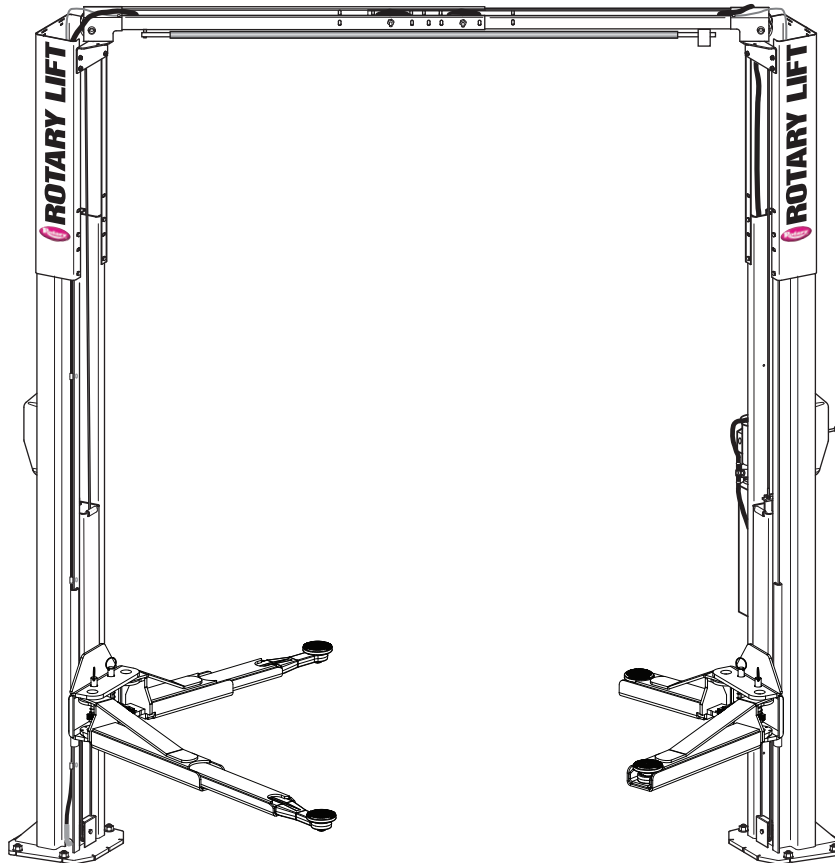




SPOA10NB, SPOA10, SP010 & Shockwave™ Models

(2000 Series Lifts)

Capacity 10,000 lbs. (4,536 kg.)



P
A
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S

B
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E
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K
D
O
W
N

IMPORTANT: When ordering parts or requesting service always give exact model and power unit serial number. Model number is shown on nameplate attached to power unit column. Power unit serial number is located on side of power unit.

OWNERS RECORD
Complete information
at right and keep in
a safe place.

Date Installed _____

Installed in Bay # _____

Power Unit Serial # _____

Power Unit Model # _____

Lift Serial # _____

Lift Model # _____

NOTE: For replacement parts -See your nearest Rotary Parts Distributor.

1.	L.H. Column Weldment	N788
	L.H. Seismic Column Weldment	N766
2.	R.H. Column Weldment	N789
	R.H. Seismic Column Weldment	N768
3.	Column Extension	
	Standard Height	N4125
	EH-1 MODEL	***N4121
	EH-2 MODEL	***N4121
4.	Carriage Yoke Weldment	N822
5.	Arm Pin	N2154
6.	1/4"-20NC x 3/4" Lg. HHCS	40099
7.	Hydraulic Cylinder Assembly 68" Rise	N346-1
	71" Rise	N347
8.	Power Unit	
	1Ø 60H	**P1302/P3302
9.	Power Unit Hose	FJ837
10.	5/16"-18NC x 1-1/2" Flanged HHCS (Full Thread)	40509
11.	5/16"-18NC Hex Flanged Lock Nut	40678
12.	Actuator Pin Handle	FJ7985-1
13.	Actuator Pin	N121-1
14.	Retaining Pin	N119-3
15.	Arm Restraint Spring	FJ7656-2
16.	Bleeder Screw (Specify Manufacturer)	N/A
17.	Carriage Bumper	FA941
18.	Arm Restraint Pawl	N2121
19.	Approach bumper	FJ7391-1
20.	5/8"-11NC Nylon Insert Lock Nut	40743
21.	Truarc #5304-75 Klipring for 3/4" Shaft	41411
22.	Sheave	N377
23.	1/4"-20NC Zinc Hex Nut	40627
24.	Sheave Cover	N119-1
25.	1/4"-20NC x 3/8" Lg. PHMS Plated (2 pcs.)	40063
26.	Slider block	FJ7360
27.	¾" Concrete Anchor (500-1200 Series)	FJ7380
	¾" Concrete Anchor (1300-1600 Series)	FJ7385
28.	1-1/2" O.D. x .760-.770" I.D. x .045" Bushing	41388
29.	1/4"-20NC x 2-3/4" HHCS	40114
30.	1/4"-20NC Insert Locknut	40642
31.	1/8" x 1" Lg. Cotter Pin (3Ø only)	41200
32.	Switch Bar Assembly	
	1Ø SPOA10NB	N415
	1Ø SPOA10/SPO10 Push Button	N467
33.	Wheel Spotting Dish Kit	FF729
34.	1/4" Flat Washer	40795
35.	3/8"-16 NC x 3/4" Long Flanged HHCS	40124
*36.	Arm Restraint Kit (1 arm)	*N2148
37.	Overhead Hose	
	Standard	N3103
	EH-1 MODEL	FJ842
	EH-2 MODEL	FJ843
	EH-4 MODEL (SPO10 only)	FJ845
	SPOA10 WIDE STANDARD HEIGHT	N394
	SPOA10 WIDE EH-1	N370
	SPOA10 WIDE EH-2	N3110

38.	Equalizer Cables	
	SPOA10NB	N384
	SPOA10NB EH-1 MODEL	N385
	SPOA10NB EH-2 MODEL	N386
	SPOA10	N372
	SPOA10 WIDE STANDARD HEIGHT	N3129
	SPOA10 WIDE EH-1	N3130
	SPOA10 WIDE EH-2	N3131
	SPOA10 EH-1 MODEL	N378
	SPOA10 EH-2 MODEL	N373
	SPO10	N374
	SPO10 EH-1 MODEL	N379
	SPO10 EH-2 MODEL	N375
	SPO10 EH-4 MODEL	N376
39.	Locking Latch Cable	FJ7600
40.	Cable Guide	N618
41.	3/8"-16NC Flanged Locknut	40664
42.	Sheave Shaft	FJ7444-8
43.	Actuator Assembly	N432-5
44.	Cable End Bracket	N619
45.	Hose Clip	N383
46.	L.H. Overhead Assembly (Outer)	N480
	SPOA10 WIDE	N493-1
47.	R.H. Overhead Assembly (Inner)	N481
	SPOA10 WIDE	N494-1
	SPOA10 WIDE STIFFNER ANGLE (NOT SHOWN)	N463
48.	Branch Tee	FJ7668
49.	Column Mounting Bracket	N439
50.	3/8"-16NC x 3/4" Carriage Bolts	N/A
51.	1/4"-20NC Flanged Locknut	40641
52.	3/4" Spacer	FJ7871
53.	Overhead Switch Assembly	N413
	Limit Switch Assembly	N413-1
54.	1/4" External Tooth Lockwasher	40779
55.	1/4"-20NC x 1" HHCS Grade 5	40108
56.	Spring Pin-1/4" dia. x 1-1/2" Lg. (Stainless)14427	
57.	Shim	FJ716-6
58.	Front Shim	FJ7659-3
59.	Straight Adapter	FJ7352-3

*Arm Restraint Kit (1 Arm) Includes items 12, 13, 14, 15, 18 & 56.
Also includes Restraint Gears and attaching hardware (items 20, 21 & 22) from Arm Detail section.

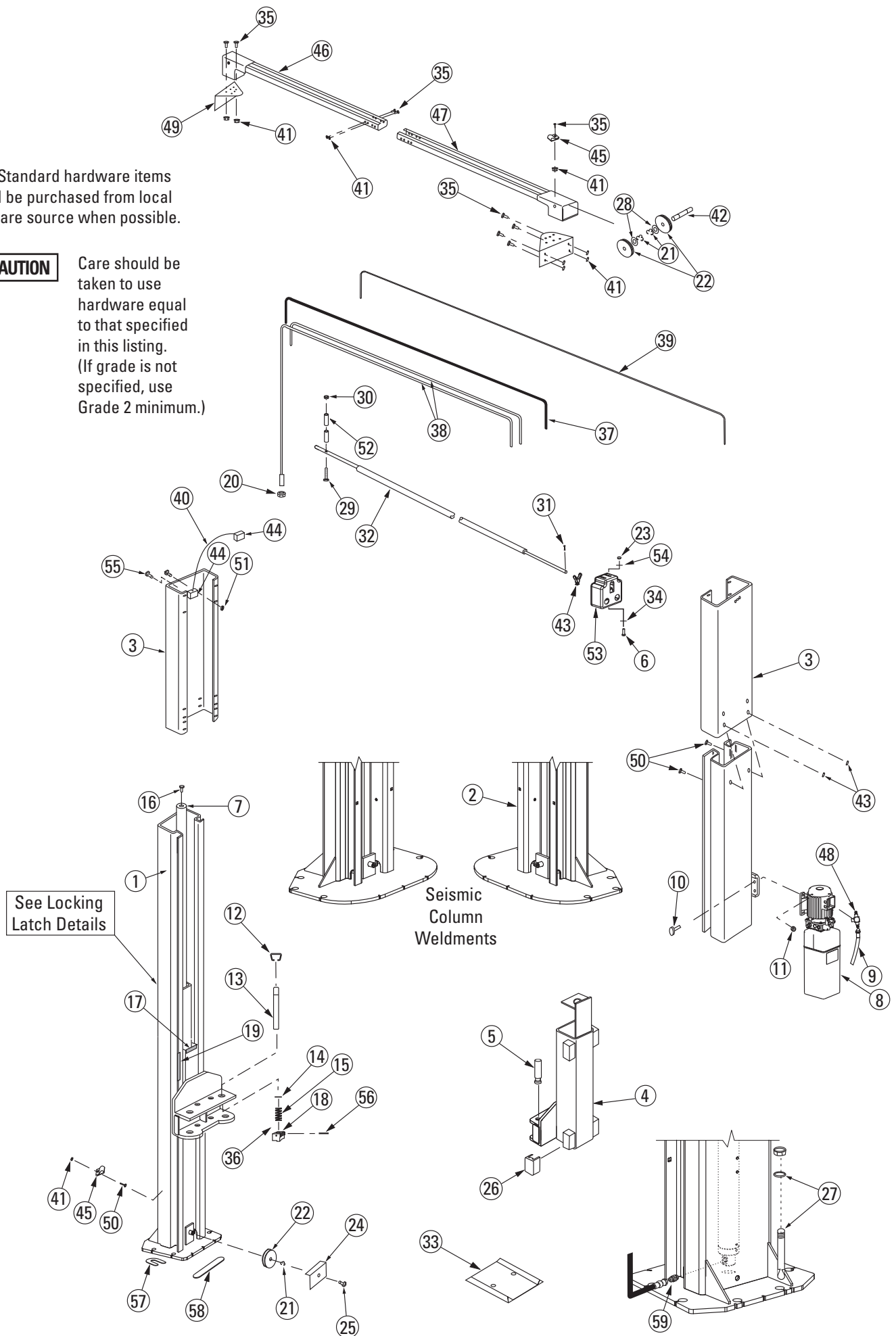
**Two different power units were used. Please verify your model number before ordering parts.

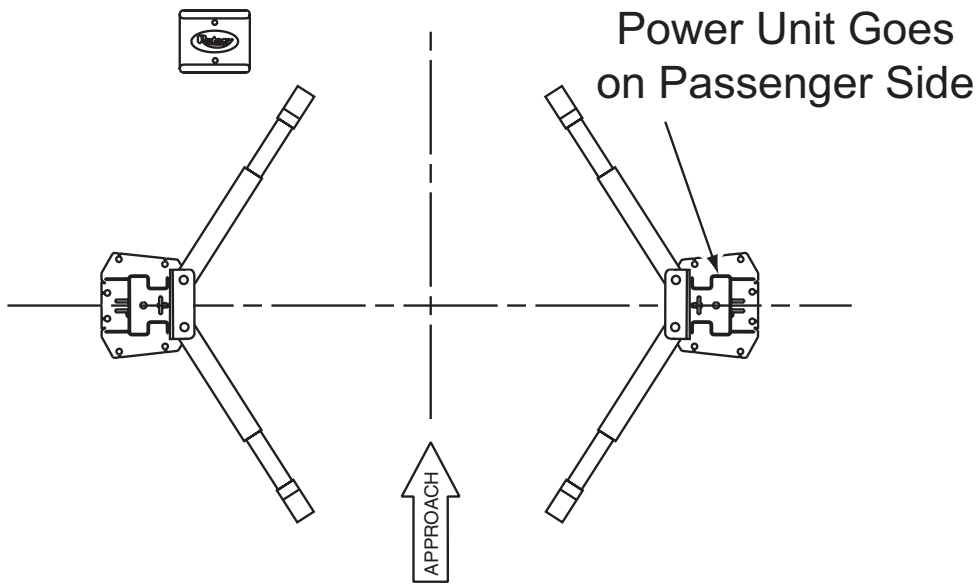
***EH1/EH2 Extension field retrofitted to EH1 height by installing cable kit:
N595 SPO10
N596 SPOA10

Note: Standard hardware items should be purchased from local hardware source when possible.

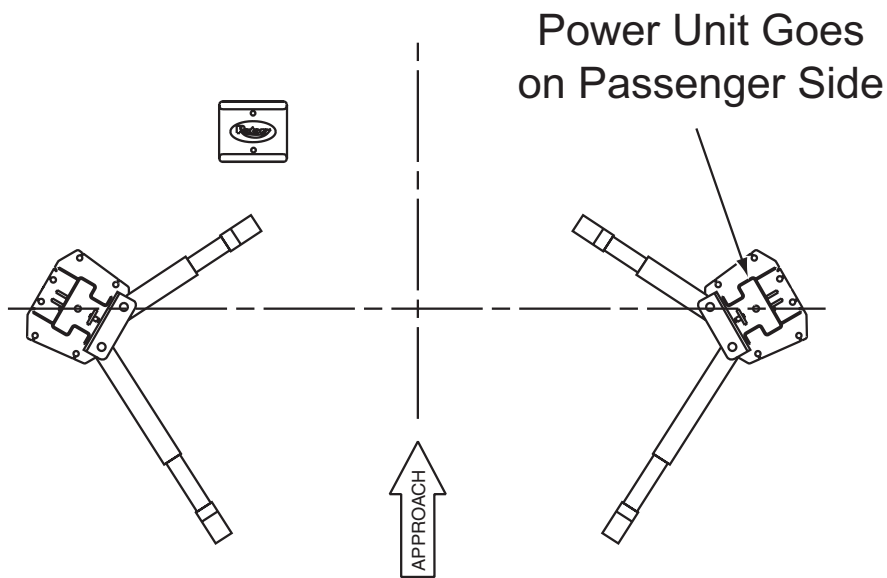


Care should be taken to use hardware equal to that specified in this listing.
(If grade is not specified, use Grade 2 minimum.)



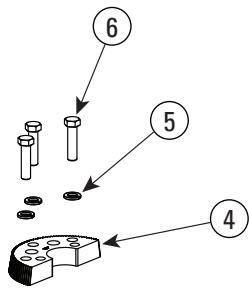


SPO10 Plan View

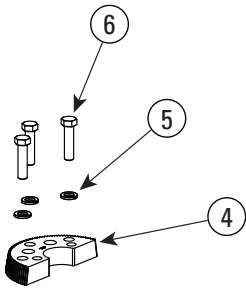
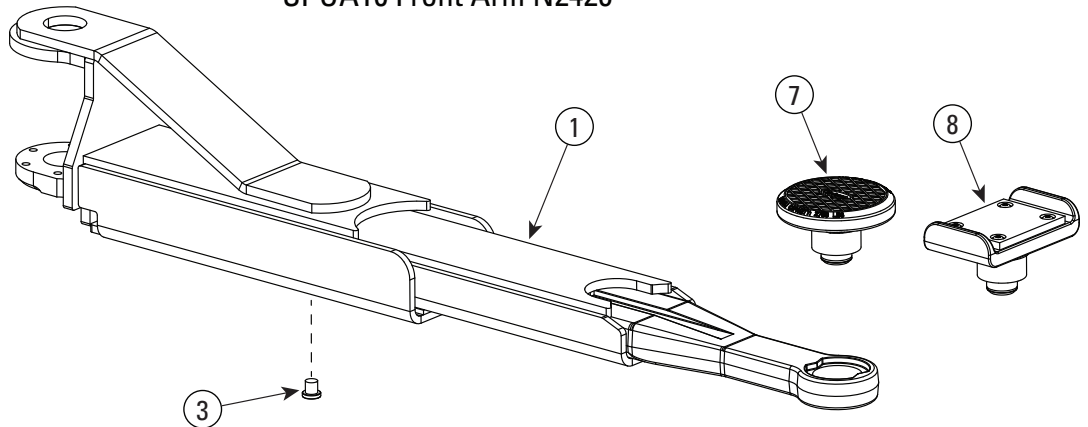


SPOA10 Plan View

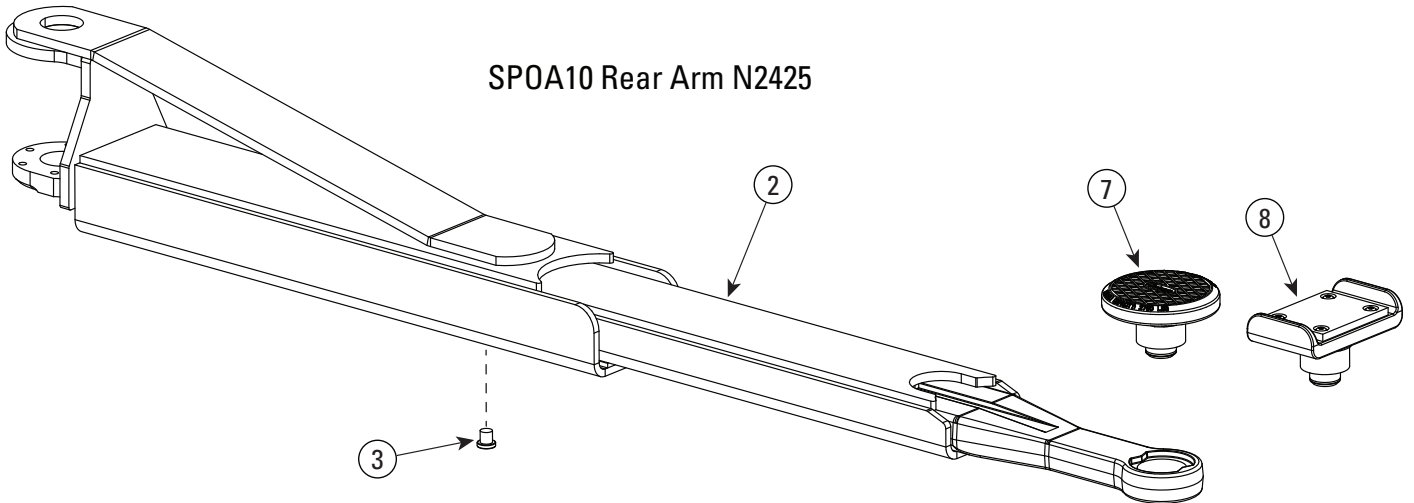
Arm Detail



SPOA10 Front Arm N2426

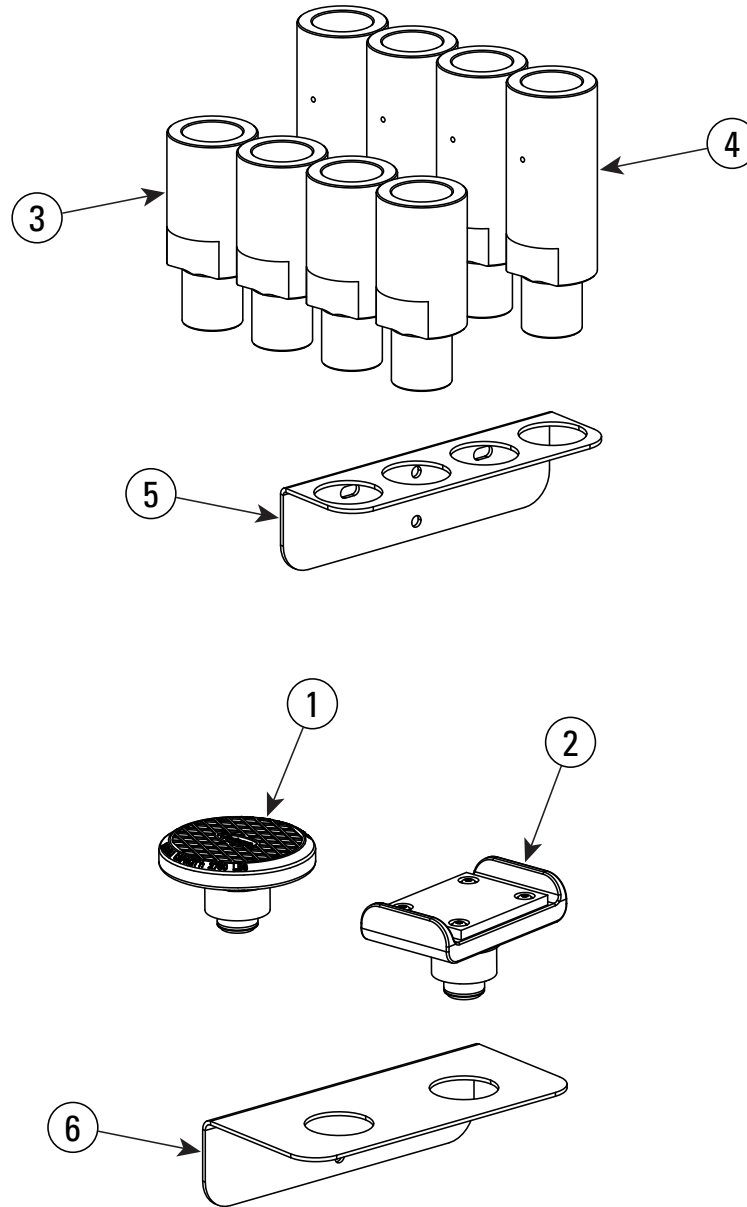


SPOA10 Rear Arm N2425



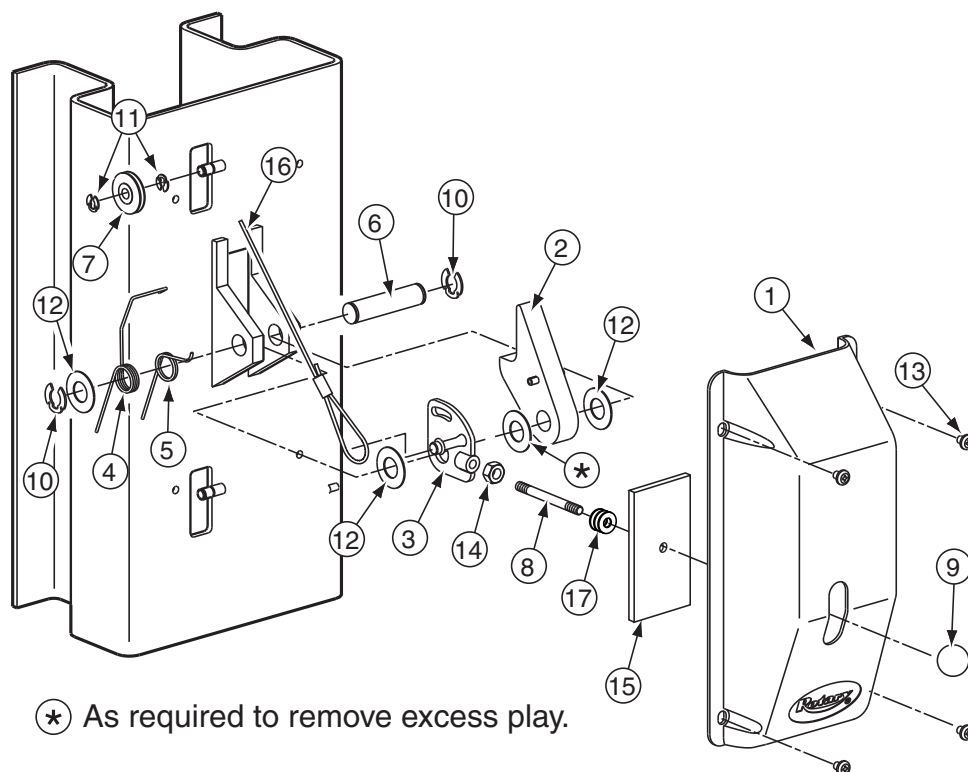
1	Front Arm SPOA10	N2426Y
2	Rear Arm SPOA10	N2425Y
3	Stop Bolt	N2425-9Y
4	Arm Restraint Gear	N2122
5	3/8" Spring Washers	40818
6	3/8"-16NC x 1-1/2" HHCS Grade 5	40201
7	Low Profile Adapter Assembly	FJ6272Y
	Rubber Pad	FJ6202-3
8	Truck adapter assembly	FJ6273Y

2000 Series Adapter Options



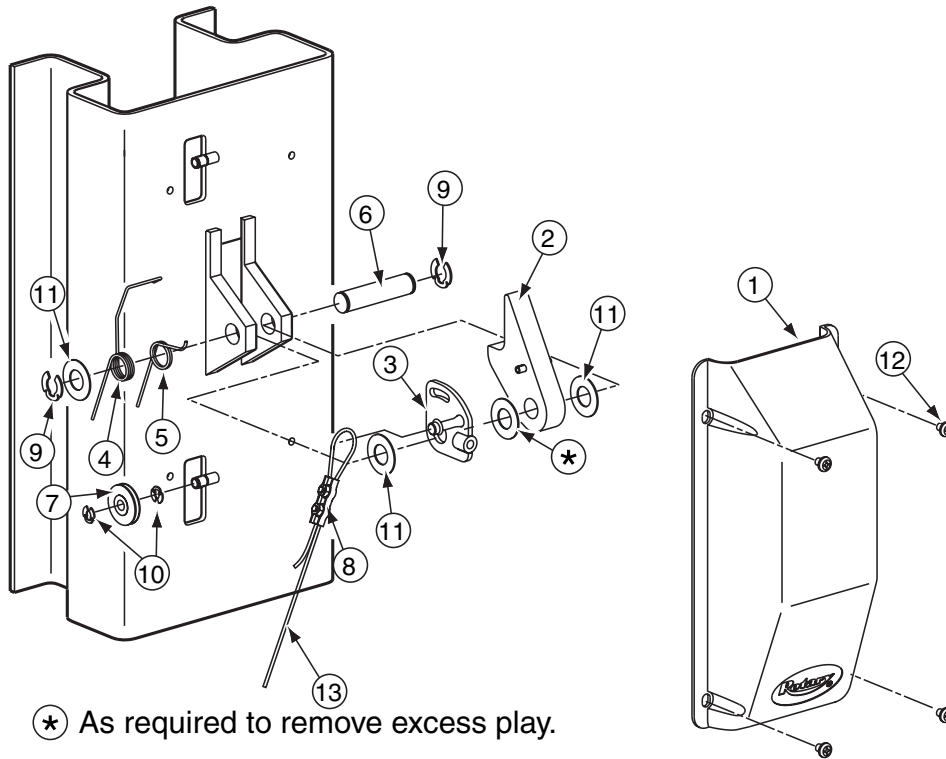
ITEM	DESCRIPTION	PART NO.
1	Low Profile Round RA Adapter	FJ6272Y
2	Truck Adapter	FJ6273Y
3	3-1/2" Adapter Extension	FJ6275-1Y
4	5" Adapter Extension	FJ6275-2Y
5	Adapter Rack	FJ6127Y
6	Adapter Rack	T130718Y

Locking Latch Detail (Right Column)



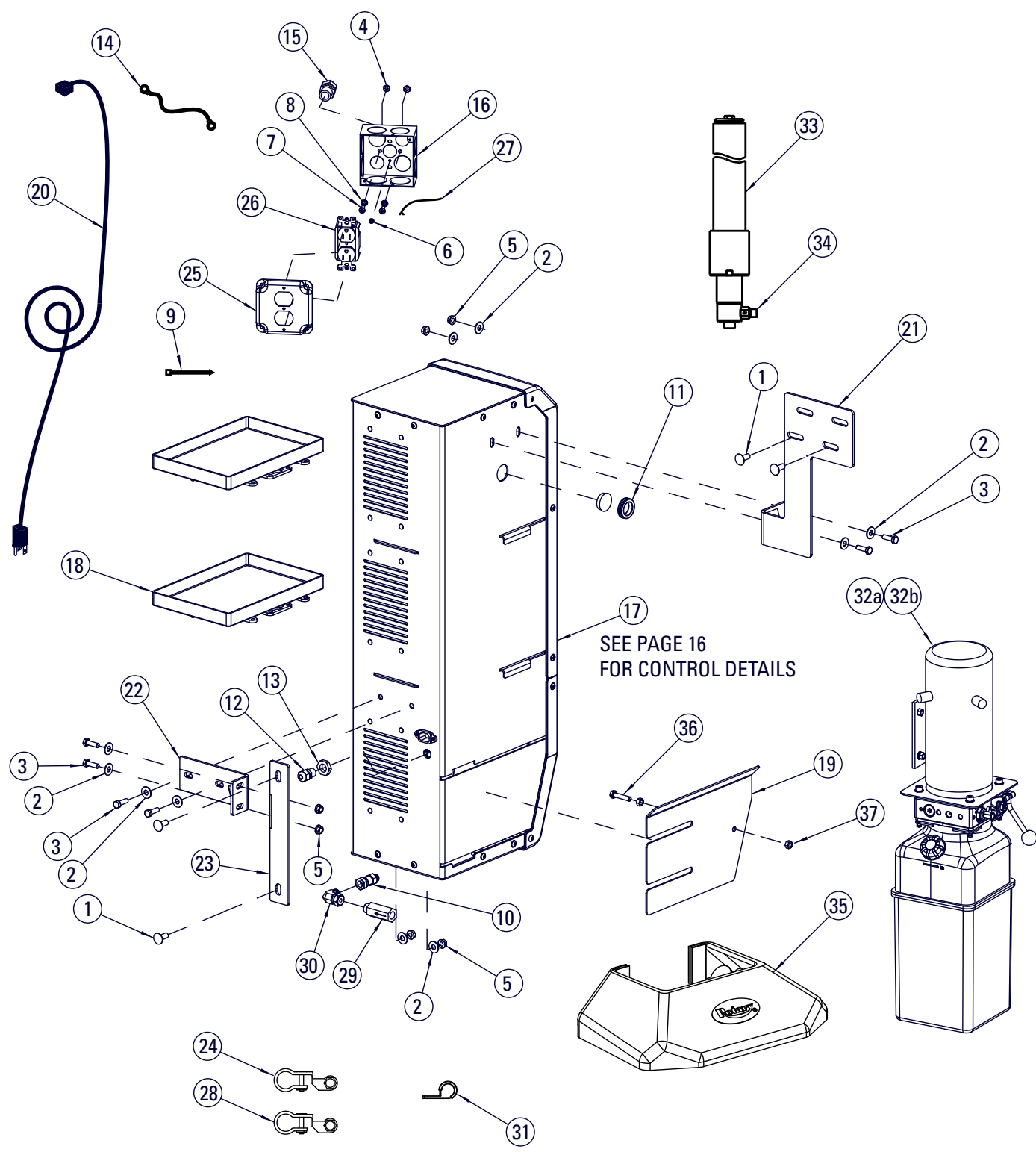
ITEM	DESCRIPTION	PART#
1.	Control Side Cover	FJ7452
2.	Locking Latch Dog	N616
3.	Control Plate	FJ7594-2
4.	Spring.....	FJ7566-10
5.	Spring.....	FJ7382-9
6.	Latch Shaft.....	FJ7382-34
7.	Locking Latch Sheave.....	FJ7322
8.	Handle.....	FJ7382-18
9.	Ball Handle.....	FC134-91
10.	Truarc Klipring #5304-75 for 3/4" Shaft.....	41411
11.	Truarc Klipring #5304-37 for 3/8" Shaft.....	41410
12.	1-1/2" O.D. x 3/4" I.D. x .045" Mach. Bush.....	41388
13.	5/16"-18NC x 3/8" Lg. PHMS.....	40227
14.	3/8" - 16NC Hex Jam Nut.....	40658
15.	Slot Cover	N617
16.	Locking Latch Cable	FJ7600
17.	3/8" Flat Washer	40820

Locking Latch Detail (Left Column)



ITEM	DESCRIPTION	PART#
1.	Latch Cover	FJ7451
2.	Locking Latch Dog	N616
3.	Control Plate	FJ7594-2
4.	Spring.....	FJ7566-10
5.	Spring.....	FJ7382-9
6.	Latch Shaft.....	FJ7382-34
7.	Locking Latch Sheave.....	FJ7322
8.	Latch Cable Clamp.....	N63-1
9.	Truarc Klipring #5304-75 for 3/4" Shaft.....	41411
10.	Truarc Klipring #5304-37 for 3/8" Shaft.....	41410
11.	1-1/2" O.D. x 3/4" I.D. x .045" Mach. Bush.....	41388
12.	5/16"-18NC x 3/8" Lg. PHMS.....	40227
13.	Locking Latch Cable	FJ7600

Shockwave Detail



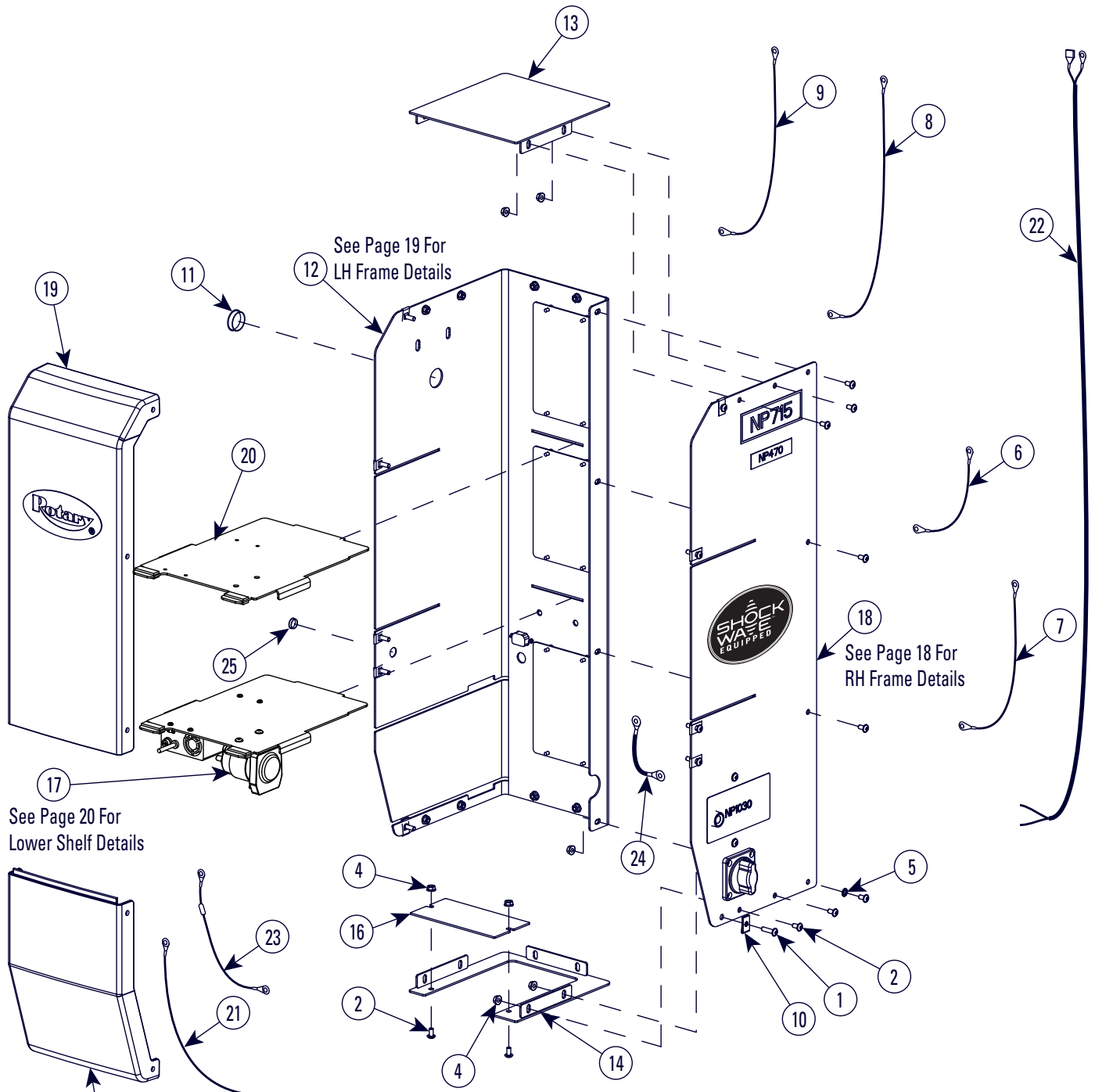
SEE PAGE 16
FOR CONTROL DETAILS

DC CONTROL MOUNTING

Shockwave Detail

ITEM	PART NO.	DESCRIPTION
1	40167	3/8"-16NC x 1" Lg. CAR. BOLT, Gr. 5, PLTD.
2	40217	5/16" USS FLAT WASHER, PLTD
3	40221	5/16"-18NC x 1" Lg HHCS, GRD5 PLTD
4	40650	#12-24NC HEX NUT, PLTD
5	40678	5/16"-18NC HEX FLGD WZLOCK NUT, PLTD
6	FA997-1	#10-32 x 1/4" Lg. HEX WHSFTS, PLTD, COLORED GREEN
7	41526	#12-24NC x 3/4" Lg. PHIL. PHMS, PLTD
8	41527	#12 EXT TOOTH LW, PLTD
9	629888	TY-RAP CABLE TIE, NYLON, BLACK, 11 1
10	EFX60010319	ADAPTER, STRAIGHT THREAD/ SWIVEL (ORB/ORFS 6X6)
11	FA7180-31	WIRE GROMMET
12	FA7189-14	3/8" NPT STRAIN RELIEF
13	FA7189-15	3/8" NPT LOCKNUT
14	FA7616	BATTERY-BATTERY CABLE
15	FA7958-28	CORD GRIP
16	FA997	JUNCTION BOX
17	FA966	DC CONTROL ASSEMBLY
18	FA966-16	BATTERY TRAY
19	FA966-47	BATTERY CABINET 2-POST SPLASH SHIELD
20	FA966-51	10FT UNIVERSAL POWER CORD (NEMA 5-15P TO IEC320C13)
21	FA966-55	BATTERY CABINET UPPER MOUNTING BRKT WELD
22	FA966-56	BATTERY CABINET MOUNTING BRKT WELD
23	FA966-57	BATTERY CABINET MOUNTING COLUMN BRKT WELD
24	FA979	POSITIVE BATTERY TERMINAL END
25	FA980-1	DUPLEX RECEPTACLE COVER 4" SQUARE BOX
26	FA980-2	DUPLEX FEMALE RECEPTACLE
27	FA980-3	GROUND WIRE
28	FA981	NEGATIVE BATTERY TERMINAL END
29	FJ71003	FLOW REGULATOR
30	FJ71007	MALE ORFS x FEMALE ORFS SWIVEL ELBOW
31	FJ7669	COLUMN HOSE CLAMP
32a	P3577	DC POWER UNIT - PAD LIFT
32b	P3579	DC POWER UNIT - ARM LIFT
32c	P3586	DC POWER UNIT - SPO12
33	N3151Y	HYDRAULIC CYLINDER
34	FJ7352-3	ADAPTER
35	N539	BASE PLATE COVER (FOR SPOA10 & SPO10 MODELS ONLY)
36	40271	5/16"-18NC x 1-1/2" HHCS FULL THREAD
37	40670	5/16"-18NC HEX NUT

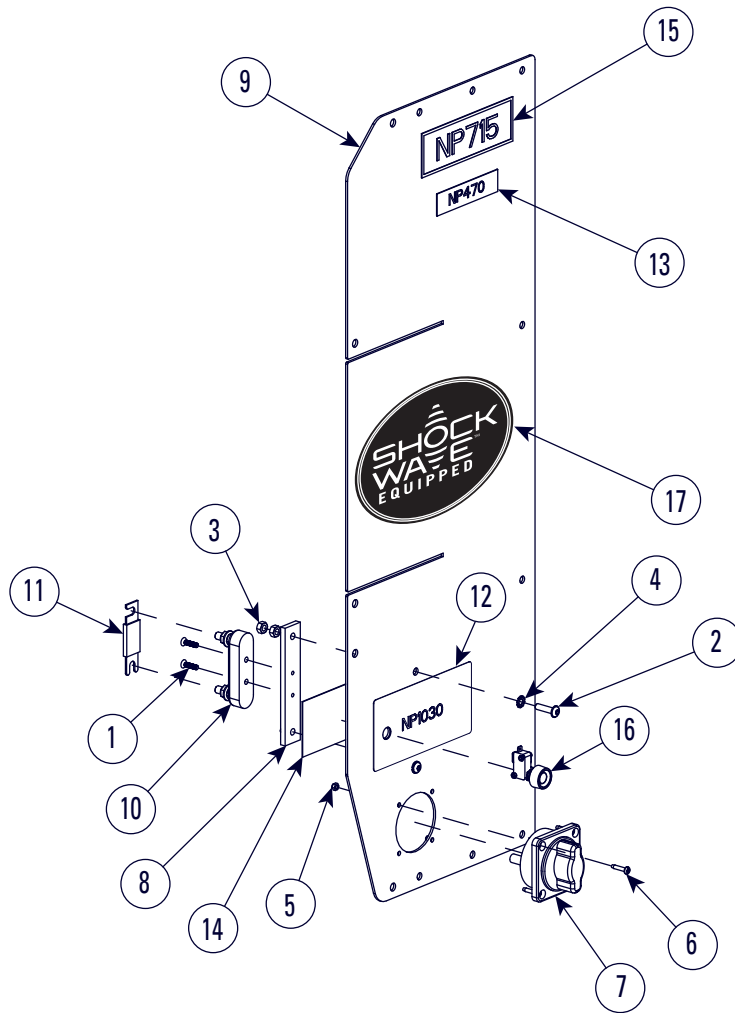
Shockwave Detail



Shockwave Detail

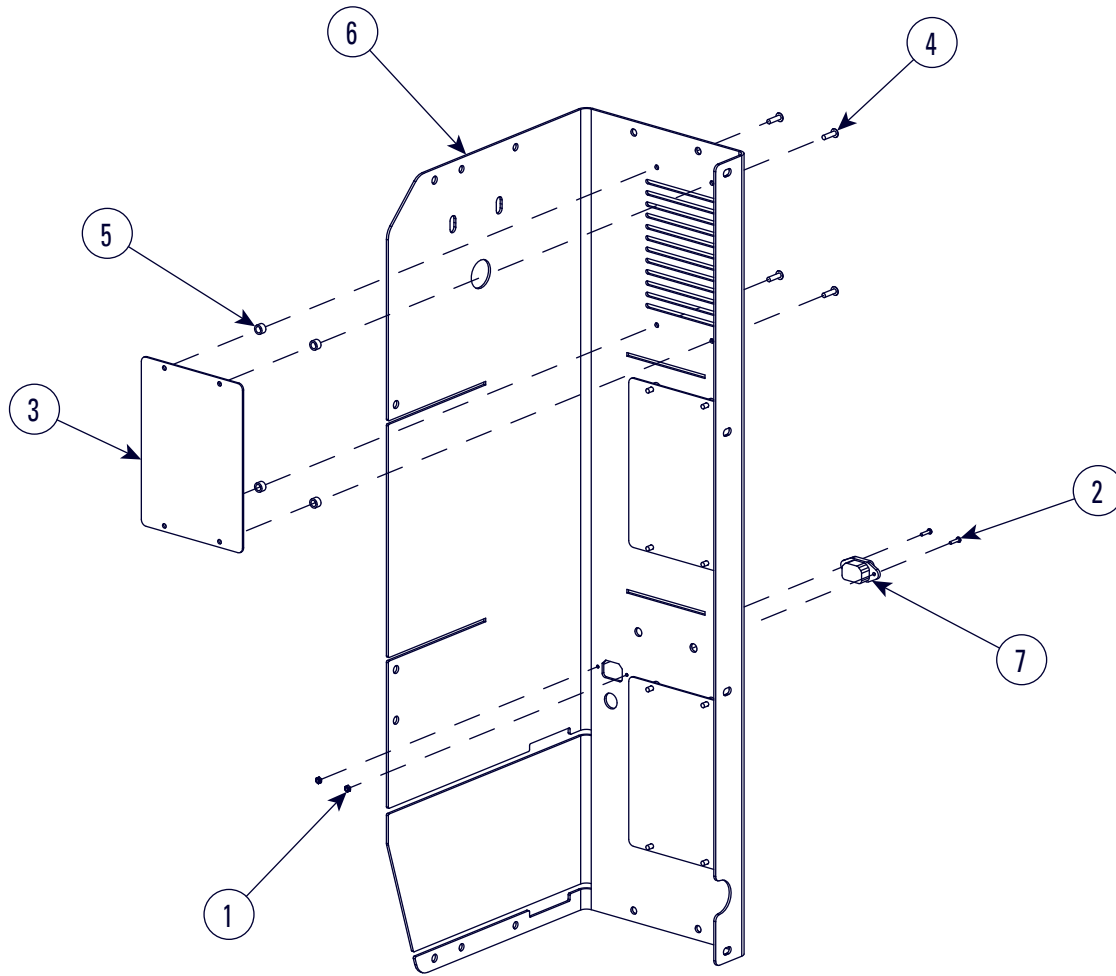
DC CONTROL		
ITEM	PART NO.	DESCRIPTION
1	40077	1/4"-20NC x 1" Lg FLGD HEX SOC BHCS, GRD2
2	40094	1/4"-20NC x 1/2" Lg FLGD HEX SOC BHCS
3	NA	NA
4	40641	1/4"-20NC HEX FLGD WZLOCK NUT, PLTD
5	40779	1/4" EXT TOOTH LW
6	FA7618	DISCONNECT-FUSE CABLE
7	FA7619	FUSE-CONTACTOR CABLE
8	FA7667	BATTERY-DISCONNECT CABLE
9	FA7668	BATTERY-MOTOR CABLE
10	FA966-22	CLIP-ON NUT
11	FA966-34	1-1/4" HOLE PLUG
12	FA966-37	BATTERY CABINET LH FRAME ASSY
13	FA966-39	BATTERY CABINET TOP COVER WELDMENT
14	FA966-42	BATTERY CABINET BOTTOM COVER WELDMENT
15	FA966-45	BATTERY CABINET FRONT BOTTOM COVER
16	FA966-46	BATTERY CABINET SMALL BOTTOM COVER
17	FA966-48	BATTERY CABINET LOWER SHELF ASSEMBLY
18	FA986-1	BATTERY CABINET RH FRAME ASSEMBLY
19	FA966-50	BATTERY CABINET FRONT TOP COVER ASSY
20	FA966-58	BATTERY CABINET SHELF WELD
21	FA970	CONTACTOR HARNESS
22	FA971	OVERHEAD HARNESS
23	FA978	DISCONNECT HARNESS
24	FA982	GROUND WIRE
25	FA966-60	TRANSPARENT HOLE PLUG

Shockwave Detail



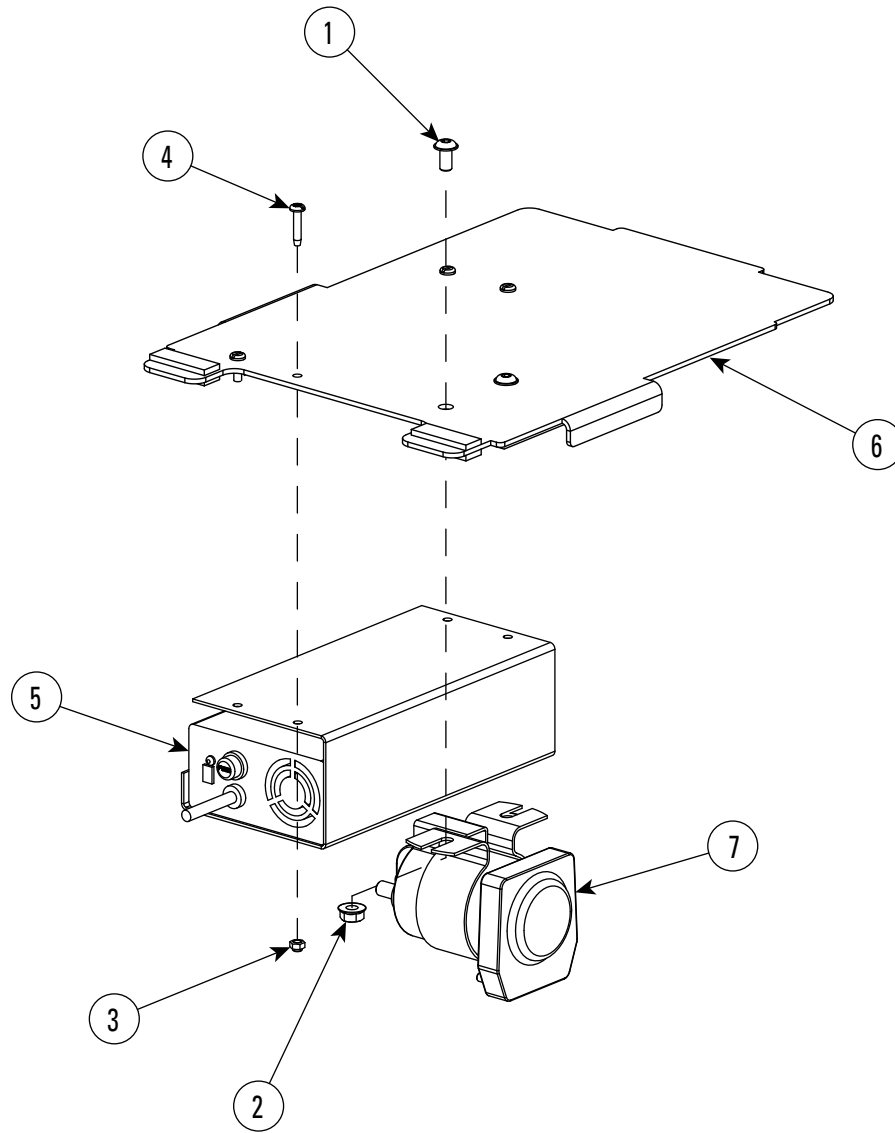
RIGHT HAND FRAME ASSEMBLY		
ITEM	PART NO.	DESCRIPTION
1	40004	#10-24 x 5/8 PFHMS, McMASTER-CARR # 90471A315 or EQUAL
2	40077	1/4"-20NC x 1" Lg FLGD HEX SOC BHCS, GRD2
3	40627	1/4"-20NC HEX NUT, PLTD
4	40779	1/4" EXT TOOTH LW
5	450957	#8-32NC NYLON LOCKNUTS
6	40022	#8-32NC X 1/2" Lg PHMS
7	FA7958-4	DC DISCONNECT SWITCH
8	FA966-8	FUSE HOLDER MOUNTING BRACKET
9	FA986-10	BATTERY CABINET RH FRAME
10	FA975	FUSE HOLDER
11	FA975-1	350 AMP FUSE
12	NP1030	PUSHBUTTON NAMEPLATE
13	NP470	MOTOR LOCATION WARNING LABEL
14	NP692	NAMEPLATE
	NP1066	NAMEPLATE
15	NP715	NAMEPLATE
16	P1483	LIMIT SWITCH ASSEMBLY
17	NP1067	SHOCKWAVE DECAL

Shockwave Detail



LEFT HAND FRAME ASSEMBLY		
ITEM	PART NO.	DESCRIPTION
1	41628	#4-40 NYLON INSERT LOCKNUT MMC #90633A005
2	796443	#4-40 x 1/2 Lg. PHMS, PLTD
3	FA966-17	SPLASH SHIELD
4	FA966-18	DOMED HEAD RIVET
5	FA966-21	SPACER
6	FA966-52	BATTERY CABINET LH FRAME FORMING
7	FA983	CHARGER INTERNAL POWER CORD

Shockwave Detail



LOWER SHELF ASSEMBLY		
ITEM	PART NO.	DESCRIPTION
1	40094	1/4"-20NC x 1/2" Lg FLGD HEX SOC BHCS
2	40641	1/4"-20NC HEX FLGD WZLOCK NUT, PLTD
3	450957	#8-32NC NYLON LOCK NUT
4	40022	#8-32NC x 1/2" LG. PHMS
5	FA966-62	24V 8A CHARGER ASSEMBLY
6	FA966-58	BATTERY CABINET SHELF WELD
7	FA976	DC CONTACTOR



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