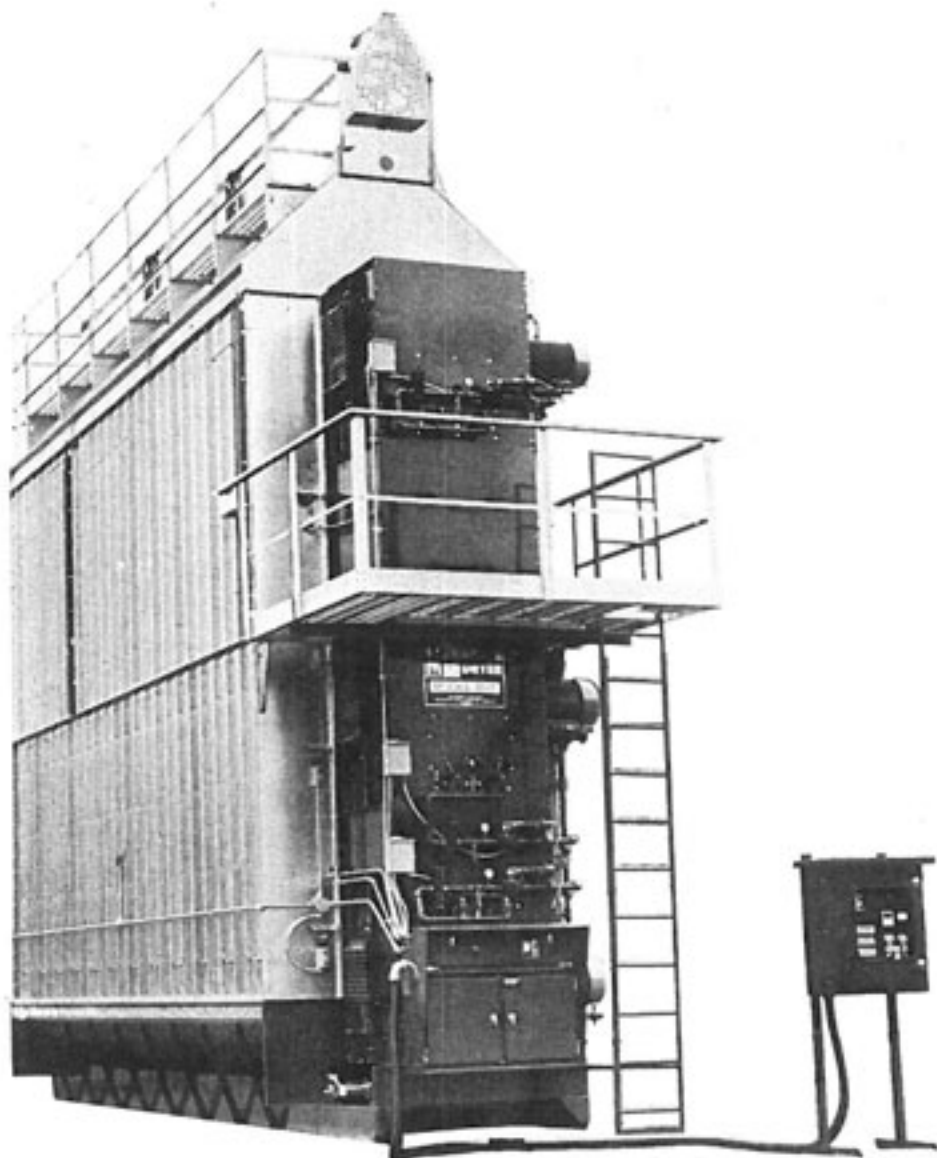




**Model 680-980, 985,
1080 & 1180
Continuous Flow
Grain Dryers**
(Starting w/Serial No. 55242)



PARTS CATALOG

Form No. D 350, January 1, 1999

Mathews Company / 500 Industrial Ave., Crystal Lake, IL 60012, U.S.A.
815/459-2210 FAX 815/459-5889

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NOTES

This image shows a single page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page, leaving small margins at the top and bottom. There is no handwriting or printed text on the page.

INTRODUCTION

Parts Ordering Instructions

1. Order parts from your local M-C Dealer or distributor.
2. Always furnish the Grain Dryer model and serial number. This information is stamped on the serial number plate.
3. When ordering parts be sure to furnish the part number, description and quantity required.

NOTE: Attaching hardware is listed, but not included with, the main part. It must be ordered separately.

4. Inspect all shipments upon receipt. If any packages and/or boxes are missing, or parts are damaged, file a claim with the carrier immediately. Failure to do so may void a claim. Check the shipment against the packing list carefully. Report any shortages to the shipper immediately.
5. Do not return any parts to the Mathews Company without a "Return Goods Authorization" from the factory. All return parts shipments must be shipped prepaid (COD shipments will not be accepted). Shipments must also include the following:
 - A. A letter of explanation including the "Return Goods Authorization Number," your name and address.
 - B. A list of all parts being returned. List must include part numbers, description, quantity, and original invoice number.

Model and Serial Number Location

The model and serial number of your grain dryer are stamped on a plate located on the left front

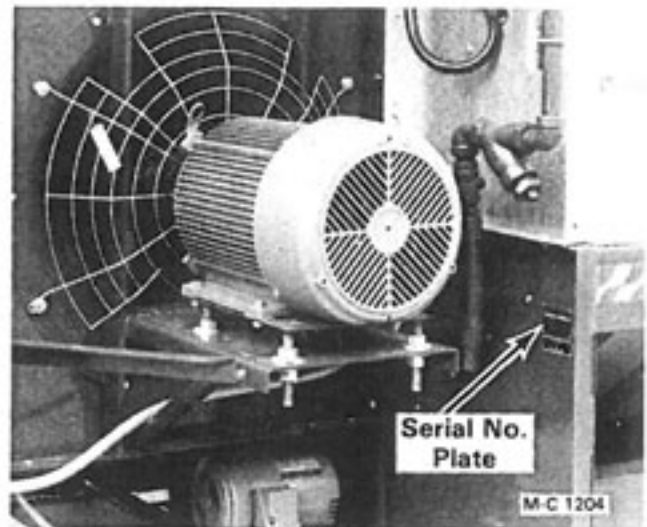


Figure 1

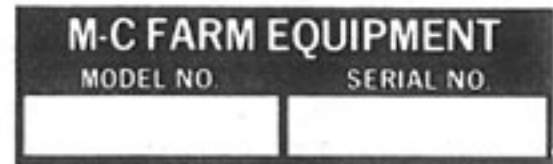


Figure 2

base panel, see Figure 1. For future reference, record the model and serial number in the blank spaces in Figure 2.

Capscrew Grade Identification

There are four grades of hex-head capscrews. Grade 1 and 2 are common capscrews, grade 5 and 8 are used when greater strength is required. Each grade can be identified by the marking on the head of the capscrew, see chart below.

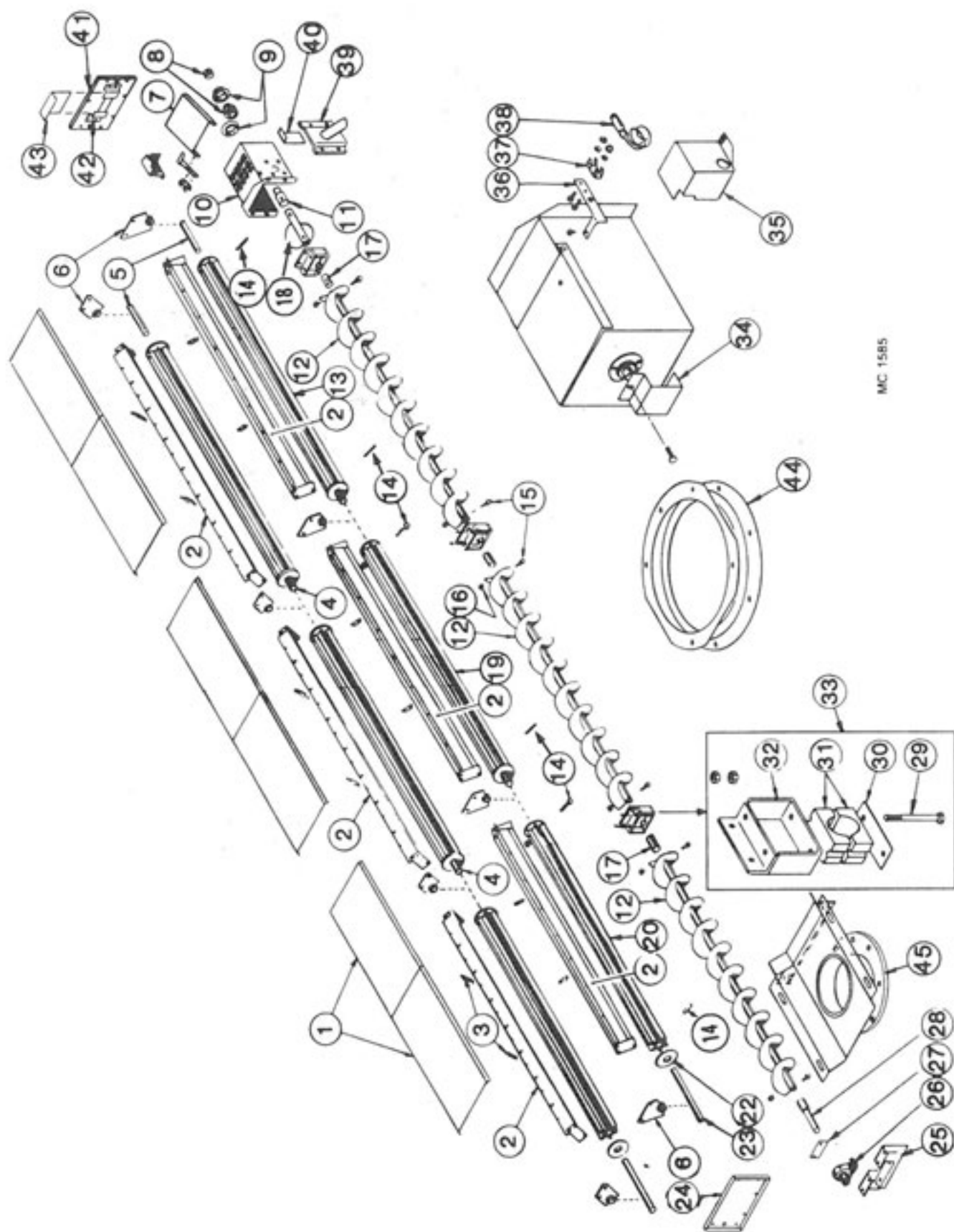
When replacing capscrews, be sure to use the correct size and grade. If a specific grade is not shown as part of the description, the capscrew is a grade 1 or 2.

CAPSCREW GRADE IDENTIFICATION CHART

S.A.E. Grade	Description	Capscrew Head Marking*
1	WILL HAVE A PLAIN HEAD - NO RADIAL LINES	
2	Low or Medium Carbon Steel Not Heat Treated	
5	WILL HAVE 3 RADIAL LINES Quenched and Tempered Medium Carbon Steel	
8	WILL HAVE 6 RADIAL LINES Quenched and Tempered Special Carbon or Alloy Steel	

*The center marking identifies the capscrew manufacturer.

Metering Rolls and Unload Auger



MC 1585

Metering Rolls and Unload Auger

Ref.	Part No.	Qty. (16')	Qty. (24')	Description
1	128 2890	4	6	Unload Auger Cover
	001 8111	8	12	5/16-18 (7.9mm) Clip Nut
	001 8114	8	12	5/16-18x 3/4" (7.9x19mm) Wing Screw
	000 8173	8	12	5/16" Flatwasher
2	128 0350	4	6	Inner Screen Mount
	001 8202	18	24	5/16-18 x 3/4" (7.9 x 19mm) Hex Washer Head Bolt
	000 8169	18	24	5/16-18 Flanged Locknut
3	128 8958	8	12	Support Rod 3/8" x 4 3/8" (9.5 x 111mm)
	000 8173	8	12	5/16" Flatwasher
	000 8168	24	36	3/8-16 Flanged Locknut
4	121 5043	2	4	Rear & Center Metering Roll Shaft - 1 1/4" x 7" (3.2 x 17.8cm) (press fit in metering roll)
5	121 5042	2	2	Rear Metering Roll Stub Shaft - 1 1/4" x 5" (3.2 x 12.7cm) (press fit in metering roll)
6	128 1063	6	8	Metering Roll Brg. w/Bronze Bushing
	001 8202	12	16	5/16-18 x 3/4" Hex Washer Head Bolt
	000 8169	12	16	5/16-18 Flanged Locknut
7	128 4712	1	1	Over Load Door
	001 8210	2	2	3/8-16 x 3/4" Hex Washer Head Bolt
	000 8205	2	2	3/8-16 Top Lock Flanged Nut
8	001 6003	1	1	1 1/4" (31.75mm) Bearing w/Lock Collar
9	001 6004	2	2	1 1/4" Bearing Flangette
	001 8209	3	3	3/8-16 x 1" Hex Washer Head Bolt
	000 8168	3	3	3/8-16 Flanged Locknut
10	128 0345	1	1	Unload Auger Discharge Round (Front Unload - See Note 1)
	001 8210	6	6	3/8-16 x 3/4" Hex Washer Head Bolt
	000 8205	6	6	3/8-16 Top Lock Flanged Nut
11	124 5611	1	1	Unload Auger Output Shaft (Front Unload - See Note 1)
12	128 0244	2	3	Unload Auger Section (10") (See Note 2)
13	121 1082	2	2	Rear Metering Roll Assembly (incl. shafts)
14	000 8114	8	12	5/16-18 x 2 1/2" Capscrew
	000 8222	8	12	5/16" Lockwasher
	000 8159	8	12	5/16-18 Hex Nut
15	000 8229	8	12	3/8-16 X 2 3/4" (9.5 x 70mm) Capscrew Grd.5
16	000 8205	8	12	Top Lock Flanged Nut
17	128 5618	2	3	Unload Auger Link
18	128 0309	1	1	Standard Auger Weld
19	121 1083	-	2	Center Metering Roll Assembly (incl. shafts)
20	128 1254	2	2	Front Metering Roll Assembly (incl. shafts)
22	121 4438	AR	AR	Metering Roll Washer - 11 Gauge
	128 4970	AR	AR	Metering Roll Washer - 16 Gauge
23	128 5042	2	2	Front Metering Roll Shaft - 1 1/4" x 13 1/4" (3.2 x 33.7cm) (press fit in metering roll)
24	128 2894	1	1	Base Panel Access Door (17 1/2" x 10 1/2")
	001 8284	14	14	5/16-12 x 1/2" Self Tapping Screw
25	128 0247	1	1	Unload Auger Front Plate
	001 8210	4	4	3/8-16 x 3/4" (9.5 x 19mm) Hex Washer Head Bolt
	000 8168	4	4	3/8-16 Flanged Locknut

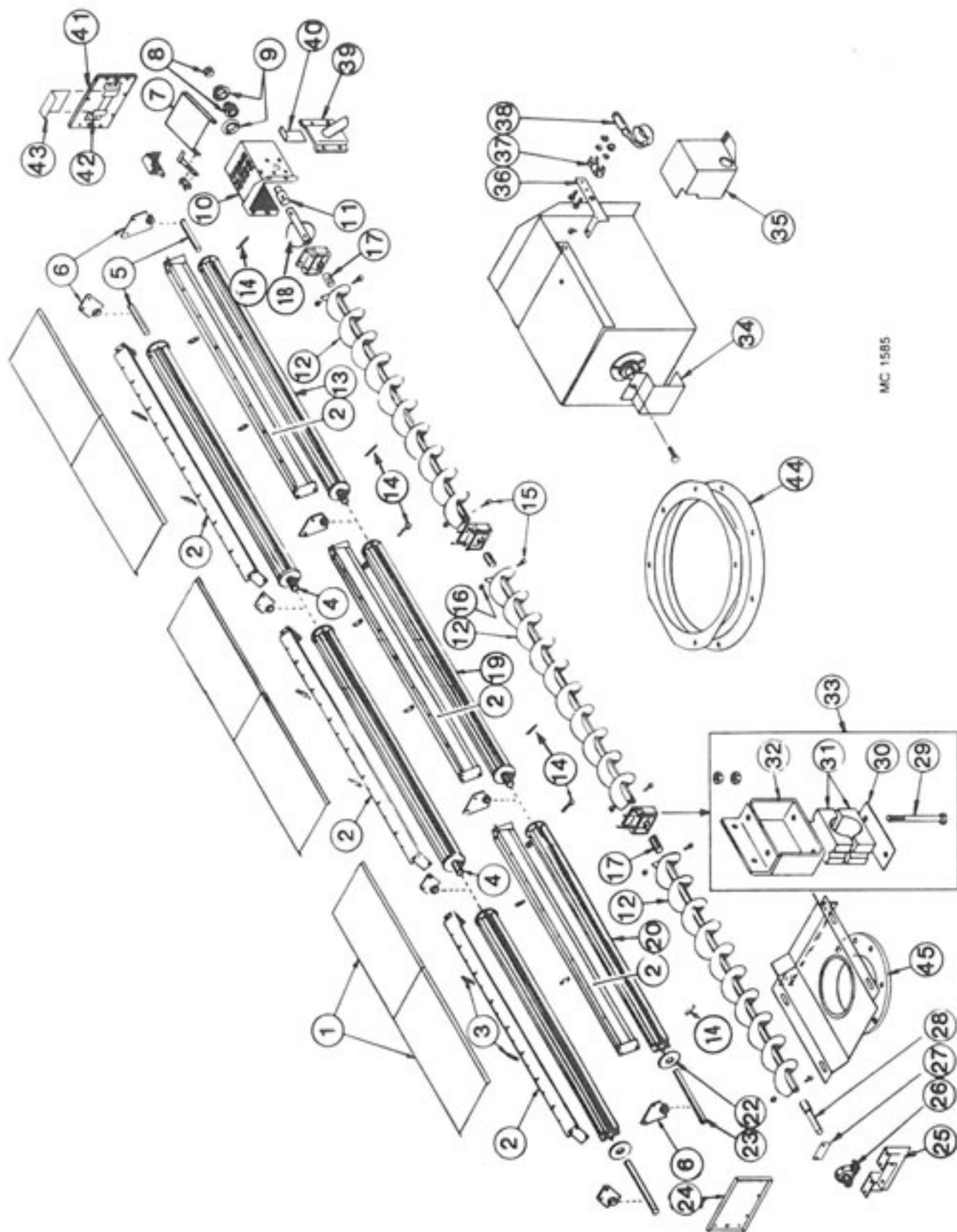
NOTE 2: Unload Auger Sections 10" (25.4cm) up to Serial #54014 use the following:

128 0243	Front
128 0245	Rear
128 0244	Center

NOTE 1: Dryers w/Front Unload - Ref. 10 use 127 4431 and Ref. 11 use 128 5994 output shaft.

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Metering Rolls and Unload Auger

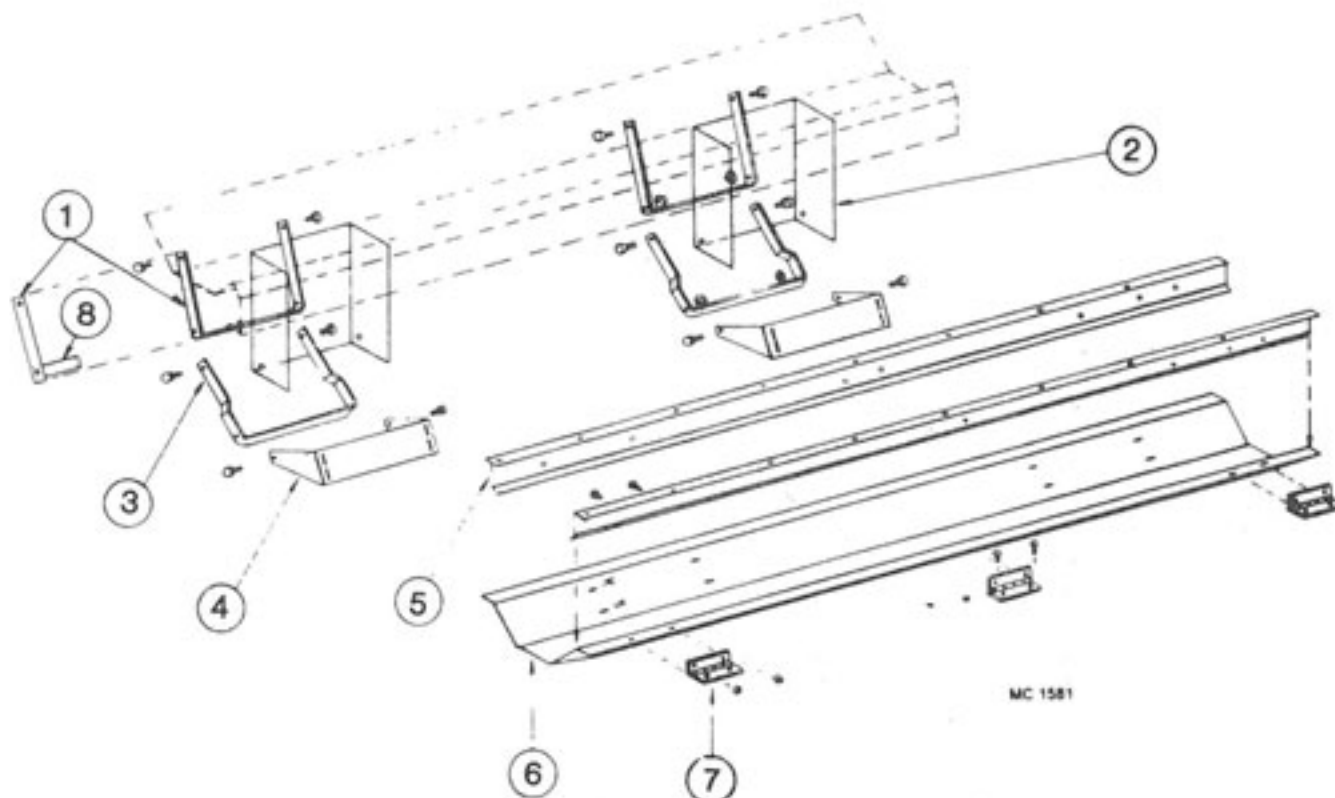


MC 1585

Metering Rolls and Unload Auger

Ref.	Part No.	Qty. (16')	Qty. (24')	Description
26	001 6011	1	1	1-7/16" (36.5mm) Bore Pillow Block Bearing
	001 8299	2	2	½-13 x 1 ½" (12.7 x 44.5mm) Capscrew-Grd. 8 w/Nylock
	001 8257	2	2	½" SAE Flatwasher
	000 8163	2	2	½-13 Hex Nut
27	128 3008	1	1	Front Seal Plate
	000 8184	4	4	8-18 x ½" Sheet Metal Screw
28	124 5610	1	1	Unload Auger Input Shaft
29	001 8168	4	6	½-13 x 4 ½" (12.7 x 114.3mm) Capscrew - Grd. 5
	000 8163	8	12	½-13 Hex Nut
30	128 0285	2	3	Unload Auger Support Weld
31	128 6020	2	3	Wood Bearing 1-15/16" (49.2mm) (2 Halves)
32	128 0287	2	3	Unload Auger Bearing Bracket
	000 8137	4	6	½-13 x 1 ½" (12.7 x 31.75mm) Capscrew - Grd. 5
	000 8180	4	6	½" Lockwasher
	000 8163	4	6	½-13 Hex Nut
33	122 1007	2	3	Unload Auger Bearing Kit (Incl. Ref. 30 thru 33 in quantities required for one bearing)
34	128 3011	1	1	Output Shaft Guard
35	128 4896	1	1	Shut Off Switch Cover
	001 8284	2	2	5/16-12 x ½" Self-Tapping Screw
36	128 2937	1	1	Switch Mount
37	120 6801	1	1	Switch Mount Clip
	000 8282	2	2	6-32 x ¼" Machine Screw
	000 8185	2	2	6-32 Flanged Locknut
38	120 6800	1	1	Shut Off Switch
39	128 0341	1	1	Grain Sampler
40	128 2842	1	1	Slide Gate Door - Sampler
41	128 2954	1	1	Base Panel Access Door w/Slot
42	128 2885	2	2	Access Door Bracket
43	128 2887	1	1	Access Door Slot Cover
44	128 0343	1	1	Discharge Ring 10"
45	128 0331	1	1	10" Front Unload Weldment (Optional Kit #127 9119)

Unload Auger Pans

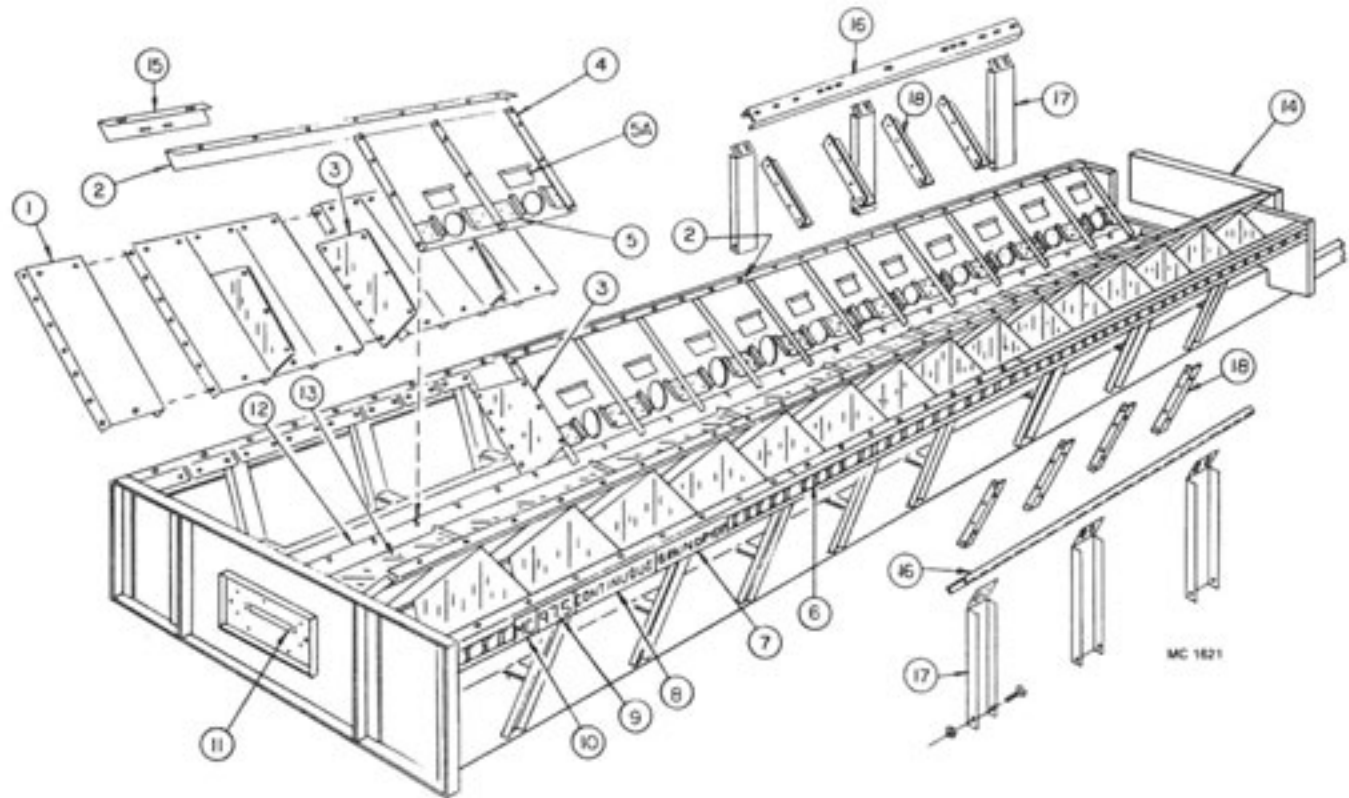


2

WARNING DECAL
MOUNTS ON SIDE
OF BRACKET

Ref.	Part No.	Qty.		Description
		(16')	(24')	
1	128 2029	4	6	Auger Dump Arm - Upper
2	128 8355	4	6	Warning Decal (not shown)
3	128 2030	4	6	Auger Dump Arm - Lower
4	128 2751	4	6	Bottom Link Pivot Base
5	128 2673	4	6	Pan Hinge Angle
6	128 2752	2	3	Auger Dump Pan
7	128 8957	6	9	Hinge
8	128 2032	4	6	Auger Dump Arm Handle

Base Screens and Supports



(4.9m) (7.3m)
16' 24'

Ref.	Part No.	Qty	Qty	Description
NOTE: Ref. 16, 17 & 18 for 1180 only.				
1	---	---	---	Lower Outer Screen
	127 2945	32	48	Small Seed (Galv.)
2	128 2739	4	6	Lower Screen Mount Angle
3	128 2855	14	22	Lower Screen Stiffener
4	---	---	---	Lower Inner Slope Screen w/Clean-Out (24' wide)
	124 2000	16	24	Galvanized (Std.)
	124 2001	16	24	Small Seed (Galv.)
5	124 2866	32	48	Slope Door Retainer
	000 8244	96	144	8-18 x 1/2" Hex Head Sheet Screw
5A	128 3003	16	24	Slope Door
6	128 8310	24'	39'	Red & Yellow Stripe Decal - 2 1/2"
7	128 8309	2	2	"Grain Dryer" Decal
8	128 8308	2	2	"Continuous" Decal
9	---	---	---	Base Decal
		2	---	"680"
	128 8385	---	2	"980"
		---	2	"985"
	128 8386	---	2	"1080"
		---	2	"1180"
10	128 8300	2	2	M-C Decal - 5" x 4-9/16"

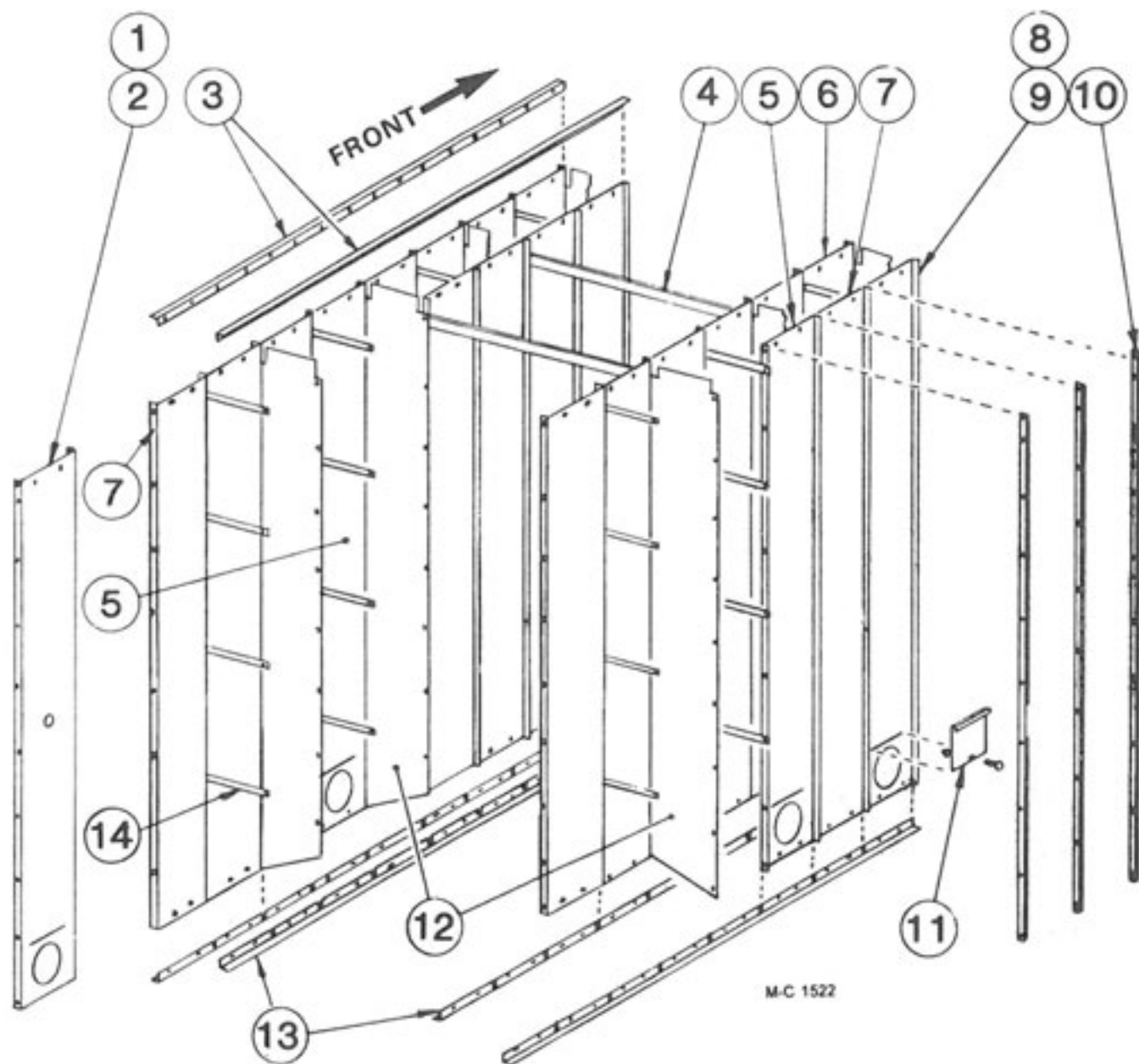
(4.9m) (7.3m)
16' 24'

Ref.	Part No.	Qty	Qty	Description
11	128 2954	1	1	Base Panel Access Door w/Slot
	001 8284	7	7	5/16-12 x 1/2" Self-Tapping Screw
12	128 0350	4	6	Inner Screen Mount
	001 8202	18	24	5/16-18 x 3/4" Hex Washer Head Bolt
	000 8169	18	24	5/16-18 Flanged Locknut
13	128 2890	4	6	Unload Auger Cover
	001 8111	8	12	5/16-18 Clip Nut
	001 8114	8	12	5/16-18 x 3/4" Wing Screw
	000 8173	8	12	5/16" Flatwasher
14	128 4570	1	1	Base Filler Panel (37"x13 1/2")
	001 8209	12	12	3/8-16 x 1" Head Washer Head Bolt Grd. 5
	000 8168	12	12	3/8-16 Flanged Locknut
15	120 3070	2	4	Seal Angle
16	124 4212	---	6	Screen Support Channel
17	124 4211	---	16	Channel Support
	001 8275	---	16	3/8-16 x 4" Hex Head Capscrew - Grd. 5
	001 8149	---	16	3/8-16 Two Way Locknut
18	128 2664	---	50	Screen Support Angle

NOTE: Hardware to bolt screens together are as follows:

001 8208	5/16-18 x 1/2" Washer Head Capscrews
000 8169	5/16-18 Whiz Lock Nut

**Base Section Screens
Models 680 thru 1180**



Base Section Screens Models 680 thru 1180

NOTE: Quantities shown are for dryers with
quick drains in every other grain column and
solid dividers in every fourth grain column.

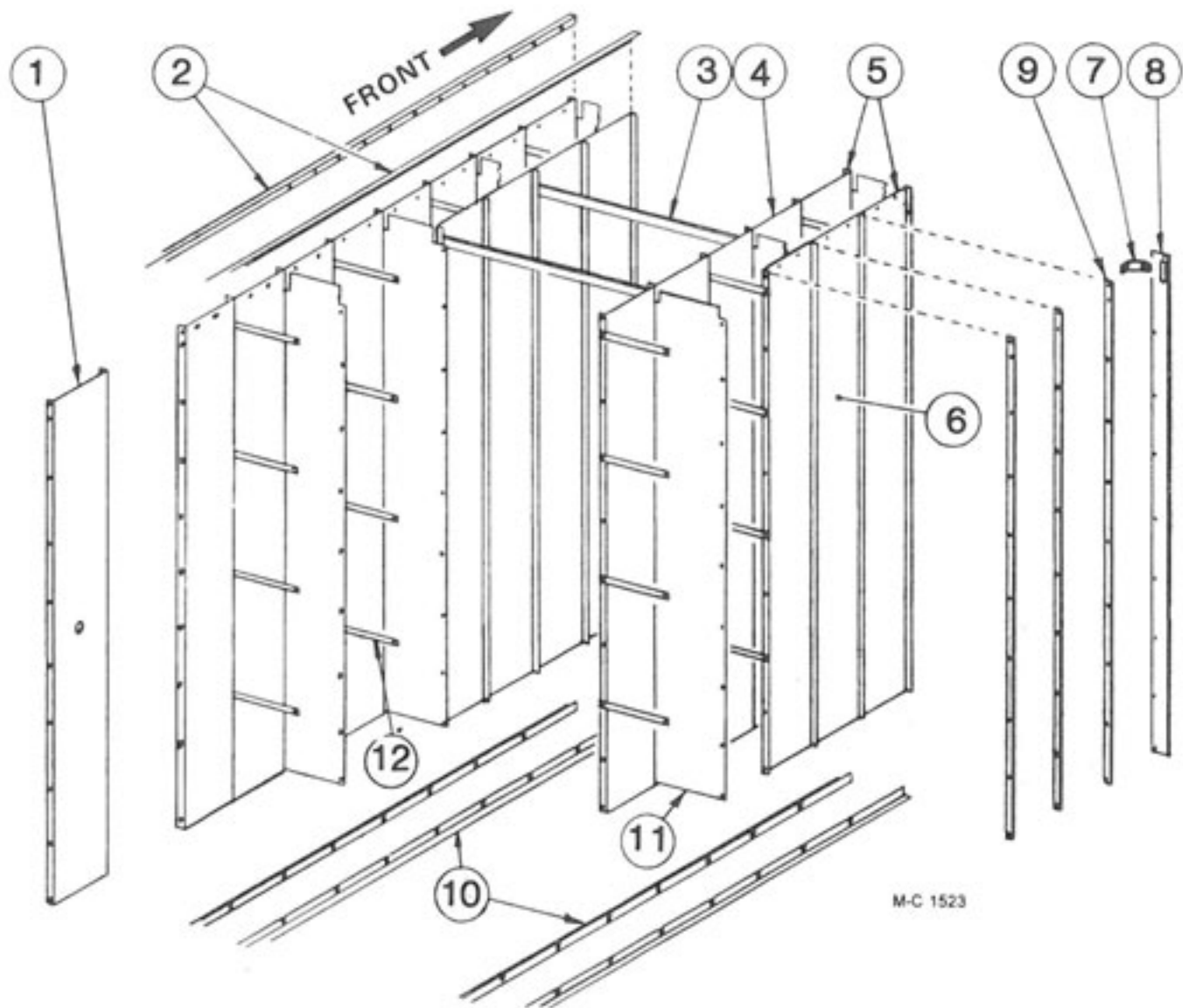
		(4.9m) (7.3m)		Description			(4.9m) (7.3m)		Description
Ref.	Part No.	Qty.	Qty.		Ref.	Part No.	Qty.	Qty.	
		(16')	(24')				(16')	(24')	
1	-----	-	-	Moisture Control Screen w/o Quick Drain Hole	7	-----	-	-	Outer Screen w/o Quick Drain Hole (See Note 3)
	128 2971	1	1	Galvanized (Std.)		128 2945	13	21	Galvanized (Std.)
	127 2955	1	1	Small Seed (Galv.)		127 2948	13	21	Small Seed (Galv.)
	123 5209	1	1	Aluminum		123 2955	13	21	Aluminum
	124 2010	1	1	Canola (Galv.)		124 2010	13	21	Canola (Galv.)
2	-----	-	-	Moisture Control Screen w/Quick Drain Hole (See Note 1)	8	-----	-	-	Outer End Screen w/o Quick Drain Hole
	127 2989	1	1	Galvanized (Std.)		128 2965	2	2	Galvanized (Std.)
	127 2988	1	1	Small Seed (Galv.)		127 2952	2	2	Small Seed (Galv.)
3	128 2382	4	-	Side Joiner Angle		123 5208	2	2	Aluminum
	128 2381	-	4	Side Joiner Angle			2	2	Canola (Galv.)
4	128 2014	3	5	Inner Screen Cross Tie (on 675 & 975 only)	9	-----	-	-	Outer End Screen w/Quick Drain Hole
5	-----	-	-	Outer Screen w/ Quick Drain Hole (See Note 2)		128 3000	2	2	Galvanized (Std.)
	127 2949	14	22	Galvanized (Std.)		127 2961	2	2	Small Seed (Galv.)
	127 2962	14	22	Small Seed (Galv.)		123 2348	2	2	Aluminum
	123 2349	14	22	Aluminum			2	2	Canola (Galv.)
	124 2011	14	22	Canola (Galv.)	10	128 2250	30	46	Screen Stiffener Bar (not used on 680 & 980)
6	-----	-	-	Inner Screen	11	-----	-	-	Quick Drain Door
	128 2974	32	48	Galvanized (Std.)		127 2950	16	24	For Galvanized (Std.) and Aluminum Screens
	127 2954	32	48	Small Seed (Galv.)		127 2974	16	24	For Small Seed Screens & Canola (Galv.)
	124 2004	32	48	Canola (Galv.)		001 8269	16	24	3/8-16 x 3/4" Carriage Bolt
						000 8168	16	24	3/8-16 Flanged Locknut
					12	128 2871	6	10	Divider Panel
					13	125 2732	8	12	Screen Mount Angle
					14	121 3007	96	144	Column Stiffener Strap

NOTE 1: Used on 675, 975, 1075 and 1175 with quick drain in every column.

NOTE 2: Outer Screen 127 2949 with quick drain door 127 2950 installed is available. Order 127 1010.

NOTE 3: Add one to the quantity for the 1180.

8' (2.44m) Middle and Top Module Screens
Models 1080 & 1180



8' (2.44m) Middle and Top Module Screens Models 1080 & 1180

NOTE: Quantities shown are for one module.

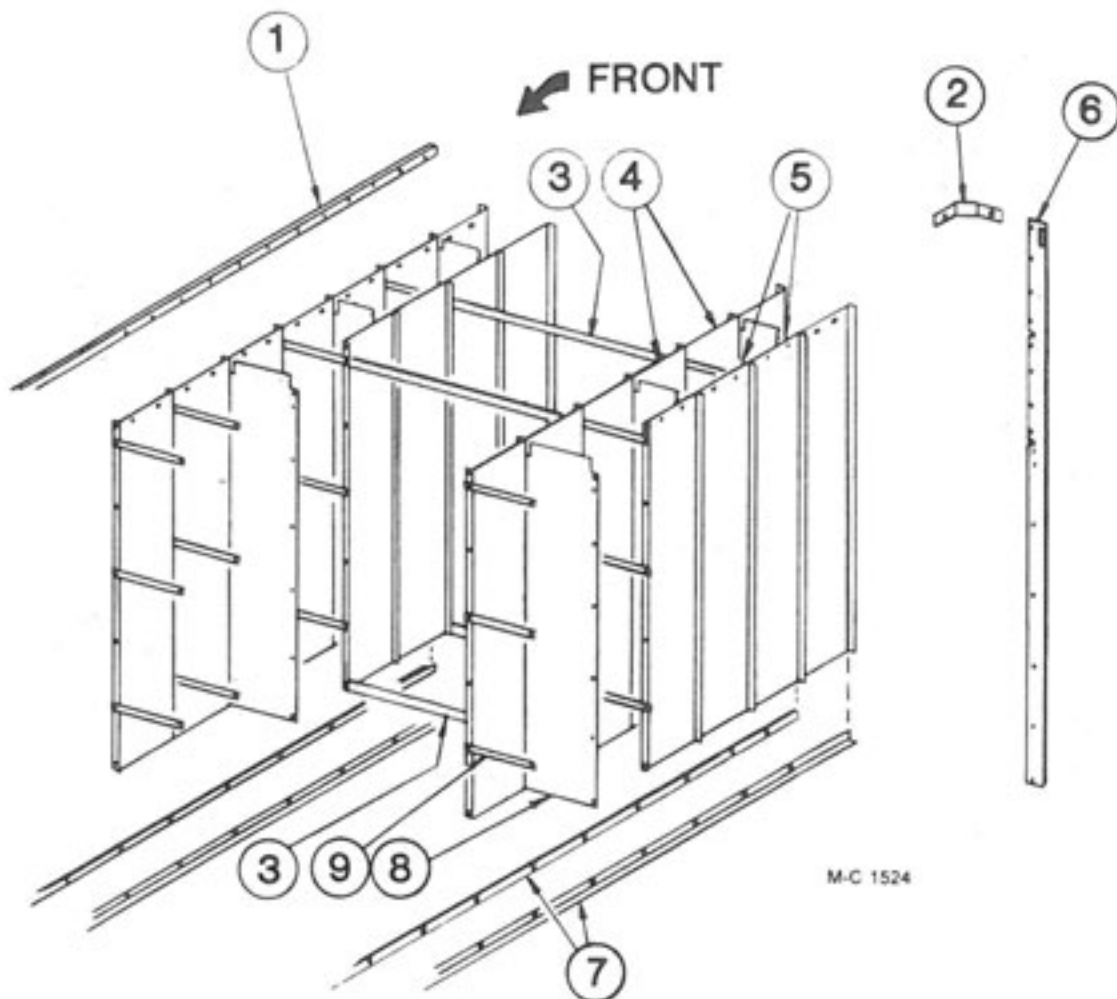
(4.9m) (7.3m)				(4.9m) (7.3m)					
		Qty.	Qty.			Qty.	Qty.		
Ref.	Part No.	(16')	(24')	Description	Ref.	Part No.	(16')	(24')	Description
1	-----	-	-	Moisture Control Screen (See Note 1)	6	-----	-	-	Outer Screen w/o Quick Drain Hole (See Note 3)
	128 3005	1	1	Galvanized (Std.)		128 2945	27	43	Galvanized (Std.)
	127 2994	1	1	Small Seed (Galv.)		127 2948	27	43	Small Seed (Galv.)
	129 7702	1	1	Aluminum		123 2955	27	43	Aluminum
	124 2010	1	1	Canola (Galv.)		124 2010	27	43	Canola (Galv.)
2	128 2382	4	-	Side Joiner Angle	7	129 3402	6	6	Lift Bar Bracket
	128 2381	-	4	Side Joiner Angle	8	128 3437	4	4	Lift Bar
3	128 2014	3	5	Inner Screen Cross Tie (on top module only)	9	128 2250	30	46	Screen Stiffener Bar (not used on top module)
4	-----	-	-	Inner Screen	10	125 2732	8	12	Screen Mount Angle
	128 2945	28	44	Galvanized (Std.)	11	128 2901	6	10	Divider Panel
	127 2948	28	44	Small Seed (Galv.)	12	121 3007	96	144	Column Stiffener Strap
	124 2010	28	44	Canola (Galv.)					
5	-----	-	-	Outer and Inner End Screen					
	128 2965	8	8	Galvanized (Std.)					
	127 2952	8	8	Small Seed (Galv.)					
	123 5208	4	4	Aluminum (Outer only - See Note 2)					
		4	4	Canola (Galv.)					

NOTE 1: Used on the middle module of 1180.

NOTE 2: Use four standard end screens (128 2965) with inner screens.

NOTE 3: Add one to the quantity for the top module of 1180.

5' (1.52m) Module Screens for Model 985

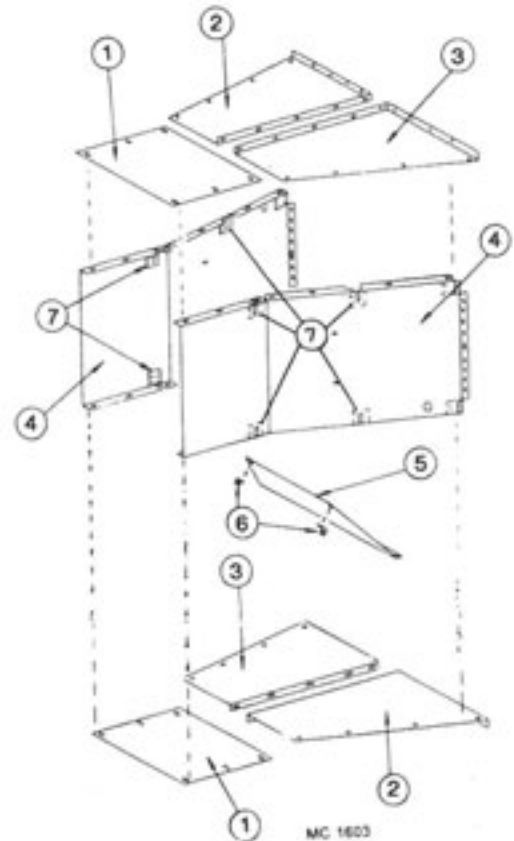


(7.32m)
24'

Ref.	Part No.	Qty.	Description
1	128 2381	4	Side Joiner Angle
2	129 3402	6	Lifting Bar Brace
3	128 2014	22	Inner Screen Cross Tie
4	---	---	Inner Screen
	128 2972	48	Galvanized (Standard)
	127 2951	48	Small Seed (Galvanized)
5	---	---	Outer Screen
	128 2972	48	Galvanized (Standard)
	127 2951	48	Small Seed (Galvanized)
	127 2990	48	Aluminum
6	123 3414	4	Lifting Bar 5'
7	125 2732	12	Screen Mount Angle
8	128 2907	22	Divider Panel
9	121 3007	72	Column Stiffener Straps

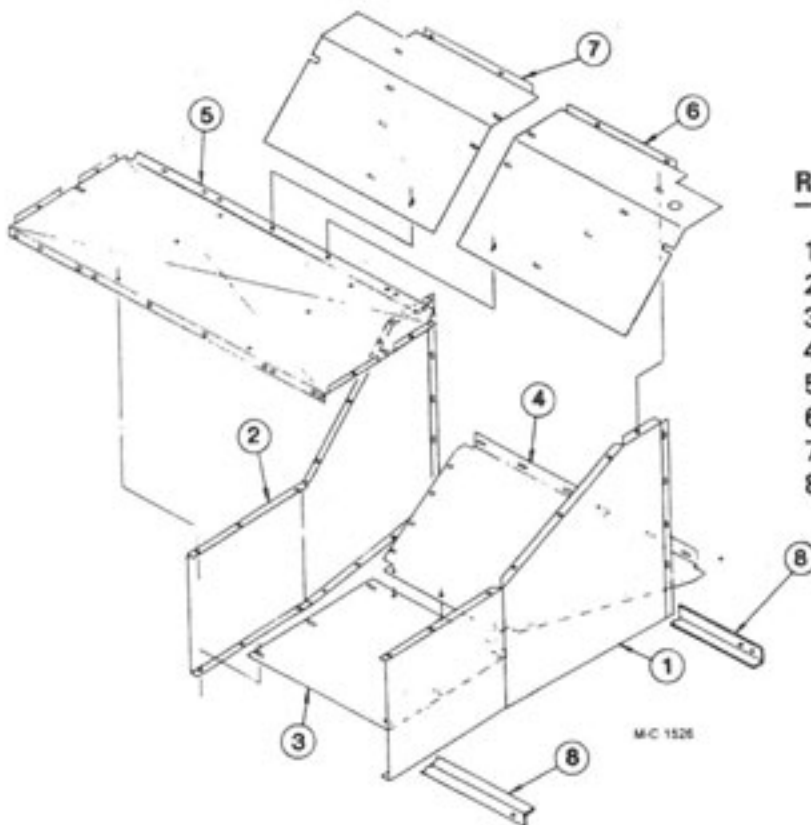
Mixing Chamber

Ref.	Part No.	Qty.	Description
1	128 2915	2	Chamber Top-End
2	128 2912	2	Chamber Top-Left
3	128 2911	2	Chamber Top-Right
4	128 2918	2	Chamber Side
5	128 2914	1	Chamber Deflector
6	001 3302	2	Universal Angle Clip
7	128 4942	13	Mixing Chamber Patch
-	000 8106	48	5/16-18 x 3/4" Capscrew
-	000 8169	48	5/16-18 Flanged Locknut
-	000 8173	48	5/16" Flatwasher
-	000 8184	48	8-18 x 1/2" Sheet Metal Screw
-	128 6848	1	3/4" K.O. Bushing
-	128 6830	2	Hole Plug

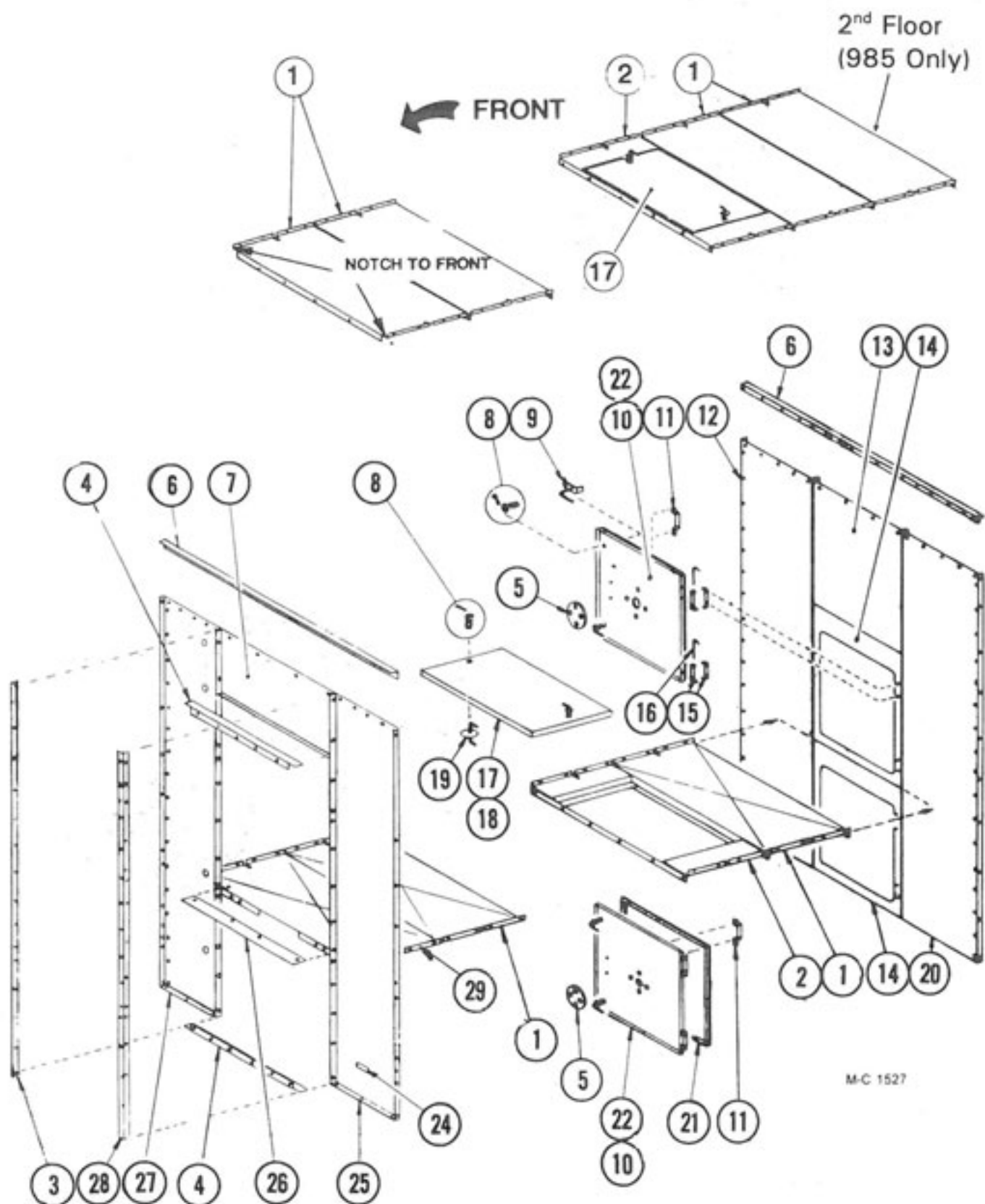


680 & 980 Lower Mixing Chamber

Ref.	Part No.	Qty.	Description
1	124 2863	1	Chamber Side-Right
2	124 2862	1	Chamber Side-Left
3	128 2915	1	Mixing Chamber-End
4	124 2859	1	Mixing Floor-Lower
5	124 2861	1	Pre-Slope Floor Panel
6	124 2856	1	Mixing Cover Top-Right
7	124 2860	1	Mixing Cover Top-Left
8	128 2014	2	Inner Cross Angle



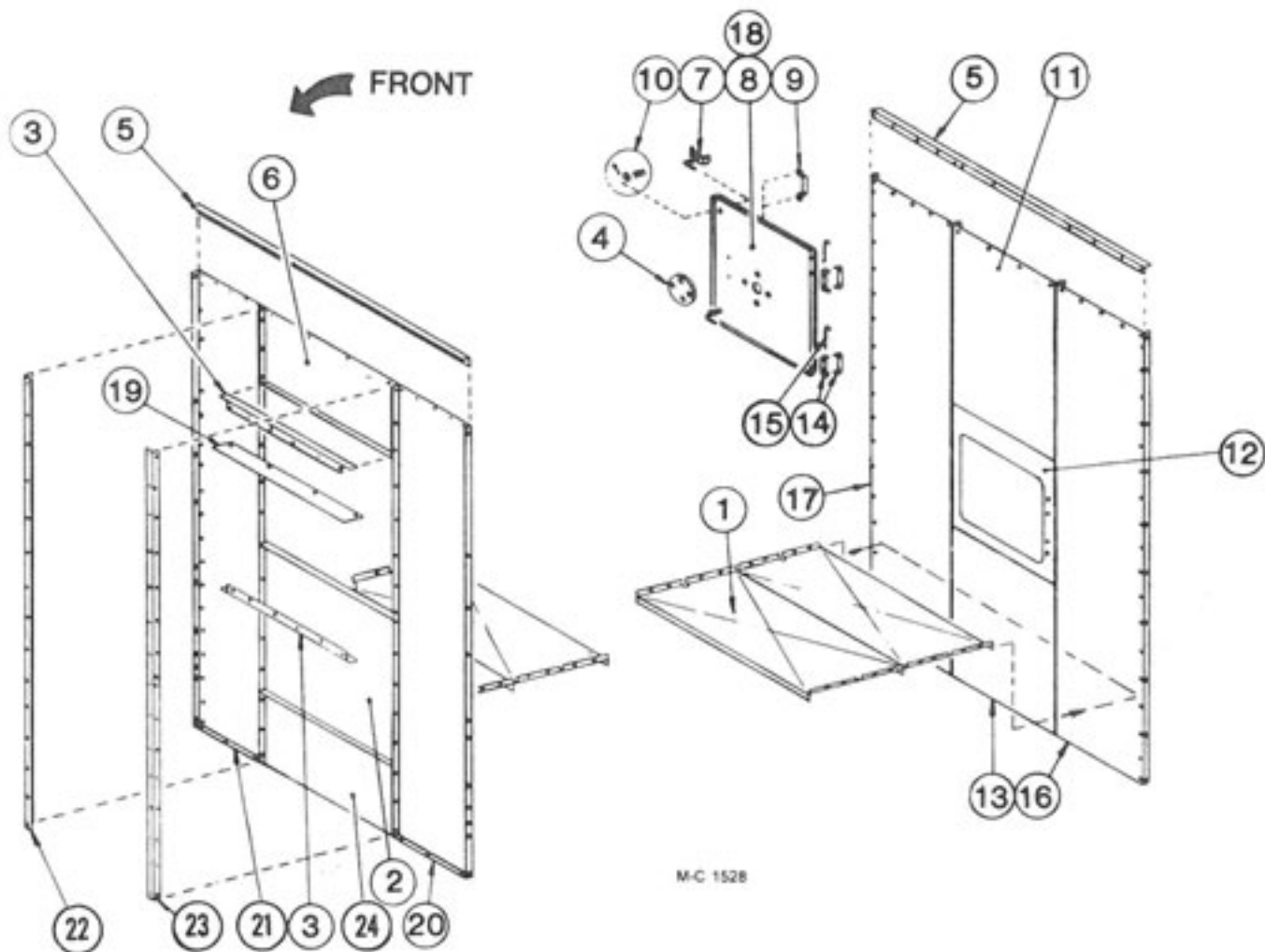
8' (2.44m.) Base Section End and Floor Panels



Base Section End Panels, Floor Panels and Doors (Models 680 to 1180)

Ref.	Part No.	Qty.	Description
1	121 2928	5	Unit Floor Panel 680
		9	Unit Floor Panel 980
		21	Unit Floor Panel 985
		10	Unit Floor Panel 1080 & 1180
2	121 0299	2	Heat Chamber Door Frame 680-985
		1	Heat Chamber Door Frame 1080 & 1180
3	128 2677	1	Fan Housing Mount - Right
4	128 2644	2	Fan Housing Mount Angle
5	129 5709	2	Port View Lens
	000 8212	8	¼-20 x ½" Truss Head Whiz Bolt
	000 8167	8	¼-20 Flanged Whiz Locknut
6	128 2635	2	End Panel Joiner Angle
7	128 2900	1	Panel Above Fans 680-1180
8	001 8256	6	Spring ⅝" ID x 2"
	000 8174	6	⅝" Flatwasher
9	121 8901	4	Latch and Handle 985-1180
		3	Latch and Handle 680-980
10	128 2957	2	Rear Door Panel 985-1180 (Upper & Lower)
		1	Rear Door Panel 680-980 (Upper)
	128 3012	1	Rear Door Panel 680-980 (Lower)
11	121 2887	2	Door Handle 985-1180 (Upper & Lower)
		1	Door Handle 680-980 (Upper)
	128 8251	AR	8-18 x ½" Sheet Metal Screw
12	128 2867	1	Rear End Panel - Right
13	128 2876	1	Panel Above Rear Door 985-1180
14	128 2715	2	Rear Door Frame 985-1180
		1	Rear Door Frame 680-980 (Upper & Lower Doors)
	124 4463	2	Rear Door Frame Brace 680-980
15	128 2740	8	Door Hinge
	000 8212	16	¼-20 x ½" Truss Head Whiz Bolt
	000 8167	16	¼-20 Flanged Whiz Locknut
16	128 5201	4	Hinge Pin
17	121 1113	1	Heat Chamber Door Assembly 985-1180
		2	Heat Chamber Door Assembly 680-980 (Incl. ref. 8, 18 & 19)
18	121 2970	1	Heat Chamber Door Panel 985-1180
		2	Heat Chamber Door Panel 680-980
19	121 0302	2	Latch and Handle 985-1180
		4	Latch and Handle 680-980
20	128 2866	1	Rear End Panel - Left
21	128 8900	AR	Rubber Edge Seal
22	128 1183	2	Rear Door Assembly 985-1180
		1	Rear Door Assembly 680-980 (Upper)
	128 1128	1	Rear Door Assembly 680-980 (Lower)
			(Incl. ref. 8 thru 11, 15 & 21) - both assemblies
24	121 8310	1	Made in USA - Decal
25	128 2868	1	Front End Panel - Left
26	128 2992	1	Floor Seal
		2	Floor Seal 985
27	128 2869	1	Front End Panel - Right
28	128 2678	1	Fan Housing Mount - Left
29	128 2920	1	Front Unit Floor Panel 985-1180
	124 2845	1	Slope Unit Floor Panel 680-980

8' (2.44m.) Module End Panels and Floor Panels



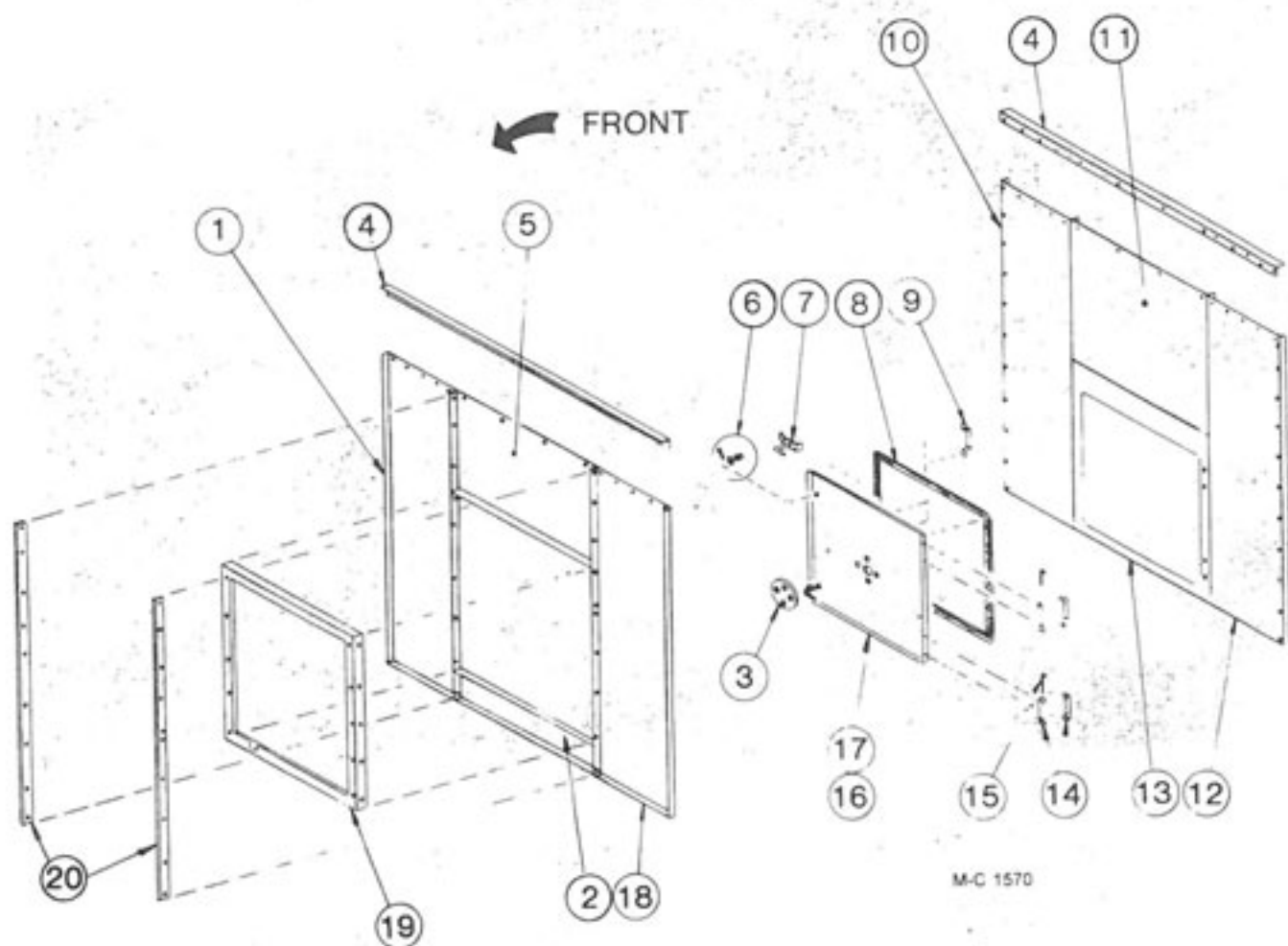
Ref.	Part No.	Description
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1	121 2928	Unit Floor Panel
2	124 2854	Panel Below Fan Housing
3	128 2644	Fan Housing Mt. Angle
4	129 5709	Port View Lens
5	128 2635	End Panel Joiner Angle
6	128 2900	Spacer Panel
7	121 0414	Latch and Handle
8	128 1183	Rear Door Ass'y. (Incl. ref. 10 thru 13, 17 & 21)
9	121 2887	Door Handle
10	001 8256	Spring - 5/8" ID x 2"
	000 8174	5/8" Flatwasher
	000 8199	1/8" x 1" Cotter Pin
11	128 2876	Panel Above Door
12	128 2715	Rear Door Frame

Ref.	Part No.	Description
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13	128 2888	Filler Panel
14	128 2740	Door Hinge
	000 8212	1/4"-20 x 1/2" Truss Hd. Screw
	000 8167	1/4"-20 Flanged Locknut
15	128 5201	Hinge Pin
16	128 2866	Rear End Panel - Left
17	128 2867	Rear End Panel - Right
18	128 2957	Rear Door Panel
19	128 2992	Floor Seal
20	128 2868	Front End Panel - Left
21	128 2869	Front End Panel - Right
22	128 2653	Fan Housing Mt. - Right
23	128 2654	Fan Housing Mt. - Left
24	128 2899	Bottom Panel

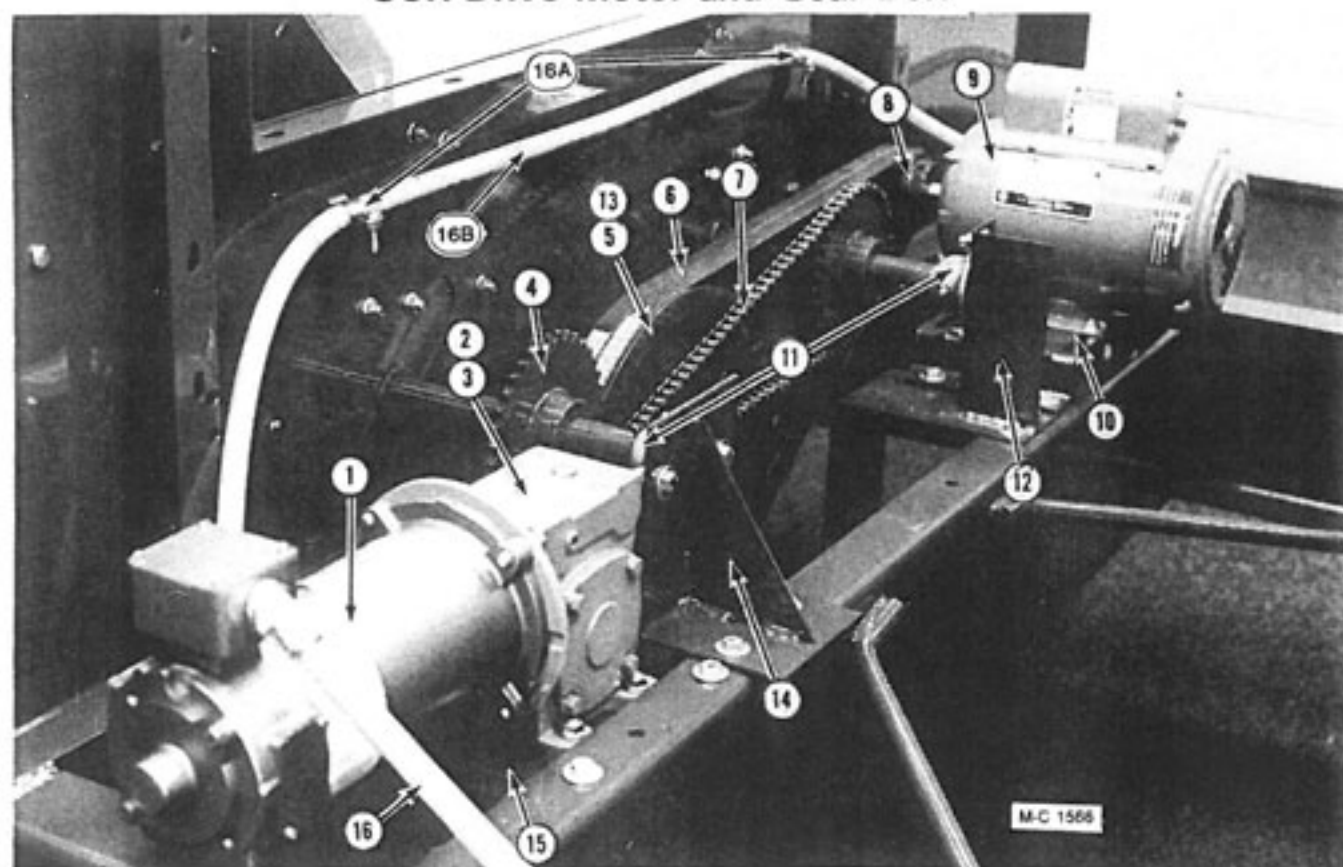
5' (1.52m.) 985 Module End Panels



Ref.	Part No.	Description
1	121 2845	Front End Panel - Right
2	128 2899	Panel Below Fan starting with Serial No. 55196
3	129 5709	Port View Lens
4	128 2635	End Panel Joiner Angle
5	128 2848	Panel Above Fan up to and including Serial No. 55060
	128 2870	Panel Above Fan starting with Serial No. 55196
6	001 8256	Spring $\frac{3}{8}$ ID x 2"
	000 8174	$\frac{3}{8}$ " Flatwasher
	000 8199	$\frac{1}{8}$ " x 1" Cotter Pin
7	121 0414	Latch and Handle
8	121 8966	Weather Stripping
9	121 2887	Door Handle
	128 8251	8-18 x $\frac{1}{2}$ " Sheet Metal Screw

Ref.	Part No.	Description
10	128 2844	Rear End Panel - Right
11	128 2847	Panel Above Rear Door
12	128 2843	Rear End Panel - Left
13	128 2715	Rear Door Frame
14	128 2740	Door Hinge
	000 8212	$\frac{1}{4}$ -20 x $\frac{1}{2}$ " Truss Hd. Screw
	000 8167	$\frac{1}{4}$ -20 Flanged Locknut
15	128 5201	Hinge Pin
16	128 1183	Rear Door Ass'y. (Incl. ref. 6 thru 9, 14 & 17)
17	128 2957	Rear Door Panel
18	128 2846	Front End Panel - Left
19	128 2604	Fan Housing Mt. Plate
20	128 2050	Fan Hsg. Stiffener Bar

SCR Drive Motor and Gear Box



Ref.	Part No.	Qty.	Description
1	124 6837	1	DC Motor - 1/3 HP
	122 8613	-	DC Motor Brush
2	124 6624	1	SCR Gear Box (Incl. 3/16" x 1" Key - 001 5110)
	128 8947	1	Pint of Mobil SHC 634 Oil
	001 8212	4	3/16x1 1/4" Capscrew-Washer Hd.
	000 8174	4	3/16" Flatwasher
	000 8168	4	3/16" Flanged Locknut
3	-----	-	SCR Gear Box Sprocket
	128 6425	1	RC-40 9Tx 3/4" ID - 680
	128 6422	1	RC-40 12Tx 3/4" ID - 980-1180
4	-----	-	Metering Roll Sprocket
	128 6426	2	RC-40 40Tx 1 1/4" ID - 680
	128 6423	2	RC-40 36Tx 1 1/4" ID - 980-1180
	000 8298	2	Woodruff Key 3/4" x 3/4"
5	021 6201	1	Pulley - 2B x 13.6 SK
	001 5130	1	Key - 3/8" x 1"
6	021 6100	1	B-65 Belts (Matched Set-2)
7	128 6315	1	Chain - RC-40 x 130 Pitch
	002 6309	-	Connecting Link
8	121 6210	1	Pulley - 2B - 3-3/16" OD - 3/8" Bore
	121 6203	1	Pulley - 2B - 3-3/16" OD - 7/8" Bore

Ref.	Part No.	Qty.	Description
9	127 6860	-	230/460V 1.5HP 3Ø Motor
	121 6861	-	230/460V 2HP 3Ø Motor
	001 5112	1	Key - 3/16" x 1 1/2" (For 1 1/2 HP motor)
	001 5114	1	Key - 3/16" x 1 1/2" (For 2HP motor)
	128 1810	1	Motor to Cabinet Wire Assembly
	000 8110	1	5/16-18 x 1 1/2" Capscrew
	001 8213	3	5/16-18 x 1" Capscrew
	000 8173	4	5/16" Flatwasher
	000 8169	4	5/16-18 Flanged Locknut
10	124 4214	1	Unload Auger Motor Mount
	001 8209	2	3/16 x 1" Capscrew-Washer Hd.
	001 8210	3	3/16 x 3/4" Capscrew-Washer Hd.
	001 8132	1	3/16 x 4" "J" Bolt
	000 8174	5	3/16" Flatwasher
	000 8168	5	3/16 Flanged Locknut
11	121 6022	2	1 1/4" Outboard Bearing
	001 8209	4	3/16-16x1" Capscrew-Washer Hd.
	000 8174	4	3/16" Flatwasher
	000 8168	4	3/16 Flanged Locknut
12	128 0257	1	Gear Mount Motor Weld.
	001 8210	4	3/16 x 3/4" Capscrew-Washer Hd.
	000 8174	4	3/16" Flatwasher
	000 8168	4	3/16 Flanged Locknut

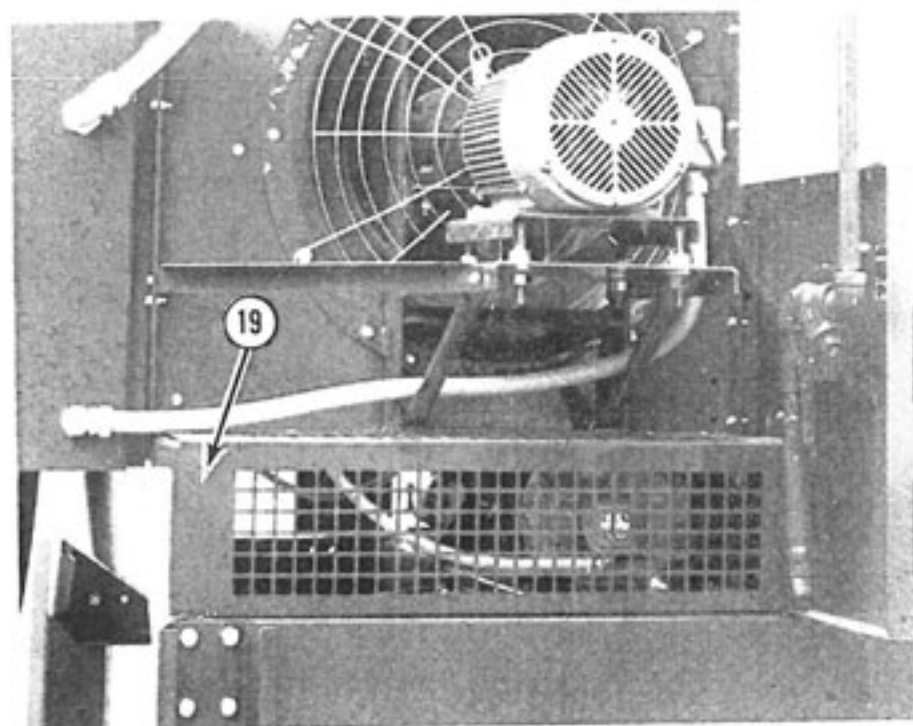
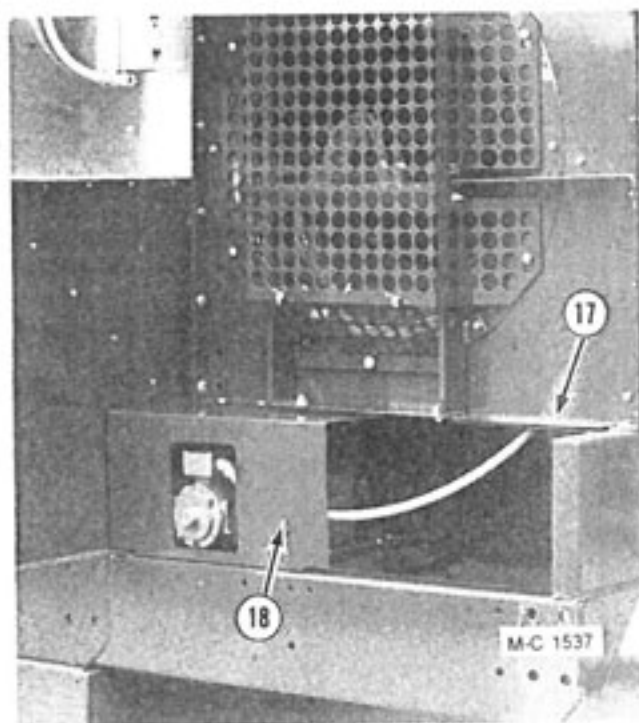
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SCR Drive Motor and Gear Box

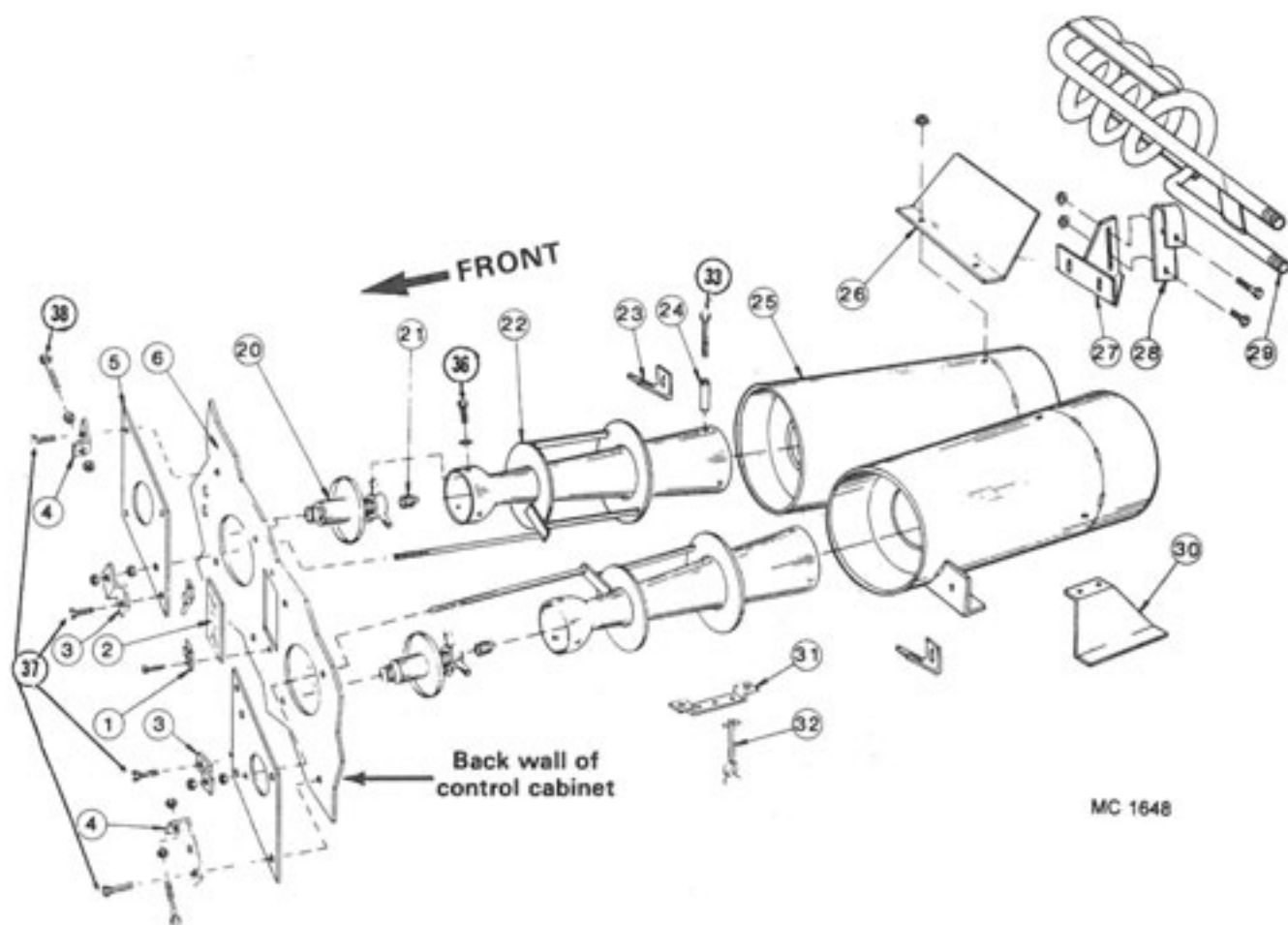
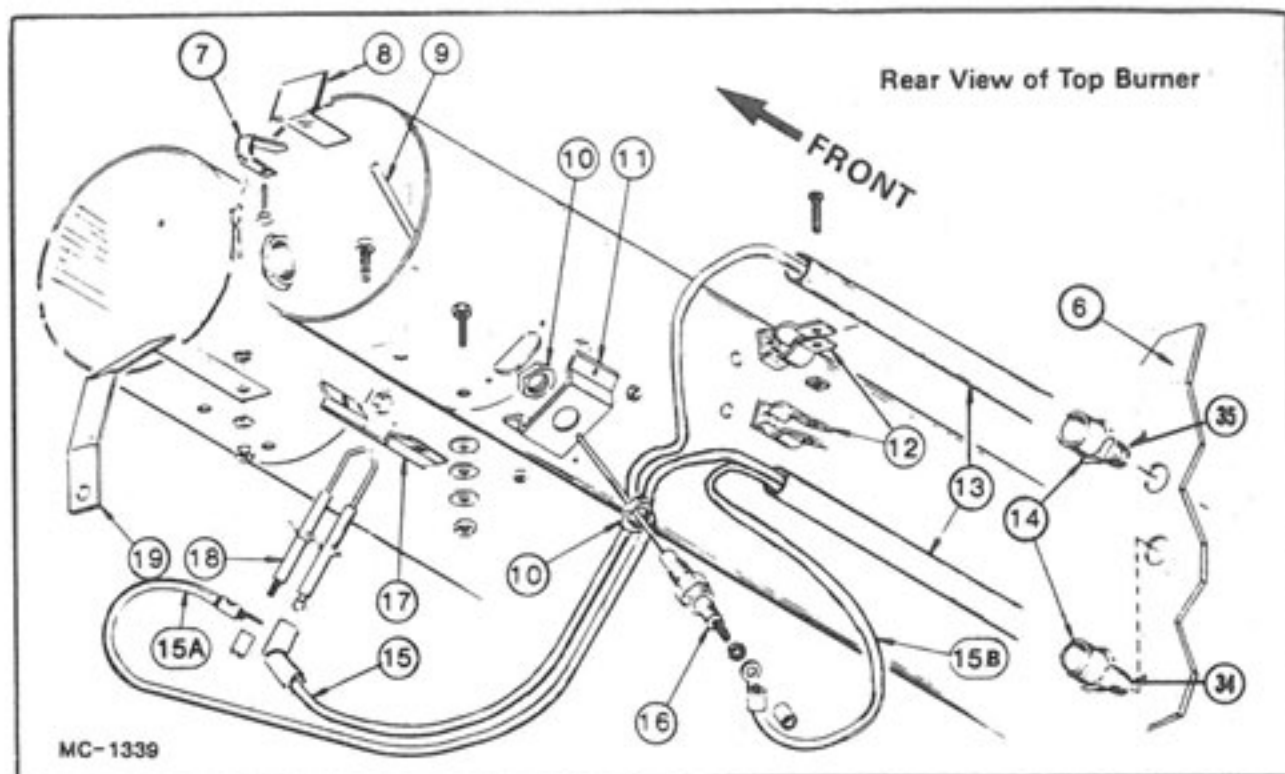
Ref.	Part No.	Qty.	Description
13	001 6202	1	SK Bushing - 1-7/16" Bore (Incl. capscrews)
14	128 0191	1	Outboard Bearing Mount
15	124 4456	1	Gear Box Mount - 980-1180
	124 4500	1	Gear Box Mount - 680
	000 8119	4	5/16-16 x 3/4" Capscrew
	000 8174	4	3/8" Flatwasher
	000 8168	4	5/16-16 Flanged Locknut
16	128 1808	1	SCR Motor to Cabinet Flexible Conduit (51")
16A	121 6906	2	Pipe Clamp
16B	128 1999	1	SCR Motor to Cabinet Flexible Conduit (40")
17	124 4803	4	Drive Cover Bracket - Long
	124 4804	4	Drive Cover Bracket - Short
	000 8104	6	5/16-18 x 3/4" Truss Head Screw
	000 8169	6	5/16-18 Flanged Locknut
18	124 4802	1	SCR Guard w/Motor Hole
19	124 4809	1	SCR Guard

Not Shown

--	120 6914	1	Chase Nipple - 1/2"
--	000 8212	2	1/4-20 x 1/2" Truss Head Screw
	000 8167	2	1/4-20 Flanged Locknut



Venturi Burner

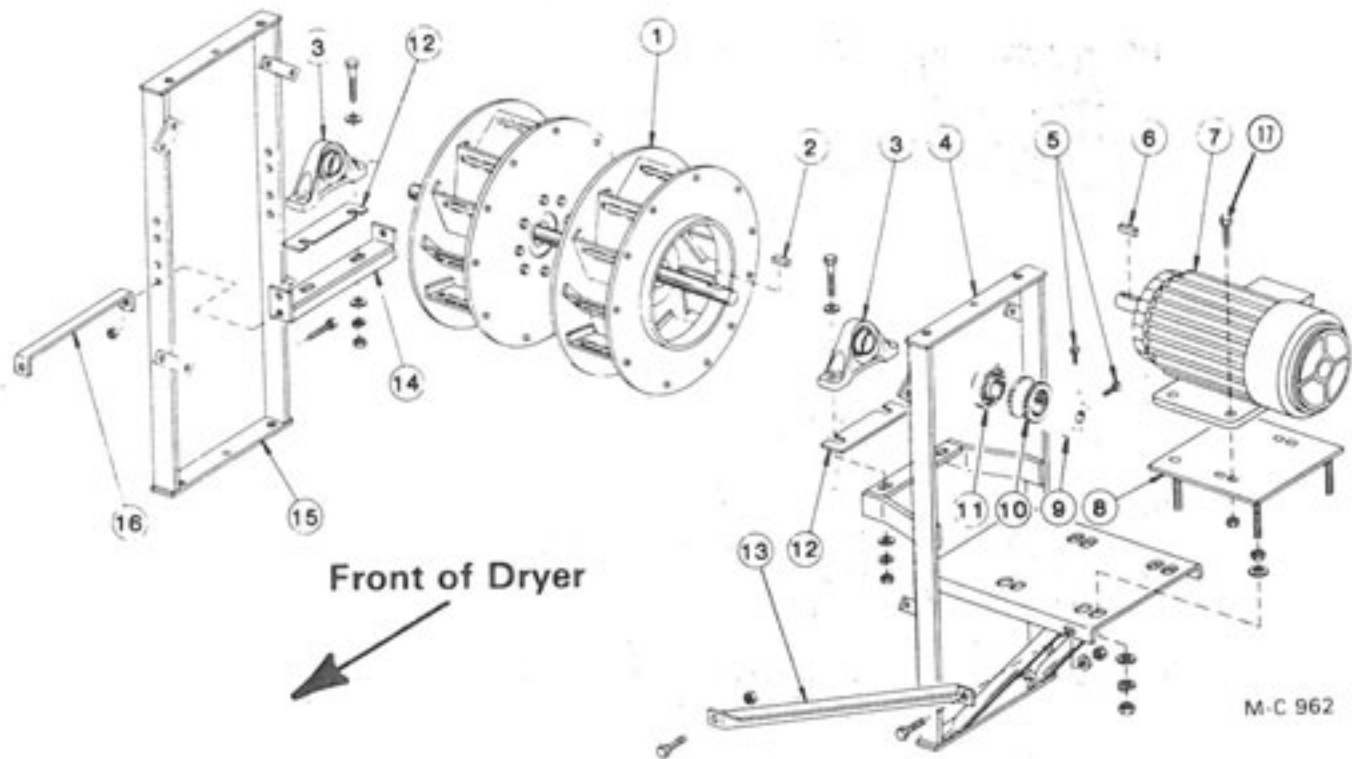


VENTURI BURNER

NOTE: Quantities shown are for one burner assembly.

Ref.	Part No.	Qty.	Description
1	128 8969	2	Burner Window Holder Clip
2	128 8968	1	Burner Window
3	128 4515	2	Air Adjuster Bracket
4	128 3371	2	Air Adjuster Clamp Bracket Short (2-15/16")
	128 2008	2	Air Adjuster Clamp Bracket Long (3-9/16")
5	128 4488	2	Hand Hole Cover Plate
6	----	-	Back Wall of Control Cabinet
7	127 5201	1	Eddy Mounting Strip
8	127 5200	1	Natural Gas Eddy
9	128 0197	1	Flame Ground Rod
10	121 6915	2	Locknut - 1/2"
11	128 3007	1	Flame Sensing Probe Bracket
12	121 6906	2	Pipe Clamp
13	128 5742	2	Igniter Line Support Tube
14	127 8063	2	PVC Female Adapter - 1/2"
15	122 9003	1	Ignition Wire with 90° Boot
15A	124 1377	1	Low Voltage Wire Ass'y Red (Electrode) 18 ga.
15B	124 1079	1	Low Voltage Wire Ass'y Black (Sensing Probe) 18 ga.
16	124 6872	1	Flame Sensing Probe
17	128 2962	1	Electrode Mounting Bracket
18	128 6995	1	Style 2 Electrode
19	121 3007	1	Ground Strap
20	128 0108	2	Inlet Throttle
21	127 5700	2	Burner Nozzle-Natural Gas - 3/8" (9.5mm) Orifice
	128 5715	2	Burner Nozzle-LP Gas - 1/4" (6.35mm) Orifice
22	128 0112	2	Venturi Burner
23	128 4260	2	Burner Mounting Strap
24	128 5401	6	Venturi Spacer
25	128 0137	1	Venturi Extension
26	----	-	Burner Deflector
	128 5310	1	17 1/2" (45cm) 10HP Fan Assembly
	127 5300	1	15 1/4" (39cm) 15HP Fan Assembly
	128 5308	1	12 3/4" (33cm) 20HP Fan Assembly
	127 5307	1	9 3/4" (25cm) 30HP Fan Assembly
27	128 0141	1	Vaporizer Coil Anchor (LP Gas)
28	128 5306	1	Vaporizer Coil Anchor Clip (LP Gas)
29	128 0140	1	Vaporizer Coil (LP Gas)
30	128 4523	1	Burner Front Support - Right
	128 4524	1	Burner Front Support - Left
31	128 4941	1	Wire Support Bracket
32	128 6989	3	Stand-Off Clip
33	000 8114	1	5/16-18 x 2 1/2" (7.9 x 64mm) Capscrew
34	121 6814	1	Low Voltage Feed Through (2) Holes
35	121 6815	1	High Voltage Feed Through (1) Hole
36	001 8208	6	5/16-18 x 1/2" (7.9 x 12.7mm) Washer Head Capscrew
37	001 8210	5	3/8-16 x 3/4" (9.5 x 19mm) Washer Head Capscrew
38	000 8293	2	3/8-16 x 1 1/2" (9.5 x 38mm) Hex Bolt (Full Thread)

Fans and Fan Drive



Ref.	Part No.	Qty.	Description
1	---	-	Fan Assembly - EM Models
	128 1288	1	Lower 10HP (Two 5HP fan wheels)
	128 1304	1	Lower 15HP (Two 7.5HP fan wheels)
	128 1266	1	Upper 20HP (Two 10HP fan wheels)
	128 1337	1	Lower 20HP (Two 15HP fan wheels)
	128 1315	1	Upper 30HP (Two 15HP fan wheels)
2	001 5150	-	Key - $\frac{1}{2}$ " x $\frac{3}{8}$ " x 2" (12.7 x 9.5 x 51mm)
3	128 6022	-	Pillow Block Bearing 2-3/16" (55.6mm) Bore
	000 8268	2	$\frac{5}{16}$ -11 x 3" (15.9 x 76.2mm) Capscrew-Grade 5
	000 8299	2	$\frac{5}{16}$ " SAE Flatwasher
	000 8181	2	$\frac{5}{16}$ " Lockwasher
	000 8164	2	$\frac{5}{16}$ -11 Hex Nut
4	128 0138	-	Motor Support - Upper Fan
	128 0106	-	Motor Support - Lower Fan
	000 8121	8	$\frac{5}{16}$ -16 x 1" Capscrew (9.5 x 25.4mm)
	000 8168	8	$\frac{5}{16}$ -16 Whiz Locknut
5	128 8130	-	$\frac{5}{16}$ -16 x 1" (9.5 x 25.4mm) Sq. Hd. Cup Pt. Set Screw
6	001 5124	-	Key - $\frac{5}{16}$ " x 2 $\frac{3}{8}$ " (6.35 x 60.3mm) 10HP Motor
	001 5139	-	Key - $\frac{3}{8}$ " x 3" (9.5 x 76.2mm) 15 & 20HP Motor
7	201 6818	-	10HP 30 Motor 230/460V
	201 6819	-	15HP 30 Motor 230/460V
	125 6934	-	20HP 30 Motor 230/460V
	128 6986	-	30HP 30 Motor 230/460V

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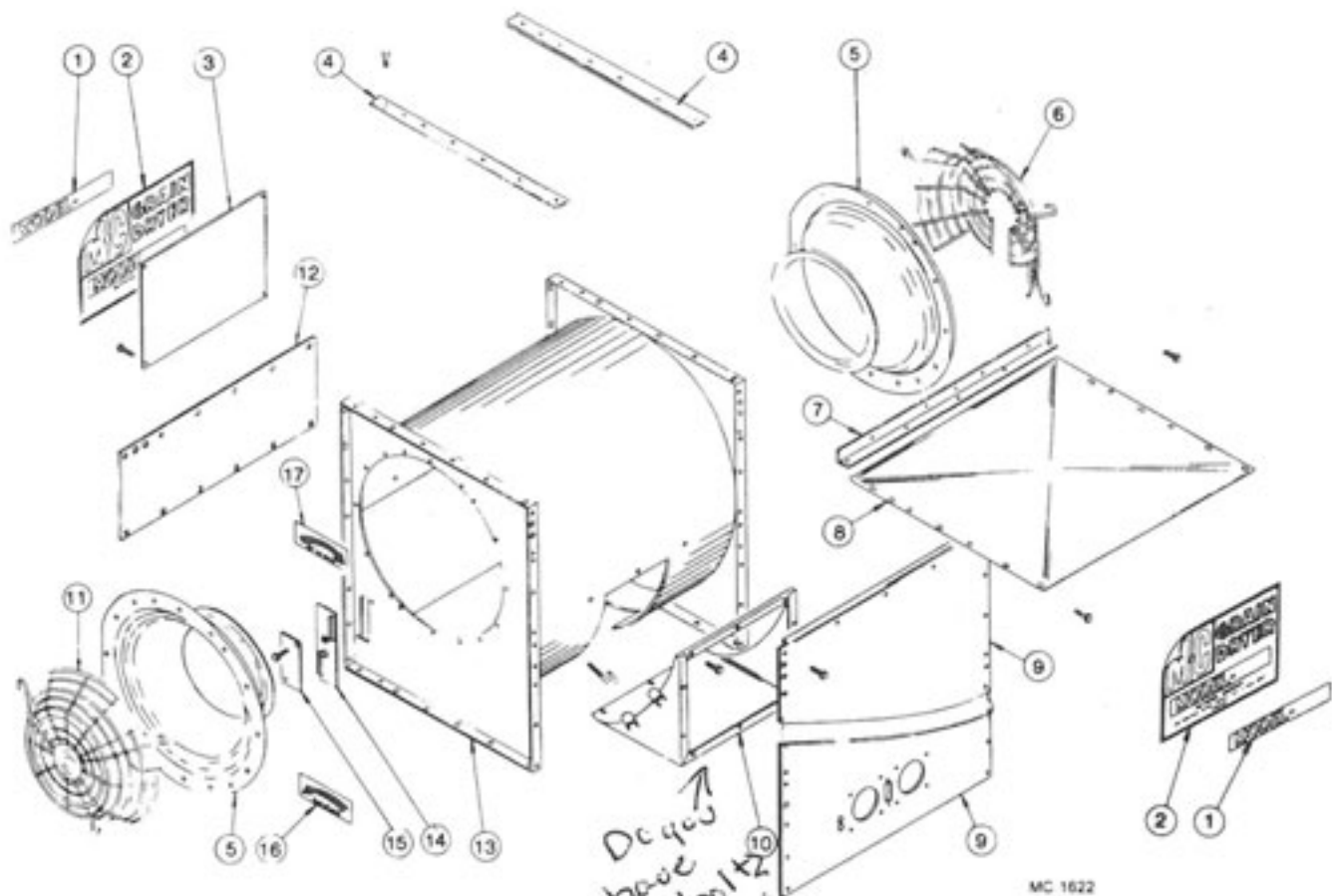
Fans and Fan Drive

Ref.	Part No.	Qty.	Description
8	128 0167	-	Motor Mount (10HP Motors)
	121 0343	-	Motor Mount (15 & 20HP Motors)
	128 0090	-	Motor Mount (30HP Motor)
	000 8165	8	¾-10 Hex Nut
	000 8177	8	¾" Flatwasher
	000 8182	4	¾" Lockwasher
9	128 6623	-	8-S Flange - 1¾" (34.9mm) Bore (10HP Motor)
	128 6604	-	8-S Flange - 1¾" (41.3mm) Bore (15 & 20HP Motors)
	128 6613	-	9-S Flange - 1¾" (47.6mm) Bore (30HP Motor)
10	128 6606	-	Sleeve - Sureflex 8JE (10, 15 & 20HP Motors)
	128 6609	-	Sleeve - Sureflex 9JE (30HP Motor)
11	128 6622	-	8-S Flange - 2-3/16" (55.6mm) Bore (10, 15, & 20HP Motors)
	128 6620	-	9-S Flange - 2-3/16" (55.6mm) Bore (30HP Motor)
12	128 2849	AR	Bearing Shim - 16 gauge
	128 2649	AR	Bearing Shim - 11 gauge
13	124 4213	-	Motor Mount Brace
	000 8121	2	¾-16 x 1" (9.5 x 25.4mm) Capscrew
	000 8168	2	¾-16 Whiz Locknut
14	128 0098	-	Bearing Support
	000 8138	3	½-13 x 1 ½" (12.7 x 25.4mm) Capscrew-Grade 5
	000 8278	1	½-13 x 1 ¾" (12.7 x 44.5mm) Capscrew-Grade 5
	000 8170	4	½-13 Whiz Locknut
15	128 0091	-	Fan Bearing Support
	000 8121	8	¾-16 x 1" (9.5 x 25.4mm) Capscrew
	000 8168	8	¾-16 Whiz Locknut
	000 8135	4	½-13 x 1" (12.7 x 25.4mm) Capscrew-Grade 5
	000 8170	4	½-13 Whiz Locknut
16	128 3452	-	Bearing Mt. Stiffener
	000 8121	1	¾-16 x 1" (9.5 x 25.4mm) Capscrew
	000 8168	1	¾-16 Whiz Locknut
	000 8278	1	½-13 x 1 ¾" (12.7 x 44.5mm) Capscrew
	000 8170	1	½-13 Whiz Locknut
17	000 8278	4	½-13 x 1 ¾" (12.7 x 44.5mm) Capscrew-Grade 5 (30HP Motor)
	000 8138	4	½-13 x 1 ½" (12.7 x 25.4mm) Capscrew-Grade 5 (15 & 20HP Motor)
	000 8289	4	¾-16 x 1 ½" (9.5 x 38mm) Capscrew-Grade 5 (10HP Motor)
	000 8170	4	½-13 Whiz Locknut
	000 8168	4	¾-16 Whiz Locknut

NOTE: "Lower" and "Upper" refer to the fan assembly location in the Base Section and each 8 Ft. Module. "Lower" fan assembly is used in the 5 Ft. Module of Model 985. Fan assembly HP can be determined by measuring the width of the fan wheels:

- A. 2 ½" (63.5mm) fan wheels - 5HP (2 fan wheels - 10HP)
- B. 3 ¾" (98.4mm) fan wheels - 7 ½HP (2 fan wheels - 15HP)
- C. 5 ¼" (133.4mm) fan wheels - 10HP (2 fan wheels - 20HP)
- D. 7-15/16" (192.1mm) fan wheels - 15HP (2 fan wheels - 30HP)

Fan Housing

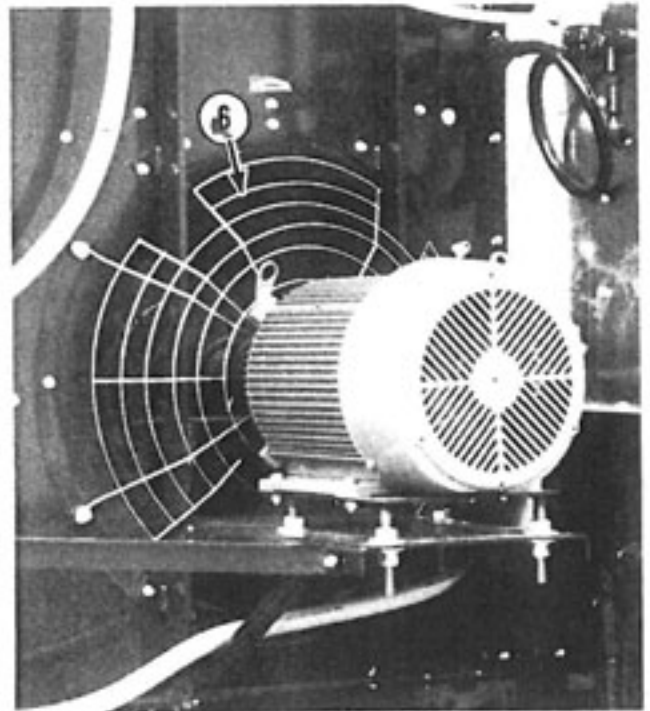
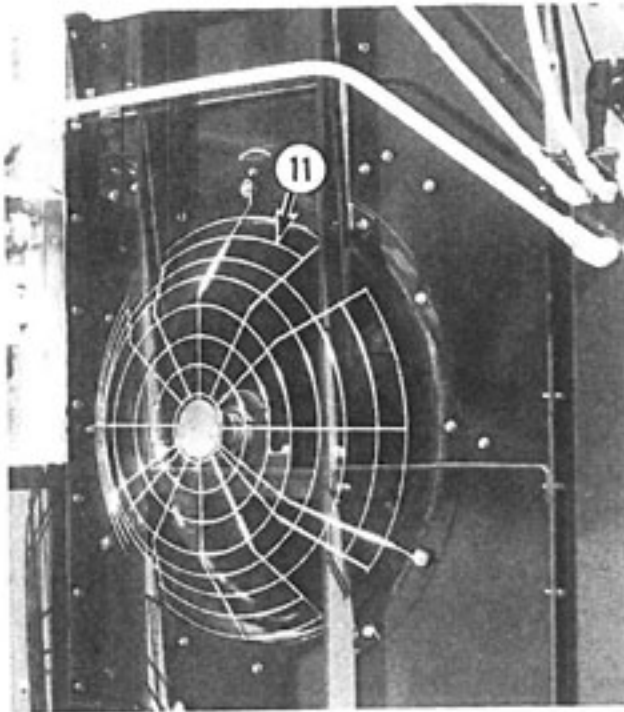


Ref.	Part No.	Qty.	Description
1	-----	-	Dryer Model Decal (use with Ref. 2)
	128 8380	-	680
	128 8382	-	980
		-	985
	128 8383	-	1080
	128 8384	-	1180
2	128 8331	2	Large Decal - Model 975 (See Note 1)
3	128 2999	1	Decal Mount Plate (at rear of dryer)
4	121 3566	2	Fan Housing Spacer Bar (used between fan housings of middle and top modules on 1180)
5	128 5724	2	Air Take Spinning
	000 8106	9	5/16-18 x 3/4" Capscrew
	000 8109	9	5/16-18x1 1/4" Capscrew
	000 8173	9	5/16" Flatwasher
	000 8169	18	5/16-18 Flanged Locknut

NOTE 1: This decal is imprinted "Model 975." For other models, order one of 128 8331 and one of Ref. 1 to be placed over "Model 975."

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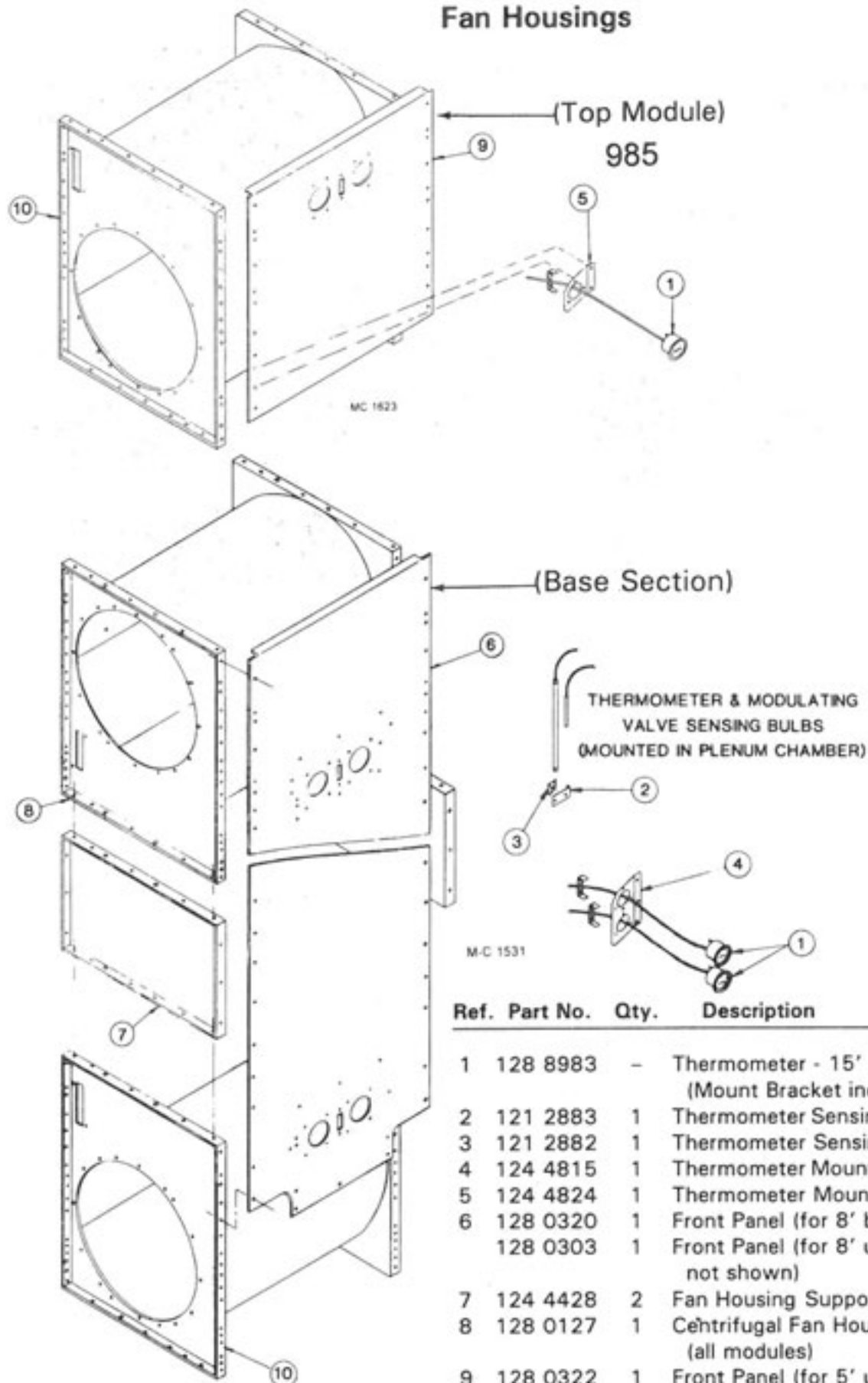
Fan Housing



Ref.	Part No.	Qty.	Description
6	128 8965	1	3/4 Fan Guard
7	128 2757	1	Fan Housing Support
8	124 4834	1	Fan Housing Top Cover
9	128 0303	1	Front Panel (for 8' module only)
	128 0322	1	Front Panel (for 5' module only)
	128 0320	1	Front Panel for 8' base section only)
10	128 0142	1	Burner Transition
	120 8130	4	3/16-16 x 2" "J" Bolt
	001 8210	3	3/16-16 x 3/4" Capscrew
	000 8168	7	3/16-16 Flanged Locknut
11	128 8964	1	Full Fan Guard Wire
12	124 2857	1	Seal Panel Between Fans
13	128 0127	1	Centrifugal Fan Housing RH
14	128 0086	1	Vaporizer Mount Plate (LP Gas)
15	128 4940	1	Vaporizer Hole Cover (Nat. Gas)
16	121 8301	1	Counterclockwise Arrow Decal
17	128 8322	1	Clockwise Arrow Decal

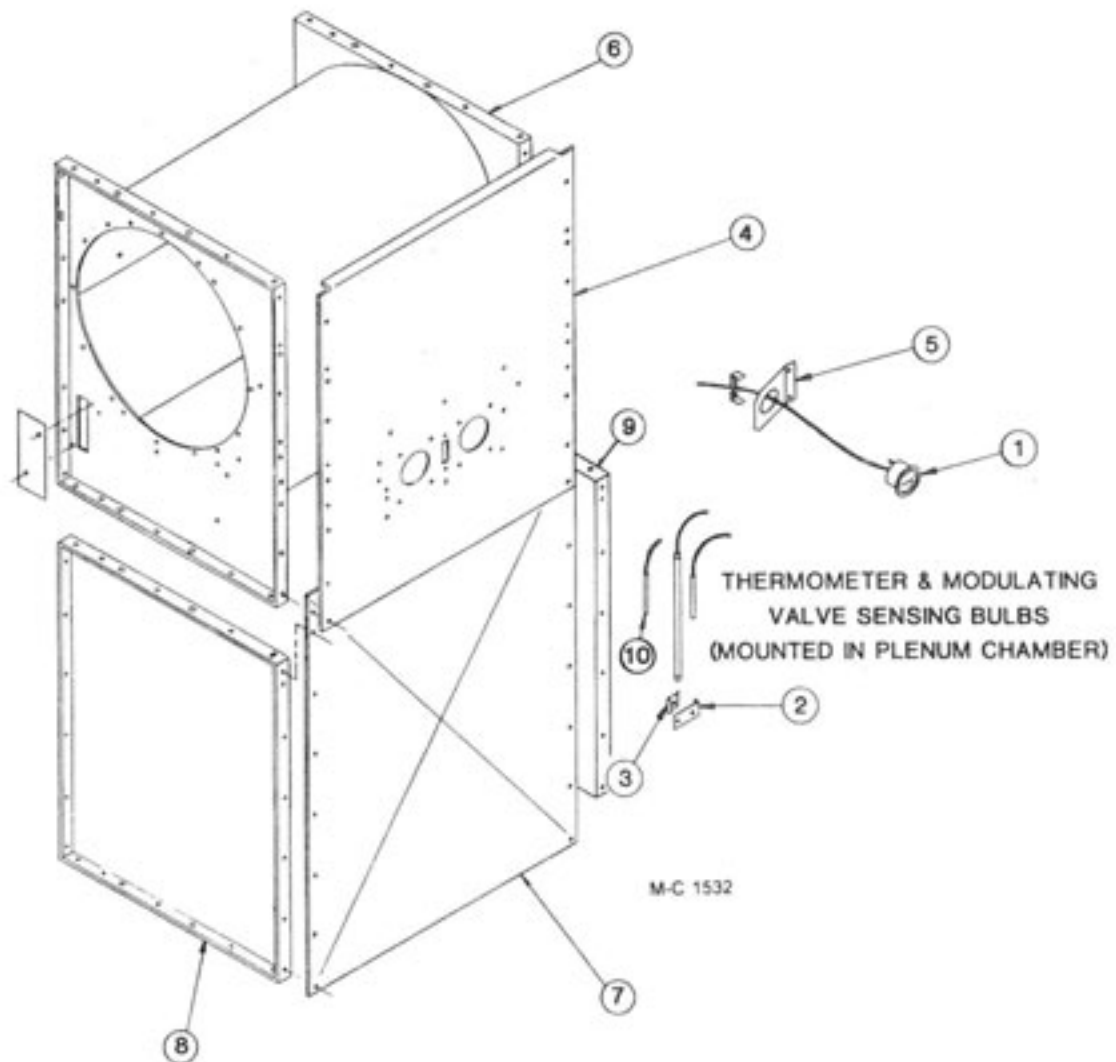
Do you have 3 bolt

Fan Housings



Ref.	Part No.	Qty.	Description
1	128 8983	-	Thermometer - 15' Capillary (Mount Bracket included)
2	121 2883	1	Thermometer Sensing Bulb Bracket
3	121 2882	1	Thermometer Sensing Bulb Clip
4	124 4815	1	Thermometer Mount Plate (Double)
5	124 4824	1	Thermometer Mount Plate (Single)
6	128 0320	1	Front Panel (for 8' base section)
	128 0303	1	Front Panel (for 8' upper module - not shown)
7	124 4428	2	Fan Housing Support Spacer
8	128 0127	1	Centrifugal Fan Housing RH (all modules)
9	128 0322	1	Front Panel (for 5' upper module)
10	128 4505	1	Centrifugal Fan Housing LH (all modules)

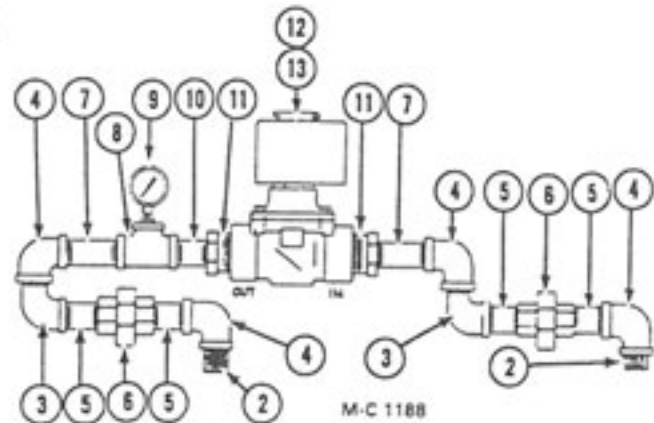
8' (2.44m) Fan Housing Module Models 1080 & 1180



Ref.	Part No.	Qty.	Description
1	128 8983	-	Thermometer - 15' Capillary (Mount Bracket included)
2	121 2883	1	Thermometer Sensing Bulb Brkt.
3	121 2882	1	Thermometer Sensing Bulb Clip
4	128 0302	1	Top Front Panel (For 8' Module)
5	124 4824	1	Thermometer Mount Plate (Single)
6	128 0127	1	Centrifugal Fan Housing RH
7	128 4974	1	Front Fan Housing Cover
8	128 4575	1	Fan Housing Side - Right
9	128 4576	1	Fan Housing Side - Left
10	124 6961	-	Temperature Probe 180"
	124 6962	-	Temperature Probe 300"
	124 6971	-	Temperature Probe 420"

Gas Manifold Low Fire Piping and Solenoid (Used with Base Section Controls)

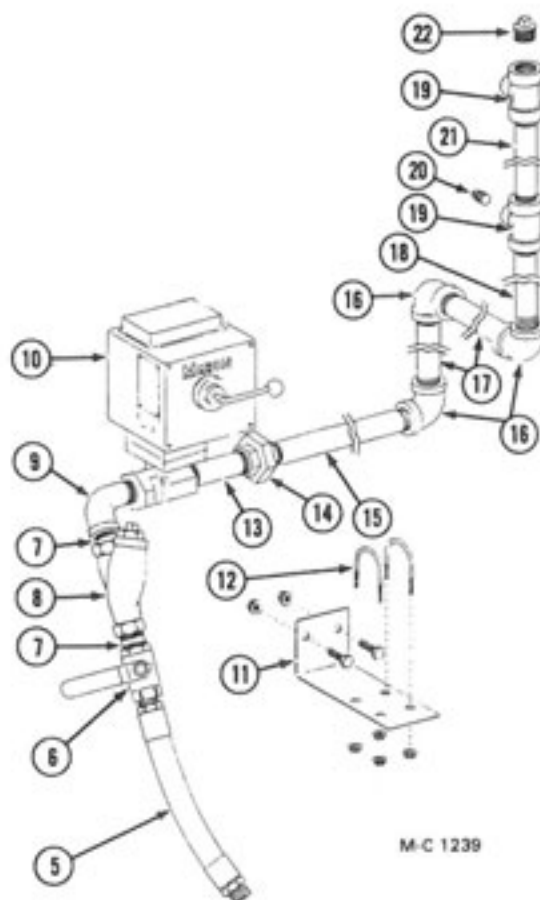
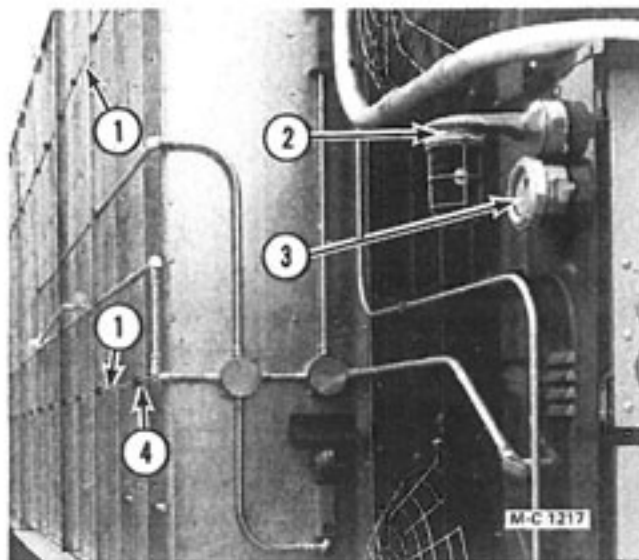
Ref.	Part No.	Qty.	Description
2	128 5464	2	3/8" Std. Close Nipple
3	128 5467	2	3/8" Std. Street Elbow - 90°
4	128 5468	4	3/8" Std. Elbow - 90°
5	128 5462	5	3/8" x 1 1/2" Std. Nipple
6	128 5469	2	3/8" Std. Union
7	128 5463	2	3/8" x 2" Std. Nipple
8	128 5466	1	3/8" Std. Tee
9	120 7002	1	Pressure Gauge
11	128 5465	2	3/4" x 3/8" Reducing Bushing
12	121 7002	1	3/4" Solenoid Valve
13	122 7035	1	Repair Kit for Ref. 12
	122 7001	1	Coil for Ref. 12



Safety Control Fire Alarm w/Safety Shut-Off Valve (Optional)

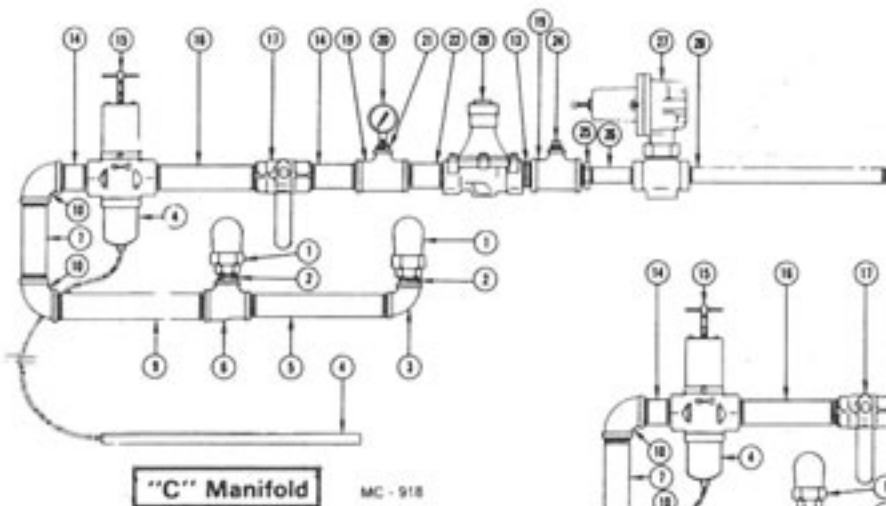
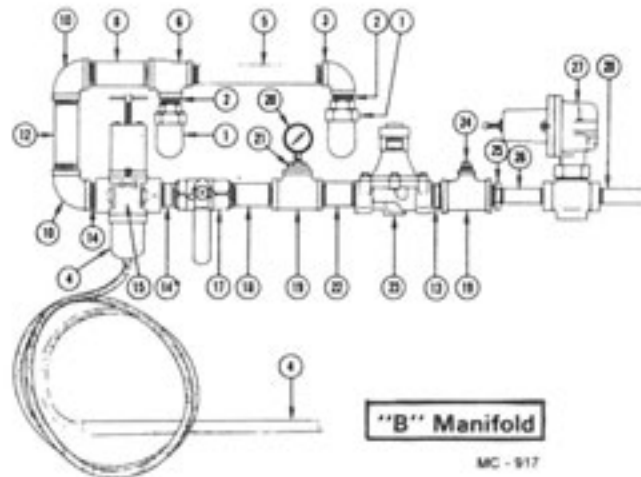
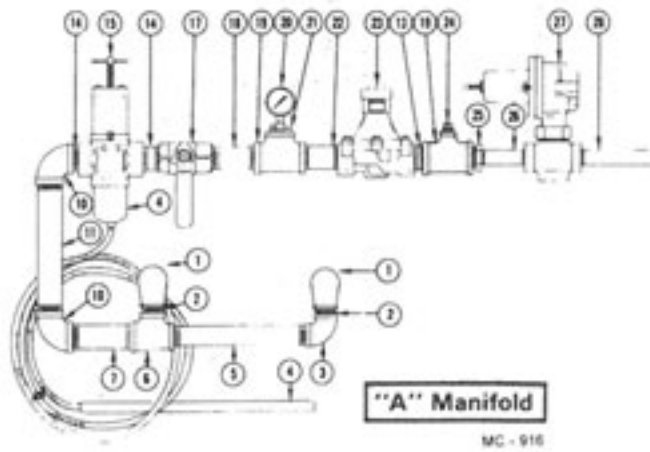
NOTE: LP Gas piping is shown. Natural Gas piping to be supplied by customer. Natural Gas manual reset valve is shown under ref. 10.

Ref.	Part No.	Qty.	Description
1	121 6956	—	Linear Limit Control (138")
	128 6850	—	Linear Limit Control (92")
	127 5713	—	Linear Tubing (93")
	127 5712	—	Linear Tubing (140")
	121 6893	—	Strain Relief Connector
2	123 6854	1	Light Fixture Complete
	123 6898	1	Red Glass Globe
	125 6823	1	100W Rough Service Bulb
3	123 6868	1	Horn (Alarm Buzzer)
4	128 2643	—	Bracket
	125 6900	—	½" Bushing
5	121 7026	1	Inlet Hose - 1"
6	128 8012	1	Hand Valve - 1"
7	125 8030	2	1" Close Extra Hvy. Nipple
8	125 8095	1	1" Strainer
9	125 8028	1	1" 90° Extra Hvy. Street Elbow
10	123 7027	1	1" Manual Reset Valve - LP Gas
	123 7028	1	2" Manual Reset Valve - Natural Gas
11	124 4225	1	Manual Reset Valve Brkt.
	001 8135	2	¾-16 x 1" Capscrew - Grd. 5
	000 8168	2	¾-16 Flanged Locknut
12	123 8110	2	5/16-18 x 1¼" "U" Bolt
	000 8169	2	5/16-18 Flanged Locknut
13	125 8017	1	1" x 5" Extra Hvy. Nipple
14	125 8031	1	1" Extra Hvy. Union
15	128 8042	1	1" x 34½" Extra Hvy. Nipple
16	125 8026	3	1" x 90° Extra Hvy. Elbow
17	128 5411	2	1" x 15" Extra Hvy. Nipple
18	125 8025	1	1" x 12" Extra Hvy. Nipple
19	125 8018	2	1" x 1" x ½" Extra Hvy. Tee
20	121 8081	1	½" Pipe Plug
21	128 8055	1	1" x 16½" Extra Hvy. Nipple
22	128 8047	1	1" Pipe Plug
23	128 5731	2	Fire Alarm Junc. Box
24	121 6808	4	125V Indicator Lamp Ass'y.

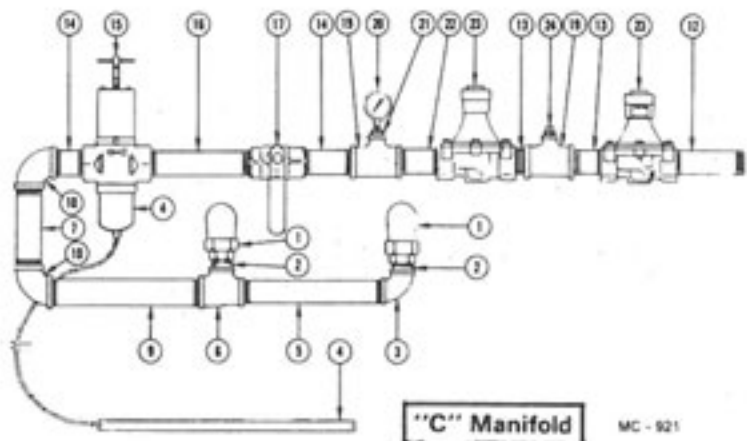
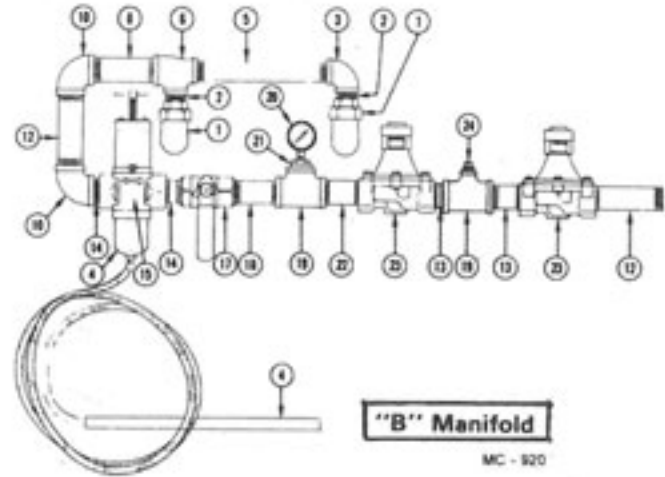
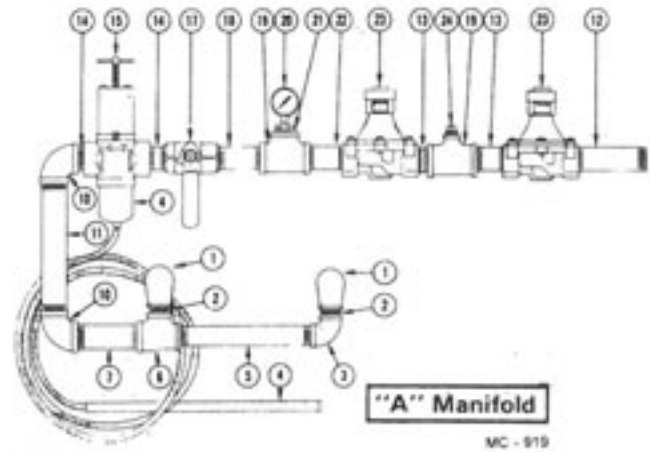


LP and Natural Gas Manifolds

LP Gas Manifolds



Natural Gas Manifolds



LP and Natural Gas Manifolds

Repair Kits and Parts for Modulating Valves, Solenoid Valves and LP Gas Pressure Regulators:

For Modulating Valves 123 7002 & 123 7024

122 9993 Seat Kit (Incl. stem, disc holder & diaphragm)

122 7006 Diaphragm

For 1 1/4" Solenoid Valve 128 7001

122 7034 Repair Kit (See note)

--- 4607 Coil

For 1/2" Solenoid Valve 125 7082

122 7039 Repair Kit (See note)

122 7001 Coil

NOTE: Kit includes all internal parts that would require replacement in normal service and installation instructions.

For LP Gas Pressure Regulator 128 7005

122 7043 - Diaphragm (Nitrile)

122 7044 - Disc Assembly

122 7045 - Control Spring (Yellow)

122 7046 - Stabilizer

122 7047 - Diaphragm Case O Ring

Ref.	Part No.	Description
1	128 8029	1" Std. Union Elbow-90°
2	128 8013	1" Std. Close Nipple
3	128 8016	1" Std. Elbow - 90°
4	122 7023	Power Element 90°-210°F (15' Capillary) Code "B"
		Optional
	122 7036	Power Element 140°-250°F (15' Capillary) Code "D"
		Standard
5	128 8058	1" x 10 1/2" Std. Nipple
6	128 8007	1 1/4" x 1" x 1" Std. Tee
7	127 8016	1 1/4" x 5 1/2" Std. Nipple
8	123 8046	1 1/4" x 7 1/2" Std. Nipple
9	128 8065	1 1/4" x 11" Std. Nipple
10	123 8051	1 1/4" Std. Elbow - 90°
11	127 8021	1 1/4" x 9 1/2" Std. Nipple
12	123 8073	1 1/4" x 6 1/2" Std. Nipple
13	123 8069	1 1/4" Std. Close Nipple
14	123 8045	1 1/4" x 2 1/2" Std. Nipple
15	123 7024	1 1/4" Modulating Valve w/ 140° 250°F Power Element
16	129 8033	1 1/4" x 8 1/2" Std. Nipple
17	123 7003	1 1/4" Main Hand Valve
18	128 8024	1 1/4" x 5 Std. Nipple
19	127 8131	1 1/4" x 1 1/4" x 3/8" Std. Tee
20	120 7002	Pressure Gauge
21	127 8132	3/8" to 1/4" Reducing Bushing
22	128 8003	1 1/4" x 3 1/2" Std. Nipple
23	128 7001	1 1/4" Solenoid Valve
24	001 8001	3/8" Pipe Plug
25	123 8078	1 1/4" x 3/4" Std. Reducing Bushing
26	121 8069	3/4" x 3" Std. Nipple
27	128 7005	LP Gas Pressure Reg. (Replaces 121 7006)
28	128 8066	3/4" x 8" Extra Hvy. Duty Nipple

Gas Conversion and Burner Kits:

Gas Conversion Kits

128 9018 - LP to Natural Gas Conversion

One Burner

127 9148 - Natural Gas to LP Gas Conversion

One Burner

Burner Kit

127 9000 - Extra Burner - LP Gas

127 9004 - Extra Burner - Natural Gas

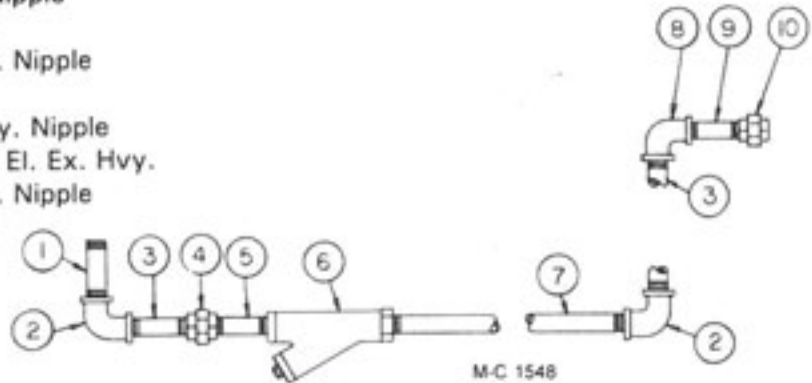
Torx T-30 Wrench for Power Element Screws

Vaporizer to Manifold Pipe

Ref. Part No. Qty. Description

1	121 8091	1	¾" x 7 Ex. Hvy. Nipple
2	121 8027	2	¾" x 90° Ex. Hvy. Elbow
3	121 8006	2	¾" x 2" Ex. Hvy. Nipple
4	121 8072	1	¾" Union Ex. Hvy.
5	121 8058	1	¾" x 2½" Ex. Hvy. Nipple
6	121 8060	1	¾" Dirt Strainer
7	128 5426	1	¾" x 30½" Ex. Hvy. Nipple
8	121 8032	1	¾" x ½" Red. 90° El. Ex. Hvy.
9	121 8094	1	½" x 1½" Ex. Hvy. Nipple
10	121 8022	1	½" Union Ex. Hvy.

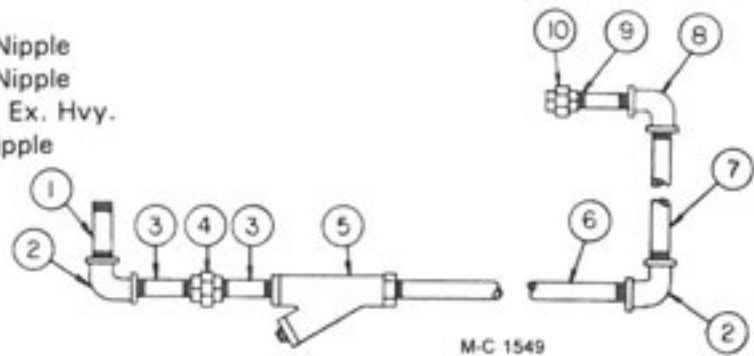
Upper Base Burner Assembly



Ref. Part No. Qty. Description

1	121 8091	1	¾" x 7 Ex. Hvy. Nipple
2	121 8027	2	¾" x 90° Ex. Hvy. Elbow
3	121 8006	2	¾" x 2" Ex. Hvy. Nipple
4	121 8072	1	¾" Union Ex. Hvy.
5	121 8060	1	¾" Dirt Strainer
6	128 5426	1	¾" x 30½" Ex. Hvy. Nipple
7	128 5427	1	¾" x 14½" Ex. Hvy. Nipple
8	121 8032	1	¾" x ½" Red. 90° El. Ex. Hvy.
9	121 8094	1	½" x 1½" Ex. Hvy. Nipple
10	121 8022	1	½" Union Ex. Hvy.

Lower Base Burner Assembly \ Upper Module Burner Assembly



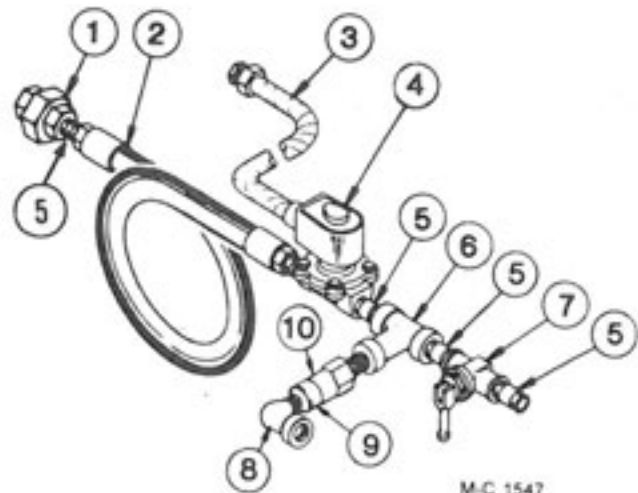
LP Gas Liquid Lines

Liquid Control Line

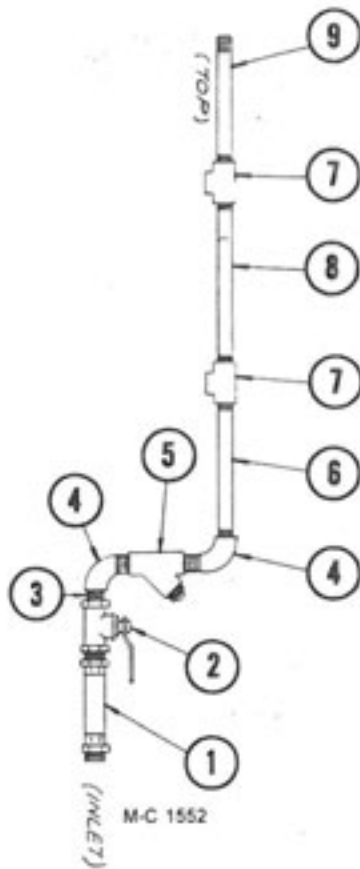
Ref.	Part No.	Description
1	121 8022	½" Extra Hvy. Union
2	128 8400	½" ID x 34" Hose w/Couplings
3	128 1820	¾" Flexible Conduit
4	125 7082	½" Solenoid Valve
5	121 8094	½" x 1½" Extra Hvy. Nipple
6	120 8035	½" Extra Hvy. Tee
7	121 7015	Hand Valve - ½"
8	121 8048	½" - 90° Std. Street Elbow
9	121 7014	Relief Valve Adapter
10	121 7013	Relief Valve

Solenoid Valve Repair Kit

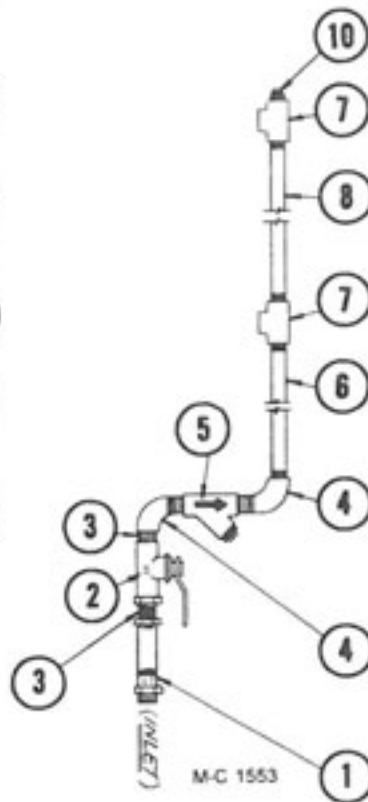
The repair kit and coil for the ½" solenoid valve (ref. 4) is shown on page 31.



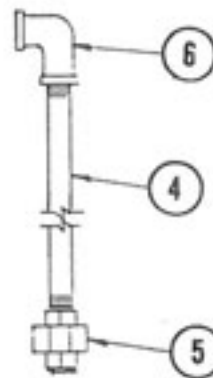
LP Gas Stand Pipe



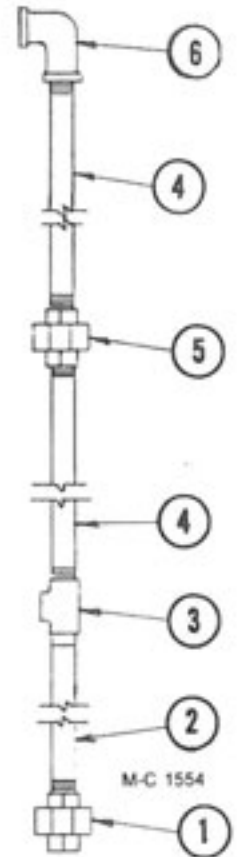
**985/1080/1180
Base Section**



**680/980
Base Section**



**1080 Upper
Module**



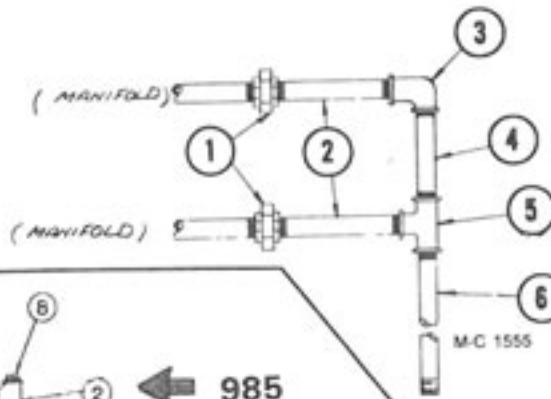
**1180
Upper Modules**

Ref.	Part No.	Qty.	Description
1	121 7026	1	1" Inlet Hose
2	128 8012	1	1" Hand Valve
3	125 8030	2	1" Close Nipple Ex. Hvy.
4	125 8028	2	1" Street El. 90° Ex. Hvy.
5	125 8095	1	1" Dirt Strainer
6	129 8003	1	1" x 28 3/4" Nipple Ex. Hvy.
7	125 8018	2	1" x 1" x 1/2" Tee Ex. Hvy.
8	128 5444	1	1" x 34" Nipple Ex. Hvy.
9	128 5445	1	1" x 38" Nipple Ex. Hvy.
10	128 8047	1	1" Pipe Plug

Ref.	Part No.	Qty.	Description
1	125 8031	1	1" Union Ex. Hvy.
2	128 5445	1	1" x 38" Nipple Ex. Hvy.
3	125 8018	1	1" x 1" x 1/2" Tee Ex. Hvy.
4	128 5447	2	1" x 54 1/2" Nipple Ex. Hvy.
5	125 8031	1	1" Union Ex. Hvy.
6	121 8043	1	1" to 1/2" 90° El. Ex. Hvy.

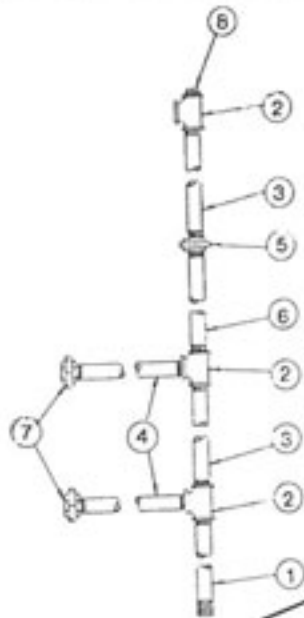
Natural Gas Stand Pipe

← 680/980



Ref.	Part No.	Qty.	Description
1	123 8053	2	1 1/4" Union Ex. Hvy.
2	125 8013	2	1 1/4" x 2" Nipple Ex. Hvy.
3	123 8051	1	1 1/4" 90° Elbow Ex. Hvy.
4	127 8021	1	1 1/4" x 9 1/2" Nipple Ex. Hvy.
5	123 8057	1	1 1/4" Tee Ex. Hvy.
6	123 8096	1	1 1/4" x 30" Nipple Ex. Hvy.

← 985

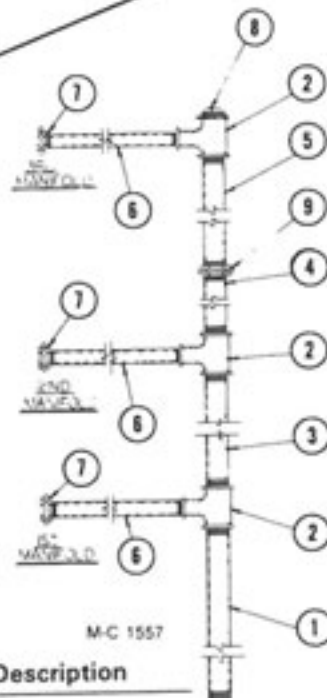


Ref.	Part No.	Qty.	Description
1	128 5492	1	2" x 36 1/2" Nipple
2	125 8014	3	2" x 2" x 1 1/4" Tee
3	120 8069	1	2" x 10" Nipple
4	128 5458	3	1 1/4" x 26" Nipple
5	125 8032	1	2" Union
6	128 5489	1	2" x 67" Nipple
7	123 8053	3	1 1/4" Union
8	125 8054	1	2" Pipe Plug

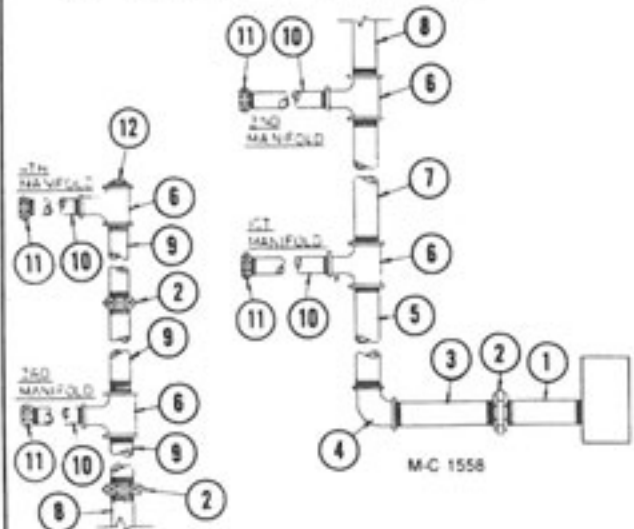
1180 ↓

Ref.	Part No.	Qty.	Description
1	128 5494	1	2" x 8" Nipple
2	125 8032	3	2" Union
3	128 5493	1	2" x 18" Nipple
4	128 8070	1	2" 90° Elbow
5	128 5492	1	2" x 36 1/2" Nipple
6	125 8014	4	2" x 2" x 1 1/4" Tee
7	120 8069	1	2" x 10" Nipple
8	128 5489	1	2" x 67 1/2" Nipple
9	125 8044	3	2" x 46" Nipple
10	128 5458	4	1 1/4" x 26" Nipple
11	123 8053	4	1 1/4" Union
12	125 8054	1	2" Pipe Plug

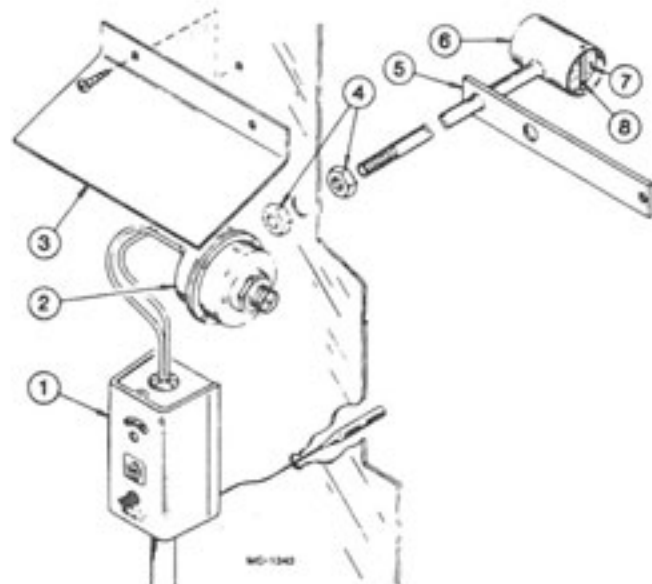
→ 1080



Ref.	Part No.	Qty.	Description
1	128 5492	1	2" x 36 1/2" Nipple
2	125 8014	3	2" x 2" x 1 1/4" Tee
3	120 8069	1	2" x 10" Nipple
4	128 5489	1	2" x 67 1/2" Nipple
5	125 8044	1	2" x 46" Nipple
6	128 5458	3	1 1/4" x 26" Nipple
7	123 8053	3	1 1/4" Union
8	125 8054	1	2" Pipe Plug
9	125 8032	1	2" Union

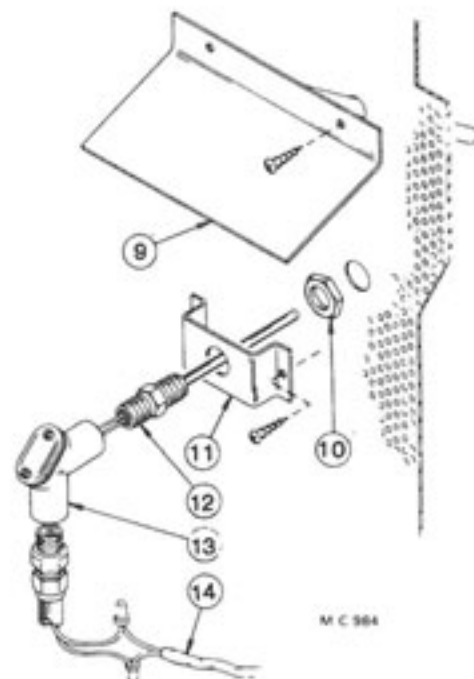


Moisture Control, Air Pressure and High Limit Switches



Air Pressure and High Limit Switches

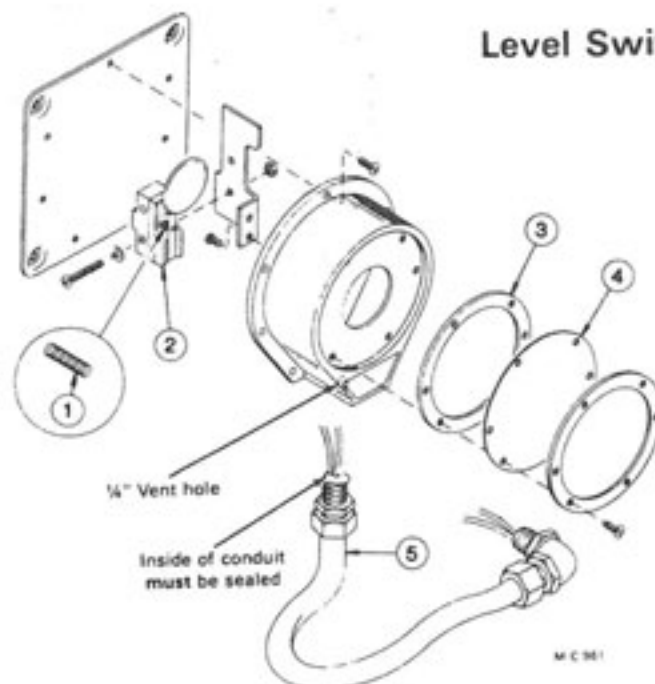
Ref.	Part No.	Description
1	124 6934	High Limit Switch - Adjustable-Manual Reset
2	121 6849	Air Pressure Switch
3	121 2946	High Limit Switch Cover
4	121 8000	Pipe Locknut - 1/4"
5	121 2007	Air Pressure Tube Brkt.
6	121 0169	Air Pressure Tube
7	121 5716	Air Pressure Tube Filter
8	-----	Filter Retainer (Wire)



Moisture Control Probe

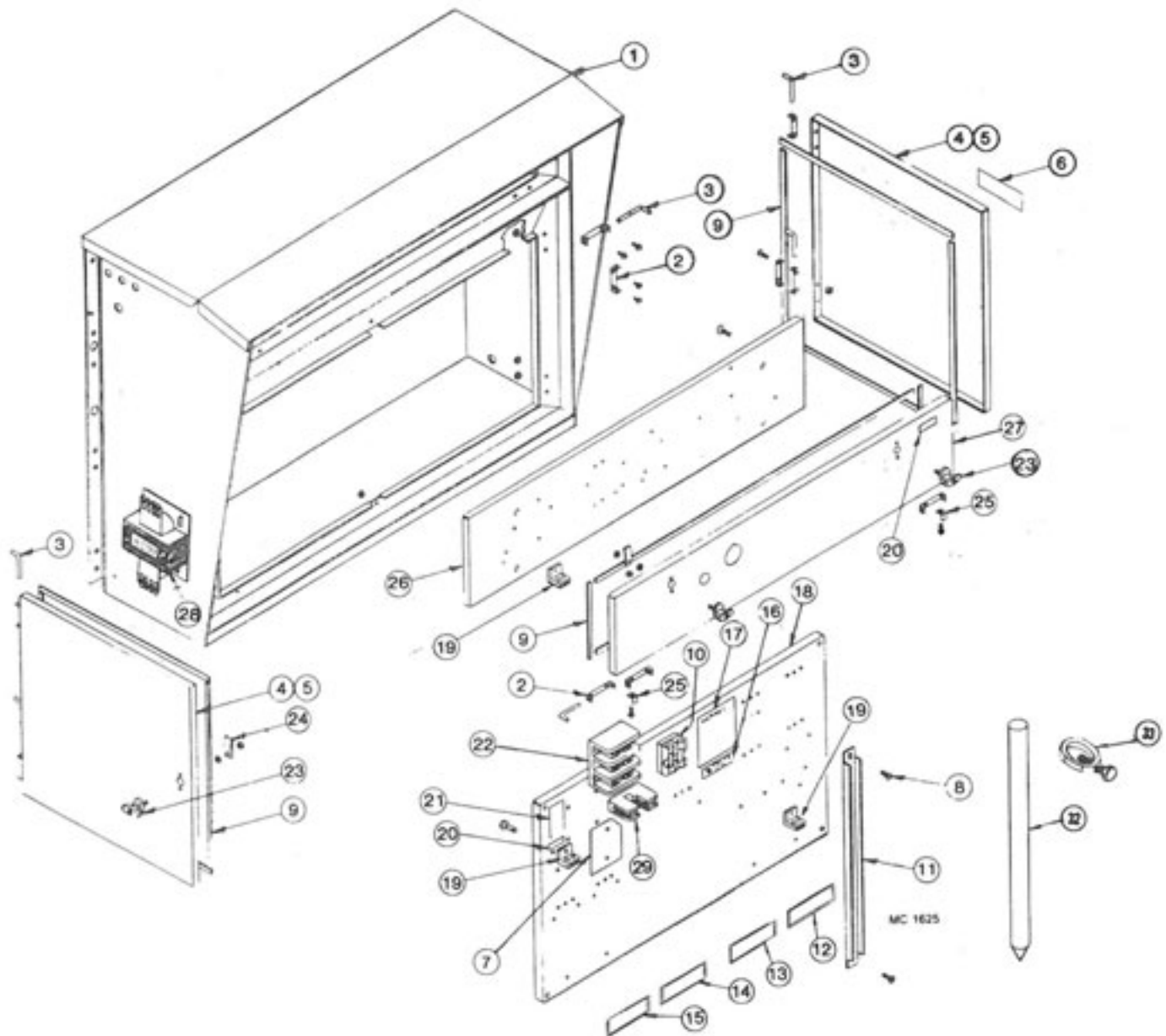
Ref.	Part No.	Description
9	121 0031	Moisture Control Shield
10	121 6915	Locknut - 1/2"
11	128 3007	Bracket
12	124 6893	Thermistor Sensor (Probe)
13	123 8089	1/2" Handy EI
14	125 6908	18/2 PVC Cord w/Shield

Level Switch Assembly



Ref.	Part No.	Qty.	Description
-	128 6992	1	Level Switch (Less Ref. 5)
1	122 6847	1	Spring
2	122 6848	1	Microswitch Assembly
3	122 6850	1	Gasket
4	122 6849	1	Diaphragm (Teflon)
5	128 1995	1	Level Switch Wire Assembly

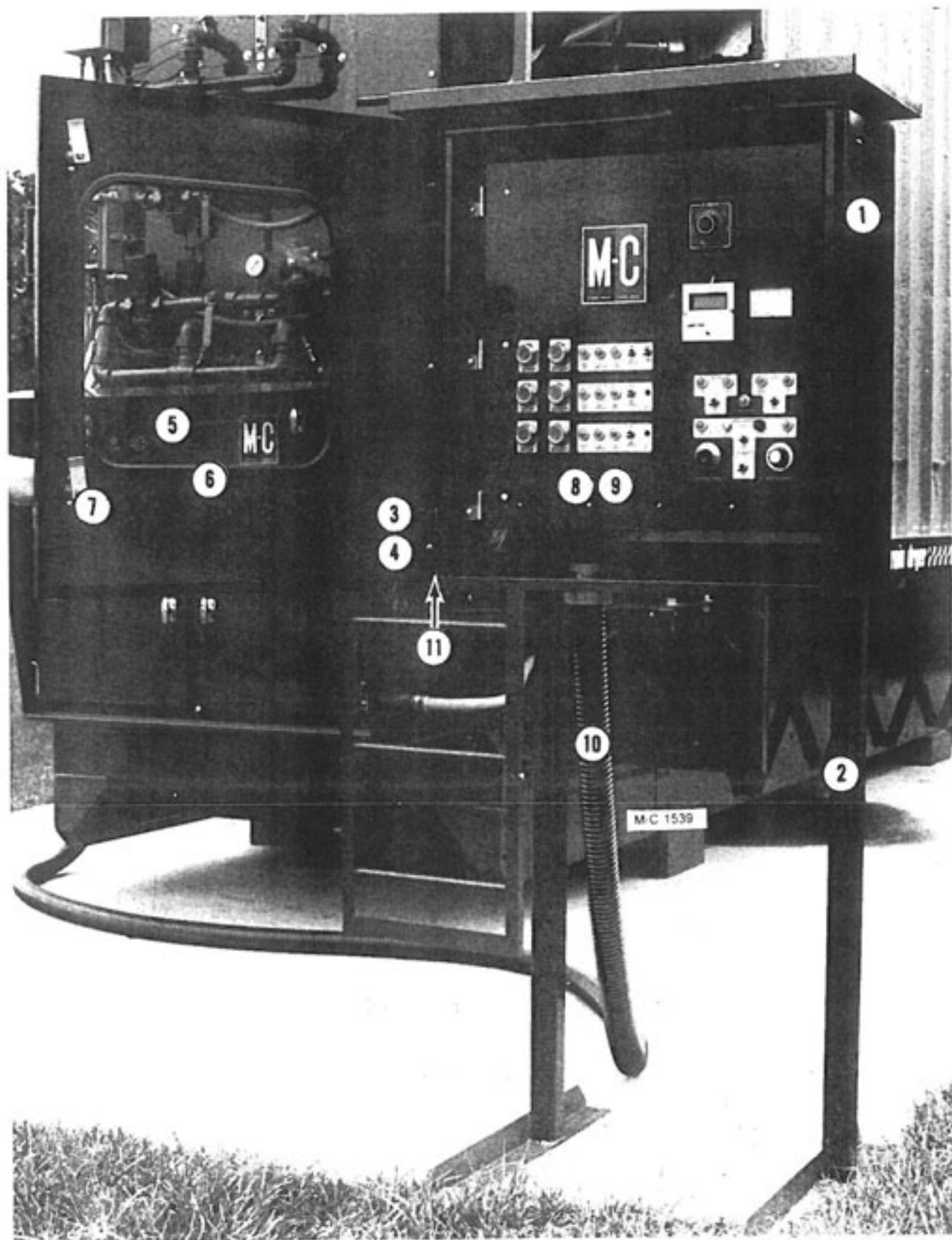
Base Section Control Cabinet



Base Section Control Cabinet

Ref.	Part No.	Qty.	Description
1	128 0306	1	Motor Control Cabinet Weldment
2	128 2740	12	Door Hinge
3	128 5201	6	Hinge Pin
4	128 1329	2	Door Assembly - Left & Right (include ref. 2, 5 & 9)
5	128 4844	2	Door - Left & Right
6	121 8316	1	Dryer Warning Decal
7	128 5789	2	Insulator Sheet (460 & 575V)
8	000 8103	2	5/16-18 x 1/2" Truss Head Screw
	000 8169	2	5/16-18 Flanged Locknut
9	121 8966	-	Weather Stripping 1/4" x 3/4" (specify feet required)
10	121 6988	2	Fuse Holder - 380, 415, 460 & 575V
	124 6870	2	FRS - 7 Amp Fuse (380V)
	124 6829	2	FRS - 4 Amp Fuse (415V)
11	128 4843	1	Door Jamb
12	121 8325	1	Upper Heat Fan Decal
13	121 8313	1	Heat Fan Decal
	121 8312	1	Cool Fan Decal
14	128 8335	1	Unload Auger Decal
15	121 8351	1	Level Auger Decal
16	123 8339	1	208 Volts Decal
	123 8336	1	230 Volts Decal
	123 8337	1	460 Volts Decal
	123 8338	1	575 Volts Decal
17	121 8315	1	Notice, Warranty Decal
18	124 4448	1	Component Mounting Panel
19	125 6918	2	Grounding Lug
20	128 8349	2	Ground Decal
21	128 8318	1	Splitter Block Voltage Decal
22	128 6957	1	Splitter Block - 1 & 3 Phase
23	124 1021	4	Door "T" Handle Assembly (incl. ref. 24 cam, keys and mounting hardware). Lever type handle no longer available.
	128 8946	4	Door "T" Handle w/Keys (less ref. 24 cam)
	122 8900	4	Door "T" Handle Key
24	128 3425	4	Door Latch Cam
25	128 2741	2	Stop Bracket
26	124 4806	1	Component Mounting Board
27	124 1130	1	Control Door Assembly
	124 1021	2	Door "T" Handle Assembly
28	127 6829	1	Transformer (750VA) 460/575V
	123 6902	1	Transformer (1000VA) 380/415V
29	127 6823	1	Neutral Lug
30	124 2855	1	Hour Meter Bracket (not shown)
31	444 645	1	Hour Meter (not shown)
32	124 6980	1	Grounding Rod 9/16" dia. x 8 ft. (14.3mm x 2.4m)
33	124 6979	1	Grounding Rod Ring

Remote Cabinet Assembly

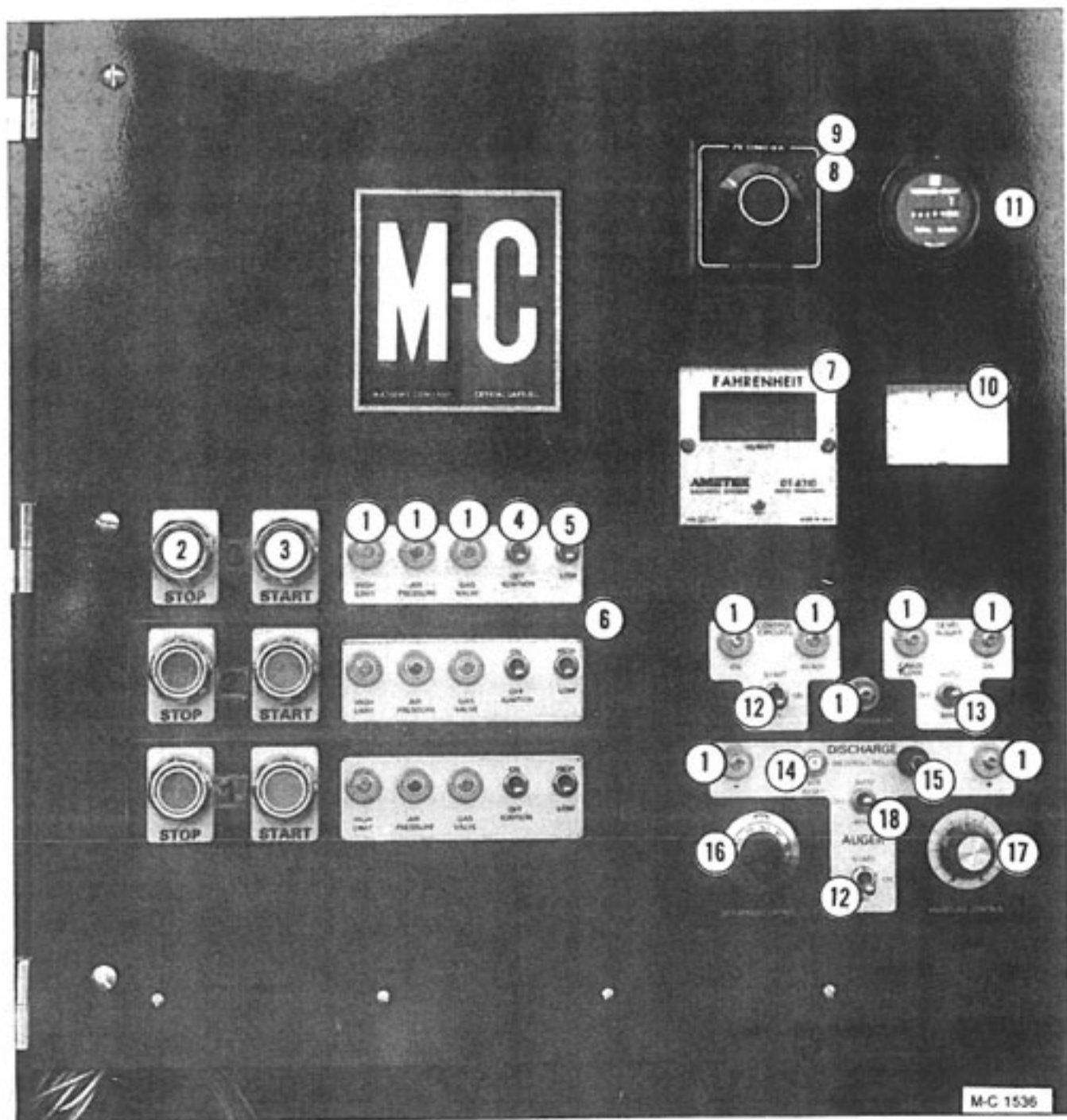


Model 985/1080 shown

Remote Cabinet Assembly

Ref.	Part No.	Qty.	Description
1	128 0321	1	Cabinet Weldment
2	128 0323	2	Remote Cabinet Stands
3	124 1117	1	Remote Cabinet Outer Door Assembly
4	124 4858	1	Remote Cabinet Outer Door
5	128 4943	1	Outer Door Window
6	128 8603	7	Weather Strip
7	124 1021	2	Door "T" Handle Assembly
8	124 1118	1	2-Fan Inside Control Door Assembly
	124 1156	1	3-Fan Inside Control Door Assembly
	124 1168	1	4-Fan Inside Control Door Assembly
9	124 4854	1	2-Fan Control Door (only)
	124 4859	1	3-Fan Control Door (only)
	124 4860	1	4-Fan Control Door (only)
10	124 1184	1	Standard Remote Cabinet Liquefite Assembly (without wire)
11	128 5829	1	Outer Door Hinge - 30"
12	444 645	1	Hour Meter

Remote Cabinet Inside Control Door

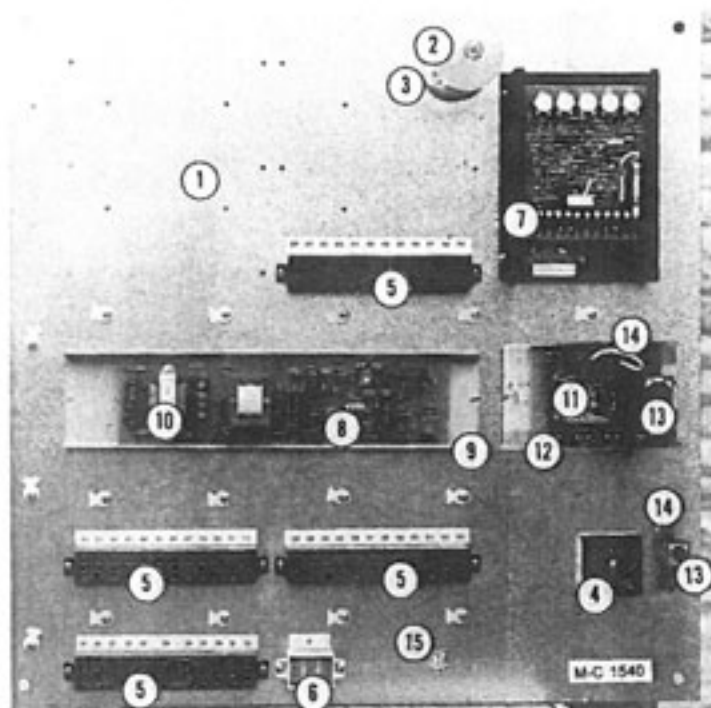


Model 985/1080 shown

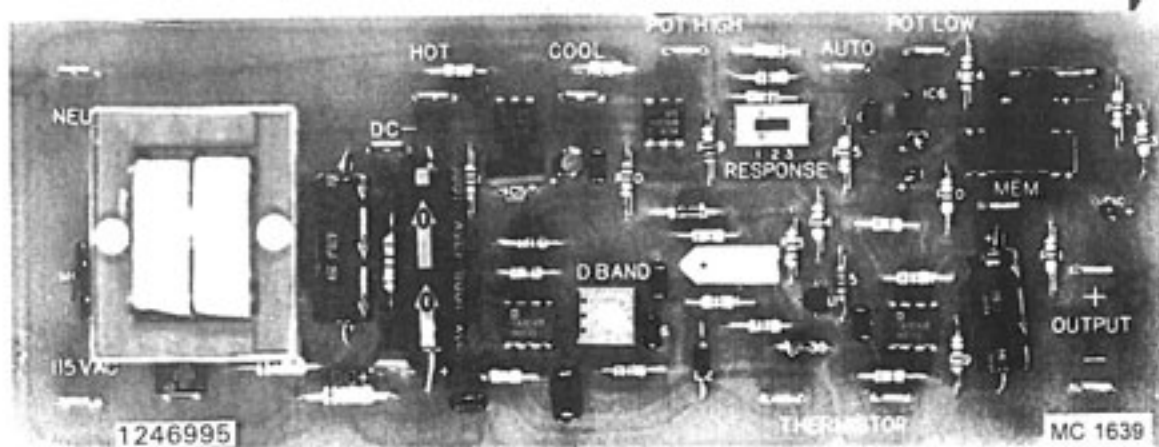
Remote Cabinet Inside Control Door

Ref.	Part No.	Qty.	Description
1	121 6808	-	125V Indicator Lamp Assembly
2	128 6845	-	Stop Button - Red
3	128 6844	-	Start Button - Green
4	121 6815	-	SPST On-Off Toggle Switch
5	124 6899	-	Hi/Low Toggle Switch
6	128 8358	-	Fan Control Bezel
7	124 6958	1	Digital Read-Out Meter
8	124 6959	1	Rotary Selector Switch-5
	124 6960	1	Rotary Selector Switch-8
9	124 6968	-	Extension Hook-Up Cable (not shown)
10	124 6981	1	Discharge Speed Meter
11	444 645	1	Hour Meter
12	120 6827	2	Off-On-On Momentary Contact Toggle Switch
13	121 6807	1	On-Off-On Toggle Switch DPDT (Level Switch)
14	124 6848	1	8 Amp Circuit Breaker (SCR Drive)
15	124 6938	1	Fuse Holder
	124 6937	1	1 Amp Fuse Slo-Blow
16	124 1266	1	SCR Drive Potentiometer (10 turn w/wires) 60" (152.5cm)
	124 6892	1	Multi Dial
17	124 6955	1	Moisture Control Potentiometer & Wires 60" (152.5cm)
	124 6941	1	Knob
18	124 6895	1	3PDT On-Off-On Toggle Switch (Discharge Switch)

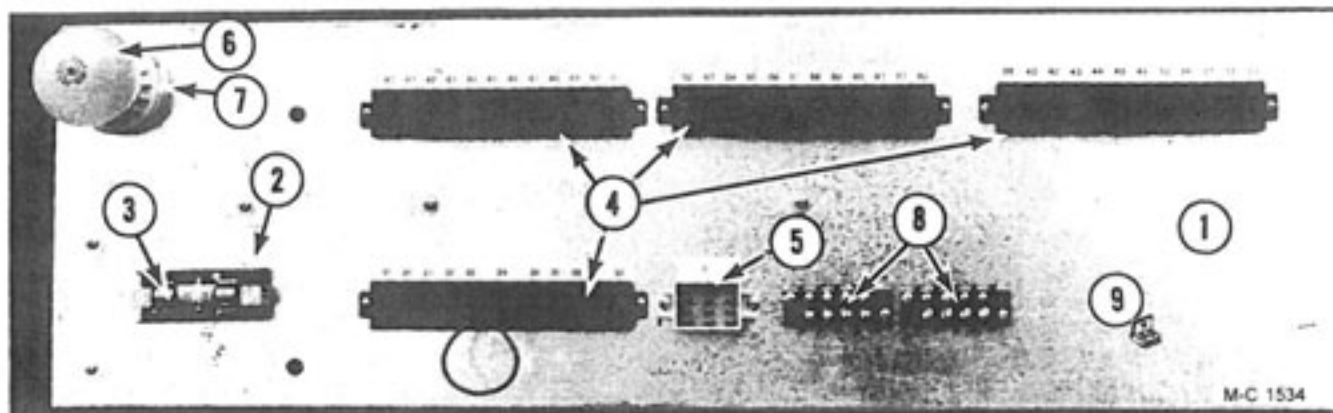
Remote Cabinet Component Mounting Assembly



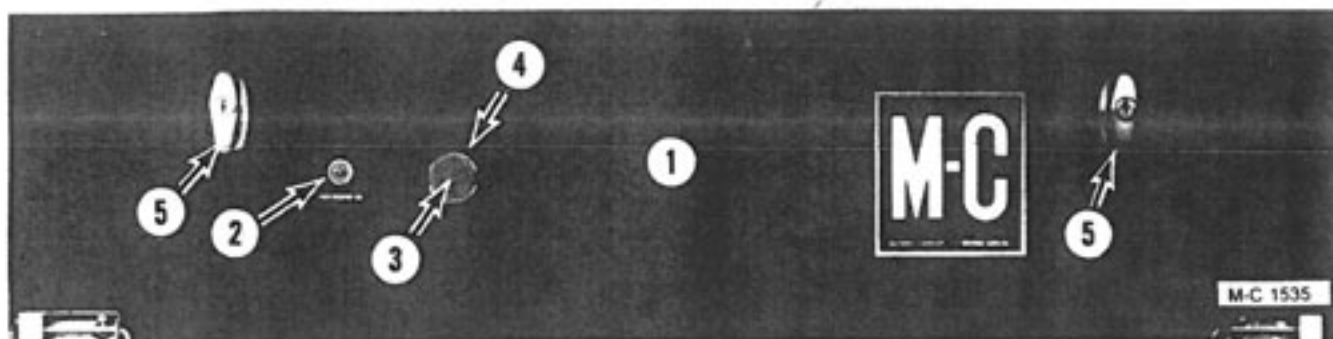
Ref.	Part No.	Description
1	124 2865	Component Mount Panel
2	124 6842	50 Watt Light Bulb-Rough Service
3	124 6841	Light Bulb Socket
4	124 6996	Adjustable Timer 0 to 3 Minutes
5	124 6928	Terminal Block 12-Position
6	124 6929	Terminal Block 3-Position
7	124 6874	SCR Board (1/2 HP DC)
8	124 6995	Moisture Control Board
9	128 5828	Snap Track
10	124 6966	8 DC Volt Power Supply for Digital Thermometers
11	021 6809	Main Relay
12	124 6972	Relay and Timer Socket starting with 55242
13	124 6978	60 Minute Adjustable Grain Flow or Cold Grain Timer
14	124 6987	Timer Base
15	125 6918	Ground Lug



Electrical Components In 115V Base Section Control Cabinet



Ref.	Part No.	Description
1	124 4771	Component Mounting Board
2	128 6851	Fuse Holder
3	128 6967	10 Amp Fuse (NON-10)
4	124 6928	Terminal Block 12-Position
5	124 6929	Terminal Block 3-Position
6	124 6842	50 Watt Light Bulb-Rough Service
7	124 6841	Light Bulb Socket
8	124 6970	Terminal Block (Digital Thermometers)
9	125 6918	Ground Lug

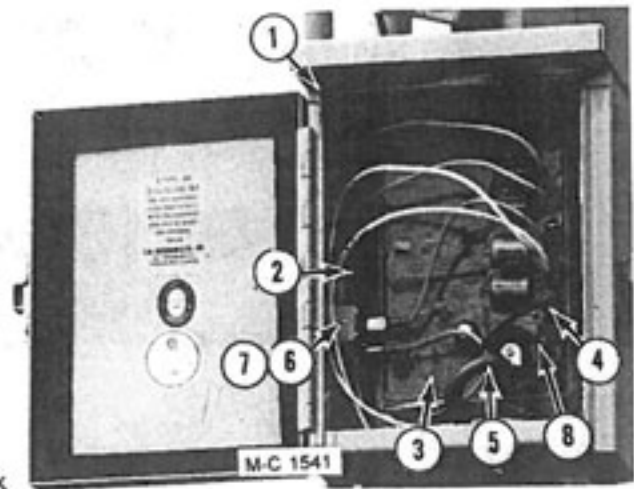


Ref.	Part No.	Description
1	124 4864	Control Door
2	121 6808	125V Indicator Lamp Assembly
3	124 6967	Safety Shut-Off Palm Switch
4	128 8379	"Stop" Legend Plate
5	124 1021	Door "T" Handle Assembly

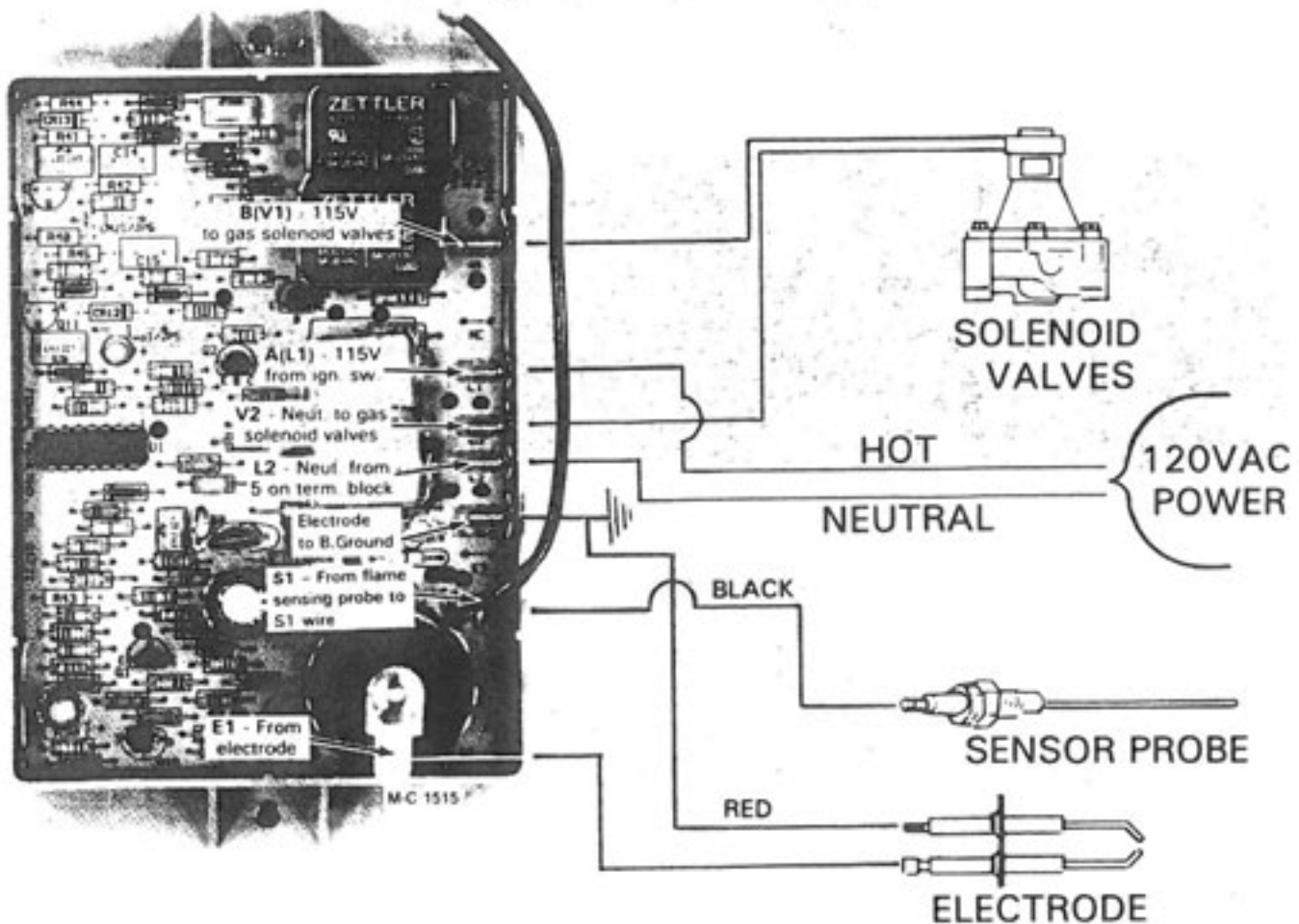
Ignition Board and Box

Ignition Board and Box

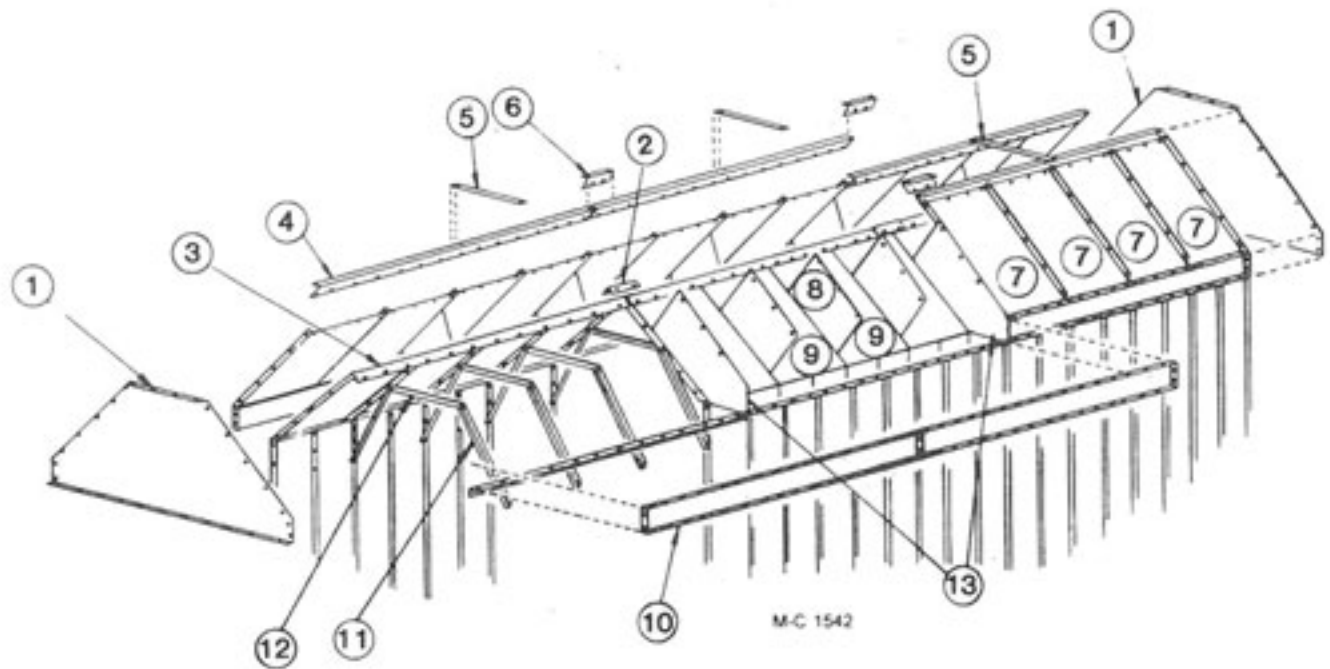
Ref.	Part No.	Qty.	Description
1	124 5705	1	Ignition Box
2	128 2938	1	Ignition Board Mt. Plate
3	124 6994	1	115V Ignition Board
4		1	Low Voltage Wire Kit 18 ga. Red (Electrode)
5	122 9003	1	High Voltage Wire Kit
6	121 6815	1	SPST On-Off Toggle Switch
7	128 8377	1	Ignition Switch Decal
8	124 1079	1	Low Voltage Wire Kit 18 ga. Black (Sensing Probe)



Ignition Board Wiring



Peak

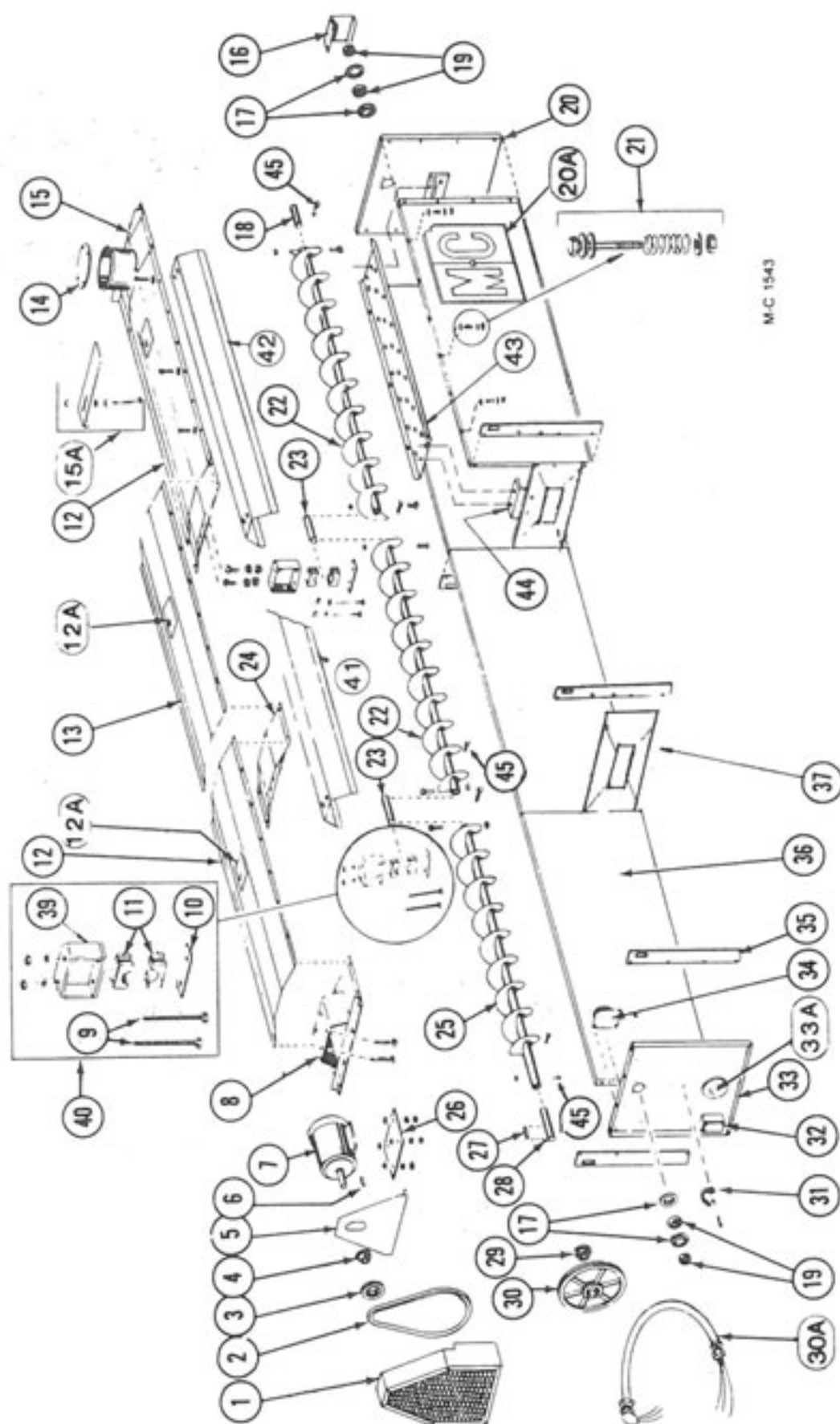


(4.9m) (3.7m)

Qty. Qty.

Ref.	Part No.	(16')	(24')	Description
1	129 2837	2	2	Peak Outer End Panel
2	128 3075	2	2	Seal Angle
3	128 2991	2	3	Peak Cap
4	128 2739	4	6	Hopper Mount Angle
5	129 2947	2	3	Stiffener Strap - 28" (71cm)
6	129 3070	2	4	Hopper Mount Angle Splice
7	-----	-	-	Outer Peak Panel
	129 2002	16	24	Aluminum (Std.) .094" (2.38mm)
	129 2950	16	24	Small Seed Aluminum .062" (1.59mm)
	124 2017	16	24	Canola (Galv.) .050" (1.27mm)
8	129 2830	12	18	Stiffening Divider
9	-----	-	-	Inner Peak Panel
	129 2000	16	24	Galvanized (Std.) .062" (1.59mm)
	124 2016	16	24	Canola (Galv.) .050" (1.27mm)
10	-----	-	-	Peak Channel
	129 2833	4	6	Aluminum (Std.) .094" (2.38mm)
	124 2015	4	6	Galvanized Small Seed/Canola .050" (1.27mm)
11	129 2001	14	22	Vertical Support Angle - 29 1/8" (75.2cm)
12	128 2012	7	11	Inner Peak Panel Cross Tie - 31 1/4" (79.4cm)
13	129 2840	2	4	Stiffening Divider Long

Hopper and Level Auger

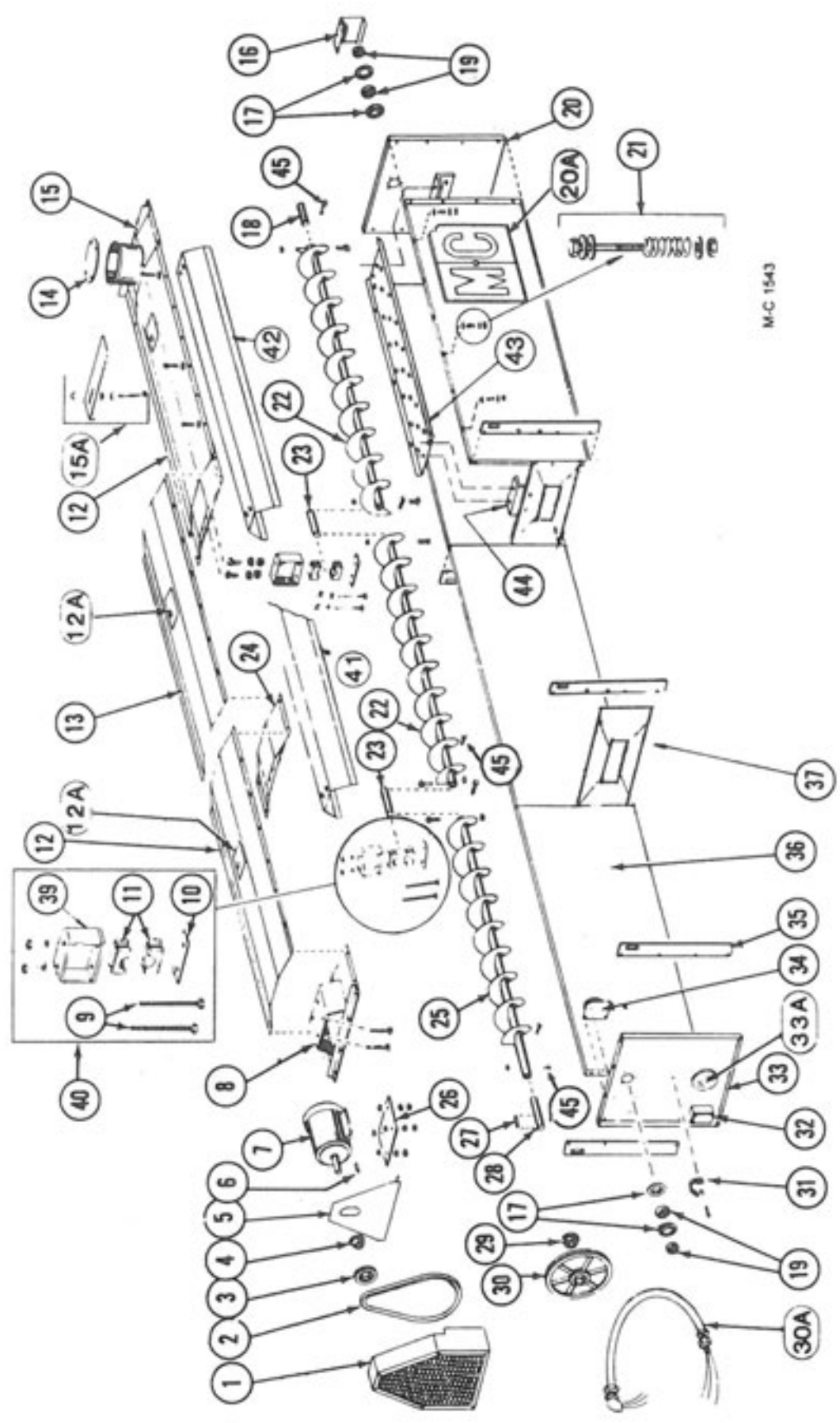


M-C 1543

Hopper and Level Auger

Ref.	Part No.	Qty (16') (24')	Description	Ref.	Part No.	Qty (16') (24')	Description
1	129 0003	1	Level Auger Guard	13	129 2946	-	Hopper Cover - Center 83" (211cm)
2	128 6103	1	2/3V/710 (banded belt) or 128 6104 in matched set of two	14	129 4204	1	Receiving Tube Cover
3	128 6207	1	3V/3.65 x 2 Groove Pulley 60 Cycle	15	129 0002	1	Receiving Hopper
	128 6220	1	3V/4.5 X 2 Groove Pulley 50 Cycle	15A	129 4205	1	Flow Restrictor
4	128 6214	1	1 1/2" (28.6mm) SH Bushing for 3HP & 5HP motor (incl. capscrews & lockwashers)		129 5703	1	Position & Locking Bolt
					000 8168	3	3/16-16 Flanged Locknut
5	129 4944	1	Level Auger Guard Back	16	129 4947	1	Stub Guard
6	001 5119	1	Key - 1/4" x 1/2" x 2" (6.35x6.35x51mm)	17	001 6004	4	Bearing Flangette 1 1/4" (31.75mm)
			3HP & 5HP motors	18	128 5052	1	Level Auger Rear Shaft 1 1/4" x 8" (31.75 x 203mm)
7	128 6818	1	3HP 30 Motor 230/380/460V	19	001 6003	2	Bearing w/Lock Collar 1 1/4" (31.75mm)
	128 6815	-	5HP 30 Motor 230/380/460V	20	129 2848	1	Hopper End Panel - Rear w/View Lens
8	129 0001	1	Level Auger Motor Mount				
9	001 8287	2	3/8"-16 x 3 3/4" (9.5 x 95.2mm) Capscrew - Grade 5	20A	121 8343	2	M-C Decal 26 1/2" x 23" (67x60cm)
	000 8162	4	3/16-16 Hex Nut	21	000 8101	12	3/4-20x2" (6.35x51mm) Capscrew
10	128 3415	1	Bearing Hanger Bar		131 8718	12	Spring 5/8" OD x 1 1/4" (15.9 x 44.5mm) Plated
11	128 6021	1	Wood Bearing - 1 1/4" (31.75mm) 2 halves		000 8172	36	5/8" (6.35mm) Flatwasher
12	129 2945	2	Hopper Cover - Front & Rear 76" (193cm)		000 8210	12	3/4-20 Two-Way Locknut
12A	128 8355	2	Warning Decal				

Hopper and Level Auger

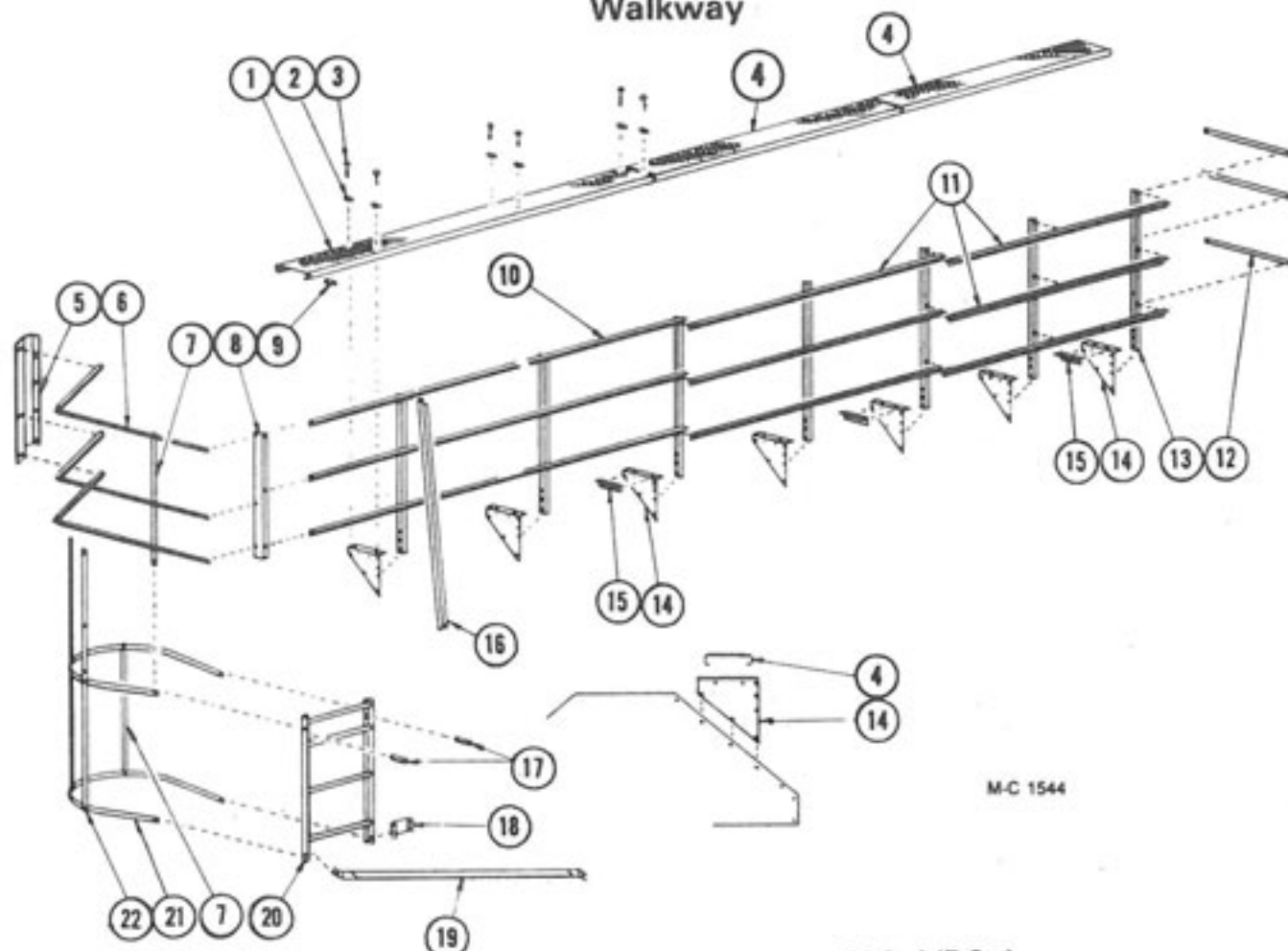


M-C 1543

Hopper and Level Auger

Ref.	Part No.	Qty (16') (24')	Description	Ref.	Part No.	Qty (16') (24')	Description
22	128 0122	1	2 Level Auger 93 1/2" (238cm)	33	129 2835	1	Hopper End Panel - Front
			RH Flighting	33A	129 5702	1	Port View Lens
23	128 5050	1	2 Level Auger Center Shaft	34	128 6992	1	Level Switch Indicator (See pg. 57)
			1 1/4" x 10 1/4" (3.175 x 26cm)	35	129 3412	4	Lifting Bar
24	129 0000	1	2 Level Auger Support	36	129 2836	4	Hopper Side
25	128 0317	1	1 Level Auger 86" (218cm)	37	129 2715	1	Hopper Sectional Panel
			RH Flighting	38	129 2603	6	Hopper Brace
26	129 4202	1	1 Level Auger Motor Mount Plate	39	128 0292	1	Level Auger Brg. Support Bracket
	000 8161	4	4 1/2-13 x 3 1/2" (12.7 x 89mm)		001 8209	2	3/8-16 x 1" (9.5 x 25.4mm)
			Capscrew (Full Thread)				Hex Washer Head Bolt - Grade 5
	000 8170	4	4 1/2-13 (12.7mm) Flanged Locknut		001 8139	2	3/8" (9.5mm) Lockwasher
	000 8163	8	8 1/2-13 (12.7mm) Hex Nut		000 8162	2	3/8-16 (9.5mm) Hex Nut
27	001 5120	1	1 Key-1/4" x 1 1/2" (6.35 x 38.1mm)				Level Auger Bearing Kit
28	128 5051	1	1 Level Auger Front Shaft	40	122 1008	1	(Incl. Ref. 9, 10, 11 & 39 in quantities reqd. for one bearing)
			1 1/4" x 10" (3.175 x 25.4cm)				Auger Cover Long
29	121 6241	1	1 1/4" (31.75mm) SK Bushing -	41	129 2839	-	Auger Cover Short
			Incl. capscrews & lockwashers	42	129 2838	1	Pan Under Auger
30	128 6208	1	1 3V/19.0 x 2 Groove Pulley	43	128 2761	1	Auger Pan Support Bracket
30A	128 1960	1	1 Flexible Conduit w/Wires	44	128 2760	2	3/8"-16 x 2" (9.5 x 50mm)
31	128 8951	1	1 Rubber Strap w/Hook	45	001 8137	8	Capscrew - Grade 5
32	128 6922	1	1 Slatter Box 1/2" (12.7mm)		001 8149	8	3/8"-16 (9.5mm) Two-Way Locknut

Walkway

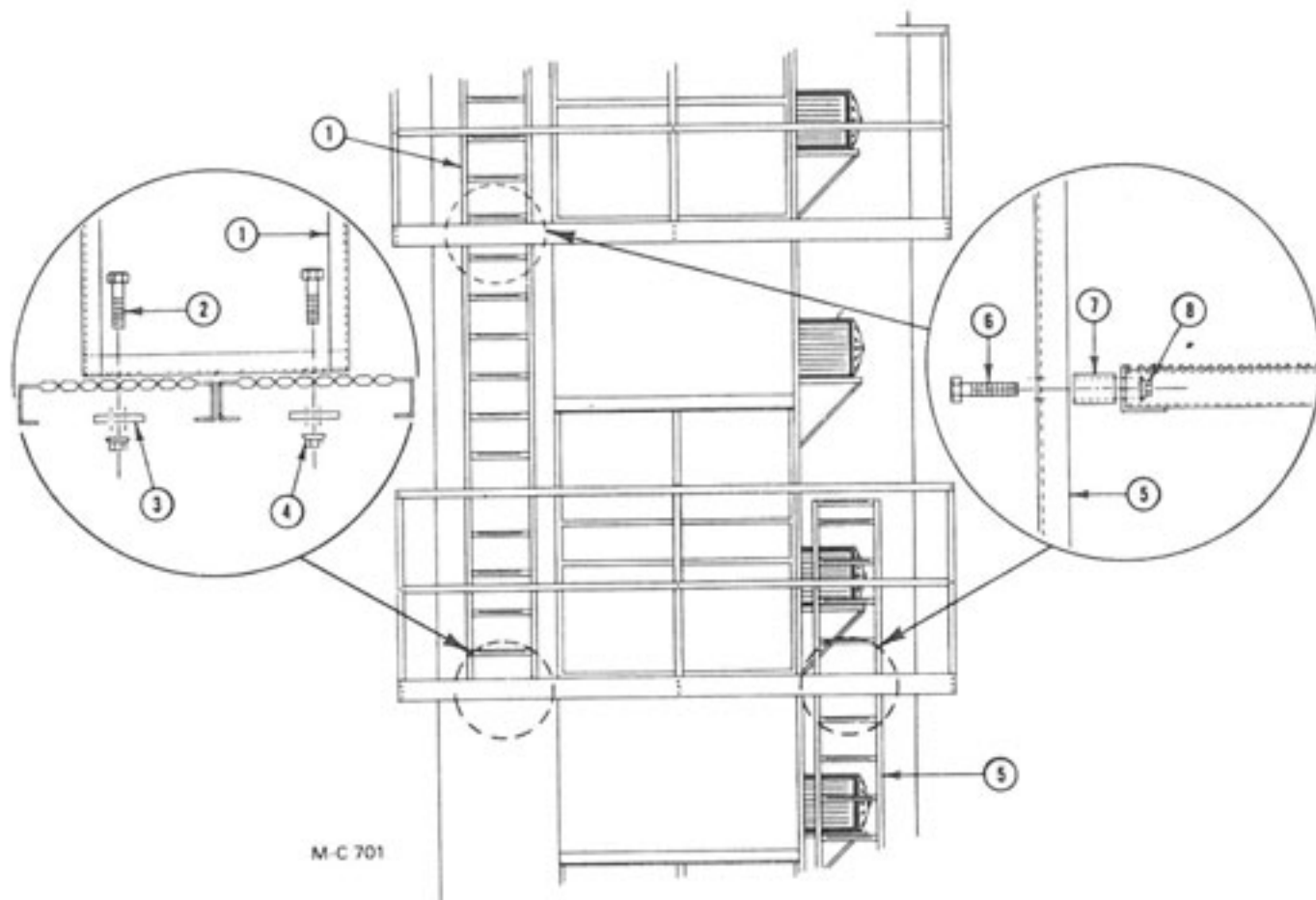


M-C 1544

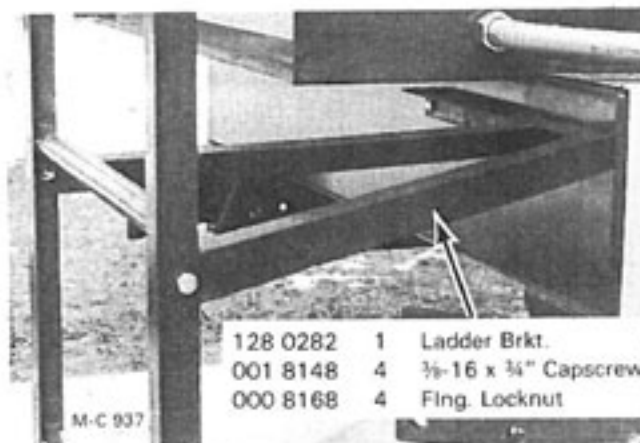
(4.9m) (7.3m)					(4.9m) (7.3m)				
		Qty. Qty.		Description			Qty. Qty.		Description
Ref.	Part No.	(16')	(24')		Ref.	Part No.	(16')	(24')	
1	129 5701	1	1	Walkway Grating - 10' (3.3m)	11	129 2004	3	6	Standard Guard Rail - 97 1/2" (248cm)
2	120 8994	12	18	Walkway Grating Anchor Clip	12	129 2008	3	3	Short Guard Rail - 23" (58cm)
3	001 8276	12	18	5/16-18 x 3" (7.9mm x 7.6cm) Carriage Bolt	13	129 2015	5	7	Guard Rail Brace - 49 1/2" (126cm)
	000 8169	12	18	5/16-18 Flanged Locknut	14	129 2600	5	7	Bridge Support
4	129 8700	1	2	Walkway Grating - 8' (2.4m) See Note	15	129 2602	2	3	Walkway Grating Support
					16	129 2007	1	1	Walkway Leg - 60 1/2" (153cm)
5	124 2600	1	1	Walkway Rail Bracket					
6	129 2003	3	3	Strengthening Rail - 67 1/4" (170cm)	17	129 5405	2	2	Ladder Mount Stand-Off 3/8" x 3 1/4" (9.5mm x 8cm)
7	129 2011	2	2	Ladder Cage Strap - 35 1/2" (90cm)		000 8257	2	2	3/8-16 x 5" (9.5mm x 13cm) Capscrew - Full Thread
8	129 2601	1	1	End Rail Support - 39 1/2" (100cm)		000 8168	2	2	3/8-16 Flanged Locknut
9	129 5406	1	1	Walkway Stand-Off 3/8"x1 1/4" (9.5 x 3.17mm)	18	128 2660	1	1	Ladder Mounting Bracket
					19	128 2661	1	1	Ladder Mounting Angle - 33 1/2" (84cm)
10	129 2006	3	3	Guard Rail - 122" (310cm)	20	129 0004	1	1	Ladder - 3' (91cm)
					21	128 2015	2	2	Ladder Cage Hoop
					22	129 2014	2	2	Walkway Cage Strap - 67 1/4" (170cm)

NOTE: One 8' (2.4m) and two 10' (3.3m) pieces used on 1080 & 1180 when equipped with the (optional) Walkway Front Access.

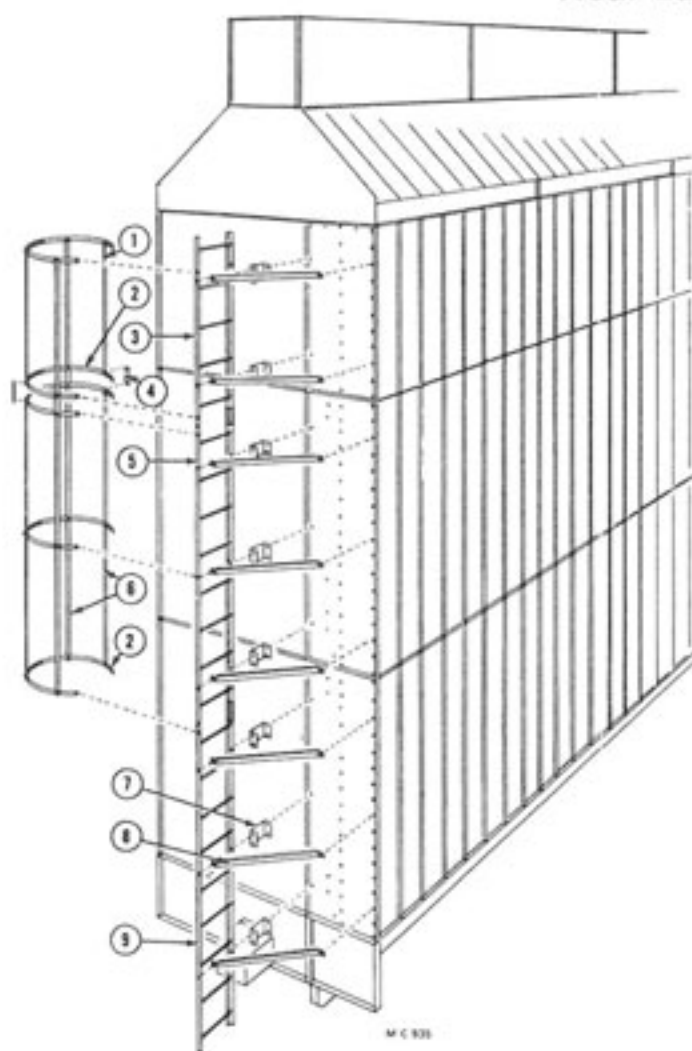
Service Platform Ladder(s)



Ref.	Part No.	Qty.	Description
1	120 0045	1	Upper Platform Ladder - 11½' (Not on 875 or 1175)
2	000 8123	2	¾-16 x 1¼" Capscrew
3	128 4525	2	Flatwasher ¾ x 2" OD
4	000 8168	2	¾-16 Flanged Locknut
5	120 0044	1	Lower Platform Ladder - 14½'
6	000 8226	2	¾-16 x 2" Capscrew
7	091 5427	2	Spacer - 1" Long
8	000 8168	2	¾-16 Flanged Locknut



Rear Ladders



Top 5 ft. (1.52m)

Module

985

Top or Middle

8 ft. (2.44m)

Module

Base Section

8 ft. (2.44m)

Ref.	Part No.	Description
1	129 2010	Ladder Cage Strap - 5 ft.
2	128 2015	Ladder Cage Hoop
3	129 0005	Ladder - 5 ft.
4	128 2019	Ladder Cage Tie
5	128 0161	Ladder - 8ft.
6	128 2016	Ladder Cage Strap - 8ft.
	128 2017	Ladder Cage Strap - 9ft.
7	128 2660	Ladder Mtg. Brkt.
8	128 2661	Ladder Mounting Angle
9	128 0163	Ladder 9 ft.
—	000 8121	3/8-16 x 1" Capscrew
—	000 8119	3/8-16 x 3/4" Capscrew
—	000 8168	3/8-16 Flanged Locknut

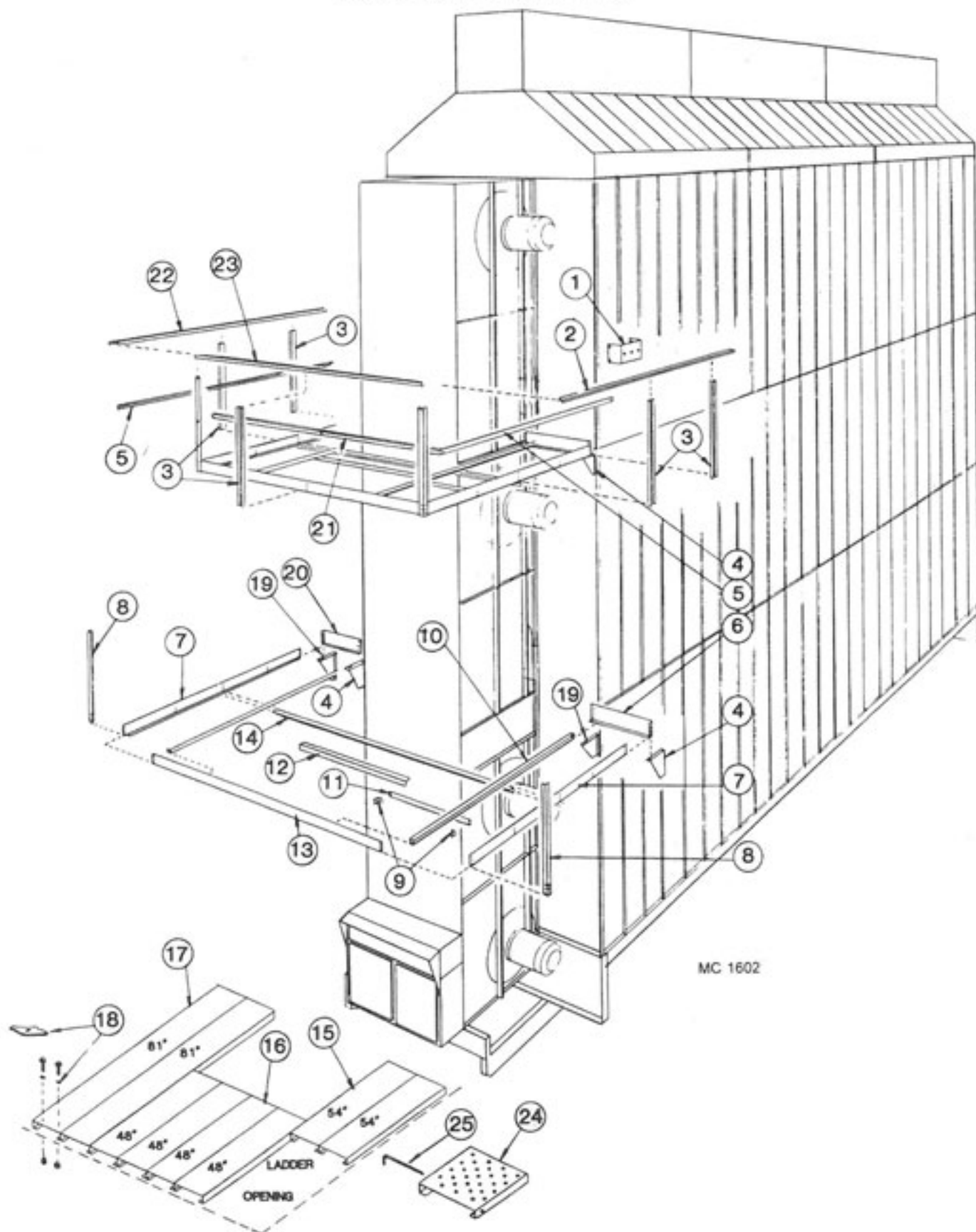
Service Platform

(Quantity is for Single Platform)

Ref.	Part No.	Qty.	Description	Ref.	Part No.	Qty.	Description
1	120 2614	2	"U" Bracket	18	120 8994	32	Grating Anchor Clip
2	120 2607	1	Side Hand Rail - Left (104-11/16")	19	120 4314	2	Support Gusset - Right
3	120 2611	5	Center and End Post (45 7/8")	20	120 2617	2	End Flange - Right
4	120 4315	2	Support Gusset - Left	21	120 2608	1	Front Kick Rail (96")
5	120 2610	2	Side Kick Rail	22	120 2615	1	Side Hand Rail - Right (104-11/16")
6	120 2618	2	End Flange - Left	23	120 2612	1	Front Hand Rail (100")
7	120 2601	2	Side Toe Guard (81 1/4")	24	124 2602	1	Flip Door for Ladder Access Hole
8	120 2609	2	Corner Brace (44")	25	128 5203	1	Hinge Rod for 124 2602
9	120 2605	2	Small Corner Clip	—	000 8104	77	5/16-18 x 3/4" Truss Hd. Screw
10	120 2602	2	Inside Support Angle (84 7/8")	—	001 8276	32	5/16-18 x 3" Carriage Bolt
11	120 2603	1	Opening Flange (23 3/4")	—	000 8109	14	5/16-18 x 1 1/4" Capscrew
12	120 2613	1	Center Angle (52 1/2")	—	000 8169	123	5/16-18 Flanged Locknut
13	120 2606	1	Front Toe Guard (96")	—	000 8134	10	3/8-16 x 3/4" Truss Head Screw
14	120 4313	1	Support Angle (96")	—	000 8289	6	3/8-16 x 1 1/2" Capscrew
15	120 8702	2	Medium Floor Plank (54")	—	000 8168	22	3/8-16 Flanged Locknut
16	120 8704	4	Short Floor Plank (48")	—	133 8161	4	1/2-13 x 1 1/2" Capscrew
17	120 8700	2	Long Floor Plank (81")	—	000 8170	4	1/2-13 Flanged Locknut

Service Platform

Model 985-1080 & 1180



DRYER MOTORS, CIRCUIT BREAKERS AND MAGNETIC STARTERS

MOTOR			CIRCUIT BREAKER			MAGNETIC STARTER			
HP	*FLA	Part No.	Part No.	Amps	Sq."D" No.	Starter Part No.	Sq."D" No.	Thermal Unit Part No.	Thermal Unit Size

200/208V - 3 PHASE - 60 HZ

□ 1.5	5.98	127 6833	128 6882	15	QOU 315	124 6931	DPS033	128 6947	B 9.10
‡ 1.5	5.98	127 6861	128 6882	15	QOU 315	124 6931	DPS033	128 6947	B 9.10
2	7.82	127 6841	128 6882	15	QOU 315	124 6931	DPS033	128 6863	B 11.5
3	11.0	127 6832	124 6875	20	QOU 320	124 6931	DPS033	128 6823	B 17.5
5	17.5	127 6843	124 6876	35	QOU 335	124 6931	DPS033	120 6857	B 32
7.5	25.3	127 6858	124 6904	50	QOU 350	124 6930	DPS053	128 6979	B 40
10	32.2	203 6809	125 6912	60	QOU 360	124 6930	DPS053	128 6950	B 50
15	48.3	126 6854	128 6885	90	QOU 390	124 6930	DPS053	128 6953	B 79
20	62.1	127 6853	128 6966	100	QOU 3100	124 1082	DPA73	128 6827	CC 87.7
25	67.0	127 6852	128 6887	110	Q2L 3110	124 1082	DPA73	120 6844	CC 103
30	80.0	127 6859	124 6906	125	Q2L 3125	124 1083	DPA93	128 6954	CC 132

230V - 1 PHASE - 60 HZ

□ 1.5	8.3	121 6846	128 6878	20	QOU 220	124 6931	DPS033	128 6863	B 11.5
‡ 1.5	10.6	127 6863	128 6878	20	QOU 220	124 6931	DPS033	120 6850	B 15.5
2	12.3	121 6862	124 6903	25	QOU 225	124 6931	DPS033	128 6949	B 19.5
3	20.0	128 6829	124 6909	40	QOU 240	124 6931	DPS033	120 6857	B 32
5	28.0	201 6815	128 6880	60	QOU 260	124 6930	DPS053	128 6979	B 40
† 7.5	38.5	124 6816	124 6908	80	QOU 280	124 6930	DPS053	124 6910	B 66
† 7.5	38.5	124 6888	124 6908	80	QOU 280	124 6930	DPS053	124 6910	B 66
10	45.0	124 6818	128 6881	90	QOU 290	124 6930	DPS053	128 6953	B 79
20	92.0	124 6879	124 6881	125	Q2L 2125	124 1083	DPA93	128 6820	CC 156

230V - 3 PHASE - 60 HZ

□ 1.5	5.0	121 6845	128 6882	15	QOU 315	124 6931	DPS033	120 6851	B 7.70
‡ 1.5	5.0	127 6860	128 6882	15	QOU 315	124 6931	DPS033	120 6851	B 7.70
2	6.0	121 6861	128 6882	15	QOU 315	124 6931	DPS033	128 6947	B 9.10
3	9.0	128 6818	128 6882	15	QOU 315	124 6931	DPS033	125 6931	B 14.0
5	13.8	128 6815	124 6907	25	QOU 325	124 6931	DPS033	120 6855	B 25
7.5	20.6	121 6948	128 6968	40	QOU 340	124 6931	DPS033	128 6946	B 36
10	27.2	201 6818	125 6912	60	QOU 360	124 6930	DPS053	120 6853	B 45
15	39.2	201 6819	128 6891	80	QOU 380	124 6930	DPS053	128 6978	B 70
20	49.6	125 6934	128 6885	90	QOU 390	124 1082	DPA73	128 6972	CC 74.6
25	61.0	201 6842	128 6966	100	QOU 3100	124 1082	DPA73	128 6827	CC 87.7
30	73.0	128 6986	128 6887	110	QL2 3110	124 1083	DPA93	128 6820	CC 156

*IF FLA (Full Load Amps) shown does not match FLA imprinted on motor name plate, refer to Square D charts for correct thermal unit size.

□ - 5/8" shaft

‡ - 7/8" shaft

† - 124 6816 has 1 3/8" shaft. 124 6888 has 1 1/8" shaft.

DRYER MOTORS, CIRCUIT BREAKERS AND MAGNETIC STARTERS

MOTOR			CIRCUIT BREAKER			MAGNETIC STARTER			
HP	*FLA	Part No.	Part No.	Amps	Sq."D" No.	Starter Part No.	Sq."D" No.	Thermal Unit Part No.	Thermal Unit Size

380V - 3 PHASE - 50 HZ

1.5	2.9	127 6860	128 6931	15	FAL 36015	124 6931	DPS033	128 6951	B 6.25
**1.5	2.9	123 6876	128 6931	15	FAL 36015	124 6931	DPS033	128 6951	B 6.25
2	3.7	121 6861	128 6931	15	FAL 36015	124 6931	DPS033	120 6845	B 6.90
**2	3.7	124 6867	128 6931	15	FAL 36015	124 6931	DPS033	120 6845	B 6.90
3	5.2	128 6818	128 6931	15	FAL 36015	124 6931	DPS033	128 6947	B 9.10
15	23.0	201 6819	128 6937	60	FAL 36060	124 6930	DPS053	120 6853	B 45
20	30.5	125 6842	124 6905	70	FAL 36070	124 6930	DPS053	128 6950	B 50
25	35.9	128 6986	125 6929	80	FAL 36080	124 6930	DPS053	128 6983	B 56

460V - 3 PHASE - 60 HZ

□ 1.5	2.5	121 6845	128 6931	15	FAL 36015	124 6931	DPS033	128 6984	B 3.00
‡ 1.5	2.5	127 6860	128 6931	15	FAL 36015	124 6931	DPS033	128 6984	B 3.00
2	3.0	121 6861	128 6931	15	FAL 36015	124 6931	DPS033	128 6948	B 4.15
3	4.5	128 6818	128 6931	15	FAL 36015	124 6931	DPS033	120 6845	B 6.9
5	6.9	128 6815	128 6931	15	FAL 36015	124 6931	DPS033	128 6952	B 10.2
7.5	10.3	121 6948	128 6933	20	FAL 36020	124 6931	DPS033	128 6823	B 17.5
10	13.6	201 6818	125 6928	30	FAL 36030	124 6931	DPS033	120 6855	B 25.0
15	19.6	201 6819	128 6930	40	FAL 36040	124 6930	DPS053	128 6946	B 36
20	24.8	125 6934	128 6937	60	FAL 36060	124 6930	DPS053	120 6853	B 45
25	31	201 6842	124 6905	70	FAL 36070	124 6930	DPS053	128 6983	B 56
30	37	128 6986	125 6929	80	FAL 36080	124 6930	DPS053	128 6978	B 70

575V - 3 PHASE - 60 HZ

□ 1.5	2	127 6815	128 6931	15	FAL 36015	124 6931	DPS033	128 6984	B 3.00
‡ 1.5	2	127 6862	128 6931	15	FAL 36015	124 6931	DPS033	128 6984	B 3.00
2	2.4	127 6816	128 6931	15	FAL 36015	124 6931	DPS033	120 6848	B 3.70
3	3.6	127 6814	128 6931	15	FAL 36015	124 6931	DPS033	120 6829	B 5.50
5	5.5	127 6847	128 6931	15	FAL 36015	124 6931	DPS033	128 6985	B 8.20
7.5	8.2	127 6828	128 6931	15	FAL 36015	124 6931	DPS033	128 6863	B 11.5
10	10.8	127 6857	128 6933	20	FAL 36020	124 6931	DPS033	128 6823	B 17.5
15	15.6	127 6845	125 6928	30	FAL 36030	124 6931	DPS033	128 6971	B 28
20	19.8	127 6844	128 6930	40	FAL 36040	124 6931	DPS033	128 6946	B 36
25	25	127 6846	128 6937	60	FAL 36060	124 6930	DPS053	120 6853	B 45
30	30	124 6902	128 6937	60	FAL 36060	124 6930	DPS053	128 6983	B 56

*If FLA (Full Load Amps) shown does not match FLA imprinted on motor name plate, refer to Square D charts for correct thermal unit size.

**"C" Face

□ - 5/8" shaft

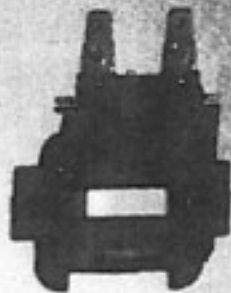
‡ - 7/8" shaft

115V COILS AND INTERLOCKS

STARTER		COIL		INTERLOCK	
Sq. "D" No.	M-C No.	M-C No.	Sq. "D" No.	M-C No.	Sq. "D" No.
DPA73	124 1082	122 6861	9998-DA3V02	124 6933	9999-D-20
DPA93	124 1083	122 6861	9998-DA3V02	124 6933	9999-D-20
DPS053 (50) HZ	124 6930	122 6860	9998-DA1V02	124 6933	9999-D-20
DPS033 (50) HZ	124 6931	122 6860	9998-DA1V02	124 6933	9999-D-20
DPS033 (60) HZ	124 6931	122 6860	9998-DA1V02	124 6933	9999-D-20
DPS053 (60) HZ	124 6930	122 6860	9998-DA1V02	124 6933	9999-D-20

JUMPER STRAP KITS AND CONTACT KITS

STARTER		JUMPER STRAP KIT (2 straps per kit)		CONTACT KIT	
Sq. "D" No.	M-C No.	M-C No.	Sq. "D" No.	M-C No.	Sq. "D" No.
DPA73	124 1082	124 6885	9998-S032	122 6863	9998-DRC7
DPA93	124 1083	124 6885	9998-S032	122 6864	9998-DRC9
DPS033 (50) HZ	124 6931	120 6841	9998-S031		
DPS053 (50) HZ	124 6930	120 6841	9998-S031	122 6862	9998-DRC5
DPS033 (60) HZ	124 6931	120 6841	9998-S031		
DPS053 (60) HZ	124 6930	120 6841	9998-S031	122 6862	9998-DRC5



Magnetic
Coil



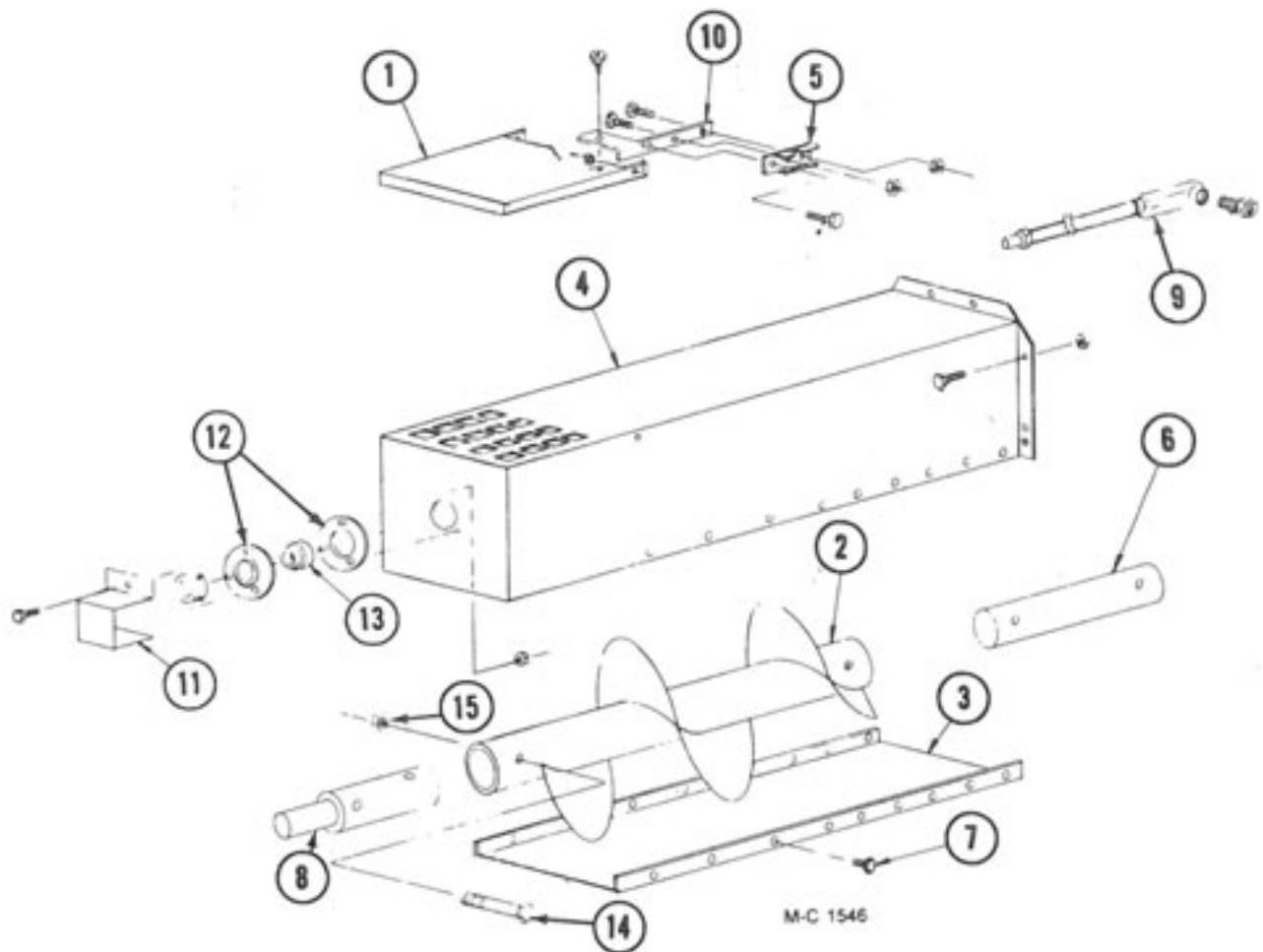
Interlock



Thermal
Unit

M-C 1402

**10" Unloading Auger Extension Kit (2') - 127 1229,
(4') - 127 1230, and (6') - 127 1233**

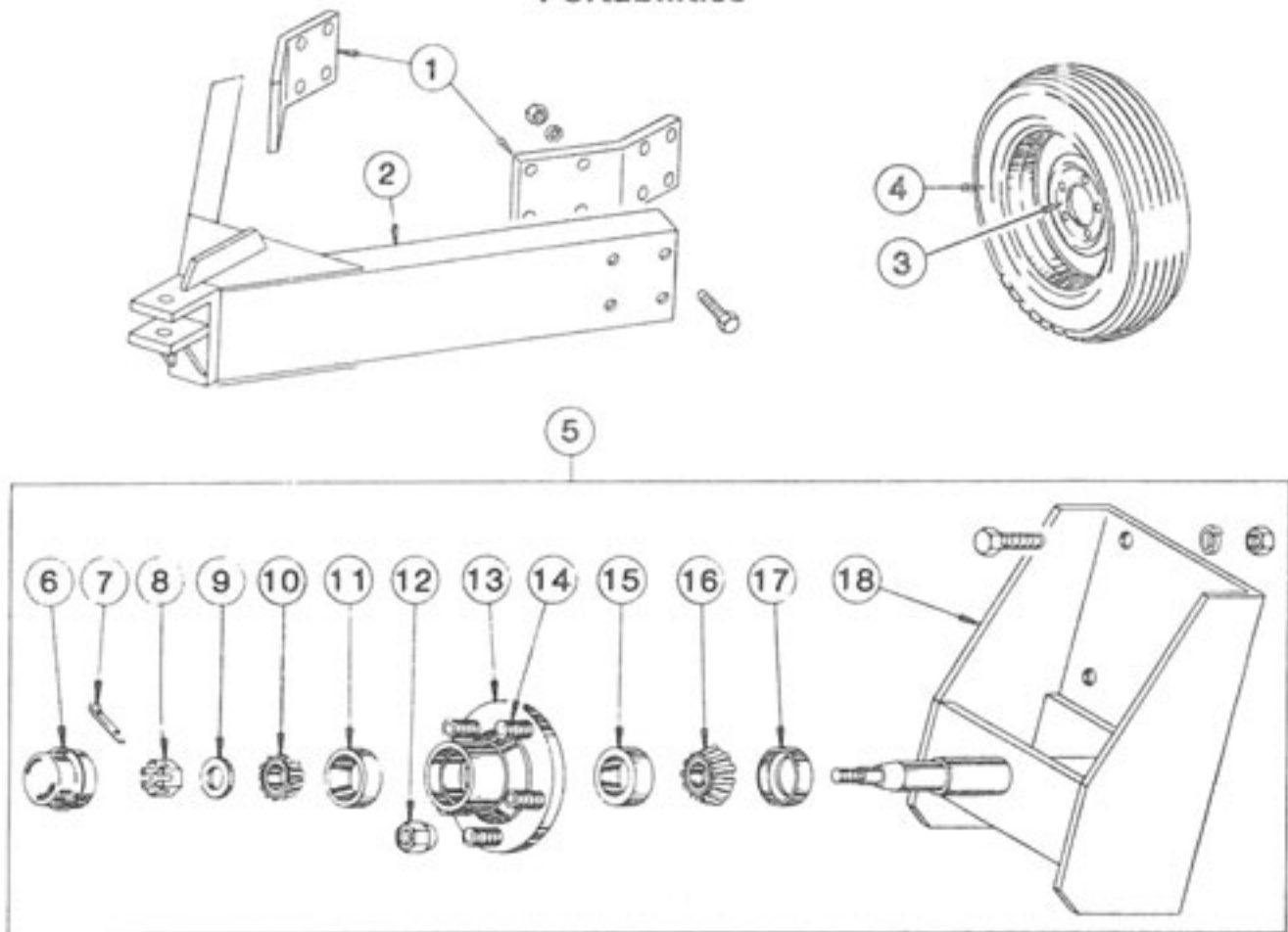


Ref.	Part No.	Qty.	Description
1	128 4712	1*	Over Load Door
2	128 0310	1	2' Extension Auger
	128 0312	1	4' Extension Auger
	128 0315	1	6' Extension Auger
3	124 4465	1	2' Bottom Cover
	124 4466	1	4' Bottom Cover
	124 4471	1	6' Bottom Cover
4	128 0311	1	2' Discharge Housing
	128 0313	1	4' Discharge Housing
	128 0314	1	6' Discharge Housing
5	120 6801	1*	Switch Mount Clip
6	128 5618	1*	Unload Auger Link

Ref.	Part No.	Qty.	Description
7	001 8284	-	5/16-12 x 1/2" Tapping Bolt (Qty. - 8, 16 or 24)
8	124 5611	1*	U.A. Output Shaft
9	127 1231	1	2' Extension Liquefite Assy.
	127 1232	1	4' Extension Liquefite Assy.
	127 1234	1	6' Extension Liquefite Assy.
10	128 2937	1*	Bulb Mount
11	128 3011	1*	Stub Shaft Guard
12	001 6004	2*	1 1/4" Bearing Flangettes
13	001 6003	1*	1 1/4" Bearing w/Collar
14	000 8229	4	3/8"-16 x 2 1/4" HHCS Gr.5 ZP
15	000 8205	4	3/8"-16 Flanged Locknut

*Not included in kit when field installed.

Portabilities



M-C 980

120 1030 - 4 Wheel Portabilities (Incl. ref. 1 & 2 and four of ref. 3 & 5 - less tires)

120 1031 - 6 Wheel Portabilities (Incl. ref. 1 & 2 and six of ref. 3 & 5 - less tires)

120 1043 - 8 Wheel Portabilities (Incl. ref. 1 & 2 and eight of ref. 3 & 5 - less tires)

120 1040 - Additional Portabilities (Incl. two of ref. 3 & 5 - less tires)

Ref.	Part No.	Qty.	Description
1	128 3671	2	Pole Mount Brkt.
	128 8196	8	$\frac{3}{4}$ " - 10 x 2 $\frac{1}{2}$ " Capscrew - Grd. 5
	000 8182	8	$\frac{1}{4}$ " Lockwasher
	000 8165	8	$\frac{3}{4}$ " - 10 Hex Nut
2	120 0047	1	Dryer Pole
	128 8195	8	$\frac{3}{4}$ " - 10 x 2" Capscrew - Grd. 5
	000 8182	8	$\frac{1}{4}$ " Lockwasher
	000 8165	8	$\frac{3}{4}$ " - 10 Hex Nut
3	001 8993	1	5 Bolt Wheel - 15"
4	127 8990	1	7.60 x 15 - 6 Ply Tubeless Tire
5	120 1028	1	Wheel Spindle & Hub Ass'y. (Incl. ref. 6 thru 18)
	000 8146	6	$\frac{5}{8}$ " - 11 x 1 $\frac{1}{2}$ " Capscrew - Grd. 5
	000 8181	6	$\frac{3}{8}$ " Lockwasher
	000 8164	6	$\frac{5}{8}$ " - 11 Hex Nut

Ref.	Part No.	Qty.	Description
6	001 8996	1	Hub Cap
7	001 8252	1	Cotter Pin - $\frac{1}{8}$ " x 1"
8	001 8253	1	Spindle Nut
9	001 8254	1	Spindle Washer
10	001 6000	1	Bearing Cone - Outer
11	002 6000	1	Bearing Cup - Outer
12	001 8989	5	$\frac{1}{2}$ " - 20 Lug Nut - 45°
13	001 8992	1	Wheel Hub Ass'y. - 5 Bolt (Incl. ref. 11, 14 & 15)
14	002 8152	5	$\frac{1}{2}$ " - 20 x 1 $\frac{1}{2}$ " Stud
15	002 6001	1	Bearing Cup - Inner
16	001 6001	1	Bearing Cone - Inner
17	001 8991	1	Seal
18	120 0031	1	Wheel Mount



Iron Horse Quality