



SPOA30/SPOA40/SPO40

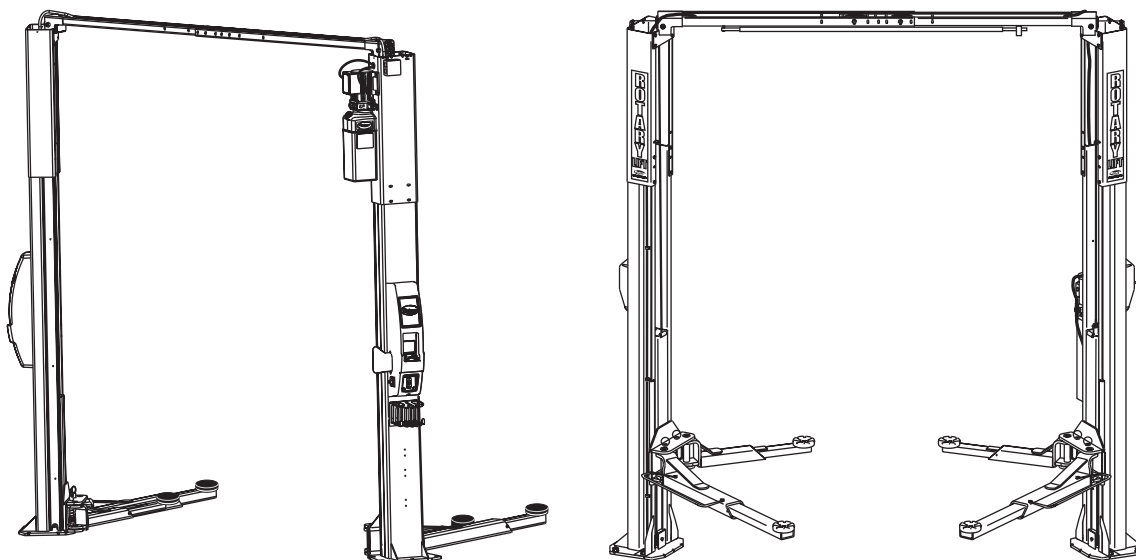
500 M Series And 700 E Series

Two Post Surface Mounted Lifts

SPOA30 Series Capacity: 3,100kg (775 kg per arm)

SPOA40 Series Capacity: 4,000kg (1,000kg per arm)

SPO40 Series Capacity: 4,000kg (1,000kg per arm)



P
A
R
T
S

B
R
E
A
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.

PB2-32-30

Rev. J 4/1/2015

M SERIES PARTS LIST

1	L.H. Column	N752	39	Equalizer Cables	
2	R.H. Column	N755		SPOA30.....	N384
3	Column Extension			SPOA30 EH-1 MODEL.....	N385
	Standard Height.....	N470		SPOA30 EH-2 MODEL.....	N386
	EH-1 MODEL.....	N471		SPOA40.....	N372
	EH-2 MODEL.....	N472		SPOA40 EH-1 MODEL.....	N378
	EH-4 MODEL (SPO40 only)	N474		SPOA40 EH-2 MODEL.....	N373
4	Carriage Yoke.....	N837		SPO40	N374
5	Arm Pin	N2154		SPO40 EH-1 MODEL	N379
6	3/8" -16NC x 3/4" Long Carriage Bolts	N/A		SPO40 EH-2 MODEL	N375
7	71" Hydraulic Cylinder.....	N382		SPO40 EH-4 MODEL	N376
*8	Power Unit		40	Carriage Bumper.....	FA950
	1Ø (SPOA30) (F model).....	*P1453/P3453	41	Locking Latch Cable	FJ7595-1
	1Ø (SPOA40/SPO40) (F model).....	*P1456/P3456		SPO40 EH-4 Model	FJ7600
	1Ø (SPO40) (F model 3-Stage Arms).....	P3522	42	Cable Guide.....	N618
	3Ø (SPOA30) (D model).....	*P1454/P3454	43	3/8" -16NC Flanged Locknut.....	40664
	3Ø (SPOA40/SPO40) (D model).....	*P1047/P3346	44	Sheave Shaft.....	FJ7444-8
	3Ø (SPO40) (D model 3-Stage Arms)	P3523	45	1/4" -20NC x 3/4" HHCS Grade 5.....	40104
	3Ø (SPOA30) (T model)	*P1455/P3455	46	Cable End Bracket	N619
	3Ø (SPOA40/SPO40) (T model)	*P1457/P3457	47	Hose Clip.....	N383
9	Power Unit Hose	FJ837	48	Front Shim	FJ7659-3
10	5/16" -18NC x 1-1/2" Flanged HHCS.....	40509	49	Horse Shoe Shim.....	FJ716-6
11	NA		50	Tee	FJ7668
12	5/16" -18NC Flanged Hex Nut.....	40678	51	N/A.....	N/A
13	Actuator Pin Handle	FJ7985-1	52	Photosensor Plug.....	FA5930-2
14	Actuator Pin.....	N121-2Y	53	1/4" -20NC Flanged Locknut.....	40641
15	Retaining Ring.....	41496	54	Spacer.....	FJ7871
16	Short Arm Restraint Spring	N1252Y	55	Limit Switch Assembly	N412
17	Strain Relief (1Ø Only)	P1164-4	56	1/4" External Tooth Lock Washer	40779
18	Carriage Bumper (152mm Lg.).....	FA941	57	3/8" External Tooth Lock Washer	40845
19	Arm Restraint Pawl.....	N2121	58	1-1/2" Lg. Spring Pin	14427
20	Approach Bumper (457mm Lg.).....	FJ7391-1	59	1/4" -20NC x 1" HHCS Grade 5.....	40108
21	5/8" -11NC Hex Nylon Insert Lock Nut	40780	60	Left Toe Guard	N137-1
22	Truarc #5304-75 Klipring for 3/4" Shaft.....	41411	61	Right Toe Guard	N138-1
23	Sheave.....	N377	62	Limit Switch.....	N411-1
24	1/4" -20NC Hex Nut.....	40627	63	Push Nut.....	FC5209
25	Sheave Cover.....	N119-1	64	L.H. Overhead (Outer).....	N480-1
26	1/4" -20NC x 3/8" Lg. PHMS Plated (2 pcs.).....	40063	65	R.H. Overhead (Inner).....	N481-1
27	Slider Block.....	FJ7360	66	Bleeder Screw.....	N/A
28	NA		67	Adapter Plate	FA7926
29	1-1/2" O.D. x .760-.770" I.D. x .045" Thk. Mach. Bushing.....	41388	68	5/16-18NC x 1/2" Socket Flat Head MS	40375
30	1/4" -20NC x 2-3/4" Hex Head Bolt.....	40114	69	Control Panel	
31	1/4" -20NC Nylon Insert Locknut.....	41423		1Ø	FA7928
32	1/4" Type A Plain Flat Washer			3Ø	FA7927
33	Switch Bar Assembly		70	#8-32NC x 3/8" Lg. Hex SHCS.....	40087
	SPOA30.....	N415	71	Overhead Mounting Bracket	N439
	SPOA40/SPO40.....	N467	72	Nylon Spacer	N1253Y
34	Spotting Wheel Dish Kit	FF729			
35	N/A.....	N/A			
36	3/8" -16NC x 3/4" Long Flanged HHCS	40134			
37	Slider Block Shim.....	N115			
38	Overhead Hose				
	SPOA30.....	FJ839			
	SPOA30 EH-1 MODEL.....	FJ842			
	SPOA30 EH-2 MODEL.....	FJ843			
	SPOA40 and SPO40.....	FJ839			
	SPOA40 and SPO40 EH-1 MODEL	FJ842			
	SPOA40 and SPO40 EH-2 MODEL	FJ843			
	SPO40 EH-4 MODEL	FJ845			

*Notes: F, D, or T Model?

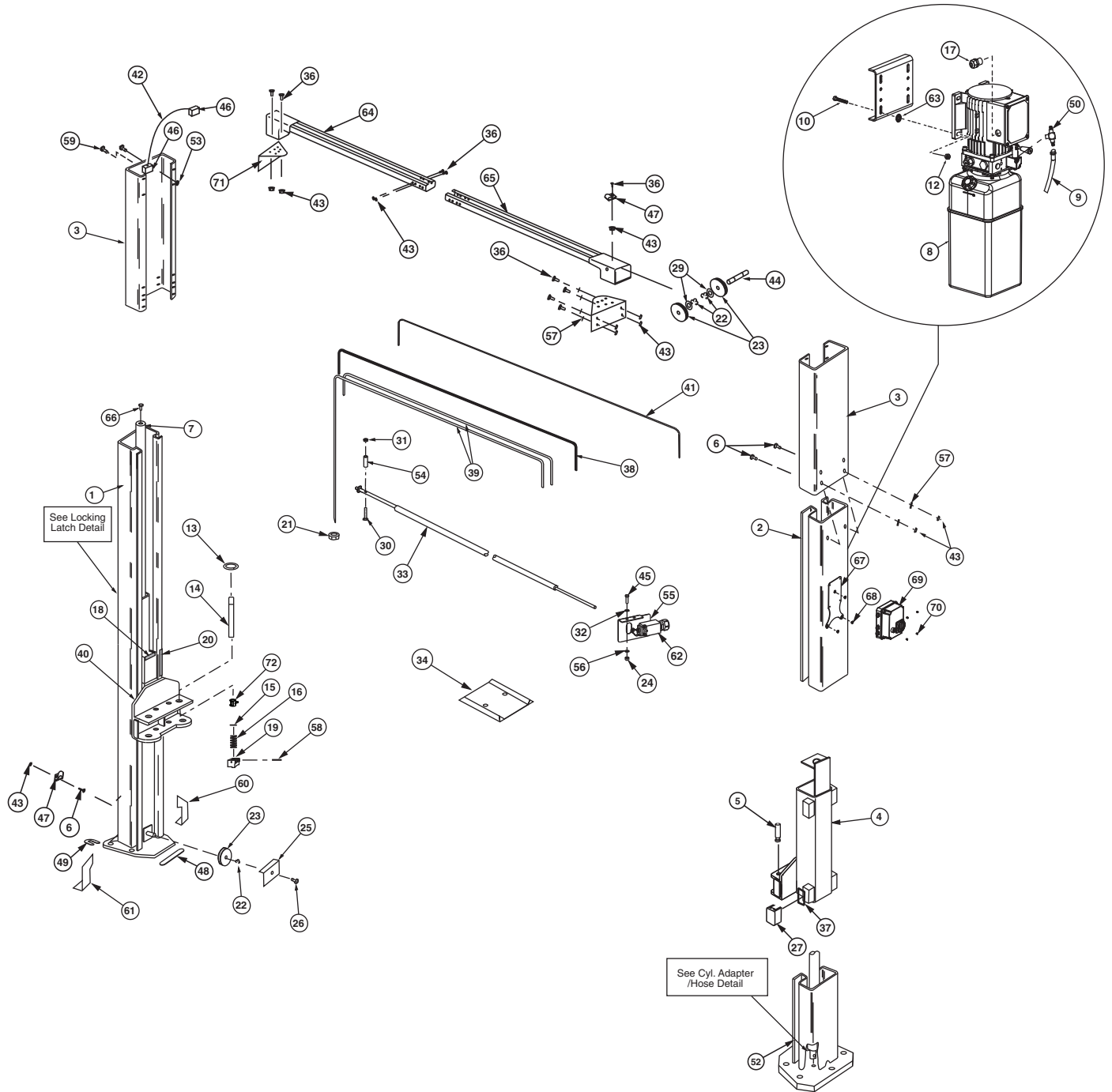
To find out if you have a F, D, or T model Power Unit look at the 4th letter from the end of your lift model number.

EXAMPLE: SPOA30MD585 would be a D Model.

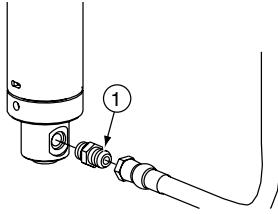
Model number can be found on a tag on the side of the lift.

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

M SERIES PARTS LIST

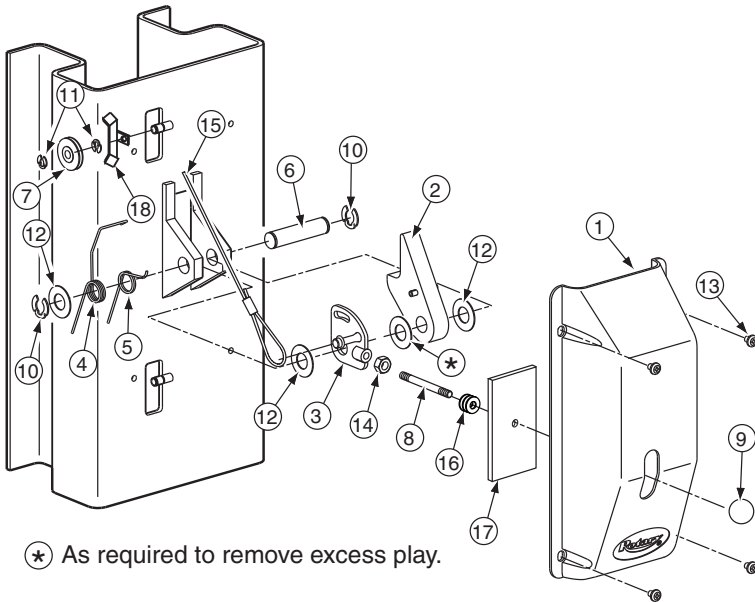


M SERIES PARTS LIST



CYLINDER ADAPTER/HOSE DETAIL PARTS LIST

Item	Description	Part No.
1	Straight Adapter	FJ7352-3

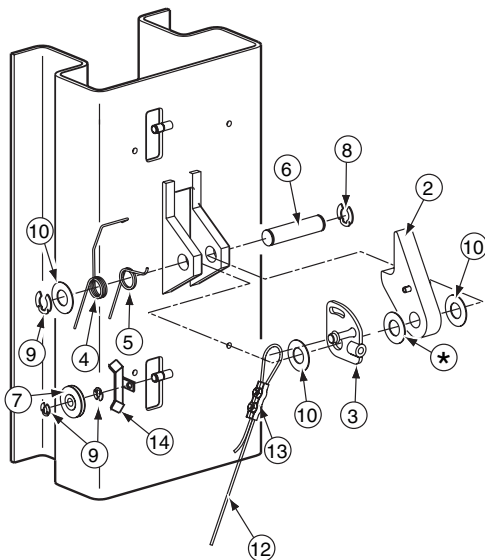


⊛ As required to remove excess play.

RIGHT COLUMN

LOCKING LATCH DETAIL PARTS LIST

Item	Description	Part No.
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 Klipping #5304-75 (for 3/4" Shaft).....	41411
11	Truarc Klipping #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. BHCS (Allen Socket).....	N/A
14	3/8" - 16NC Hex Jam Nut.....	40658
15	Locking Latch Cable.....	FJ7600
16	3/8" Flat Washer	40820
17	Slot Cover.....	N617
18	Latch Sheave Cover	N64



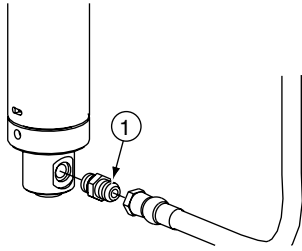
⊛ As required to remove excess play.

LEFT COLUMN

LOCKING LATCH DETAIL PARTS LIST

Item	Description	Part No.
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	Truarc Klipping #5304-75 (for 3/4" Shaft).....	41411
9	Truarc Klipping #5304-37 (for 3/8" Shaft).....	41410
10	1-1/2" O.D. x 3/4" I.D. x .045" Mach. Bush.	41388
11	5/16"-18NC x 3/8" Lg. BHCS (Allen Socket).....	N/A
12	Locking Latch Cable.....	FJ7595-1
	EH-4 for SPO40	FJ7600
13	Latch Cable Clamp.....	N63-1
14	Latch Sheave Cover	N64

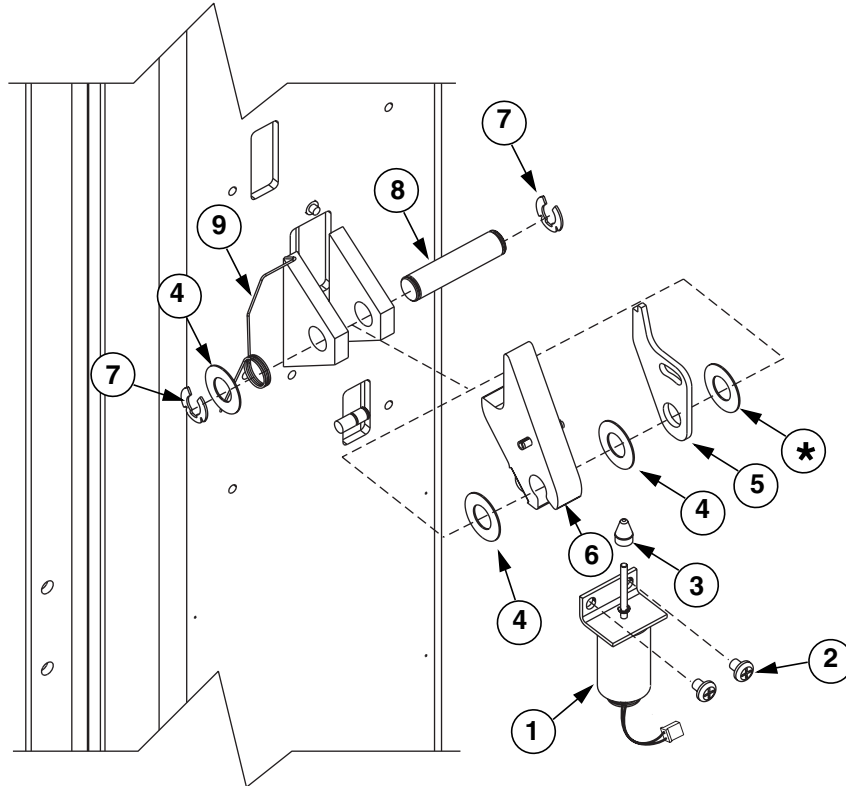
E SERIES PARTS LIST



CYLINDER ADAPTER/HOSE DETAIL PARTS LIST

Item	Description	Part No.
1	Straight Adapter	FJ7352-3

SOLENOID / LOCKING LATCH ASSEMBLY



LOCKING LATCH DETAIL PARTS LIST

Item	Description	Part No.
1	Solenoid	FA7484-6
2	5/16" - 3/8" PHMS.....	40227
3	Slider	N613-1
4	1-1/2" O.D. x 3/4" I.D. x .045 Mach. Bush.....	41388
5	Latch Control Plate.....	N613-3
6	Locking Latch.....	N616
7	Truarc Klipring #5304-75 (for 3/4" Shaft).....	41411
8	Latch Shaft.....	FJ7382-34
9	Latch Spring	N613-2

E SERIES PARTS LIST

1 L.H. Column	N752	42 3/8" -16NC Flanged Locknut.....	40664
2 R.H. Column	N752	43 Sheave Shaft.....	FJ7444-8
3 R.H. Column Extension		44 Slider Block Shim.....	N115
Standard Height	N470	45 Male Extension With O-Ring	N332
EH-1 MODEL.....	N471	46 Hose Clip.....	N383
EH-2 MODEL.....	N472	47 1/4" -20NC x 2-3/4" Hex Head Bolt.....	40114
EH-4 MODEL (SPO40 Only)	N474	48 1/4" Type A Flat Washer	40780
L.H. Column Extension		49 Female Swivel Tee	N331
Standard Height	N485	50 Switch Bar Assembly	
EH-1 MODEL.....	N486	(SPOA30).....	N415
EH-2 MODEL.....	N487	(SPOA40/SPO40).....	N467
EH-4 MODEL (SPO40 Only)	N489	51 3/8" -16NC x 1/2" Flanged HHCS	40122
4 Carriage Yoke.....	N837	52 1/4" -20NC x 3/4" HHCS Grade 5.....	40104
5 Arm Pin	N2154	53 1/4" External Tooth Lock Washer	40779
6 1/4" -20NC Locknut	41423	54 1/4" -20NC Hex Nut.....	40627
7 71" Hydraulic Cylinder.....	N382	55 Limit Switch Assembly	N412
*8 Power Unit		56 3/8" External Tooth Lock washer.....	40845
1Ø SPO40 (F model 3- Stage Arms).....	P3524	57 Spring Pin-1/4" dia. x 1-1/2" Lg. (Stainless).....	14427
1Ø SPO40 (F model 2-Stage Arms)	P3507	58 Hose Grommet.....	FA7180-32
3Ø SPOA30 (S model)	P3505	59 Screws for Control Panels And Tool Holders	
3Ø SPOA40/SPO40 (S model)	P3504	5/16" - 3/8" PHMS	10 REQ'D
9 Power Unit Hose	N368	60 Wire Grommet	FA7180-31
10 5/16" -18NC x 1-1/2" Flanged HHCS (Full Thread)	40509	61 Mounting Bracket.....	N439
11 Vibration Pad	P1164-3	62 Motor Harness.....	FA7611
12 5/16" -18NC Flanged Hex Nut.....	40678	63 3/8" -16NC x 3/4" Carriage Bolts	N/A
13 Actuator Pin Handle	FJ7985-1	64 Motor Cable	
14 Actuator Pin	N121-2Y	1Ø	FA7940
15 Retaining Pin.....	41496	3Ø	FA7952
16 Short Arm Restraint Spring	N1252Y	65 13" Bumper	FA950
17 Bleeder Screw (Specify Manufacturer)	N/A	66 NA	
18 Carriage Bumper	FA941	67 Master Control Assembly.....	FA7425
19 Arm Restraint Pawl.....	N2121	68 Slave Control Cover	FA7706
20 Approach Bumper.....	FJ927-1	69 Air Tool Holder.....	FA7520
21 5/8" -11NC Hex Lock Nut	40743	70 L.H. Overhead (Outer).....	N480-1
22 Truarc #5304-75 Klipping for 3/4" Shaft.....	41411	71 R.H. Overhead (Inner).....	N481-1
23 Sheave	N377	72 Nylon Spacer	N1253Y
24 Shim Kit.....	FA5112	73 Slave Control Cable Extension	
25 Sheave Cover.....	N119-1	2'	FA7805
26 1/4" -20NC x 3/8" Lg. PHMS Plated (2 pcs.).....	40063	4'	FA7806
27 Slider Block.....	FJ7360	74 Slave Harness.....	FA7705
28 NA			
29 1-1/2" O.D. x .760-.770" I.D. x .045" Bushing	41388		
30 Wiring Chase	FA928		
31 #8-32 Type B x 5/8" Lg. PHTS.	41457		
32 Web Cover.....	FA948		
33 Spacer.....	FJ7871		
34 Spotting Wheel Dish Kit.....	FF729		
35 N/A.....	N/A		
36 3/8" -16 NC x 3/4" Long Flanged HHCS	40124		
37 Overhead Hose.....			
Standard.....	N369		
EH-1/EH-2 MODEL.....	N371		
EH-4 MODEL (SPO40 Only)	N370		
38 Equalizer Cables.....			
SPOA30	N384		
SPOA30 EH-1 MODEL	N385		
SPOA30 EH-2 MODEL	N386		
SPOA40	N372		
SPOA40 EH-1 MODEL	N378		
SPOA40 EH-2 MODEL	N373		
SPO40	N374		
SPO40 EH-1 MODEL	N379		
SPO40 EH-2 MODEL	N375		
SPO40 EH-4 MODEL	N376		
39 Horse Shoe Shim.....	FJ716-6		
40 Front Shim	FJ659-3		
41 Limit Switch.....	N411-1		

*Notes: E or S Model?

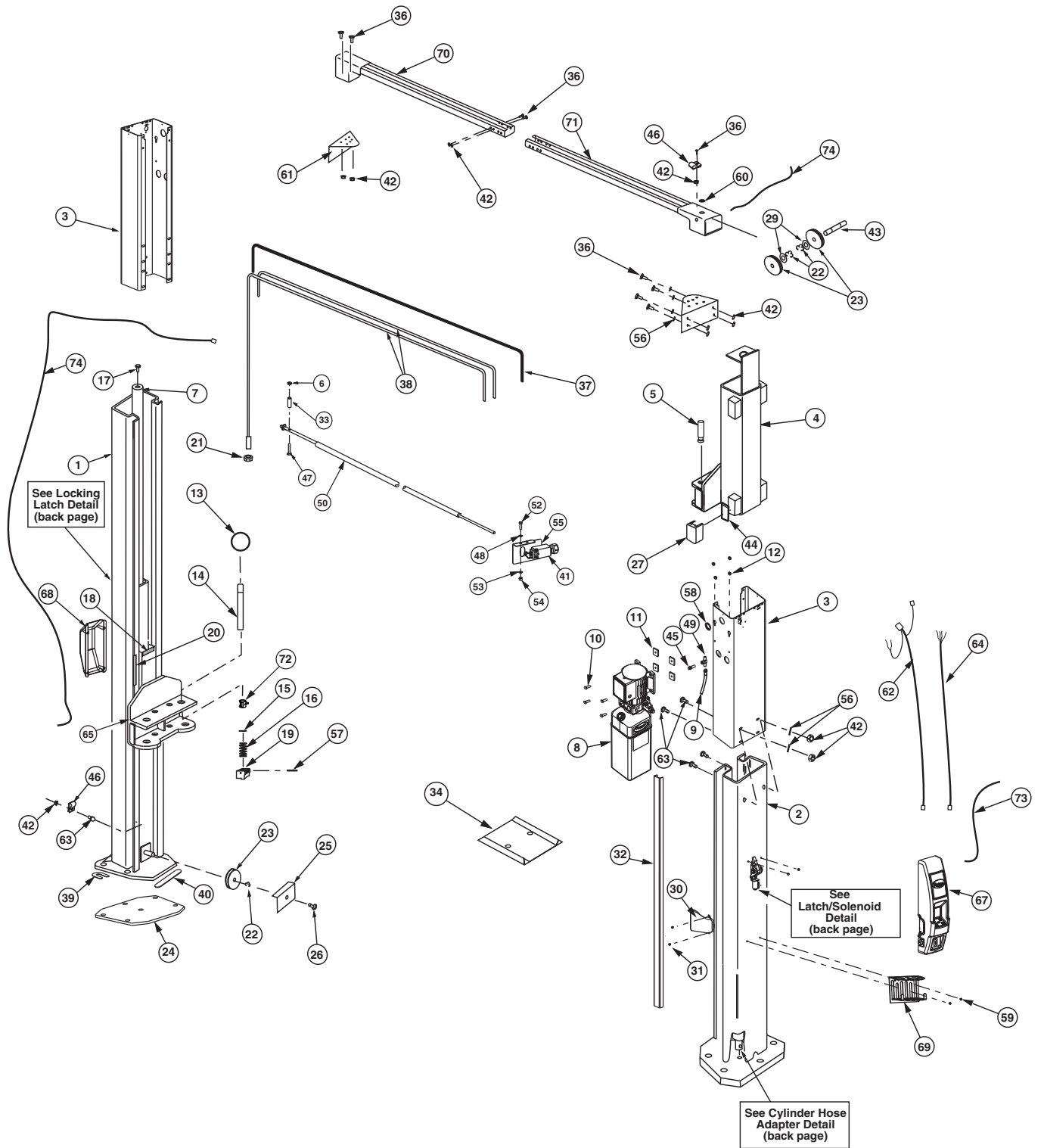
To find out if you have an E or S model Power Unit look at the 4th letter from the end of your lift model number.

EXAMPLE: SPOA30**EE**585 would be an E Model.

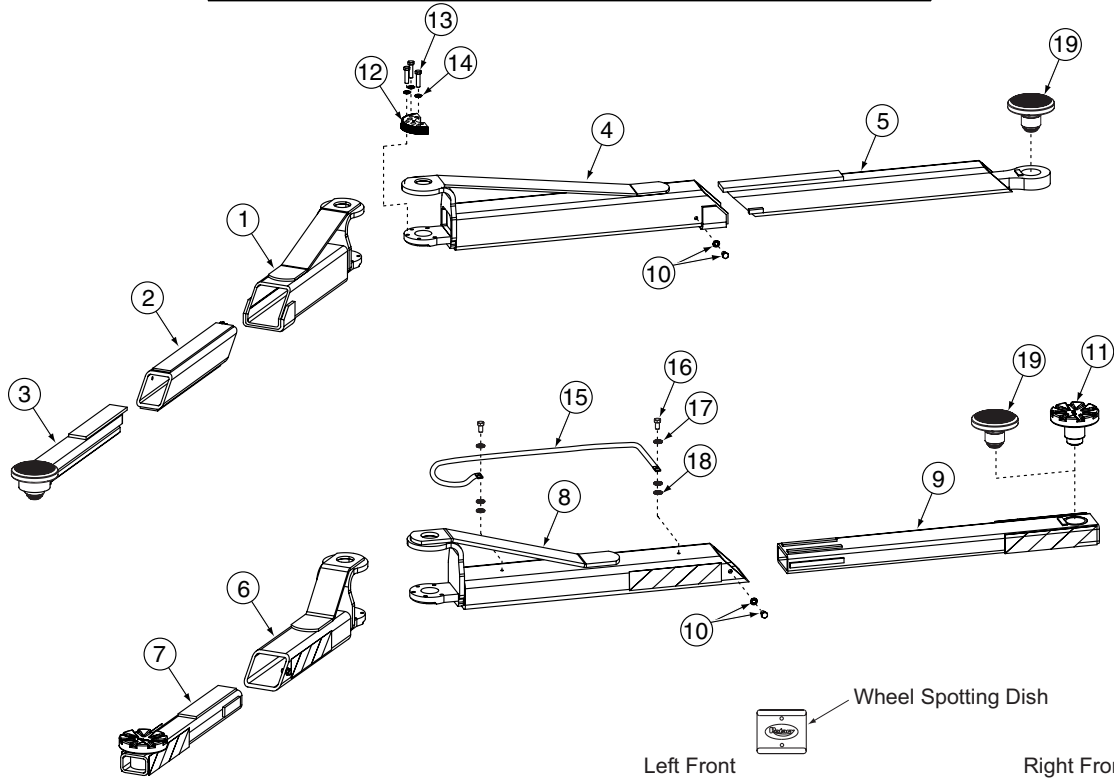


Model number can be found on a tag on the side of the lift.

E SERIES PARTS LIST



SPOA30/SPOA40/SPO40 ARM DETAIL



ARM DETAIL PARTS LIST

1	Front Outer 3-Stage Arm SPOA30/SPOA40 (5GX Series)	N2224-1
2	Front Middle 3-Stage Arm SPOA30/SPOA40 (5GX Series)	N2220-10
3	Front Inner 3-Stage Arm SPOA30/SPOA40 (5GX Series)	N2220-6
4	Rear Outer Arm SPOA30/SPOA40 (5GX Series)	N2225-1
5	Rear Inner Arm SPOA30/SPOA40 (5GX Series)	N2225-4
6	Front Outer Arm SPOA30	N2190-1
	SPOA40	N2192-1
	SPO40	N2194-1
7	Front Inner Arm SPOA30	N284-1
	SPOA40	N286-1
	SPO40	N288-1
8	Rear Outer Arm SPOA30	N2191-1
	SPOA40	N2193-1
	SPO40	N2194-1
9	Rear Inner Arm SPOA30	N285-1
	SPOA40	N287-1
	SPO40	N288-1
10	Stop Bolt Assembly 3/8" Internal Tooth Washer	40843
	3/8" -16NC x 5/8" Lg. HHCS Gr. 8, Plated	40155
11	Adapter Assembly	FJ6166
	Low Profile Adapter Assembly	FJ6191
12	Restraint Gear	N2122
13	3/8" -16NC x 1-1/2" HHCS Gr. 5, Plated	40200
14	3/8" Medium Spring Lock Washer	40818
15	Arm Guard SPOA30 (Rear)	N244-4
	SPOA40 (Rear)	N246-4
	SPO40 (Left Front/Right Rear/Left Rear)	N244-4
	SPO40 (Right Front)	N247-4
16	5/16" -18NC x 3/4" Lg. HHCS	40252
17	5/16" Medium Spring Lock Washer	40850
18	5/16" Flat Washer SAE Standard, Plated	40856
19	Low Profile 3-Stage Adapter	FJ6202

Rotary World Headquarters

2700 Lanier Drive
Madison, IN 47250, USA
www.rotarylifl.com

North America Contact Information

Tech. Support:
p 800.445.5438
f 800.578.5438
e userlink@rotarylifl.com
Sales:
p 800.640.5438
f 800.578.5438
e userlink@rotarylifl.com

World Wide Contact Information

World Headquarters/USA: 1.812.273.1622
Canada: 1.905.812.9920
European Headquarters/Germany: +49.771.9233.0
United Kingdom: +44.178.747.7711
Australasia: +60.3.7660.0285
Latin America / Caribbean: +54.3488.431.608
Middle East / Northern Africa: +49.771.9233.0

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