PARTS LIST

ORDERING INFORMATION

How To Order Parts

- 1. Identify the parts required by referring to the following pages for part numbers and part descriptions.
- 2. To place an order, contact your local Rytec representative or the Rytec Customer Support Department at 800-628-1909 or 262-677-2058 (fax).
- To ensure the correct parts are shipped, please include the serial number of your door with the order. The serial number can be found on the serial number plate located inside the left side column, at approximately eye level.

Substitute Parts

Due to special engineering and product enhancement, the actual parts used on your door may be different from those shown in this manual.

Also, if a part has been improved in design and bears a revised part number, the improved part will be substituted for the part ordered.

Return of Parts

Rytec will not accept the return of any parts unless they are accompanied by a Return Merchandise Authorization (RMA) form.

Before returning any parts, you must first contact the Rytec Customer Support Department to obtain authorization and an RMA form.

CONTROL PANEL

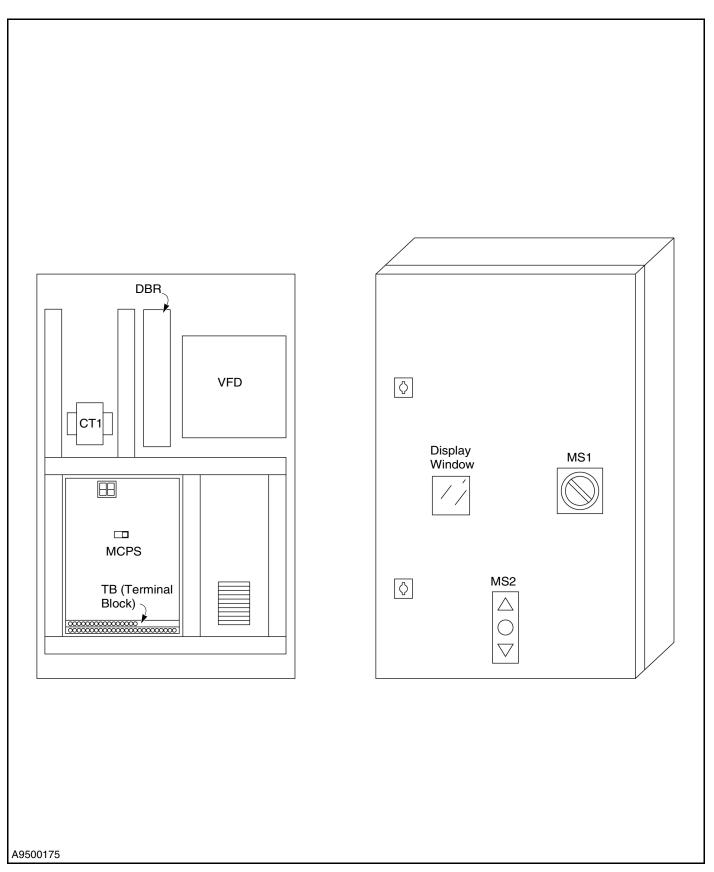


Figure 75

ITEM	QTY.	PART	DESCRIPTION
-	1	87730 SST-S 460	Control Panel 460V 2.2 kw
CT1	1	Consult Factory	Transformer, 100VA, 200- 300 Volts
DBR	1	Consult Factory	Braking Resistor
MCSP	1	02405001-02	MCPS Controller and EPROM
MS1	1	02380183	Main Disconnect Switch, 20 Amp
MS2	1	02421101	Keypad, Up/Down/Stop Membrane Style
ТВ	10	02204860	Terminal Block, 600V, 10-20 AWG
VFD	1	021069127	Vacuum Fluorescent Dis- play, 1.5kw, 230 Volts AC, w/DB Resistor
Decal	1	0914004	Decal Overlay, Rytec SST- RS/US (not shown)

ALWAYS INCLUDE SERIAL NUMBER OF DOOR WHEN PLACING ORDER

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^{**} Items only used on doors 16 feet and taller.

WIRING AND ELECTRICAL

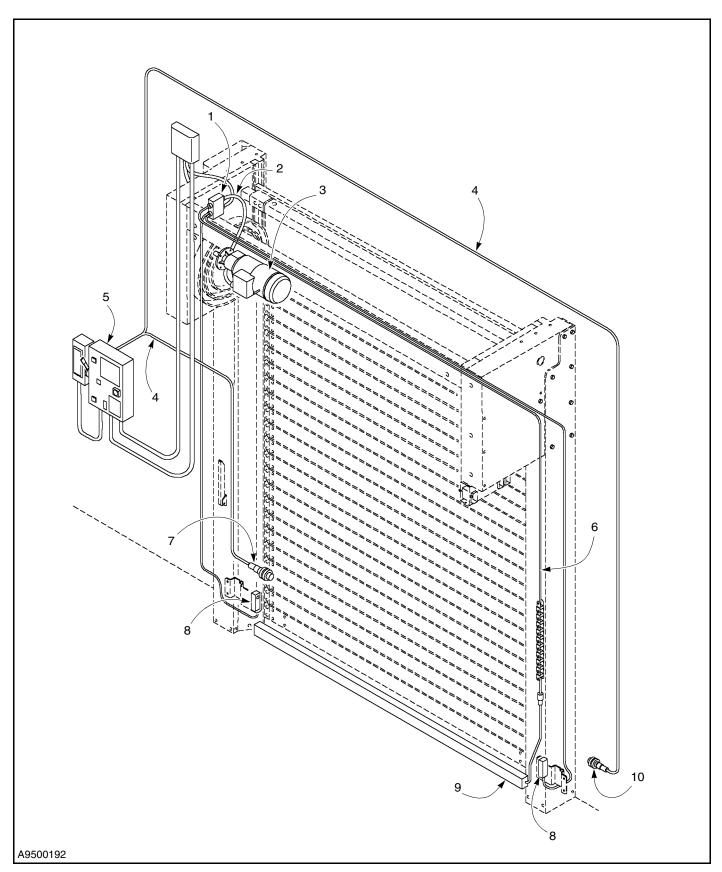


Figure 76

ITEM	QTY.	PART #	DESCRIPTION
1	1	WN760/cc	Junction Box
2	1	02222625	Cable, Electric Brake
3	1	02241744	Motor Gearbox Assembly
4	2	0-012-053	Cable, Telco Photo Eye
5	1	87730rytec sst-s-460	Control Panel (See Page 42)
6	1	WN817/bs	Connecting Cable, Energy Chain (See Page 58)
7	1	0-014-016	Photo Eye Emitter, Telco (Field-Installed Photo Eye)
8	1	02223208	Photo Eyes, Receiver and Emitter, (Factory-Installed Photo Eyes, One Set, Cables Included, See page 56)
9	1	E238601	Reversing Edge Assembly
10	1	0-014-015	Photo Eye Receiver, Telco (Field-Installed Photo Eye)

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LEFT DRIVE ASSEMBLY

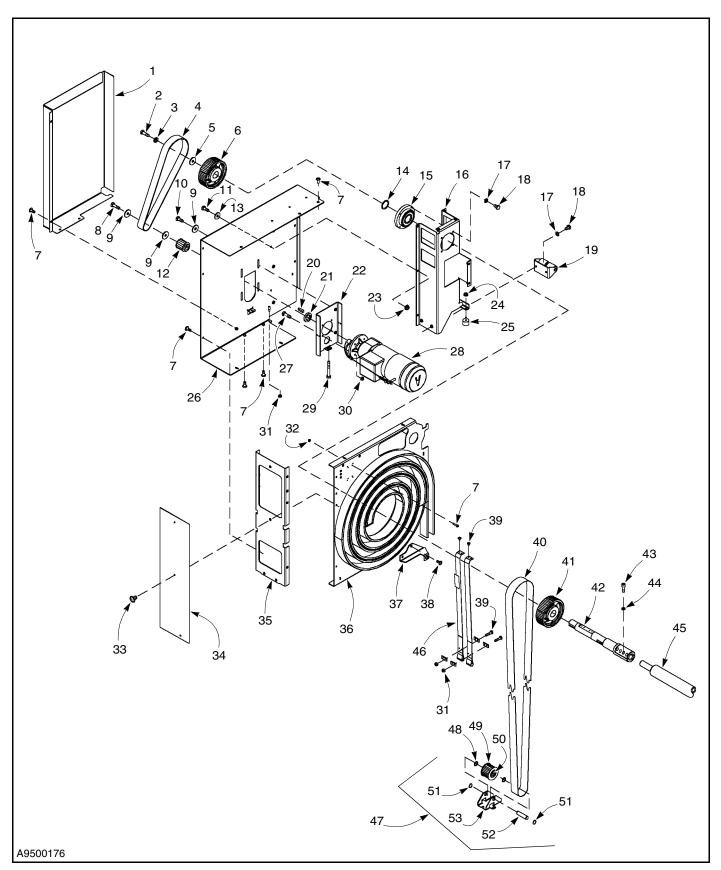


Figure 77

ITEM	QTY.	PART #	DESCRIPTION	ITEM	QTY.	PART #	DESCRIPTION
1	1	238353D	Belt Guard, 5000 <h<=6000< td=""><td>29</td><td>1</td><td>01260365</td><td>Screw, DIN 933-8.8 M10x75 Hex Head</td></h<=6000<>	29	1	01260365	Screw, DIN 933-8.8 M10x75 Hex Head
2	1	01260272	Screw, DIN 933-8.8 M8x16 Hex Head	30	4	01335008	Nut, Lock, DIN 985-8 M8 Nylon Insert Hex
3	1	01080030	Lock Washer, DIN 127 A8	31	2	01270040	Nut, DIN 934-8 M6 Hex
4	1	083104317	Drive Belt (HTD 1440-8M- 50)	32	2	01335004	Nut, Lock, DIN 985-8 M4 Nylon Insert
5	1	WN018_C	Flat Washer, D60x9x5 Thick	33	3	01900820	Screw, M8x20 T40 Torx Drive Dome Washer Head
6	1	206514	Drive Pulley	34	1	238354D	End Cap Plate,
7	28	01900820	Screw, M8x20 T40 Torx				5000 <h<=6000< td=""></h<=6000<>
			Drive Dome Washer Head	35	1	238913D	Brace, Front Console
8	1	01250595	Screw, DIN 931-8.8 M10x50 Hex Head	36	1	238903_1D-0	Console Inside w/spiral Links, Lh, 4000 <h<=5000< td=""></h<=5000<>
9	1	WN018_A	Washer, D30/7x5	37	1	238864/1	Cover Bracket Assembly,
10	6	01260320	Screw, DIN 933 8.8				Left
			M10x25, Hex Head	38	2	01900812	Screw, M8x12 T30 Torx
11	3	01260310	Screw, DIN 933-8.8				Drive Dome Washer Head
			M10x20 Hex Head	39	8	01900708	Screw, M6x8 T30 Torx
12	1	206515	Motor Pulley				Drive Dome Washer Head
13	3	01060043	Washer, Flat, DIN 125	40	1	08310435*	Tooth Belt Htd 1360-8M-50
			A10.5	41	1	206513	Tension Pulley
14	1	01340230	Spacer, Tension Pulley	42	1	238503_1	Drive Shaft, Drive Side
15	1	238856	Bearing Assembly	43	16	01180525	Screw, DIN 912-12.9
16	1	238906_1D	Support Housing				M8x25 Hex Socket
17	6	01080040	Lock Washer, DIN 127 A10	44	16	01690080	Lock Washer, DIN 7980
18	6	01260300	Screw, DIN 933-8.8				M8
			M10x16 Hex Head	45	1	218704*	Line Shaft Weldment
19	1	238863	Guide Pulley Assembly	46	A/R	217872*	Spring Belt Assembly,
20	1	01531420	Key, DIN 6885 14x9x56				40mm
21	1	WN250_C	Collar	47	2	238803	Bottom Pulley Assembly
22	1	237865	Motor Bracket Assembly				(Consists of items 48 thru
23	3	01901510	Nut, M10 Flange Hex				53)
24	1	01901508	Nut, M8 Flange Hex	48	2	01340120	Washer, Flat, DIN 388 SS
25	1	04100145	Bumper, Upper Travel				20x28x2
26	1	238902_1D	Sub Assy., Console	49	1	206516	Pulley, Bottom
			Outside Metal. Lh Drive,	50	2	05020080	Bearing, Bottom Pulley
			5000 <h<=6000< td=""><td>51</td><td>2</td><td>01130020</td><td>Retaining Ring, External,</td></h<=6000<>	51	2	01130020	Retaining Ring, External,
27	4	01260280	Screw, DIN 933-8.8 M8x25				20mm
			Hex Head	52	1	238505-01	Pin, Bottom Pulley
28	1	02241744	Motor/Gearbox Assembly	53	1	238317	Clevis, Bottom Pulley

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^{**} Items only used on doors 16 feet and taller.

BRAKE RELEASE ASSEMBLY

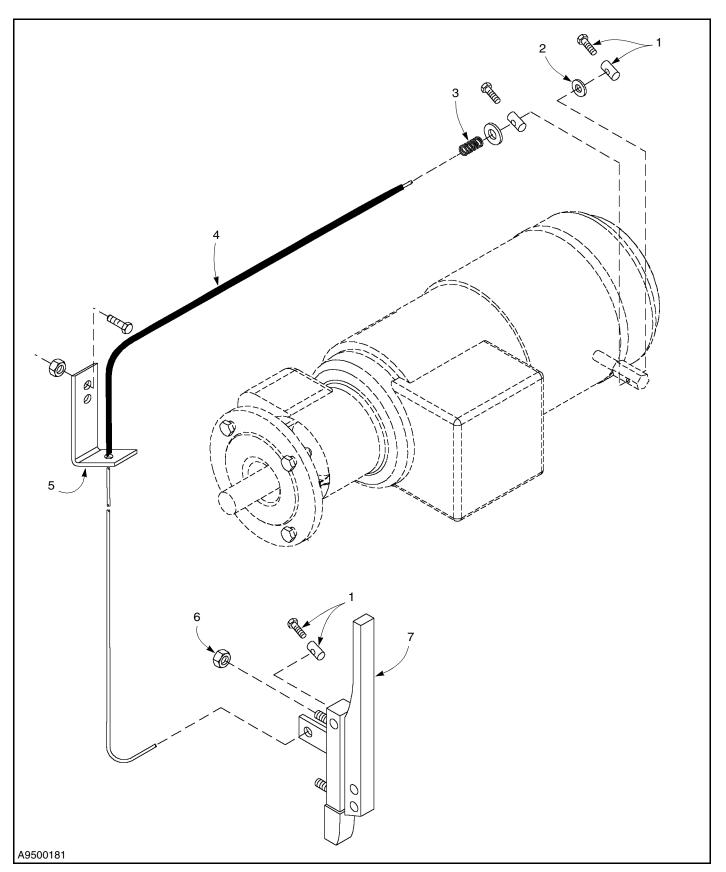


Figure 78

ITEM	QTY.	PART #	DESCRIPTION
1	2	08151080	Clamp, Cable Stop
2	2	01900050	Washer, Flat, H1231
			6.4x25x1.25 Thick
3	1	080701071	Spring
4	1	08210610	2mm Steel Cable 6x7
5	1	217361	Bracket, Motor Brake
			(w/ Mounting Hardware)
6	1	01335005	Nut, Lock, DIN 985-8 M5
			Nylon Insert
7	1	0-904-011	Handle, Brake Release

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RIGHT DRIVE ASSEMBLY

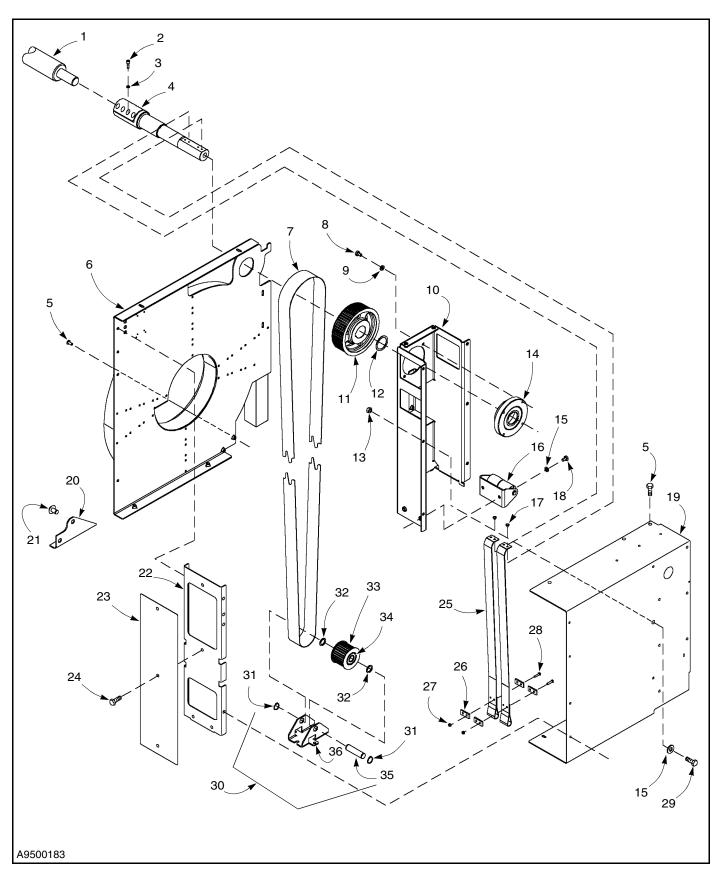


Figure 79

ITEM	QTY.	PART #	DESCRIPTION	ITEM	QTY.	PART #	DESCRIPTION
1	1	218704*	Line Shaft Weldment	20	1	238864_2	Assembly, Cover Bracket,
2	16	01180525	Screw, DIN 912-12.9				Right
			M8x25 Hex Socket Head	21	2	01900812	Screw, M8x12 T30 Torx
3	16	01690080	Lock Washer, Din 7980 M8				Drive Dome Washer Head
4	1	238503_2	Drive Shaft, Non-Drive	22	1	238913D	Brace, Front Console
			Side	23	1	238354D	End Cap Plate,
5	18	01900820	Screw, M8x20 T40 Torx				5000 <h<=6000< td=""></h<=6000<>
			Drive Dome Washer Head	24	3	01900820	Screw, M8x20 T40 Torx
6	1	238903_2D-01	Console Inside w/Spiral				Drive Dome Washer Head
			Links, Rh 5000 <h<=6000< td=""><td>25</td><td>2</td><td>217872*</td><td>40mm Spring Belt</td></h<=6000<>	25	2	217872*	40mm Spring Belt
7	1	08310435*	Tooth Belt Htd 1360-8M-50				Assembly
8	6	01260300	Screw, DIN 933-8.8	26	4	205082	Clamp Plate
			M10x16 Hex Head	27	4	01270040	Nut, DIN 934-8 M6 Hex
9	6	01080040	Lock Washer, DIN 127 A10	28	4	01260160	Screw, DIN 933-8.8
10	1	238906_2D	Support Housing				M6x25 Hex Head
11	1	206513	Tension Pulley	29	3	01260310	Screw, DIN 933-8.8
12	1	01340230	Spacer, Tension Pulley				M10x20 Hex Head
13	3	01901510	Nut, M10 Flange Hex	30	1	238803	Bottom Pulley Assembly
14	1	238856	Bearing Assembly				(Consists of items 31 thru
15	2	01060043	Washer, Flat, DIN 125				36)
			A10.5	31	2	01130020	Retaining Ring, External,
16	1	238863	Assembly, Guide Pulley				20mm
17	8	01900708	Screw, M6x8 T30 Torx	32	2	01340120	Washer, Flat, DIN 388 SS
			Drive Dome Washer Head				20x28x2
18	2	01260300	Screw, DIN 933-8.8	33	1	206516	Pulley, Bottom
			M10x16 Hex Head	34	2	05020080	Bearing, Bottom Pulley
19	1	238902_2D	Console Outside Metal.	35	1	238505-01	Pin, Bottom Pulley
			Rh, Non-Drive Side	36	1	238317	Clevis, Bottom Pulley

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SPREADER BARS

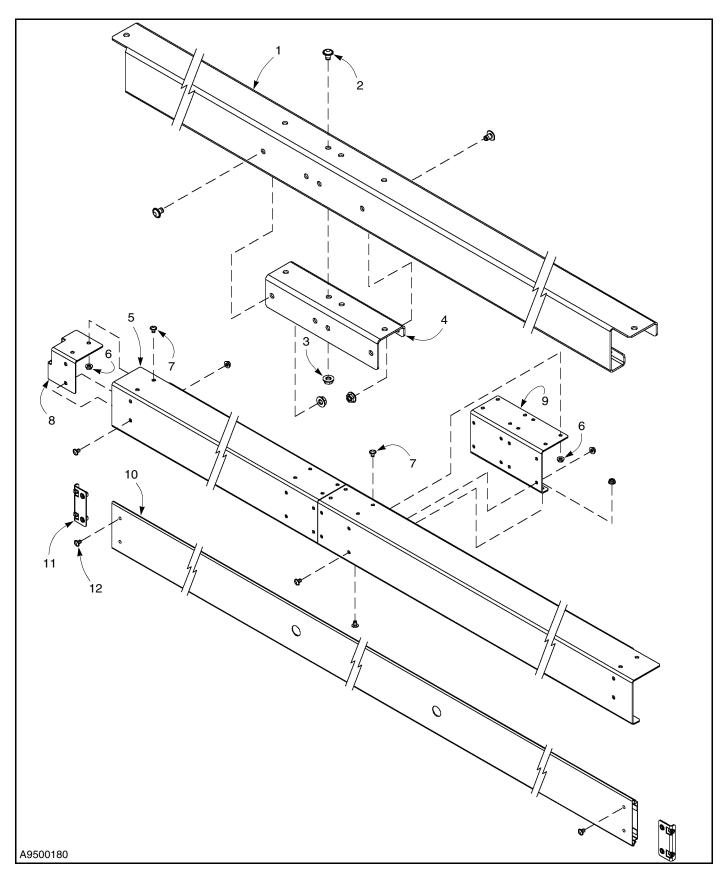


Figure 80

ITEM	QTY.	PART #	DESCRIPTION
-	1	238907-02*	Rear Top Spreader Assembly
1	A/R	238357-02*	Rear Top Spreader
2	A/R	01900812	Screw, M8x12 T30 Torx Drive Dome Washer Head
3	A/R	01901508	Nut, M8 Flange Hex
4	A/R	238319-01	Splice Bracket, Rear Top Spreader

ITEM	QTY.	PART #	DESCRIPTION
-	1	238908*	Front Top Spreader Assembly
5	1	238355*	Front Top Spreader
6	A/R	01901508	Nut, M8 Flange Hex
7	A/R	01900812	Screw, M8x12 T30 Torx Drive Dome Washer Head
8	2	231320	End Bracket, Front Top Spreader
9	A/R	238359	Splice Bracket, Front Top Spreader

ITEM	QTY.	PART #	DESCRIPTION
-	1	237867*	Rear Spreader Assembly
10	1	237313*	Rear Spreader, 20mm
11	2	237868	End Bracket Assembly,
12	4	01900812	Rear Spreader Screw, M8x12 T30 Torx Drive Dome Washer Head

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SIDE COLUMNS

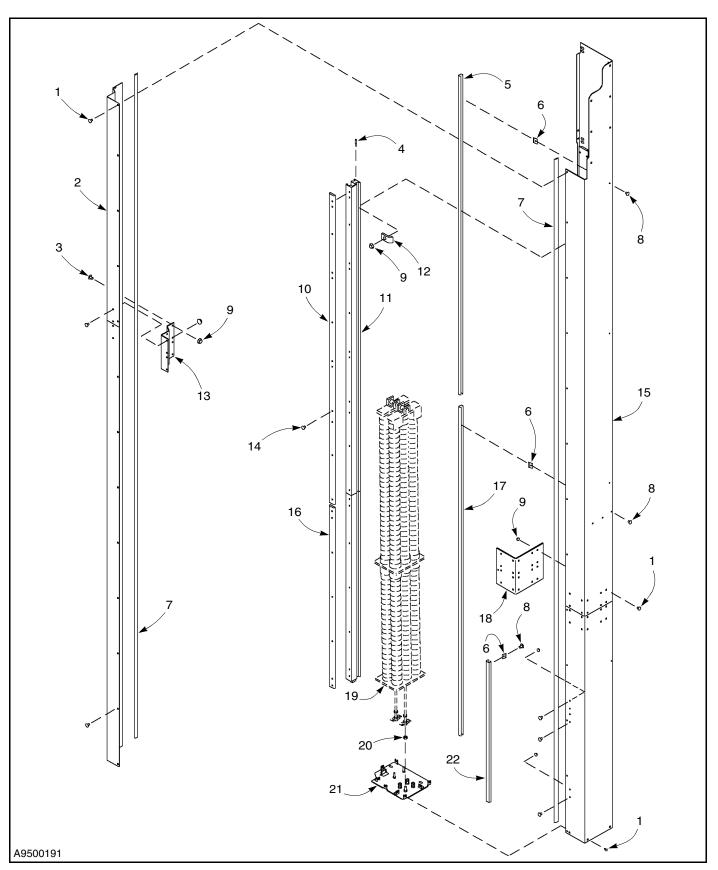


Figure 81

ITEM	QTY.	PART #	DESCRIPTION	ITEM	QTY.	PART #	DESCRIPTION
-	1	238800_2	Assembly, Right Side Column	14	A/R	01900820	Screw, M8x20 T40 Torx Drive Dome Washer Head
-	1	238800_1	Assembly, Left Side Column (not shown)	15	1	238801_2*	Sub-assembly, Side Column, Right
1	A/R	01900812	Screw, M8x12 T30 Torx Drive Dome Washer Head		1	238801_1	Sub-assembly, Side Column, Left (not shown)
2	1	238308_2*	Front Cover, Right, Side Column	16	1	237304*	Vertical Track Cap, Lower x 1680 Long
	1	238308_1*	Front Cover, Left, Side Column (not shown)	17	1	08041001B*	Wire Raceway, Lower Rear Right Side Column
3	A/R	01900816	Screw, M8x16 T40 Torx	18	1	218335	Splice Plate, Side Column
			Drive Dome Washer Head	19	A/R	_*	Spring Pack (Refer to
4	4	217507	Track Pins				pages 60 thru 65)
5	1	08041001C*	Wire Raceway, Reversing	20	12	01270060	Nut, DIN 934-8 M10 Hex
_	_		Edge Cable	21	1	238802_2	Assembly, Right Base
6	5	01901010	Nut, Lock, M6 Hex				Plate
7	2	04010337*	Weather Seal, Side Column		1	238802_1	Assembly, Left Base Plate (not shown)
8	5	01900708	Screw, M6x8 T30 Torx Drive Dome Washer Head	22	1	08041001E	Wire Raceway, Right Side Column, Photo Eye
9	A/R	01901508	Nut, M8 Flange Hex				Bracket x 43mm Long
10	1	237303_2*	Vertical Track Cap, Upper, Right		1	08041001D	Wire Raceway, Left Side Column, Photo Eye
	1	237303_1*	Vertical Track Cap, Upper, Left (not shown)				Bracket x 43mm Long (not shown)
11	1	237302_2*	Vertical Track, Right, Machining	23	1	0-904-011	Handle, Brake Release (Left side column only, not
	1	237302_1*	Vertical Track, Left, Machining (not shown)	24	1	081200607	shown – Refer to page 48) Energy Chain (Right side
12	A/R	217102	Rail Clip		-		column only, not shown –
13	1	238323	Splice Plate, Front Cover				refer to page 58)

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FACTORY-INSTALLED PHOTO EYES

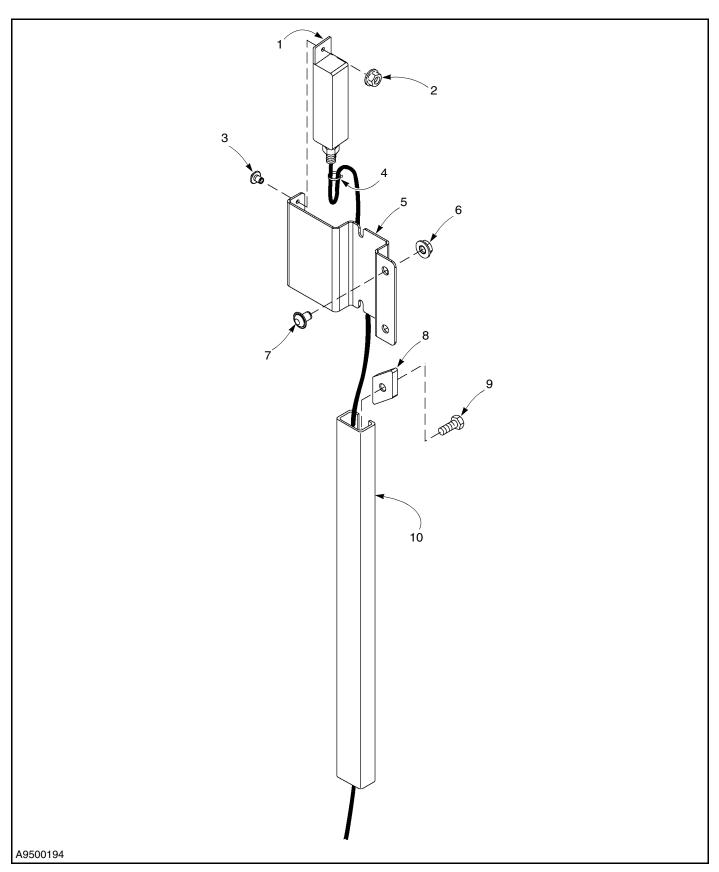


Figure 82

ITEM	QTY.	PART #	DESCRIPTION
1	1	02223208	Photo Eyes, Receiver and Emitter, (Factory-Installed Photo Eyes, One Set, Cables Included)
2	2	01335004	Nut, Lock, DIN 985-8 M4
3	2	01010156	Screw, DIN 84-4.8, M4x20
4	A/R	0005400	Ties, Cable 15" Black
			3M 06277
5	2	237334-01	Bracket, Photo Eye
6	8	01901508	Nut, M8 Flange Hex
7	8	01900812	Screw, M8x12 T30 Torx
			Drive Dome Washer Head
8	1	01901010	Nut, Lock, M6 Hex
9	1	01900708	Screw, M6x8 T30 Torx Drive Dome Washer Head
10	2	08041001D	Wire Raceway, 43 cm Long

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ENERGY CHAIN

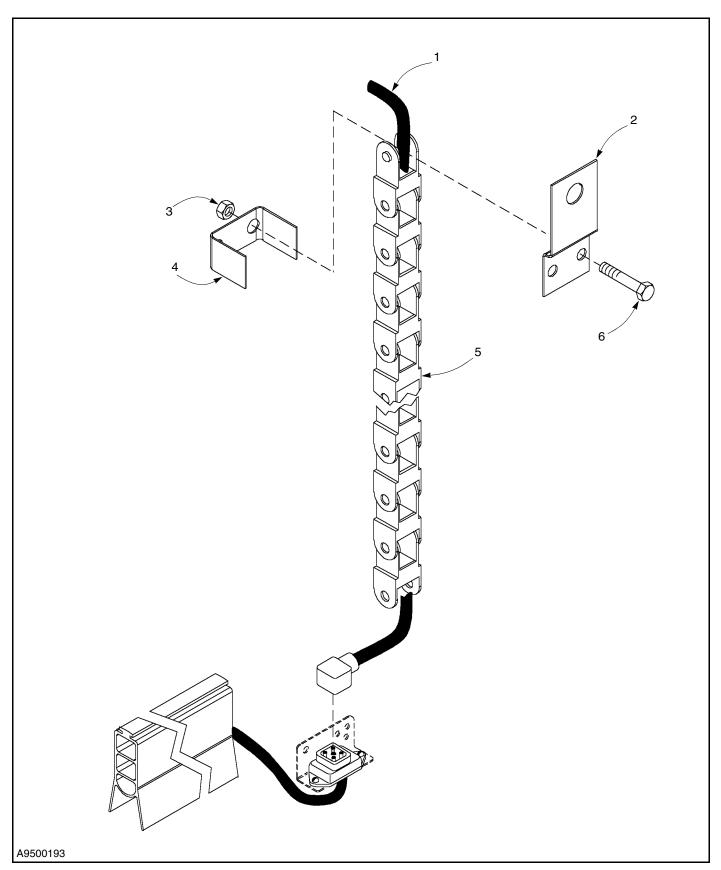


Figure 83

ITEM	QTY.	PART #	DESCRIPTION
1	1	WN817/bs	Cable, Energy Chain Connecting
2	1	08120609	Anchor Clip, Energy Chain
3	2	01335004	Nut, Lock, DIN 985-8 M4
4	1	237322	Nylon Insert Bracket, Energy Chain Clamp
5	1	08120607	Energy Chain
6	2	01010156	Screw, DIN 84-4.8 M4x20 Slotted Cheese Head

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SINGLE SPRING PACK

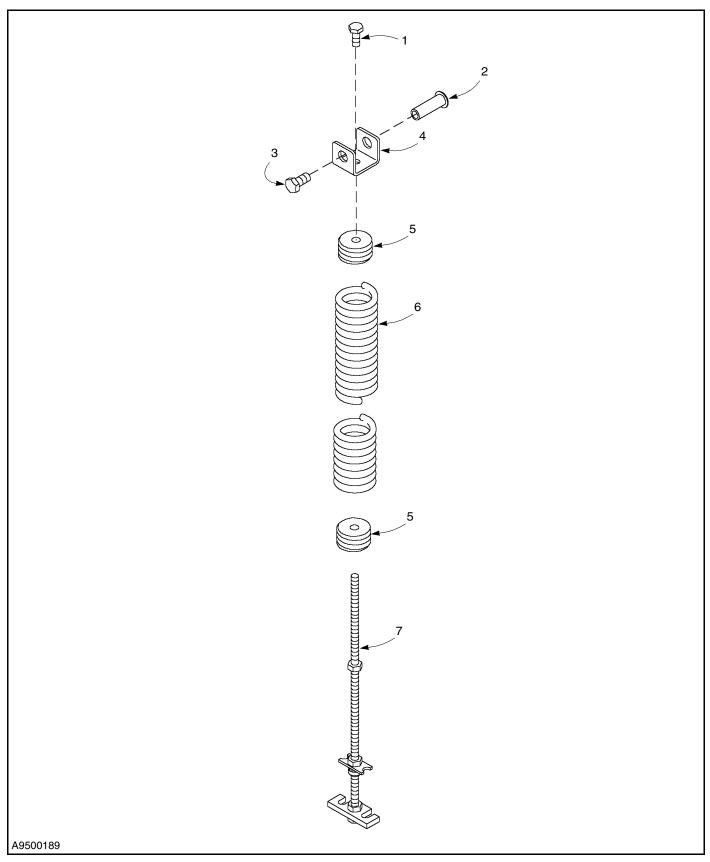


Figure 84

ITEM	QTY.	PART #	DESCRIPTION
-	A/R	217871B_02	Outside Spring Pack Assembly (Single Spring)
1	1	01260320	Screw, DIN 933 8.8 M10x25, Hex Head
2	1	609270A	Shoulder Nut, Spring Clevis
3	1	01260400	Screw, DIN 933 M12x25
4	1	207070	Hex Head Clevis, Spring Pack
5	2	205512	Spring Plug
6	1	WN350	Spring
7	1	217891A	Spring Pack Adjustment Rod Assembly

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DOUBLE SPRING PACK

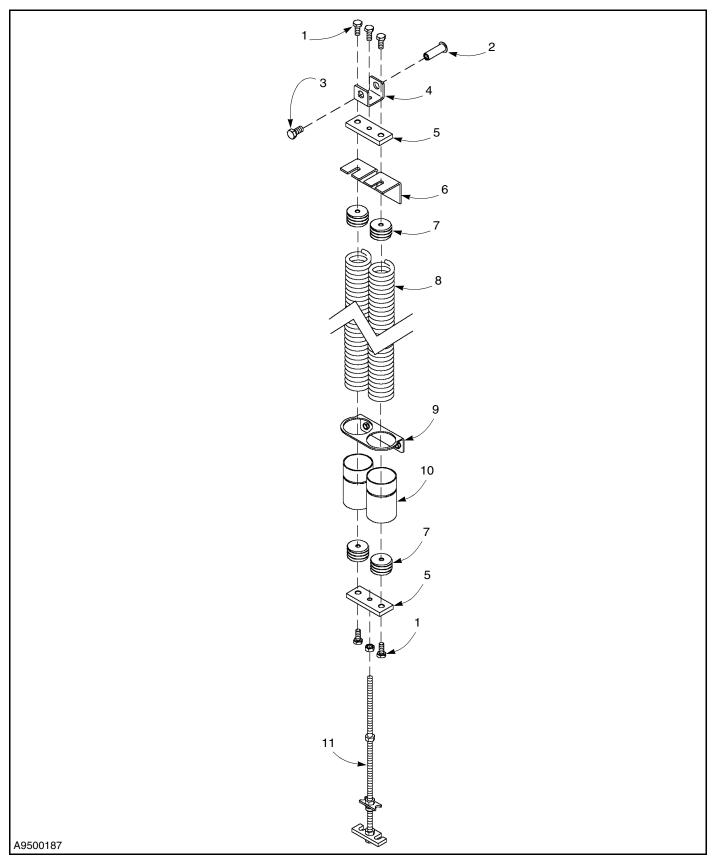


Figure 85

ITEM	QTY.	PART #	DESCRIPTION
-	1	217871A	Outside Spring Pack Assembly (Dual Springs)
-	1	217871D	Inside Spring Pack Assembly (Dual Springs)
1	5	01260320	Screw, DIN 933 8.8 M10x25, Hex Head
2	1	609270A	Shoulder Nut, Spring Clevis
3	1	01260400	Screw, DIN 933 M12x25 Hex Head
4	1	207070	Clevis, Spring Pack
5	1	205084	Bar, Dual Spring Pack
6	2	217604	Guide, Spring Pack, Hard PVC (Outside Spring Pack Assembly Only)
7	4	205512	Spring Plug
8	2	WN350	Spring
9	1	217902	Outside Guide Bracket, Dual Springs
	1	218104	Inside Guide Bracket, Dual Springs
10	2	217605	Guide Tube, PVC Spring Pack
11	1	217892A	Spring Pack Adjustment Rod Assembly

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TRIPLE SPRING PACK

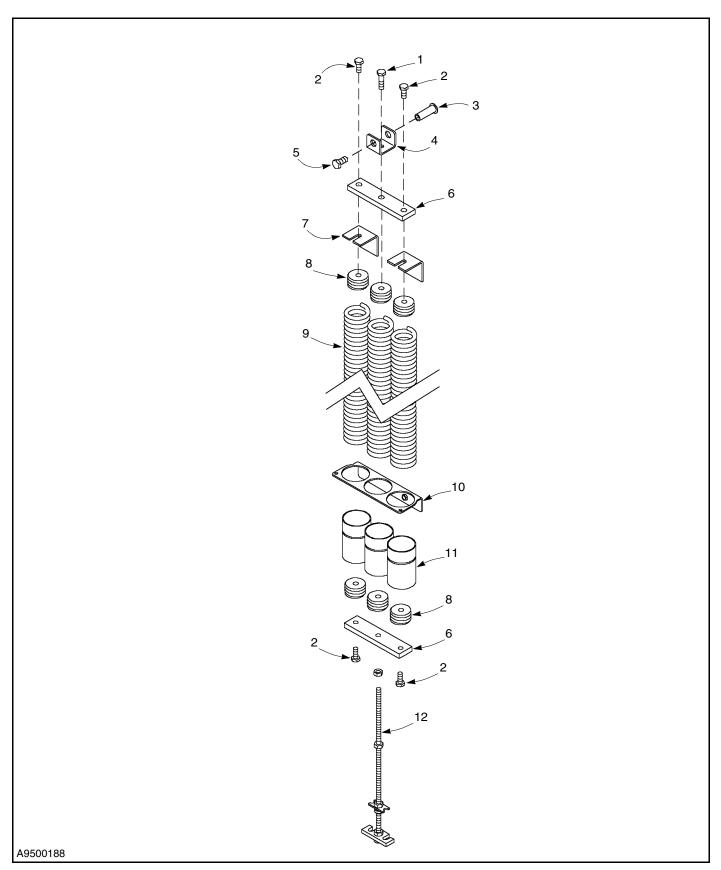


Figure 86

ITEM	QTY.	PART #	DESCRIPTION
-	1	217871C	Outside Spring Pack
-	1	217871E	Assembly (Triple Springs) Inside Spring Pack Assembly (Triple Springs)
1	1	01260340	Screw, DIN 933 M10x40 Hex Head
2	4	01260320	Screw, DIN 933 8.8 M10x25, Hex Head
3	1	609270A	Shoulder Nut, Spring Clevis
4	1	207070	Clevis, Spring Pack
5	1	01260410	Screw, DIN 933 M12x25 Hex Head
6	1	206070	Bar, Triple Spring Pack
7	2	217604	Guide, Spring Pack, Hard PVC (Outside Spring Pack Assembly Only)
8	6	205512	Spring Plug
9	3	WN350	Spring
10	1	217901	Outside Guide Bracket, Triple Springs
	1	218103	Inside Guide Bracket, Triple Springs
11	3	217605	Guide Tube, PVC Spring Pack
12	1	217891A	Adjustment Rod Assembly, Spring Pack

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DOOR PANEL

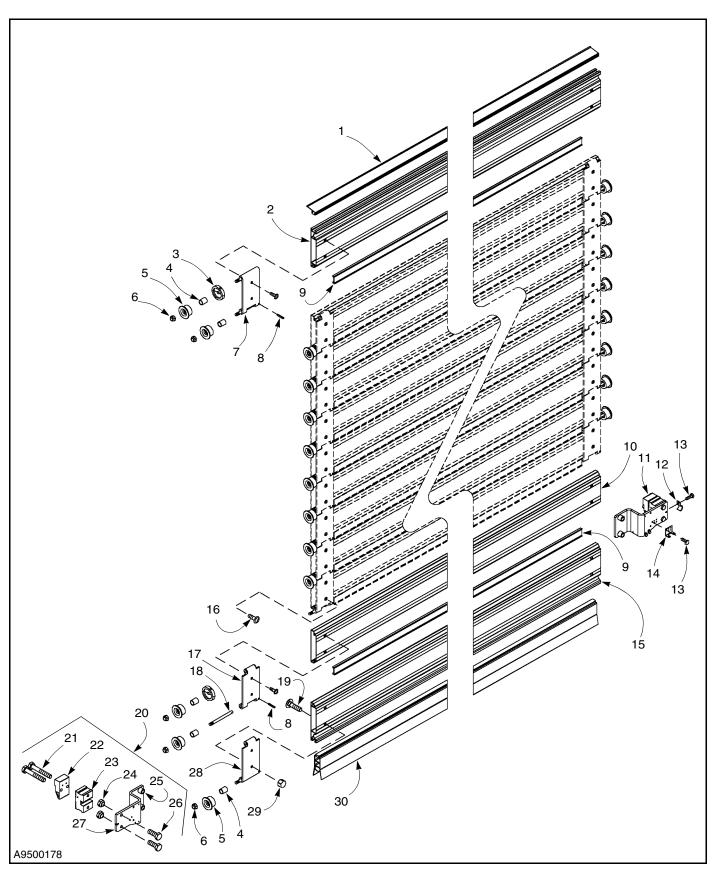


Figure 87

ITEM	QTY.	PART #	DESCRIPTION	ITEM	QTY.	PART #	DESCRIPTION
-	1	238830*	Final Panel Assembly	17	A/R	218867-1	Hinge Assembly, Middle-
1	1	04010170*	Top Seal				Left
2	1	238832*	Top Panel Assembly w/o TB		A/R	218867-2	Hinge Assembly, Middle- Right (Not Shown)
3	4	217600	Guide, Side Door Panel	18	A/R	218504	Axle, Hinge 133mm
4	A/R	217505	Spacer, Axel	19	4	01160600	Screw, Mushroom Head
5	A/R	205625	Roller Assembly				Square Neck DIN 603
6	A/R	01335008	Nut, Lock, DIN 985-8 M8				M10x40
			Nylon Insert Hex	20	1	238831_1	Assembly, End Bracket,
7	1	218866_1	Hinge Assembly, Top, Lh, 100mm Wide				Left (Consists of items 21 thru 27)
	1	218866_2	Hinge Assembly, Top, Rh,	21	4	01260363	Screw, DIN 933-8.8
	'	210000_2	100mm Wide (Not Shown)	21	4	01200303	M10x65 Hex Head
8	A/R	01370314	Spring Pin, 3mm Dia. x	22	2	238102	Splice Clamp, End Bracket
0	A/n	013/0314	14mm	23	2	238101	Splice Clamp, End Bracket Splice Block, End Bracket
0	A/R	04010085*	Panel Seal	23 24	4	01335010	•
9 10	A/R A/R	238833*	Standard Panel Assembly	24	4	01333010	Nut, Lock, DIN 985-8
10	A/n	230033	with Nuts, 30mm	25	4	237501B	M10 Nylon Insert Hex Spacer, End Bracket
	Λ/D	238834	•	25 26	4	01260330	Screw, DIN 933-8.8
	A/R	230034	Insulated Panel Assembly with Nuts, 30mm	20	4	01200330	M10x30 Hex Head
	A/R	238835	Window Panel Assembly	27	1	238310_1	End Plate, End Bracket,
11	1	238831-2	Assembly, End Bracket,			_	Left
			Right (Consists of items 21		1	238310-2	End Plate, End Bracket,
			thru 27)				Right (Not Shown)
12	3	02382756	Wire Clip	28	1	218865_1	Bottom-Left Hinge
13	7	01260006	Screw, Din 933-8,8			_	Assembly, 100mm Wide
			M4x8 Hex Head		1	218865_2	Bottom-Right Hinge (Not
14	1	216330	Bracket, Reversing Plug			_	Shown)
			Support				Assembly, 100mm Wide
15	1	238305*	Bottom Panel, w/o TB (Cut	29	4	01230010	Nut, Cap, DIN 917 M10
-			to Size)	30	1	E238601*	Reversing Edge Assembly
16	A/R	01900720	Screw, M6x20 T30 Torx				
-			Drive Dome Washer Head				

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