



SPOA30/SPOA40/SPO40 E, M & i Series (500 Series)

Two Post Surface Mounted Lifts

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

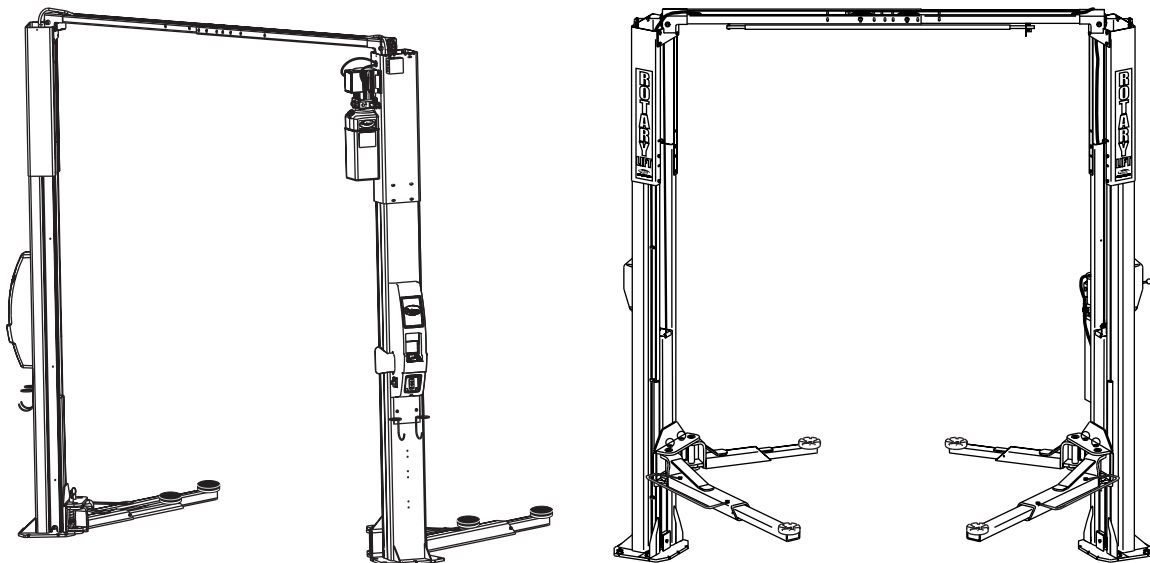
SPOA40 Series Capacity: 4,000kg (1,000kg per arm)

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



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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.

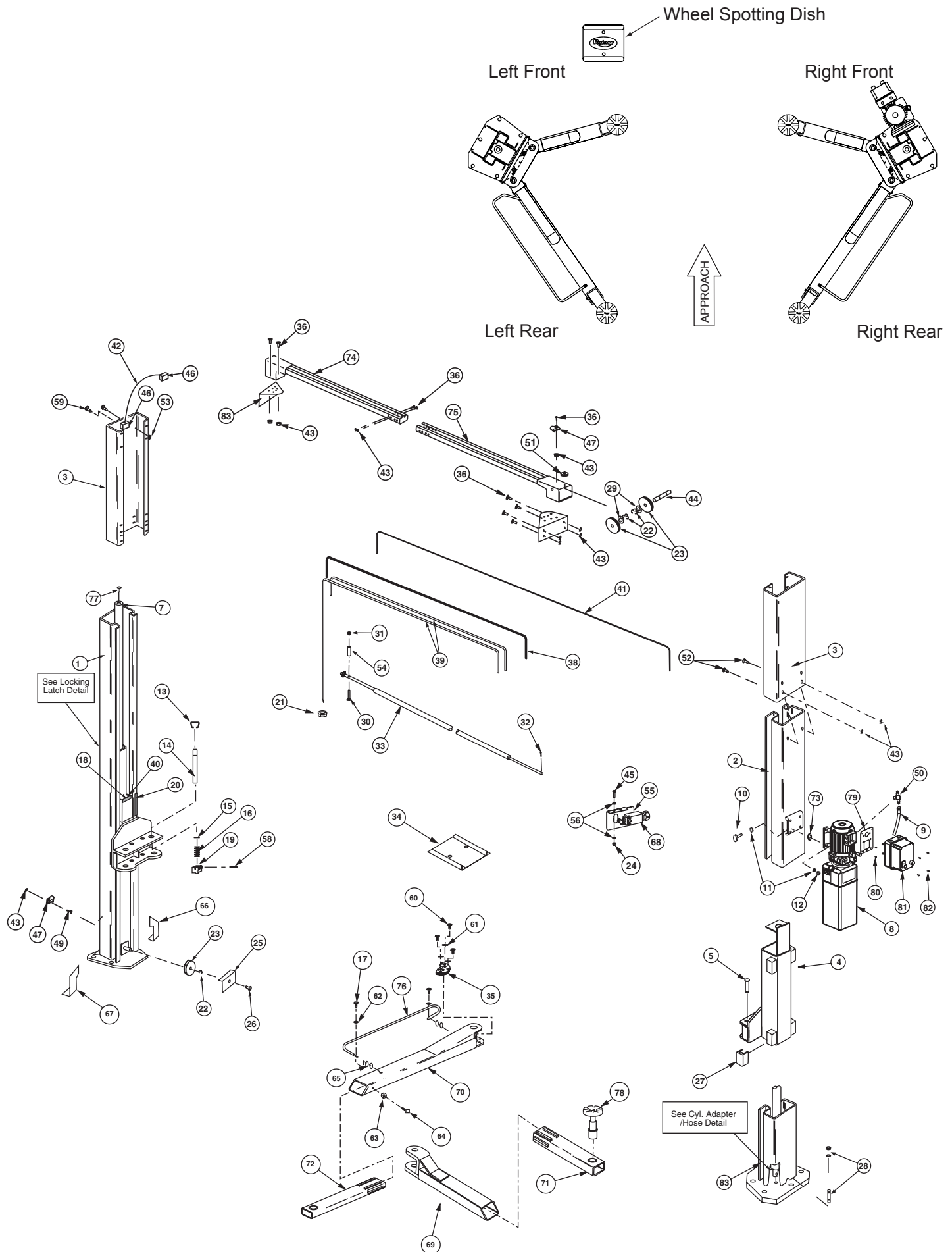
PB 2-32-16

Rev. A 12/16/2003

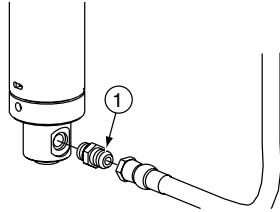
M SERIES PARTS LIST

1	L.H. Column Weldment	N752	40	Carriage Bumper (38mm Lg.)	FJ7391-5
2	R.H. Column Weldment	N755	41	Locking Latch Cable	FJ7595-1
3	Column Extension			SPO40 EH-4 Model	FJ7600
	Standard Height	N470	42	Cable Guide	N618
	EH-1 MODEL	N471	43	3/8"-16NC Flanged Locknut	40664
	EH-2 MODEL	N472	44	Sheave Shaft	FJ7444-8
	EH-4 MODEL (SPO40 only)	N474	45	1/4"-20NC x 3/4" HHCS Grade 5	40104
4	Carriage Yoke Weldment	N822	46	Cable End Bracket	N619
5	Arm Pin	N2154	47	Pipe Clip	N383
6	N/A	N/A	48	3/8" Bolts	40057
7	Hydraulic Cylinder	N343	49	5/16-18NC x 3/8" Slotted PHMS (For Columns)	40227
8	Power Unit		50	Tee	FJ7668
	SPOA30 1 PHASE	P1073-3	51	Wire Grommet	FA7180-31
	SPO40 and SPOA40 1 PHASE	P1073-2	52	3/8"-16NC x 1/2" Flanged HHCS	40122
	SPOA30 3 PHASE	P1071-3	53	1/4"-20NC Flanged Locknut	40641
	SPO40 and SPOA40 3 PHASE	P1071-2	54	19mm Spacer (2 req'd)	FJ7871
9	Power Unit Hose	FJ837	55	Limit Switch Assembly	N412
10	5/16"-18NC x 1-1/2" HHCS	40238	56	1/4" External Tooth Lockwasher	40779
11	5/16" External Tooth Lockwasher	40854	57	3/8" External Tooth Lockwasher	40845
12	5/16"-18NC Hex Nut	40670	58	1-1/2" Lg. Spring Pin	14427
13	Actuator Pin Handle	FJ7985-1	59	1/4"-20NC x 1" HHCS Grade 5	40108
14	Actuator Pin	N121-1	60	3/8"-16NC x 1-1/2" HHCS Grade 5 Plated	40200
15	Retaining Ring	N119-3	61	3/8" Medium Spring Lockwasher	40818
16	Arm Restraint Spring	FJ7656-2	62	5/16" Split Lockwasher	40850
17	5/16"-18NC x 3/4" HHCS	40252	63	3/8" Internal Tooth Washer	40843
18	Carriage Bumper (152mm Lg.)	FJ7391-2	64	3/8"-16NC x 5/8" Lg. HHCS Grade 8 Plated	40155
19	120T Gear Block	N2121	65	5/16" Flat Washer Plated SAE STD	40856
20	Approach bumper (457mm Lg.)	FJ7391-1	66	Left Toe Guard	N137-1
21	1/2"-13NC Hex Nylon Insert Lock Nut	40703	67	Right Toe Guard	N138-1
22	Truarc #5304-75 Klipring for 3/4" Shaft	41411	68	Limit Switch	N411-1
23	Sheave	N377	69	Front Outer Arm Weldment	
24	1/4"-20NC Hex Nut	40627		SPOA30	N2190-1
25	Sheave Cover	N119-1		SPOA40	N2192-1
26	1/4"-20NC x 3/8" Lg. PHMS Plated (2 pcs.)	40063		SPO40	N2194-1
27	Slider block	FJ7360	70	Rear Outer Arm Weldment	
28	20mm Concrete Anchor (10 req'd)	W140210		SPOA30	N2191-1
29	1-1/2" O.D. x .760-.770" I.D. x .045" Thick Mach. Bushing	41388		SPOA40	N2193-1
				SPO40	N2194-1
30	1/4"-20NC x 2-3/4" Hex Head Bolt	40114	71	Front Inner Arm Weldment	
31	1/4"-20NC Locknut	41423		SPOA30	N243-2
32	N/A	N/A		SPOA40	N245-2
33	Switch Bar Assembly			SPO40	N247-2
	SPOA30	N415	72	Rear Inner Arm Weldment	
	SPOA40	N467		SPOA30	N244-2
34	Spotting Wheel Dish Kit	FF729		SPOA40	N246-2
35	Restraint Gear	N2122		SPO40	N247-2
36	3/8"-16 NC x 3/4" Long Flanged HHCS	40134	73	Push Nut	40747
37	N/A	N/A	74	L.H. Overhead Weldment (Outer)	N480-1
38	Overhead Hose		75	R.H. Overhead Weldment (Inner)	N481-1
	SPOA30	FJ838	76	Arm Guard	
	SPOA30 EH-1 MODEL	FJ840		Front SPOA30M & SPOA40M	N/A
	SPOA30 EH-2 MODEL	FJ841		Left Front SPO40M	N244-4
	SPOA40 and SPO40	FJ839		Right Front SPO30M	N247-4
	SPOA40 and SPO40 EH-1 MODEL	FJ842		Rear SPOA30M & SPO40M	N244-4
	SPOA40 and SPO40 EH-2 MODEL	FJ843		Rear SPOA30M	N246-4
	SPO40 EH-4 MODEL	FJ845	77	Bleeder Screw	N/A
39	Equalizer Cables		78	Adapter Assembly	FJ6166
	SPOA30	N384	79	Adapter Plate	FA7132-2
	SPOA30 EH-1 MODEL	N385	80	5mm-.80 x 8mm lg. Flat Head MS	FA7152-1
	SPOA30 EH-2 MODEL	N386	81	Control Panel	FA7168
	SPOA40	N372	82	#8-32NCx1/2" lg. Pan Head Tapping Screw	FA7152-2
	SPOA40 EH-1 MODEL	N378	83	Overhead Mounting Bracket	N439
	SPOA40 EH-2 MODEL	N373	84	3/8"-16NC x 3/4" Long Flanged HHCS	40124
	SPO40	N374			
	SPO40 EH-1 MODEL	N379			
	SPO40 EH-2 MODEL	N375			
	SPO40 EH-4 MODEL	N376			

M SERIES PARTS LIST



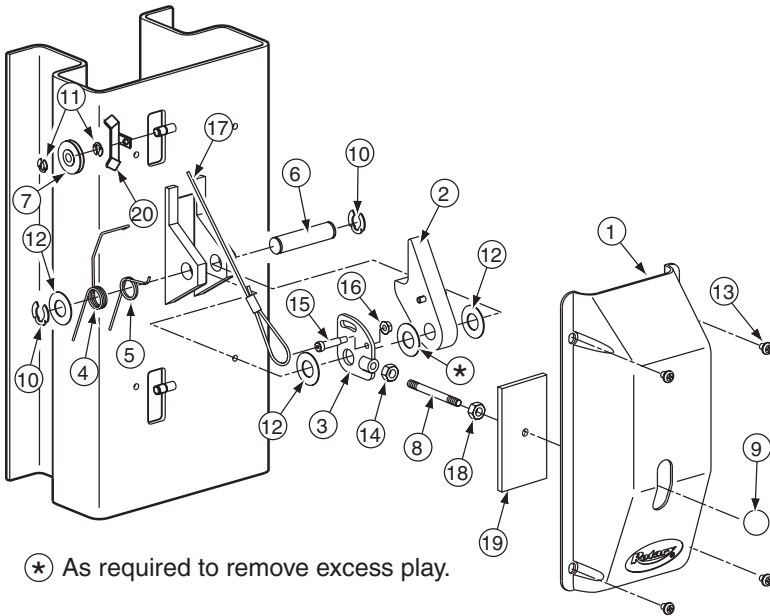
M SERIES PARTS LIST



CYLINDER ADAPTER / HOSE DETAIL

CYLINDER ADAPTER/HOSE DETAIL PARTS LIST

ITEM NO.	DESCRIPTION	PART NO.
1	Straight Adapter	FJ7352-3

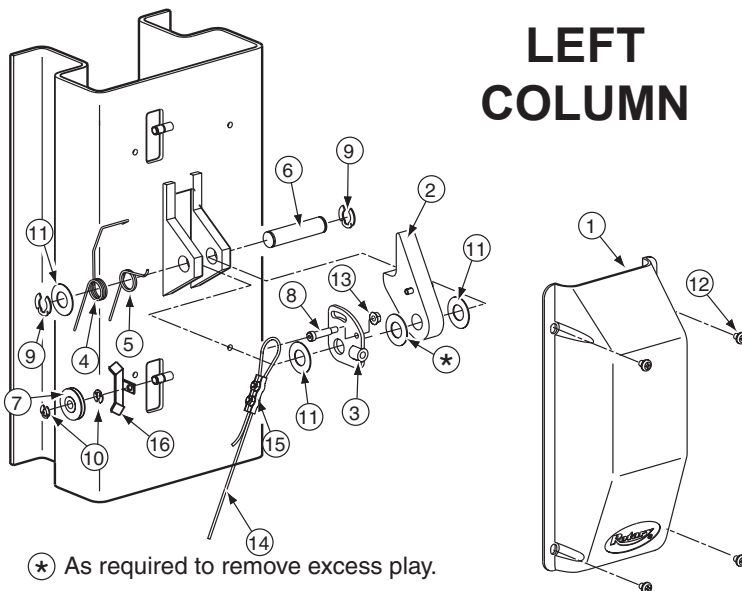


⊛ As required to remove excess play.

RIGHT COLUMN

LOCKING LATCH DETAIL PARTS LIST

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. BHCS (Allen Socket)	N/A
14	3/8" - 16NC Hex Jam Nut	40658
15	Shoulder Bolt, 5/16"-20 NC x 1-1/4"	40220
16	Flanged Locknut, 1/4" - 20NC	41423
17	Locking Latch Cable	FJ7595-1
	EH-4 for SPO9	FJ7600
18	1/2"-13NC Jam Nut (Spacer)	40700
19	Slot Cover	N617
20	Latch Sheave Cover	N64



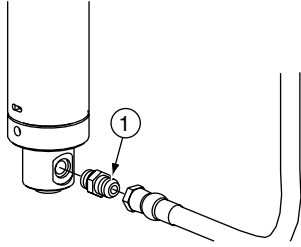
⊛ As required to remove excess play.

LEFT COLUMN

LOCKING LATCH DETAIL PARTS LIST

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	Shoulder Bolt 5/16"-20NC x 1-1/4"	40220
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. BHCS (Allen Socket)	N/A
13	Flanged Locknut, 1/4" - 20NC	41423
14	Locking Latch Cable	FJ7595-1
	EH-4 for SPO9	FJ7600
15	Latch Cable Clamp	N63-1
16	Latch Sheave Cover	N64

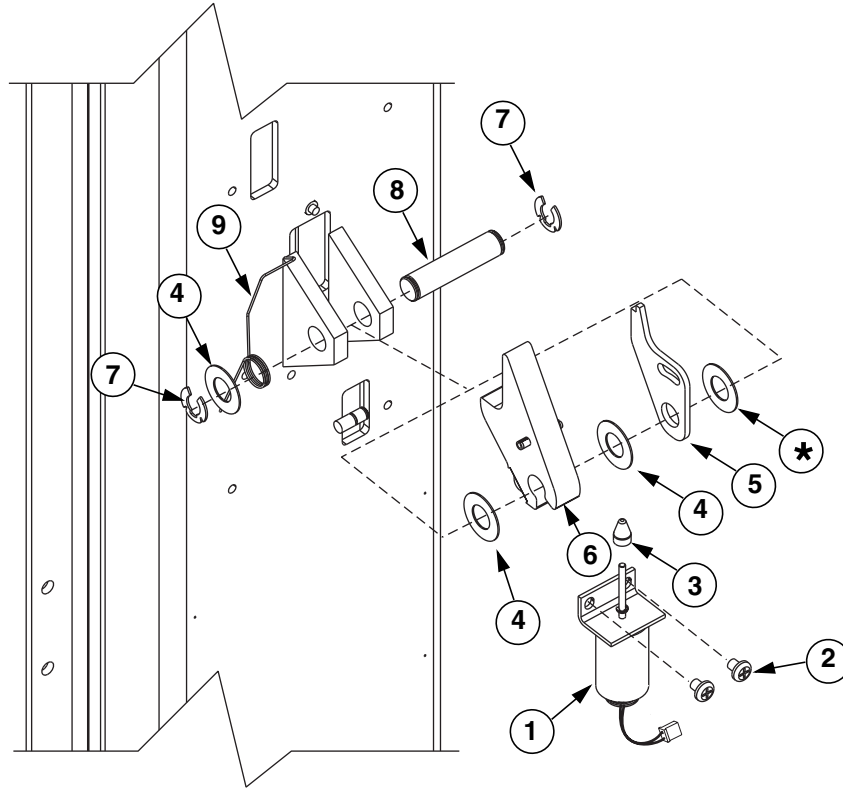
E AND i SERIES PARTS LIST



CYLINDER HOSE ADAPTER DETAIL

ITEM	DESCRIPTION	PART
1	Straight Adapter	FJ7352-3

SOLENOID / LOCKING LATCH ASSEMBLY



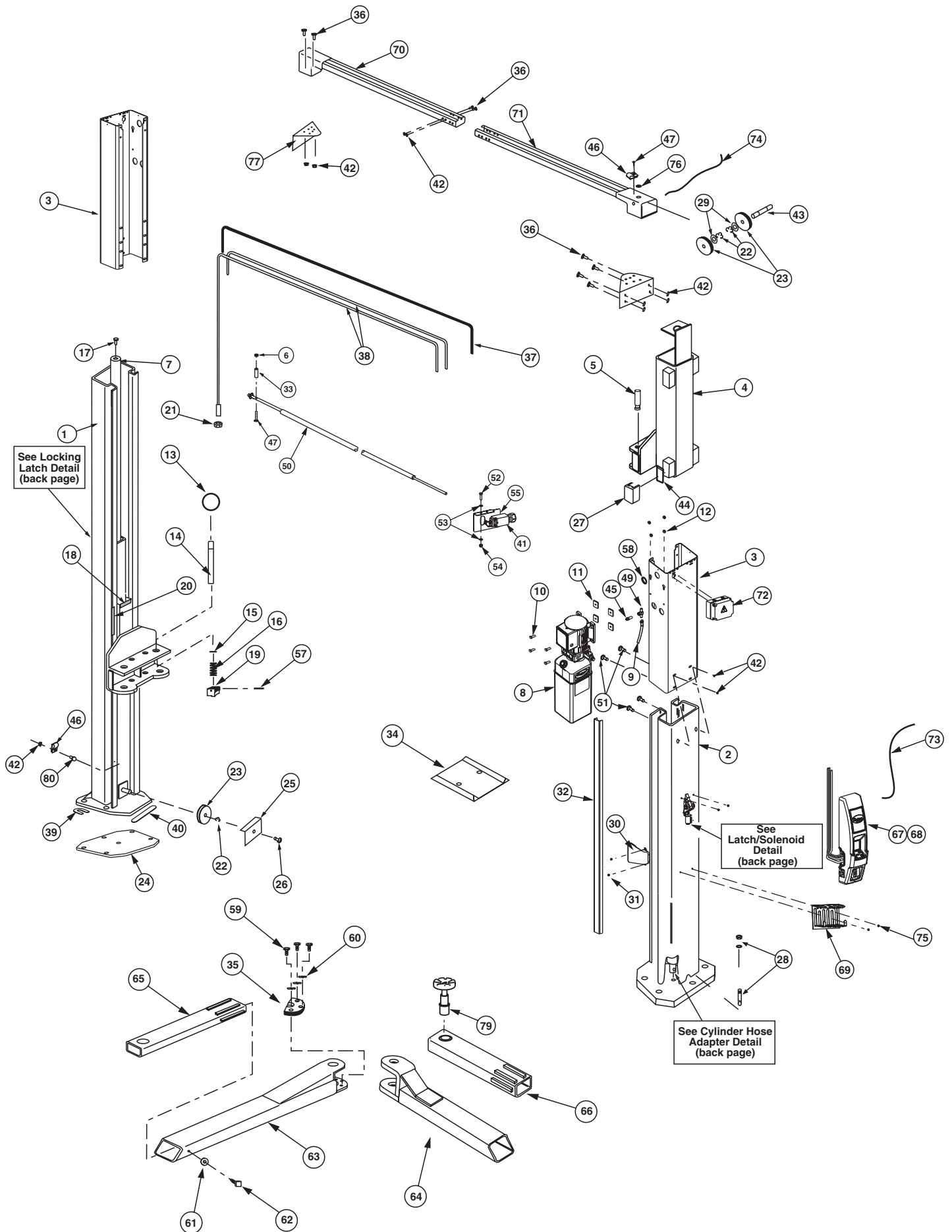
LOCKING LATCH DETAIL PARTS LIST

ITEM	DESCRIPTION	PART
1	Solenoid	N613
2	5/16" - 3/8" PHMS	40227 2 REQ'D
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	N613-4
7	Truarc Klipring #5304-75 for 3/4" Shaft	41411
8	Latch Shaft	FJ7382-34
9	Latch Spring	N613-2

E AND I SERIES PARTS LIST

1	L.H. Column Weldment	N752	58	Hose Grommet	FA7180-32
2	R.H. Column Weldment	N752	59	3/8"-16NC x 1-1/2" HHCS Grade 5	40200
3	L.H. Column Extension		60	3/8" Spring Washers	40818
	Standard Height	N470	61	3/8" Internal Tooth Washer	40843
	EH-1 MODEL	N471	62	3/8"-16NC x 5/8" Lg. HHCS Grade 8	40155
	EH-2 MODEL	N472	63	Rear Outer Arm Weldment	N2190-1
	R.H. Column Extension		64	Front Outer Arm Weldment	N2191-1
	Standard Height	N485	65	Rear Inner Arm Weldment	N243-2
	EH-1 MODEL	N486	66	Front Inner Arm Weldment	N244-2
	EH-2 MODEL	N487	67	Master Control Assembly	
4	Carriage Yoke Weldment	N822		3Ø/LCD	FA7303
5	Arm Pin	N2154		3Ø/Non-LCD	FA7302
6	1/4"-20NC Locknut	41423	68	Slave Control Panel	FA7301
7	71"Hydraulic Cylinder	N347	69	Air Tool Holder Weldment	FA5191
8	Power Unit	P1167	70	L.H. Overhead Weldment (Outer)	N480-1
9	Power Unit Hose	N368	71	R.H. Overhead Weldment (Inner)	N481-1
10	5/16"-18NC x 1-1/2" HHCS (Full Thread)	40271	72	Junction Box	FA925
11	Vibration Pad	P1164-3	73	Slave Control Cable Extension	
12	5/16"-18NC Hex Nut	40670		EH-1 Model	FA7180-42
13	Actuator Pin Handle	FJ7985-1		EH-2 Model	FA7180-43
14	Actuator Pin	N121-1	74	E-Stop Cables	
15	Retaining Pin	N119-3		Standard	FA7212-2
16	Arm Restraint Spring	FJ7656-2		EH-1/EH-2 MODEL	FA7212-7
17	Bleeder Screw (Specify Manufacturer)	N/A	75	Screws for Control Panels And Tool Holders	
18	Carriage Bumper	FJ7391-2		5/16" - 3/8" PHMS	10 REQ'D
19	120T Gear Block	N2121	76	Wire Grommet	FA7180-31
20	Approach Bumper	FJ7391-1	77	Mounting Bracket	N439
21	1/2"-13NC Hex Lock Nut	40703	78	Lower Photosensor Bracket	N482
22	Truarc #5304-75 Klpring for 3/4" Shaft	41411	79	Adapter Assembly	FJ6166
23	Sheave	N377	80	3/8"-16NC x 3/4" Carriage Bolts	N/A
24	Shim Kit	FA5112			
25	Sheave Cover	N119-1			
26	1/4"-20NC x 3/8" Lg. PHMS Plated (2 pcs.)	40063			
27	Slider block	FJ7360			
28	20mm Concrete Anchor	W140210			
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	19mm Spacer	FJ7871			
34	Spotting Wheel Dish Kit	FF729			
35	Restraint Gear	N2122			
36	3/8"-16 NC x 3/4" Long Flanged HHCS	40124			
37	Overhead Hose				
	Standard	N369			
	EH-1/EH-2 MODEL	N371			
38	Equalizer Cables				
	Standard	N384			
	EH-1 MODEL	N385			
	EH-2 MODEL	N386			
39	Horse Shoe Shim	FJ716-6			
40	Front Shim	FJ659-3			
41	Limit Switch	N411-1			
42	3/8"-16NC Flanged Locknut	40664			
43	Sheave Shaft	FJ7444-8			
44	Slider Block Shim	N115			
45	Male Extension With O-Ring	N332			
46	Hose Clip	N383			
47	1/4"-20NC x 2-3/4" Hex Head Bolt	40114			
48	5/16"-18NC x 3/8" PHMS	40227			
49	Female Swivel Tee	N331			
50	Switch Bar Assembly	N415			
51	3/8"-16NC x 1/2" Flanged HHCS	40122			
52	1/4"-20NC x 3/4" HHCS Grade 5	40104			
53	1/4" External Tooth Lockwasher	40779			
54	1/4"-20NC Hex Nut	40627			
55	Limit Switch Assembly	N412			
56	3/8" External Tooth Lockwasher	40845			
57	Spring Pin-1/4" dia. x 1-1/2" Lg. (Stainless)	14427			

E AND i SERIES PARTS LIST



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