



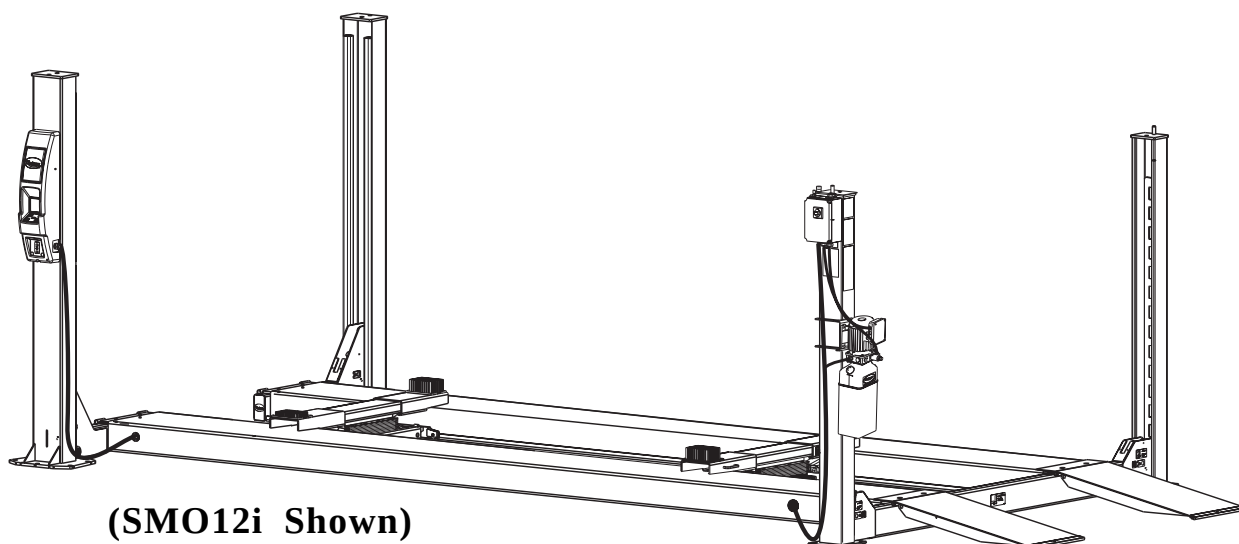
Open Front Lift

ARO12i, SMO12i Series

Four Post Surface Lift

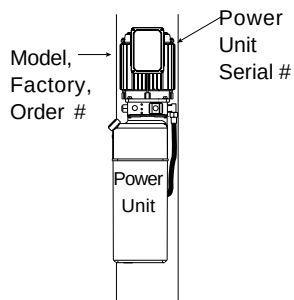
124" Minimum Wheel Base On EL2 Models

Cap. 12,000 lbs.
(6,000 lbs. per axle)



(SMO12i Shown)

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 motor.



OWNER'S RECORD

Complete information at right and keep in a safe place.

Date Installed _____

Installed In Bay # _____

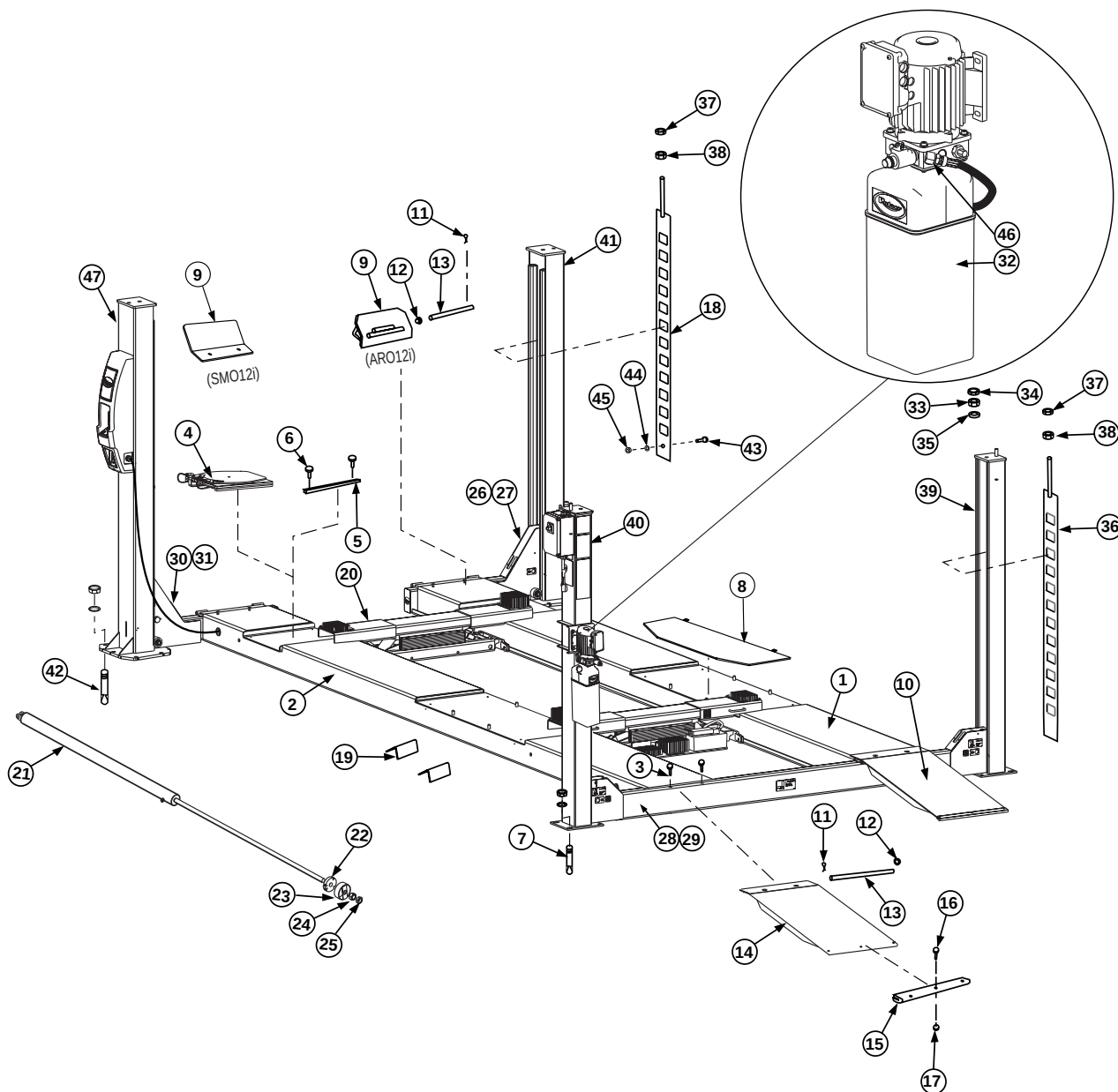
Std. Serial # _____

3 ph. Serial # _____

Factory Order # _____

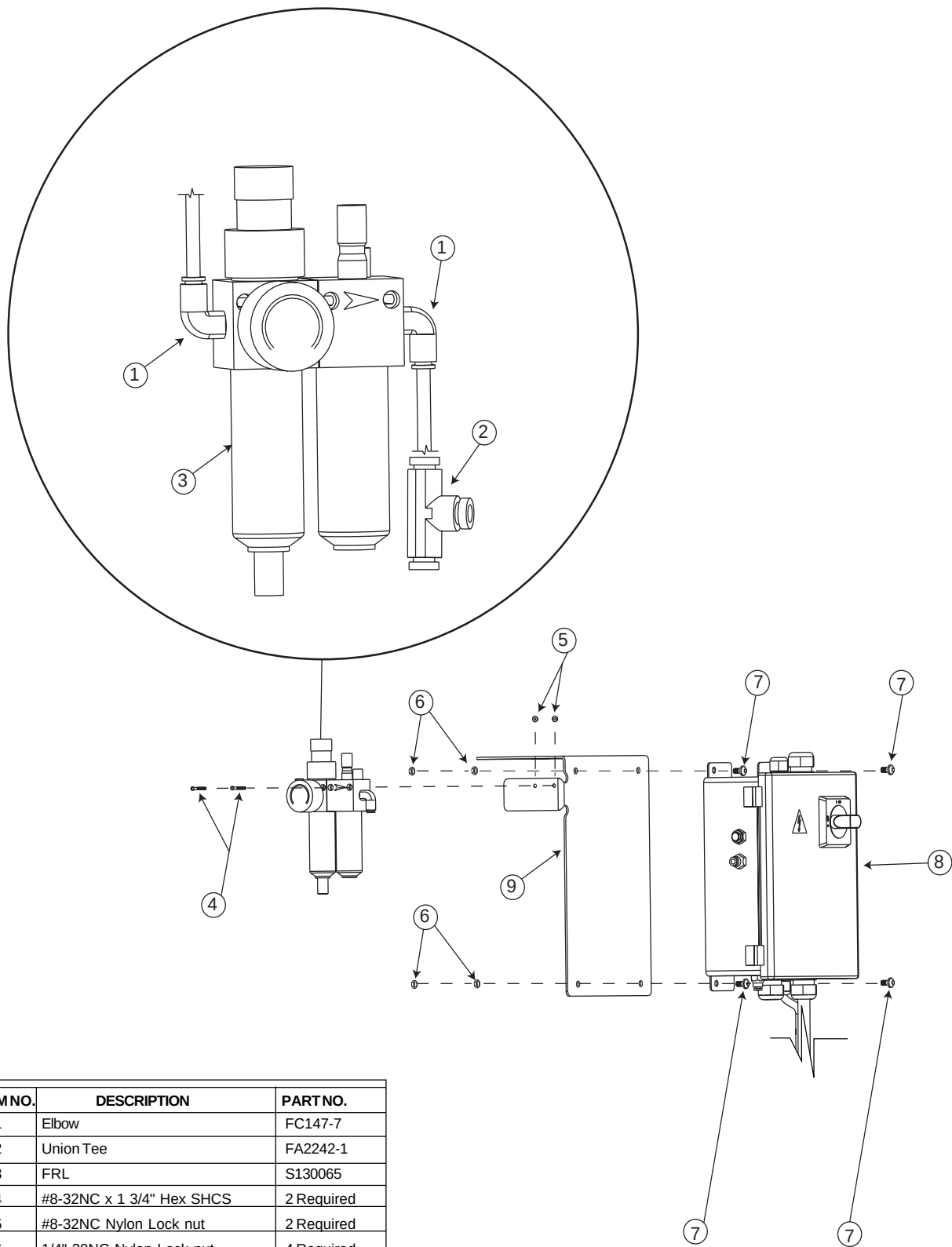
ATTENTION!!! READ ALL MANUALS THOROUGHLY BEFORE INSTALLING, OPERATING, OR MAINTAINING THE LIFT.

RUNWAYS		
LIFT MODEL	Left Hand Runway Assembly (Includes cylinder, cables and sleeves)	Right Hand Runway Weldment
ARO12E2i	S110083	S120042
ARO12i	S110081	S120120
ARO12Si	S110077	S120122
SMO12E2i	S110084	S120111
SMO12i	S110082	S120114
SMO12Si	S110078	S120117
SMO12S Ni	S110080	S120117



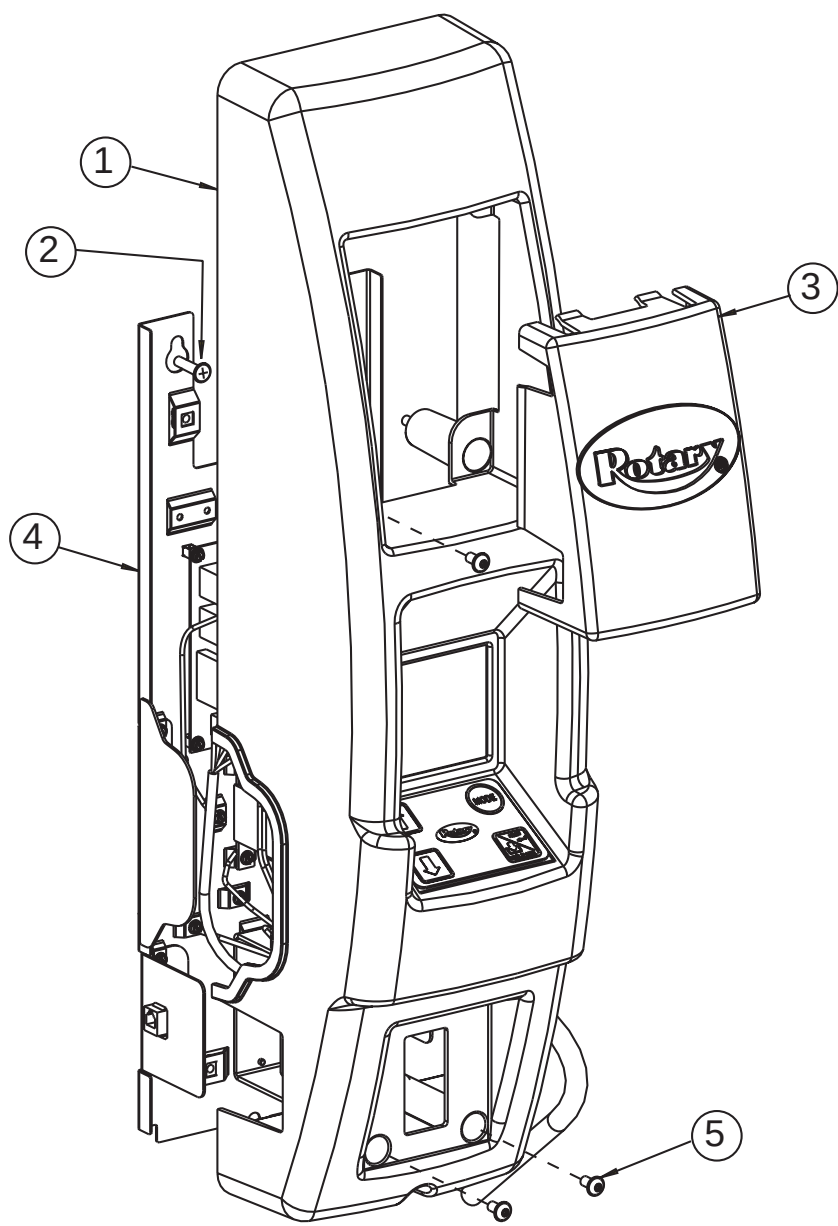
SMO / ARO12i PARTS				
ITEM NO.	DESCRIPTION		PART NO.	
			SMO12i/ARO12i	
1	R.H. Runway Assembly		Refer to Table on Opposite Page	
2	L.H. Runway Assembly (Includes cylinder, cables and sheaves)			
3	1/2" — 13NC x 1 1/4" Flg. Whiz-Lock HHCS (High Strength)		40279	
4	Turning Radius Gauge Ass'y.	stainless steel version	FA5153	
5	Turntable Guide Bar	stainless steel version	FA5153-1	
6	5/16"-18NC x 5/8" Whiz-Lock		40273	
7	5/8" Anchor Bolt		FC5228	
8	Rear Slip Plate Kit *	* For Slip Plate Parts, See Slip Plate Parts Breakdown - Later In Booklet		FC5249
9	Wheel Stop	FC134-13(ARO)	FC342(SMO)	
10	Ramp Chock Assembly		S110016	
11	5/32" x 1" Lg. Cotter Pin		41202	
12	5/8" Push Nut Fastener — TRW #PW625019 Or Equal		FC5179-4	
13	Hinge Pin		FC134-99	
14	Ramp Chock Weld		S120072	
15	Ramp Chock Slide		FC134-33	
16	#10-24NC x 3/4" SLTRUSSHMS		40050	
17	#10-24NC Flg. Whiz-Lock Nut		40633	
18	Front Latch Bar		S120030	
19	Triangular Wheel Chock		FC320	
20	Rolling Jack		RJ6000	
21	Hydraulic Cylinder		S130002	
22	Cable Pull Bar		S120075	
23	Cable Retainer		S120068	
24	1 3/8"-6NC Hex Nut		40771	
25	1 3/8"-6NC Hex Jam Nut		40773	
26	Right Front Yoke Weldment		S120091	NARROW BAY S120138
27	Right Front Yoke Ass'y (Including Latches)		S110048	S110051
28	Rear Yoke Weldment		S120095	S120161
29	Rear Yoke Ass'y (Including Latches)		S110024	S110063
30	Left Front Yoke Weldment		S120089	S120137
31	Left Front Yoke Assembly (Including Latches)		S110047	S110050
32	Power Unit	Single Phase	P1170	
		3-phase	P1171	
33	7/8"-9NC Hex Nut		40765	
34	7/8-9NC Hex Jam Nut		40766	
35	7/8" Flat Washer		41073	
36	Rear Latch Bar		S120028	
37	3/4"-10NC Hex Jam Nut		40759	
38	3/4"-10NC Hex Nut		40760	
39	Rear Column		S120032	
40	Power Unit Column		S120228	
41	Front Column		S120036	
42	3/4" x 5-1/2" Anchor Bolt		FJ7380	
43	Bolt		40115	
44	Washer		40782	
45	Nut		40642	
46	Elbow		P1028-4	
47	Master Control Column		S120214	

FRL / ADAPTER BRACKET / REAR ENCLOSURE

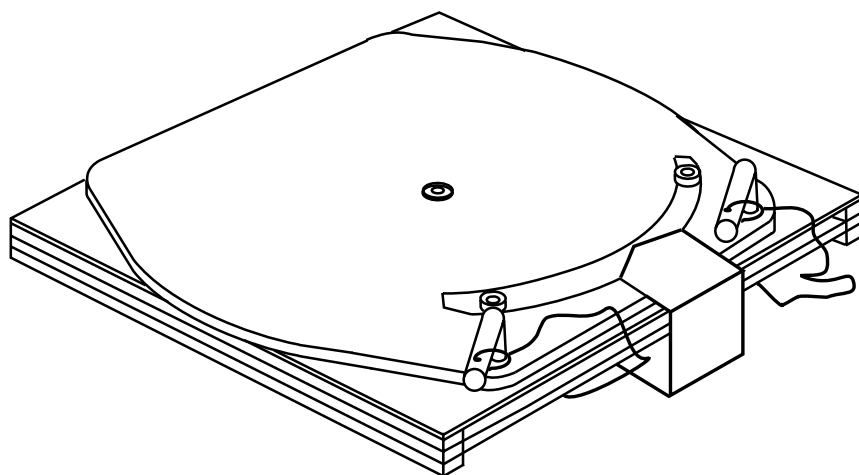


ITEM NO.	DESCRIPTION	PART NO.
1	Elbow	FC147-7
2	Union Tee	FA2242-1
3	FRL	S130065
4	#8-32NC x 1 3/4" Hex SHCS	2 Required
5	#8-32NC Nylon Lock nut	2 Required
6	1/4"-20NC Nylon Lock nut	4 Required
7	1/4"-20NCx1/2 FLG. SOC. BHCS	4 Required
8	Rear Enclosure	FA7189
9	Adapter Bracket	S120227

MASTER CONTROL PANEL

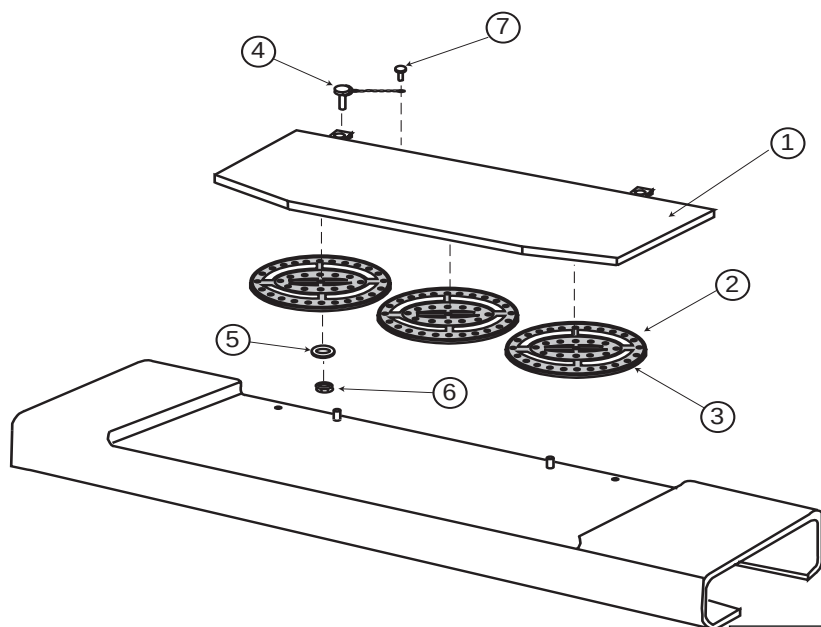


ITEM NO.	DESCRIPTION	PART NO.
1	4 Post Enclosure Assembly	FA7188-2
2	5/16"-18NCx3/8" Lg. PHMS 40224	3 Required
3	Access Panel	FA7180-30
4	Master Control Plate Assembly	FA7188-1
5	1/4"-20NCx1/2" Lg. FLGD HEX SOC BHCS, GRD 2	4 Required

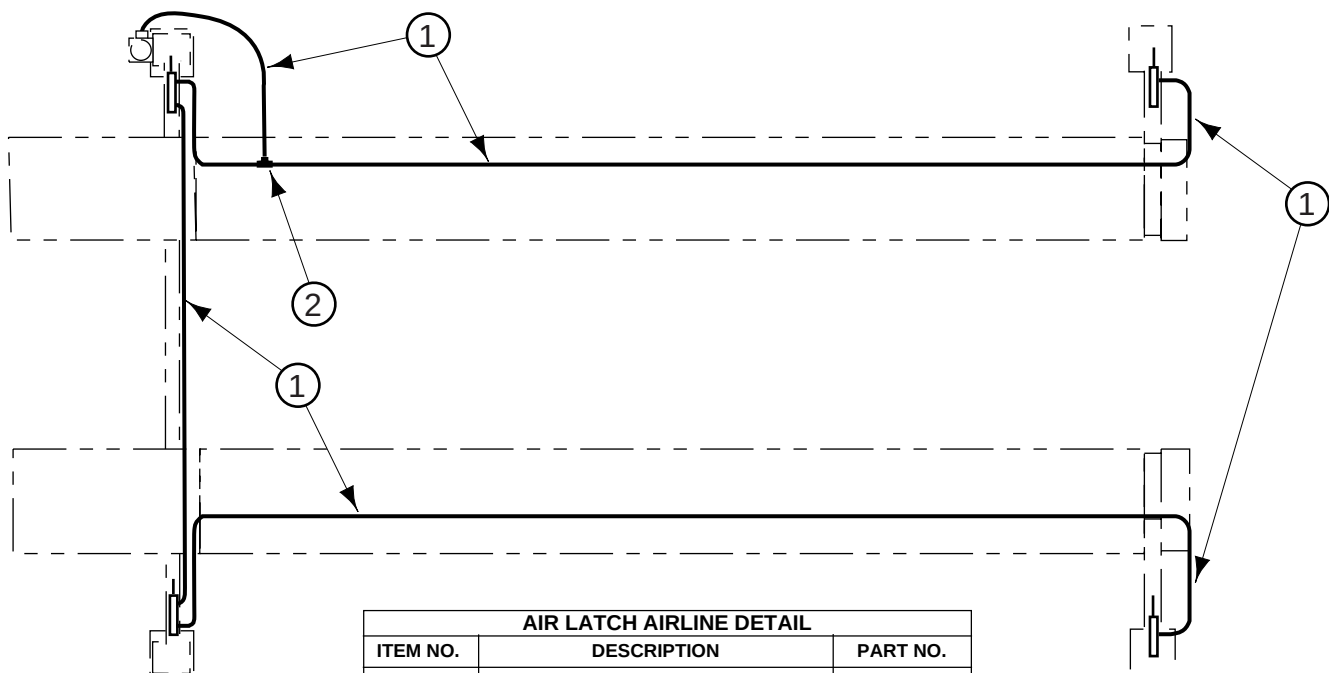


Radius Gauge Rebuild Kits	
Stainless Steel:	FA5153-2
Carbon Steel	FA5157-1

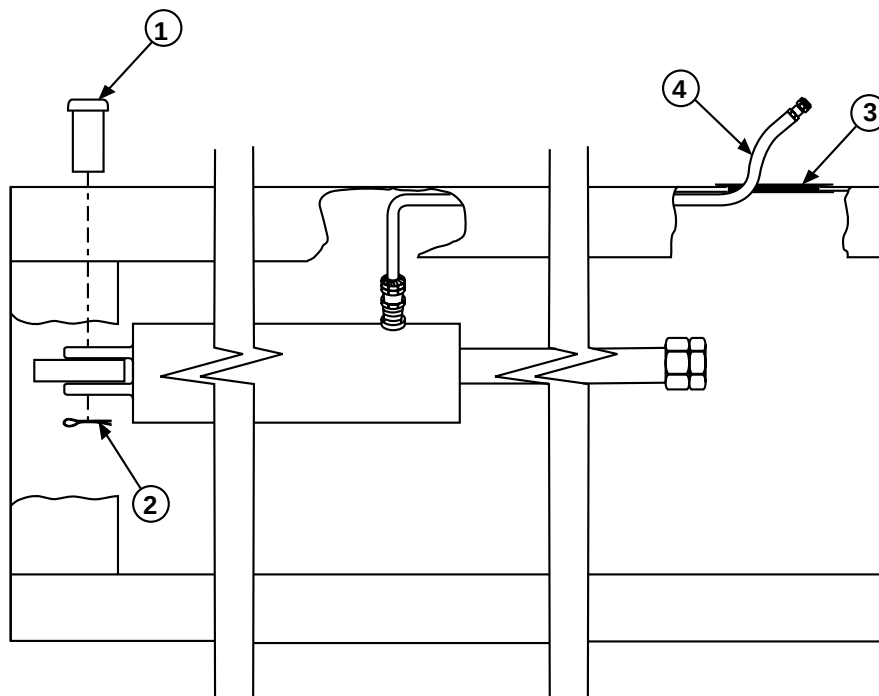
Kits include:	
Delrin Balls	54
Zinc Internal Lock Washers	2
Carbon Springs	8
Bearing Retainers	2
Top Taper Screws	2
Bottom Set Screws	2



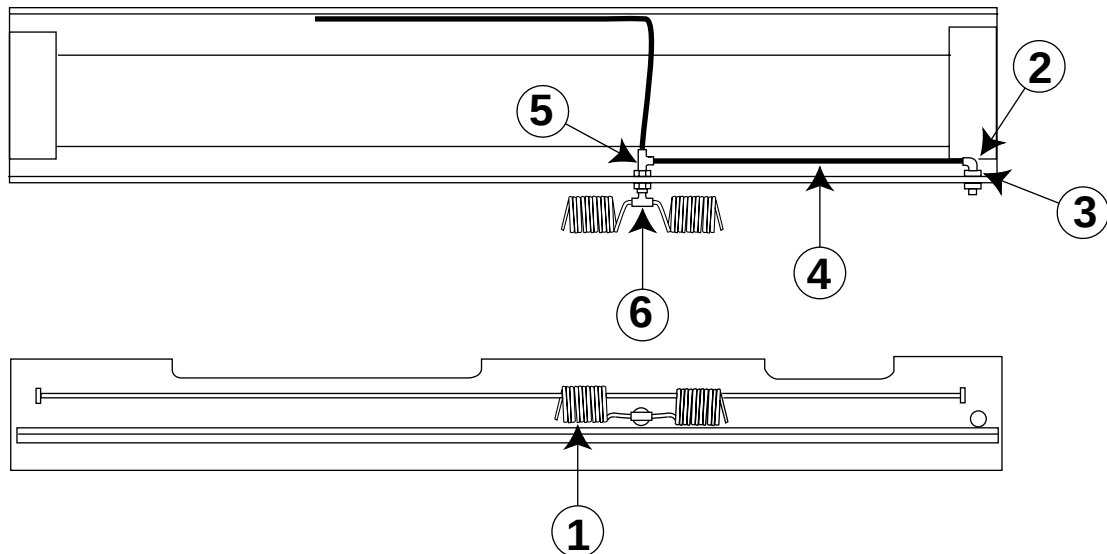
4 WS SLIP PLATE PARTS		
ITEM NO.	DESCRIPTION	PART NO.
1	Slip Plate Weldment	FC5190-16
2	Ball Retainer Assembly	FC5190-31
3	Ball	FC5190-7
4	Lock Pin Assembly	FC5283
5	7/16" SAE Washer	41073
6	3/8"-16NC Nylon Insert Jam Nut	40658
7	1/4"-20NC PNHDMS CD PLT x 3/8" Lg.	40067
Slip Plate Rebuild Kit Includes: (3) Ball Retainer Assembly FC5190-31 (108) Balls, FC5190-7 (3) 7/16" SAE Washer (3) 3/8"-16 Nylon Inset Jam Nut		FC5190-30



AIR LATCH AIRLINE DETAIL		
ITEM NO.	DESCRIPTION	PART NO.
1	1/4" Airline Tubing (50' roll)	FA2230-2
2	1/4" Union Tee	FC5225-46

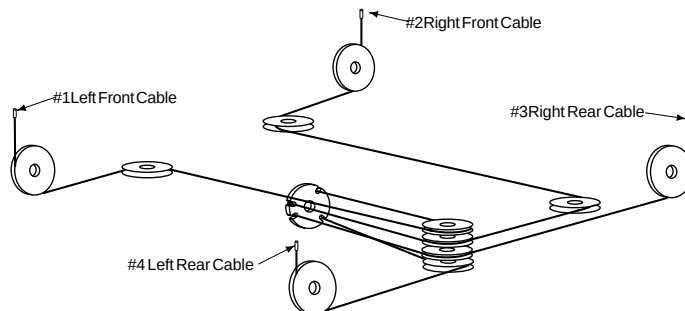


HYDRAULIC HOSE DETAIL		
ITEM NO.	DESCRIPTION	PART NO.
1	Clevis Pin	FC5346-1
2	3/16" x 1 1/4" Lg. Cotter Pin	41247
3	Grommet	S130063
4	Hose	S130012

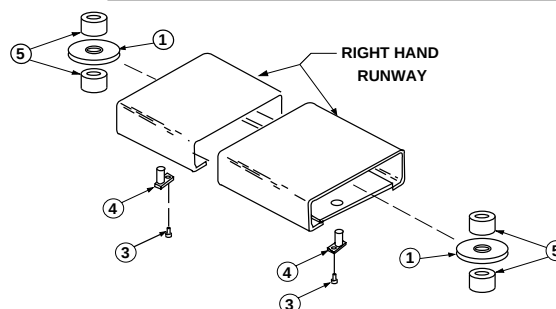
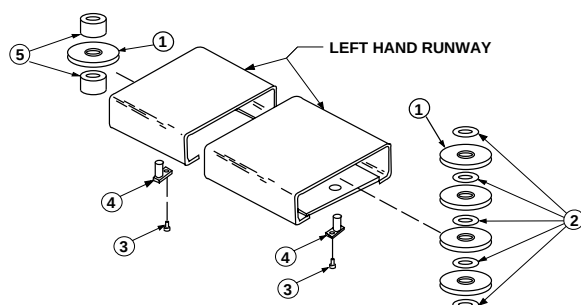


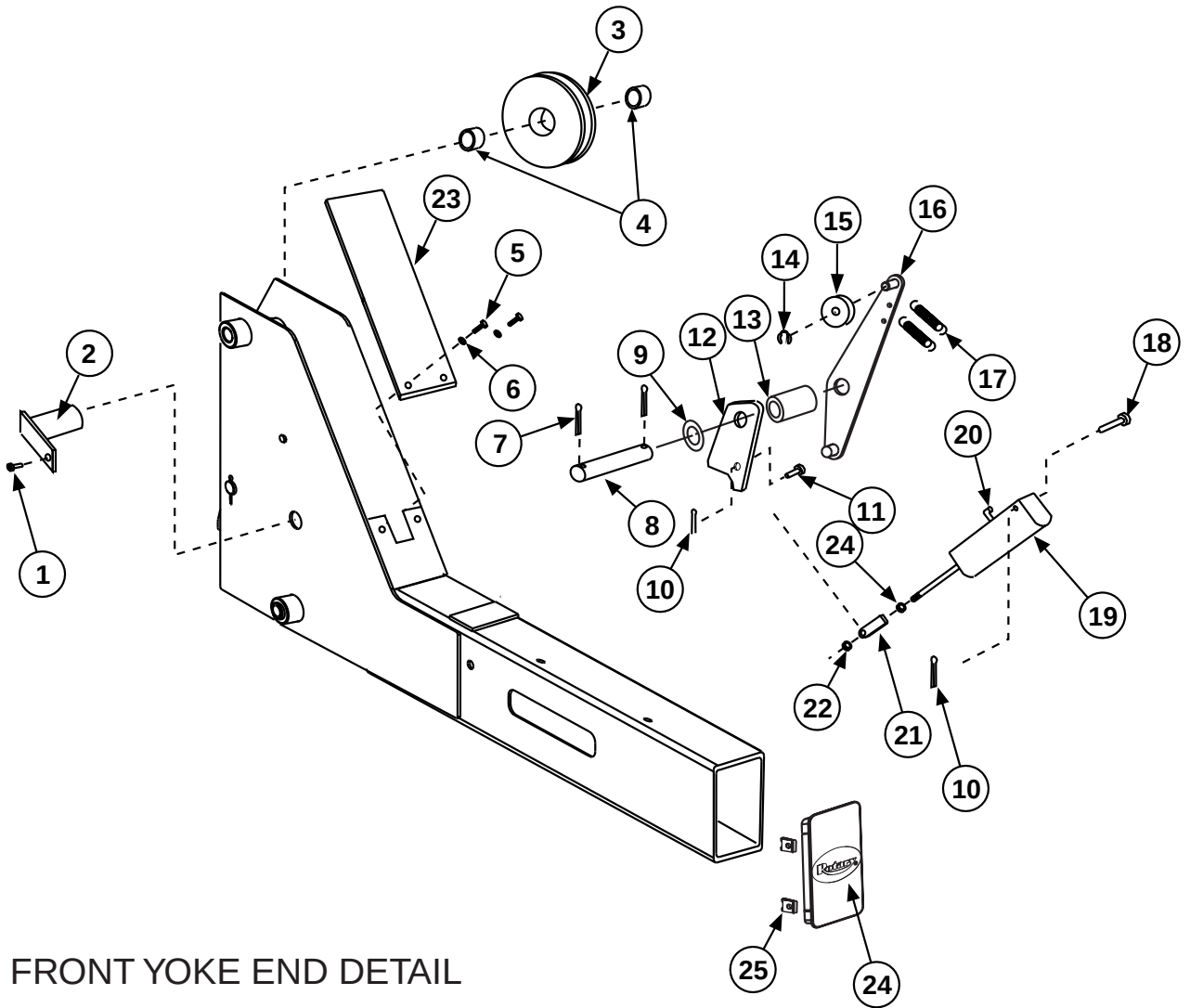
INTERNAL AIRLINE PARTS		
ITEM NO.	DESCRIPTION	PART NO.
1	Recoil Hose	FC147-14
2	Male Elbow 1/4" NPT - 3/8" Tube	FC147-7
3	Female Bulkhead 1/4" NPT	FC147-1
4	3/8" Airline Tubing - 40' Roll	FA2230-15
5	Male Run Tee 1/4" NPT - 3/8" Tube	FC147-3
6	Male Branch Tee 1/4" NPT	FC147-5

CABLES					
ITEM NO.	DESCRIPTION	PART NO.			
		158 1/2" WB	182 1/2" WB	206 1/2" WB	158 1/2" WB
1	Left Front Cable	S130030	S130028	S130022	S130034
2	Right Front Cable	S130031	S130029	S130023	S130035
3	Right Rear Cable	S130019			S130039
4	Left Rear Cable	S130018			S130038



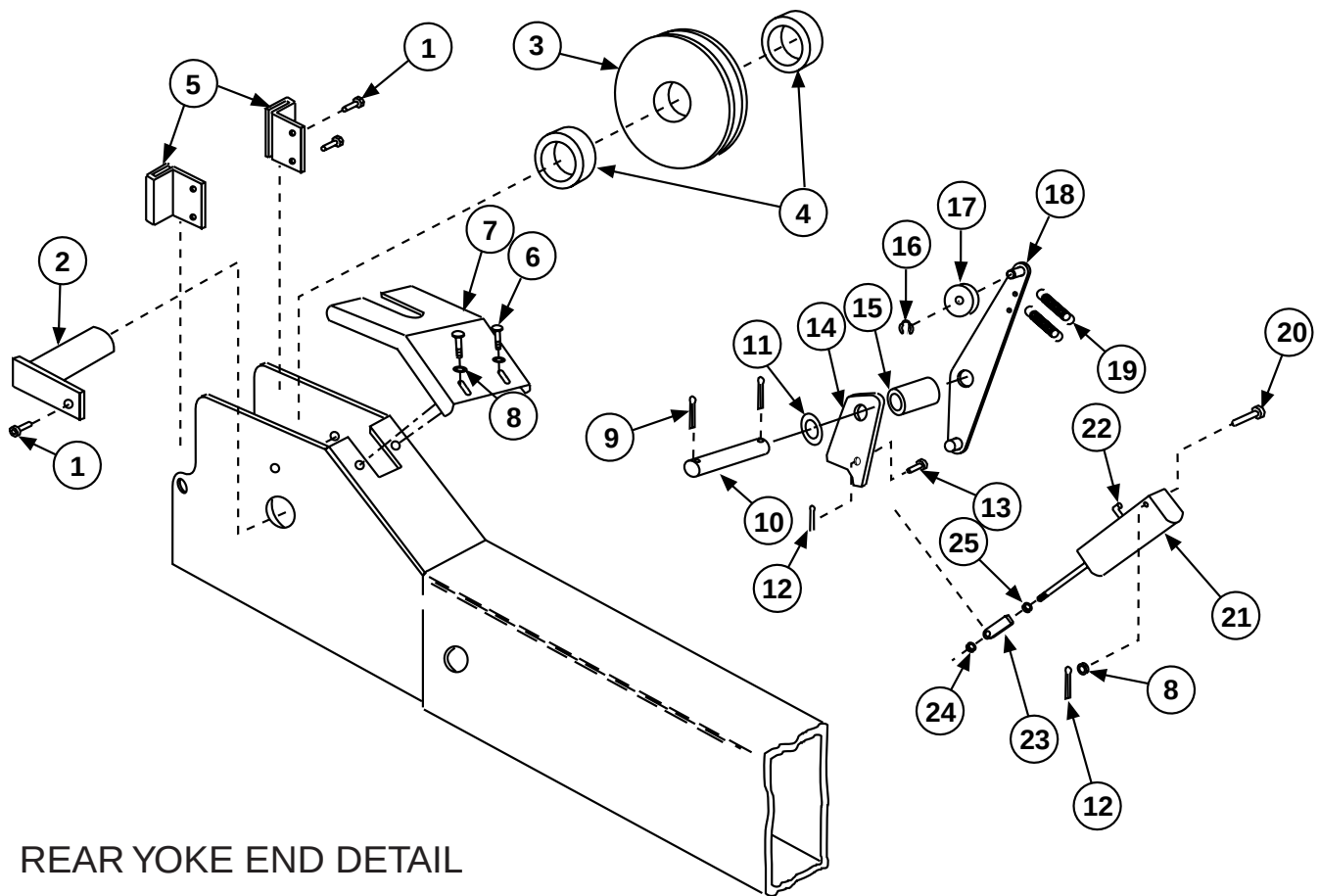
SHEAVE DETAIL		
ITEM NO.	DESCRIPTION	PART NO.
1	Sheave	FC5804-2
2	Bearing	FC5843-3
3	5/16"-18NC x 1/2" Lg. HHCS	40401
4	Sheave Pin	FC555-1
5	Sheave Spacer	S130161





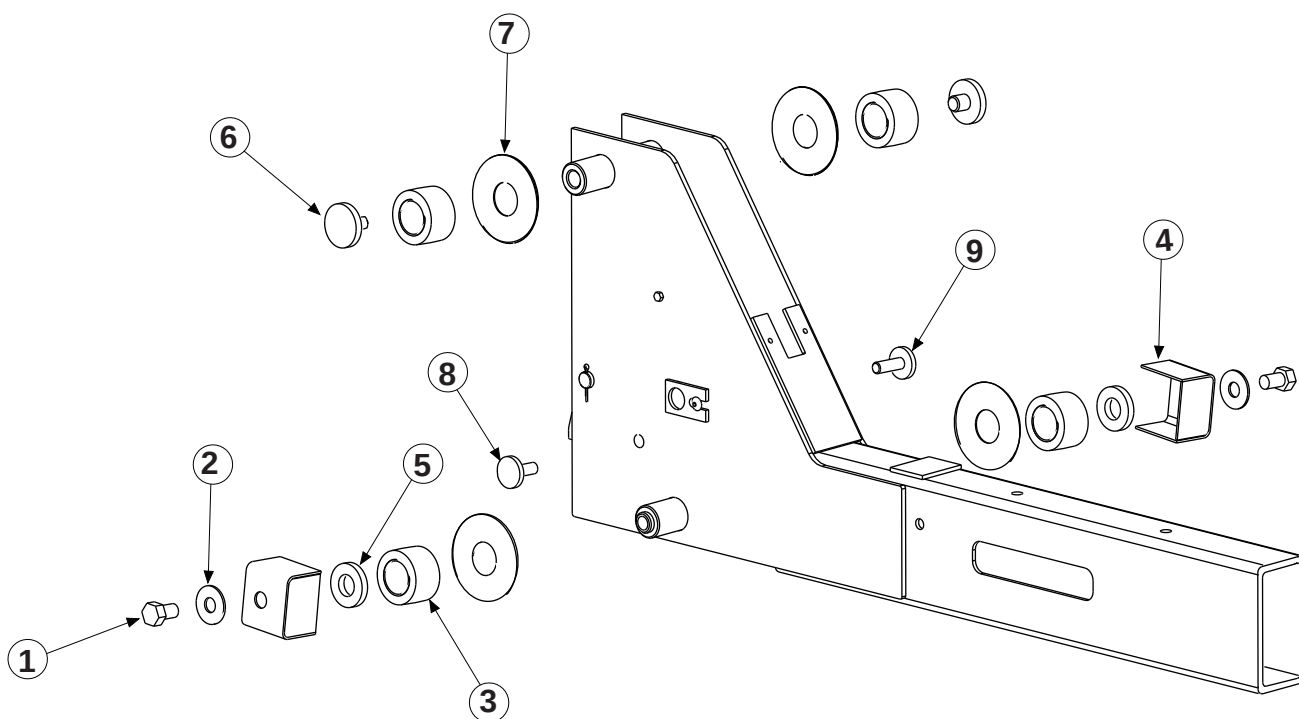
FRONT YOKE END DETAIL

FRONT YOKE END DETAIL					
ITEM	DESCRIPTION	PART NO.	ITEM	DESCRIPTION	PART NO.
1	5/16"-18NC x 3/8" Lg. HHCS	40272	16	Kicker	S120103
2	Sheave Pin	FC5224-21	17	Extension Spring	FC522-25
3	Sheave	FC5804-2	18	Clevis Pin	S130051
4	Plastic Spacer	FC5927-10	19	Air Cylinder	1-Port \S130061 2-Port \S130017
5	1/4" 20NC HHTS x 1/2" Lg.	40067	20	Elbow	FC5224-39
6	1/4" Plain Washer	40780	21	Clevis	FC5706-7
7	Cotter Pin, 1/8" X 1 1/4"	41201	22	1/4" -28NF Hex Nut	40622
8	Latch Shaft	FC5901-7	23	Guard	S130014
9	Washer	FC5301-98	24	Tube Cap	FC248
10	1/4" Hairpin Cotter Pin (.05" dia. wire)	41901	25	Spring Clip	FC7115
11	Clevis Pin	FA2230-12			
12	Latch	FC5706-10			
13	Spacer	FC5706-9			
14	3/8" Snap Ring TRUARC #5304-37	41410			
15	Slack Cable Roller	FC553-21			



REAR YOKE END DETAIL

REAR YOKE END DETAIL					
ITEM	DESCRIPTION	PART NO.	ITEM	DESCRIPTION	PART NO.
1	5/16"-18NC x 3/4" Lg. HHCS	40272	16	3/8" Snap Ring TRUARC #5304-37	41410
2	Sheave Pin	FC5224-21	17	Slack Cable Roller	FC553-21
3	Sheave	FC5804-2	18	Kicker	S120103
4	Plastic Spacer	FC5927-10	19	Extension Spring	FC522-25
5	Slider	FC5706-16	20	Clevis Pin	S130051
6	1/4" 20NC HHTS x 1/2" Lg.	40067	21	Air Cylinder	1-Port \S130061
7	Guard	FC5802-18			2-Port \S130017
8	1/4" Plain Washer	40780	22	Elbow	FC5224-39
9	Cotter Pin, 1/8" X 1 1/4"	41201	23	Clevis	FC5706-7
10	Latch Shaft	FC5901-7	24	1/4" -28NF Hex Nut	40622
11	Washer	FC5301-98			
12	1/4" Hairpin Cotter Pin (.05" dia. wire)	41901			
13	Clevis Pin	FA2230-12			
14	Latch	FC5706-10			
15	Spacer	FC5706-9			



ROLLER ASSEMBLY AND SLIDERS		
ITEM NO.	DESCRIPTION	PART NO.
1	5/8"-11 x 1" lg. HHCS	40340
2	5/8" Flat Washer	40980
3	Roller Assembly	FC5905
4	Wheel Cover	FC5905-5
5	Wheel Bearing	FC5905-3
6	Slider (11/32" thick)	FC5905-4
7	Wheel Spacer	FC5905-9
8	Slider (3/16" thick)	FC5905-8

Installer: Please return this booklet to literature package, and give to lift owner/operator.

Thank You

Trained Operators and Regular Maintenance Ensures Satisfactory Performance of Your Rotary Lift.

Contact Your Nearest Authorized Rotary Parts Distributor for Genuine Rotary Replacement Parts. See Literature Package for Parts Breakdown.

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A Dover Industries Company
2700 Lanier Drive
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Email: userlink@rotarylif.com
Web site: www.rotarylif.com

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