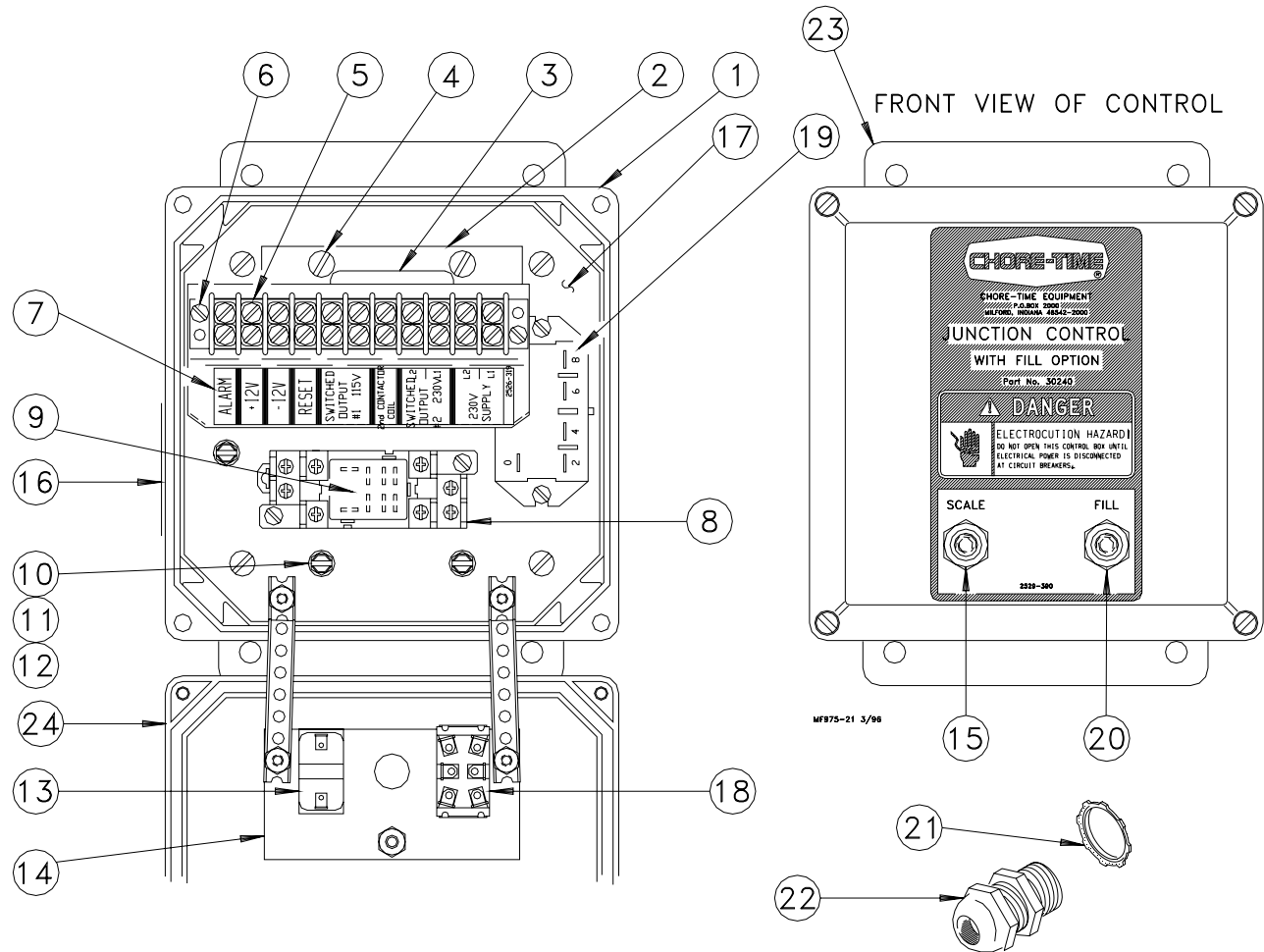
Junction Control: Part No. 25784

Item	Description	Mfg'd 4/1993 thru 3/1997	Mfg'd 3/1997 to 3/1999	Item	Description	Mfg'd 4/1993 thru 3/1997	Mfg'd 3/1997 to 3/1999
		Part No	Part No			Part No	Part No
1	Control Box	29011	39700	11	#10-32 Ground Screw	4968	4968
2	Terminal Block Bracket	30233	30233	12	Cup Washer	5775	5775
3	Grommet	8514	8514	13	Momentary Switch	5785	5785
4	#10-32 x 3/8" Pan Hd Screw	4418-3	4418-3	14	Grounding Plate	30237	30237
5	Terminal Block	7270	7270	15	Push Button Boot	20784	20784
6	#6-32 x 1/2" Pan Hd Screw	4402-6	4402-6	16	Warning Decal	2527-15	2527-15
7	Scale Reset Terminal Decal	2526-318	2526-318	17	Mounting Plate	30143	30143
8	Relay Socket	30234	30234	18	Conduit Lock Washer	3357	3357
9	Relay	30236	30236	19	Liquid Tight Connector	23779	23779
10	#10 External Lock Washer	305	305	20	Mounting Feet	---	39698
				21	Control Box Lid	---	39706



Junction Control w/Fill Option: Part No. 30240

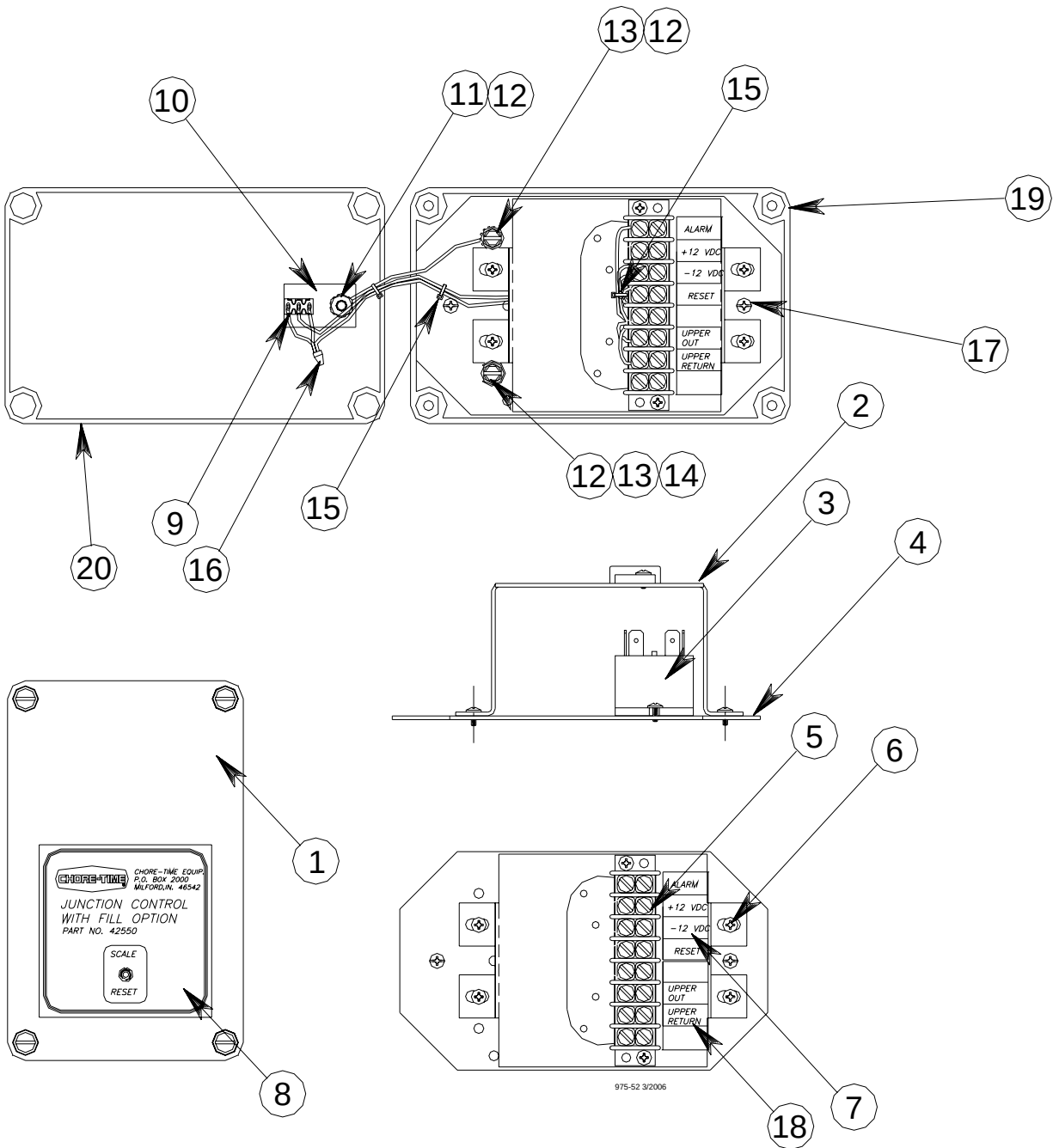
Item	Description	Mfg'd 5/1993 thru 3/1997	Mfg'd 3/1997 thru 3/1998	Mfg'd 3/1998 to 3/1999	Item	Description	Mfg'd 5/1993 thru 3/1997	Mfg'd 3/1997 thru 3/1998	Mfg'd 3/1998 to 3/1999
		Part No	Part No	Part No			Part No	Part No	Part No
1	Control Box	30238	39700	39700	13	Momentary Switch	5785	5785	5785
2	Terminal Block Bracket	30233	30233	30233	14	Grounding Plate	30237	30237	30237
3	Grommet	8514	8514	8514	15	Push Button Boot	20784	20784	20784
4	#10-32 x 3/8" Pan Hd Screw	4418-3	4418-3	4418-3	16	Warning Decal	2527-15	2527-15	2527-15
5	Terminal Block	7347	7347	7347	17	Mounting Plate	30143	30143	30143
6	#6-32 x 1/2" Pan Hd Screw	4402-6	4402-6	4402-6	18	Toggle Switch	20135	20135	20135
7	Scale Reset Terminal Decal	2526-319	2526-319	2526-319	19	Relay	27051	27051	28904
8	Relay Socket	30234	30234	30234	20	Toggle Switch Boot	1739	1739	1739
9	Relay	30236	30236	30236	21	Conduit Lock Washer	3357	3357	3357
10	#10 External Lick Washer	305	305	305	22	Liquid Tight Connector	23779	23779	23779
11	#10-32 Ground Screw	4968	4968	4968	23	Mounting Feet	---	39698	39698
12	Cup Washer	5775	5775	5775	24	Control Box Lid	---	39707	39707



Junction Control w/Fill Option: 42550

Item	Description	Part No
1	Machined Electric Box	42532-1
2	Terminal Block Bracket	42376
3	Relay 12 Volt DC	42553
4	Mount Base 4 x 6	42375
5	Terminal Block	7270
6	#8 Thread Cut Screw	34660
7	Terminal Block Decal	2526-383
8	Control I.D. Decal	2529-707
9	Toggle Switch Spot	34579
10	Grounding Plate	42373

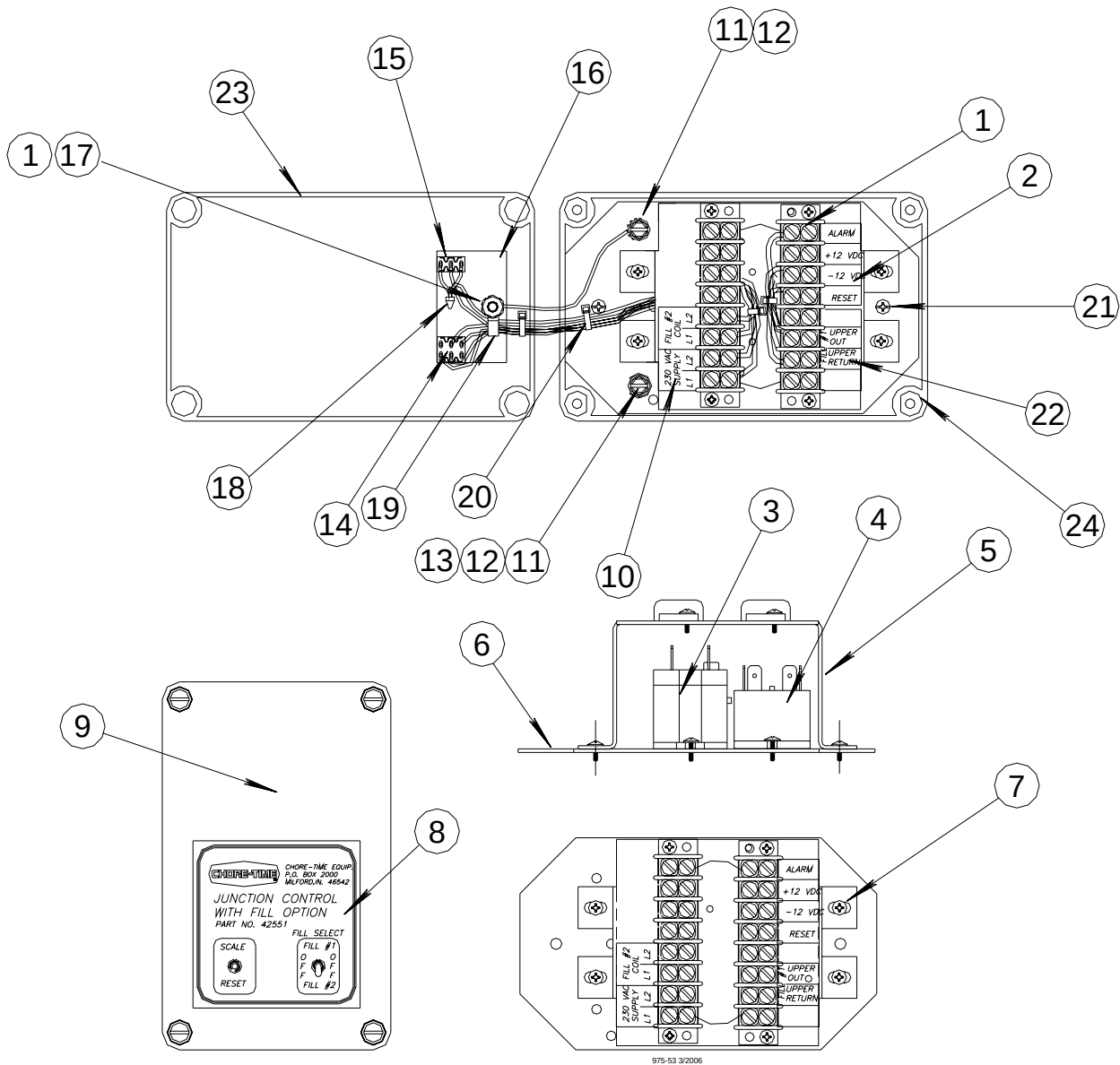
Item	Description	Part No
11	10-32 Nut	6963
12	Lock Washer	305
13	10-32 Ground Screw	34682
14	Cup Washer	5775
15	Wire Tie	6635
16	Wire Nut	5907-1
17	#6 Twin Helix Screw	46011
18	Terminal Block Decal	2526-384
19	Electric Box Bottom	42853
20	Gasket	42854



Junction Control w/Fill Option: 42551

Item	Description	Part No
1	Terminal Block	7270
2	Terminal Block Decal	2526-383
3	Relay, SPDT 240 VAC	28904
4	Relay, DPDT 12v DC	42533
5	Mount Base 4 x 6	42375
6	#8 Thread Cut Screw	34660
7	6-32 Screw SFST	34660
8	Control I.D. Decal	2529-708
9	4 x 6 Machined Box	42532-2
10	Terminal Block Decal	2526-382
11	10-32 Ground Screw	34662
12	Lock Washer	305

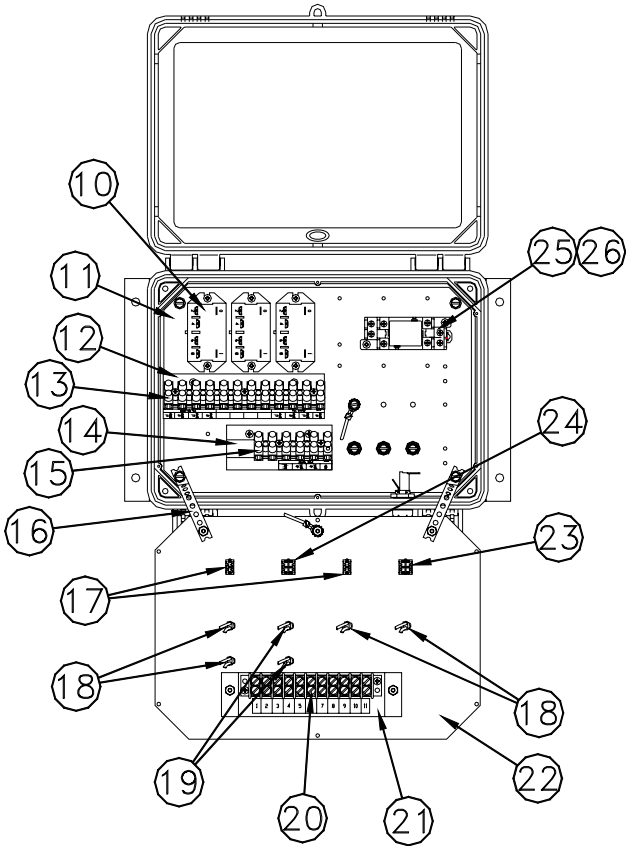
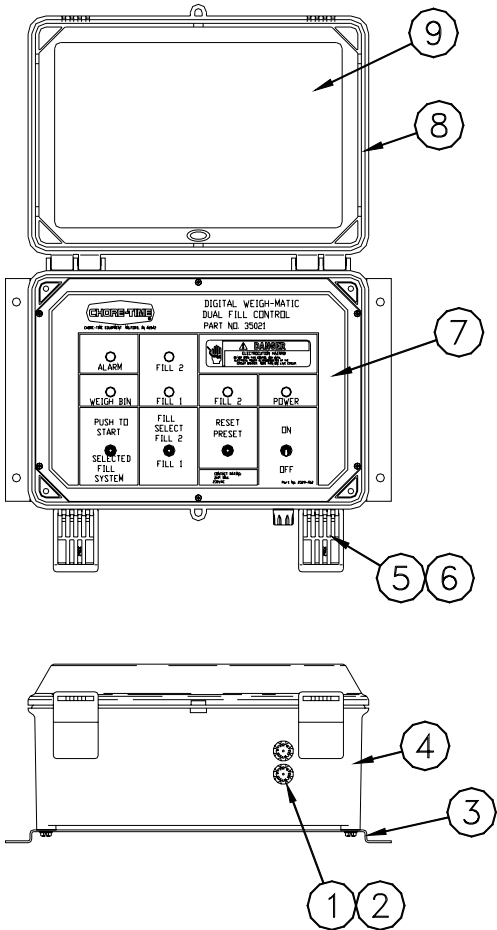
Item	Description	Part No
13	Cup Washer	5775
14	Switch, DPDT on-off-on	34578
15	Switch, SPDT on-off-on	34579
16	Grounding Plate 2 Switch	42374
17	10-32 Nut	6963
18	Wire Nut	5907-1
19	Cable Clip	565B
20	Wire Tie	6635
21	#6 Twin Helix Screw	46011
22	Terminal Block Decal	3536-384
23	Gasket	42854
24	Box Bottom	42853



Dual Fill Control: 35021

Item	Description	Mfg'd 6/1995 thru 8/1996	Mfg'd 8/1996 to Present
		Part No	Part No
1	Fuse Holder	24431	24431
2	3 Amp Fuse	20472	20472
3	Control Box Mount Panel	34852	34852
4	Control Box	30860-4	30860-4
5	Control Box Latch Pivot	30863	30863
6	Control Box Latch	30862	30862
7	Control I.D. Decal	2529-462	2529-462
8	Neoprene Seal	34767	34767
9	Clear Lid	30859-1	30859-1
10	DPDT 240 VAC Relay	34733	28904
11	Back Mount Panel	34564	34564
12	Terminal Mount Bracket	34563	34563
13	Terminal Strip	34925	34925

Item	Description	Mfg'd 6/1995 thru 8/1996	Mfg'd 8/1996 to Present
		Part No	Part No
14	Terminal Mount Bracket	35094	35094
15	Terminal Strip	34925-6	34925-6
16	Mounting Strap	29014-4	29014-4
17	Toggle Switch	34579	34579
18	Pilot Light	20708	20708
19	Pilot Light Assembly	35461	35461
20	Terminal Block	7347	7347
21	Mount Bracket	35022	35022
22	Front Panel	36144	36144
23	Toggle Switch	34578	34578
24	Toggle Switch	34388	34388
25	Relay Socket	30234	30234
26	Relay	30263	30263



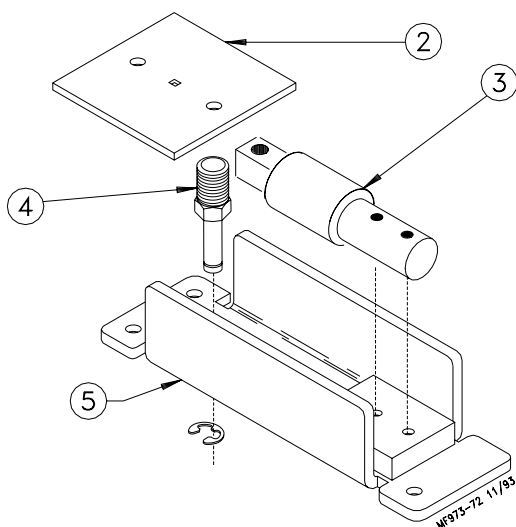
MF975-48 7/98

Load Cells and Mount Kits

T.C. 15

Item	Description	Part No
2	Top Plate	30176-4
3	T.C. 15 Load Cell	30219
4	Leveling Pin	30716-5
5*	Mount Kit for T.C. 15	30176

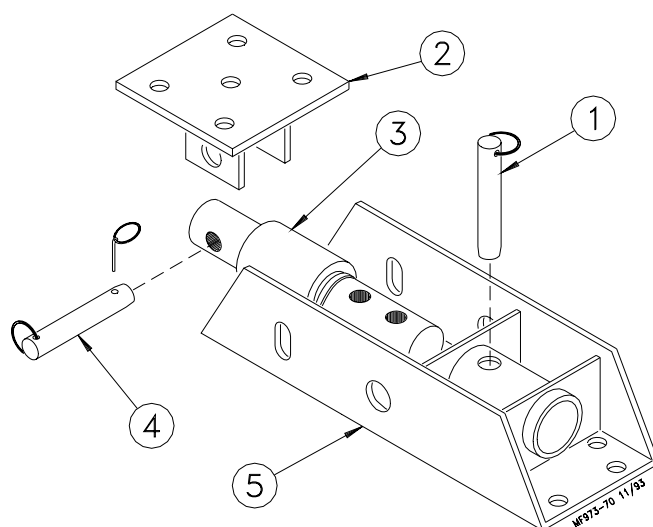
*The Mount Kit does not include Item (3).



T.C. 35 & 125

Item	Description	Part No
1	.750" x 3.563" Quick Pin	42861
2	T.C. 35 Top Plate	30216-4
	T.C. 125 Top Plate	30217-5
3	T.C. 35 Load Cell	30221
	T.C. 125 Load Cell	30222
4	5/8" x 5" Quick Pin	42862
5*	Mount Kit for T.C. 35	30216
	Mount Kit for T.C. 125	30217

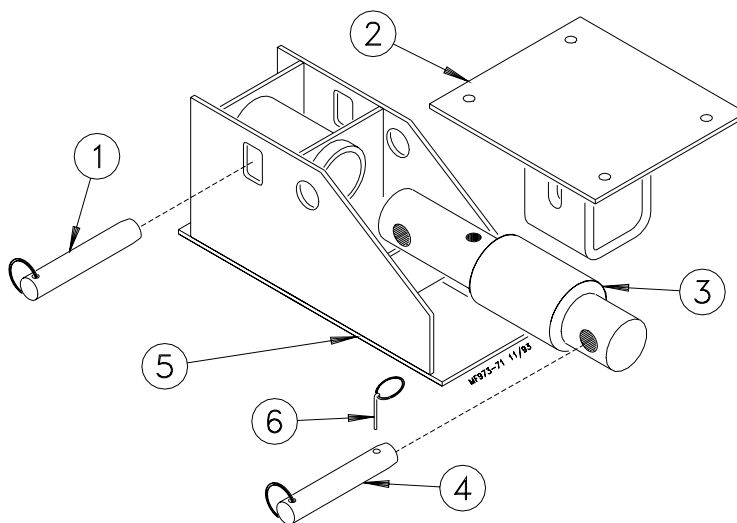
*The Mount Kit does not include Item (3).



T.C. 180

Item	Description	Part No
1	.750" x 6.00" Quick Pin	42860
2	Top Plate	---
3	T.C. 180 Load Cell	30223
	T.C. 180 Load Cell w/21' cord	30224
4	.625" x 4.438" Quick Pin	42862
5*	Mount Kit T.C. 180	30218
6	Lynch Pin	42683

*Mount Kit does not include Item (3).



C.T. 30K

Item	Description	Part No
1	C.T. 30 Load Cell	35018
2	C.T. Mount Half	47625
3	M16 x mm Hex Nut	---
4	M16 Lock Washer	---
5	Threaded Plate	47623
6	Rubber Shim (Pkg of 2)	43410
7	Pin	---
8	Cotter Pin	---
9	M16 x 2 mm x 65 mm Nut	---
10	Welded Plate	47624
11	Sealing Spring Ring	47622
12	Spacer Plate	41478

Note: Items 2-11 may be ordered as a Mount Kit for C.T. 30 Scale under Part No. 35017.

6-Legged Bin Adapter Kit

Description	Part No
Beam Assembly	30183

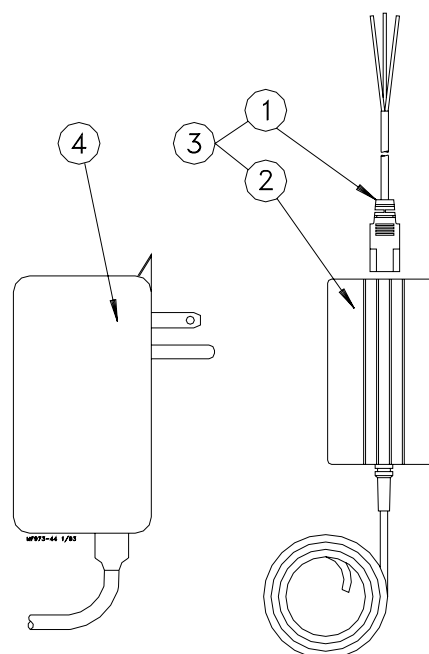
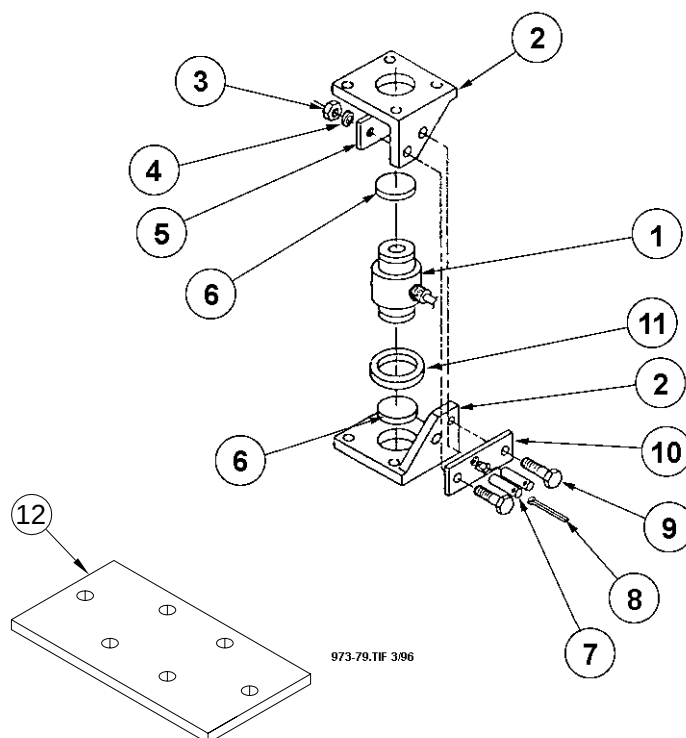
The 6-Legged Bin Adapter Kit, including (2) Beam Assemblies and (1) Beam Assembly Hardware Kit, may be ordered under Part No. 30208.

Scale Systems available (by weight)

Weight	Part No
5,000 lb.	30209
12,000 lb.	30211
48,000 lb. (7' Bins)	30213
48,000 lb. (9' Bins)	30212
60,000 lb.	30214
60,000 lb.	34580
80,000 lb.	34575
90,000 lb.	30215
120,000 lb.	35020

Power Supply

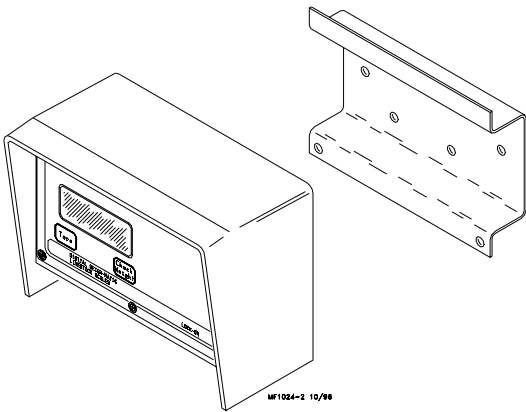
Item	Description	Part No
1	Power Cord (220 V)	30682
2	Power Supply (220 V)	30863
3	Power Supply (Cord Included)	30200
4	Power Supply (110 V)	30206
--	Power Cord for Indicator	30177



Livestock Scale Indicators

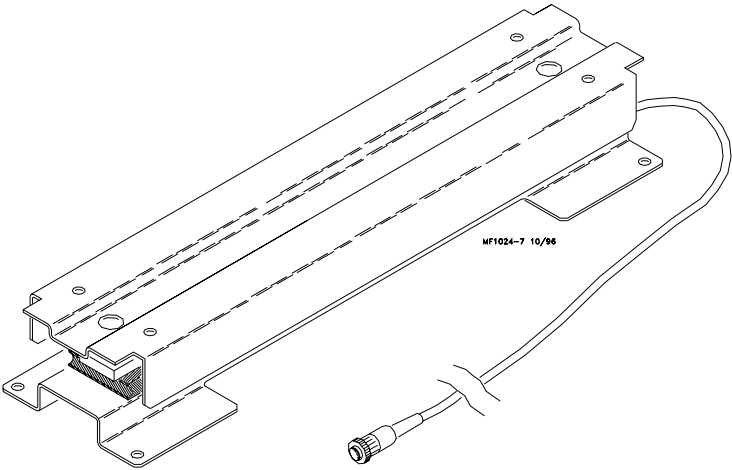
Description	Part No
Model 100 Indicator (2,000 lb.)	34435
Model 111 Indicator (907 kg)	34817
Model 210 Indicator (2,000 lb./907 kg)	34581
Model 115 Indicator (6,000 lb.)	34436
Model 116 Indicator (2,721 kg)	34818
Model 215 Indicator (6,000 lb./2,721 kg)	34582

Note: Model 100 shown.
Model Bracket included with indicator.



Livestock Scale Load Cells

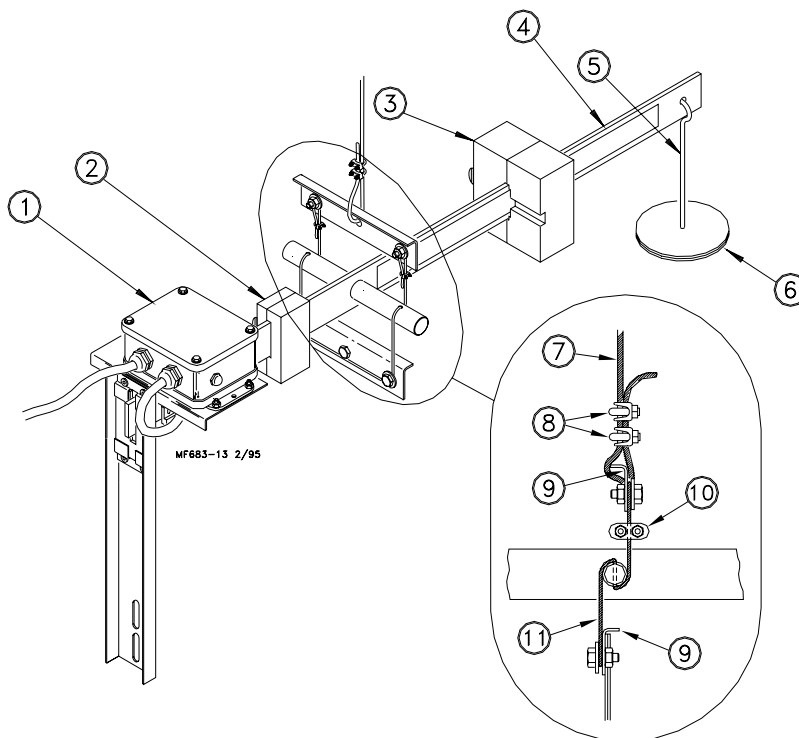
Description	Part No
2,000 lb. (907 kg) Load Cell (2 req.)	34437
6,000 lb. (2,721 kg) Load Cell (2 req.)	34438



Hopper Scales: Part No. 24176

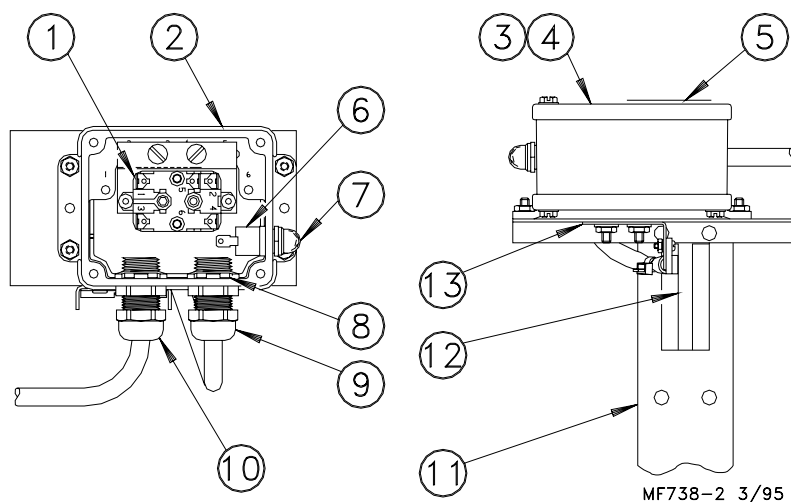
Manufactured from
4/1987 to 11/1997

Item	Description	Part No
1	Switch Assembly	24171
2	Counterbalance Weight	24162
3	Sliding Weight	24163
4	Beam Assembly	24177
5	Eyebolt	24175
6	Weight Washer	2955-30
	5# Weight Washer	24164
7	Master Suspension Cable	---
8	3/16" Cable Clamp	732
9	Cable Plate	24172
10	1/8" Cable Clamp	14898
11	3/32" Stainless Steel Cable	7130



Hopper Scales Switch Assembly: Part No. 33653

Item	Description	Part No
1	Relay Assembly	24174
2	Terminal Box	33654
3	Box Cover	6776
4	Gasket	6777
5	Danger Decal	2527-25
6	Momentary Switch	5785
7	Push Button Boot	20784
8	1/2" Conduit Locknut	3357
9	Proximity Switch Assembly	33605
	Proximity Switch	6689
	Liquid Tight Connector	23779
	1/4" Vinyl Tubing	14454-7
10	Liquid Tight Connector	23779
11	Switch Mount Assembly	33655
12*	Scale Bar Guide	33613
13	Switch Mount Guide	33615

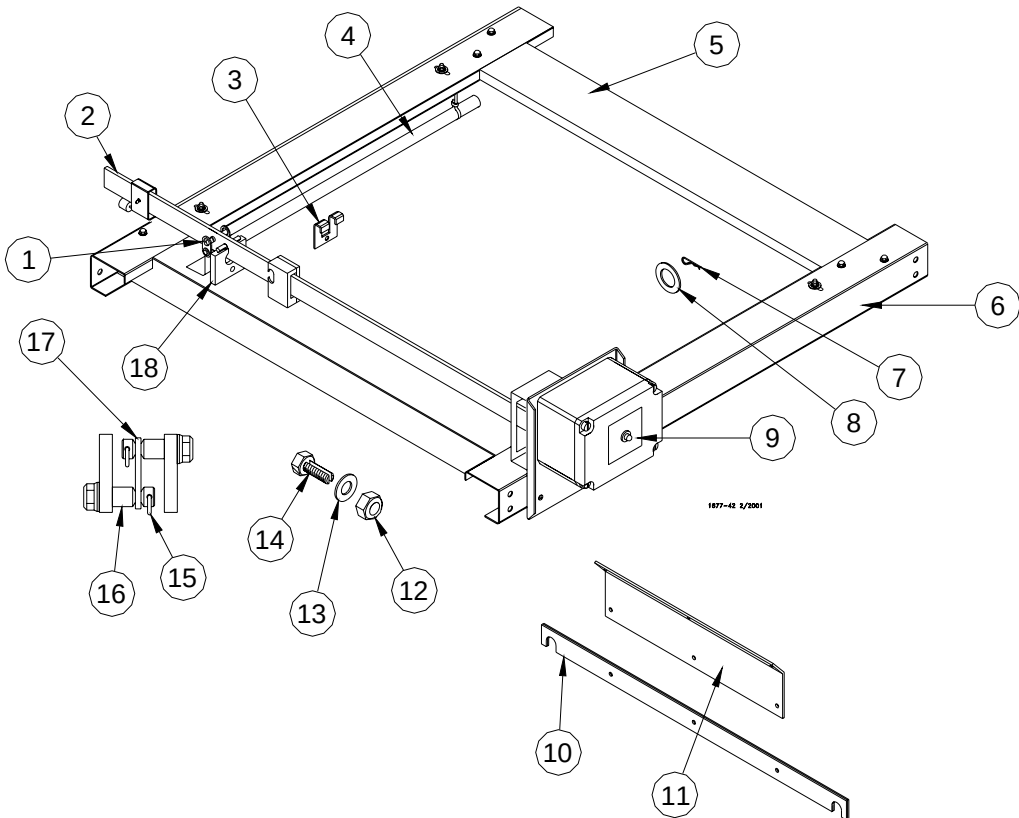


*Item (12) Is a component of Item (11).

Scale Platform Assembly: 46280

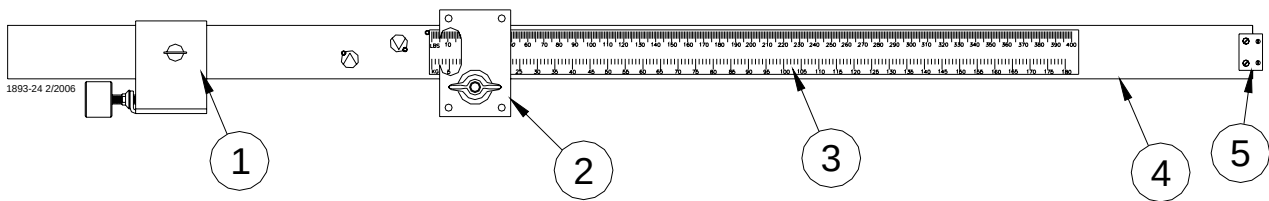
Item	Description	Part No
1	Transfer Loop	46243
2	Beam Bar Assembly	46279
3	Bar Retainer	46257
4	Support Tube	46270
5	Scale End Frame	46248
6	Scale Side Frame	46247
7	Hair Pin	2664
8	7/8" Flat Washer	2955-14
9	Switch Assembly	46273
10	Support Bar	46251

Item	Description	Part No
11	Hopper Support Adapter	46250
12	3/8" Hex Nut	1549
13	3/8" Flat Washer	4967
14	3/8" Split Bolt	6342
15	Hair Pin	13906
16	Bar Pivot Bearing (short)	46263
	Bar Pivot Bearing (long)	46264
17	Pivot Shackle	46254
18	Main Pivot Block	46265



Beam Bar Assembly: 46279

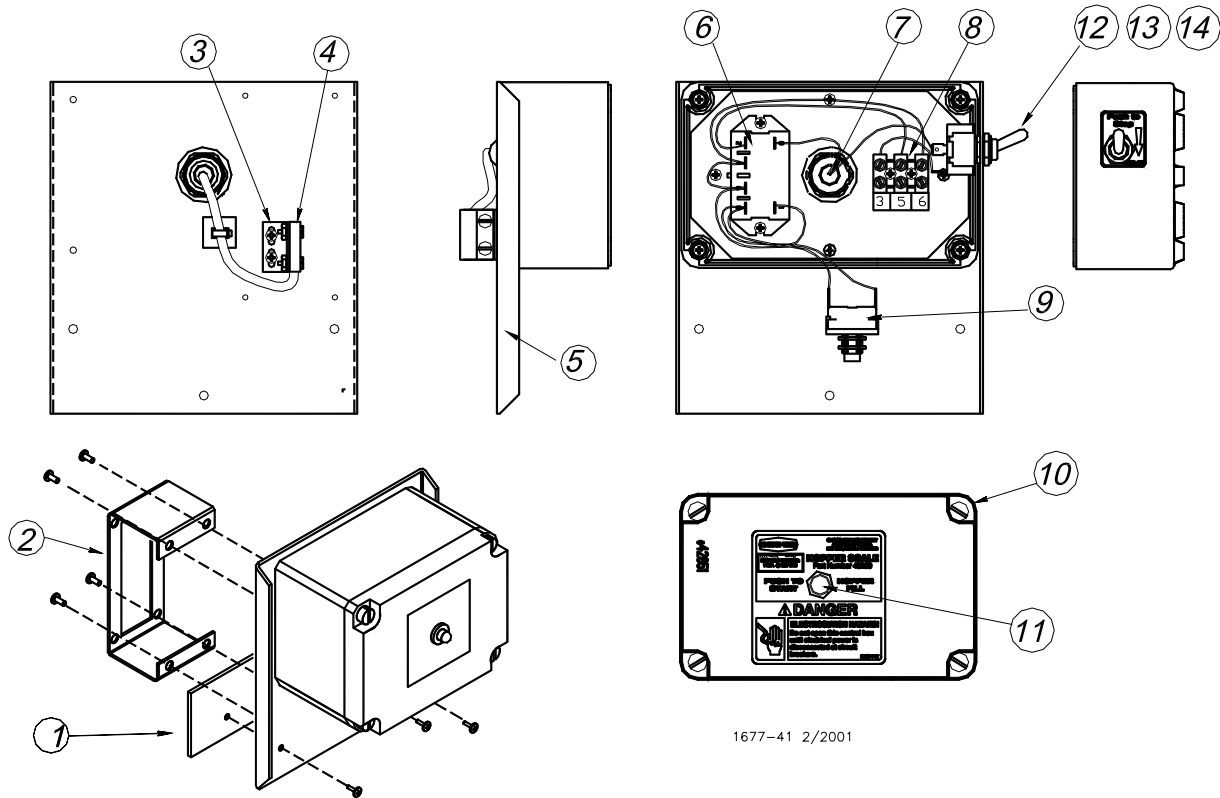
Item	Description	Part No
1	Counter Weight Assembly	46261
2	Poise Assembly	46268
3	Beam Bar Decal	2526-401
4	Machined Beam Bar	46249
5	Actuator Magnet	5789



Switch Assembly: 46273

Item	Description	Mfg'd 11/2000 thru 5/2001	Mfg'd 5/2001 thru 8/2001	Mfg'd 8/2001 to Present
		Part No	Part No	Part No
1	Scale Control Spacer	46256	46256	46256
2	Trip Loop	46273	46273	46273
3	Scale Switch Bracket	46246	46246	46246
4	Reed Switch	6689	46815	46815
5	Scale Control Mount Panel	46271	46271	46271
6	General Duty Relay	28904	28904	28904
7	3/8" Liquid Tight Conn	13477	---	---

Item	Description	Mfg'd 11/2000 thru 5/2001	Mfg'd 5/2001 thru 8/2001	Mfg'd 8/2001 to Present
		Part No	Part No	Part No
8	Terminal Block	34925-3	34925-3	34925-3
9	Push Button Switch	5785	5785	5785
10	4 x 6 Box Screw (Plastic)	42849	42849	42849
11	Push Button Boot	20784	20784	20784
12	Washer	2955-34	2955-34	2955-34
13	Toggle Switch Boot	---	---	1739
14	Toggle Switch	---	---	46894



1677-41 2/2001