PARTS 4 EQUIPMENT

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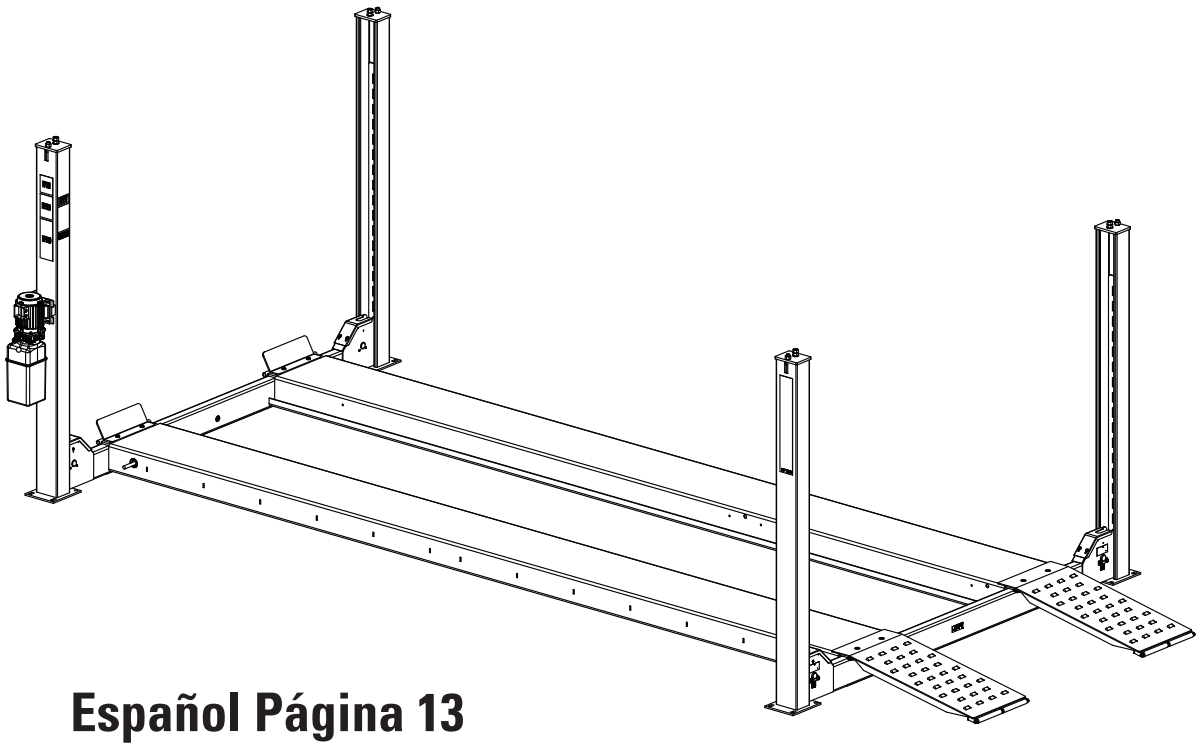
Rotary®

PARTS BREAKDOWN

AR14/SM14

(100 Series) Four Post Surface Mounted Lift
Capacity 14,000 lbs. (7,000 lbs. per axle)



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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 air lock release valve. 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.

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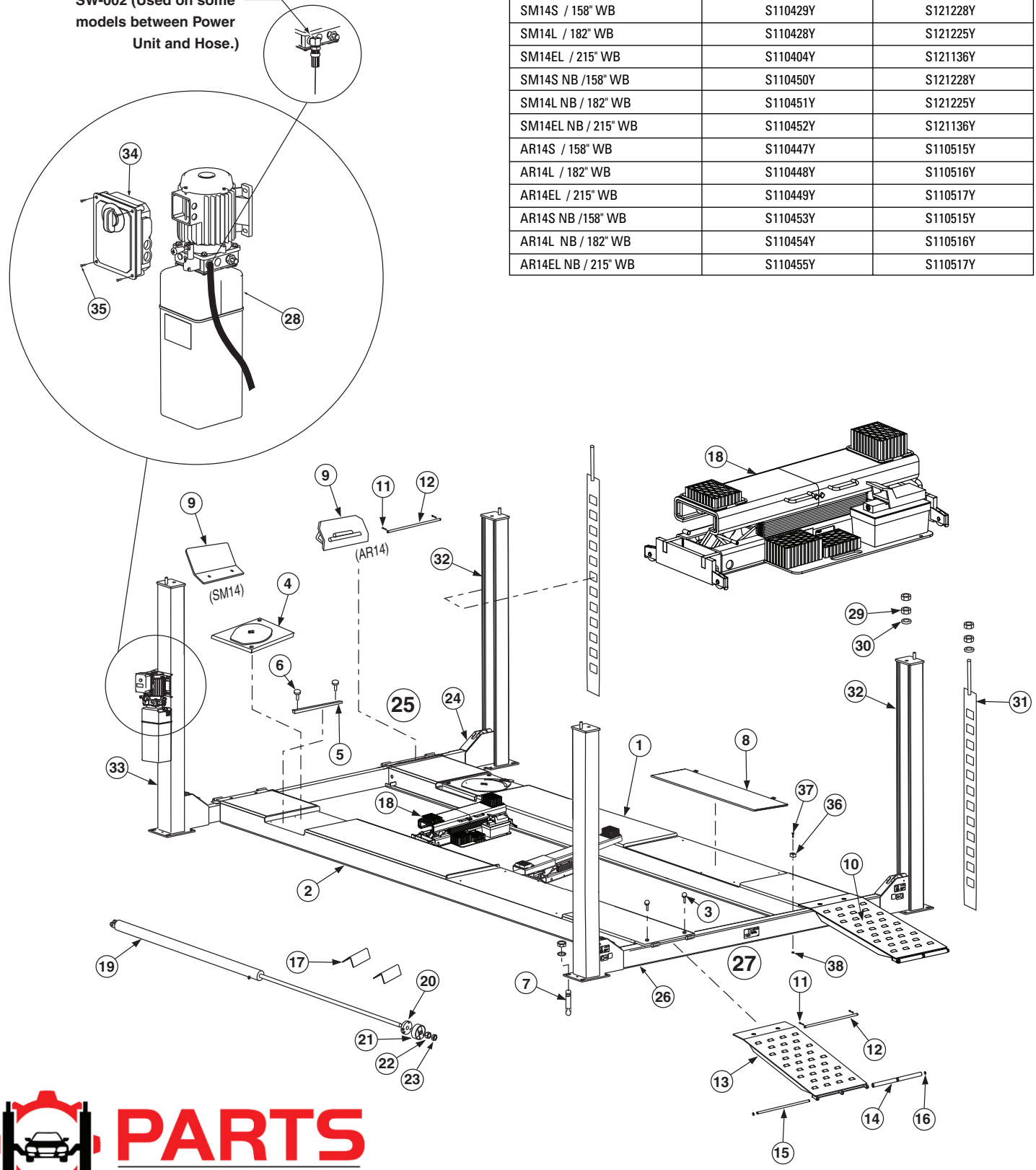
PB 2-3-3-16
Rev. E 10/28/2014

RUNWAY TABLE		
LIFT MODEL	Left Hand Runway Assembly (Includes cylinder, cables and sheaves)	Right Hand Runway Assembly/ Weldment
SM14S / 158" WB	S110429Y	S121228Y
SM14L / 182" WB	S110428Y	S121225Y
SM14EL / 215" WB	S110404Y	S121136Y
SM14S NB /158" WB	S110450Y	S121228Y
SM14L NB / 182" WB	S110451Y	S121225Y
SM14EL NB / 215" WB	S110452Y	S121136Y
AR14S / 158" WB	S110447Y	S110515Y
AR14L / 182" WB	S110448Y	S110516Y
AR14EL / 215" WB	S110449Y	S110517Y
AR14S NB /158" WB	S110453Y	S110515Y
AR14L NB / 182" WB	S110454Y	S110516Y
AR14EL NB / 215" WB	S110455Y	S110517Y

SW-002 (Used on some models between Power Unit and Hose.)



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ITEM	DESCRIPTION	PART NO.	
1	R.H. Runway Assembly	Refer to table on opposite page	
2	L.H. Runway Assembly (Includes cylinder, cables and sheaves)	Refer to table on opposite page.	
		SM14	AR14
3	M12-30 Flg. Whiz-Lock HHCS	B8-12 x 30	B8-12 x 30
4	Radius Gauge	NA	S130205
5	Turntable Guide Arm	NA	FA5153-1Y
6	M10-20 Whiz-Lock HHCS	NA	B18-10 x 20
7	5/8" Anchor Bolt	FC5228	FC5228
8	Rear Slip Plate Kit	NA	S100154Y
9	Wheel Stop (SM)	FC342Y	S121248Y
*10	Ramp Chock Assembly (Standard)	S110405Y	S110405Y
	Ramp Chock Assembly (Extended) (Not Shown)	S110406Y	S110406Y
11	M5 x 40 Cotter Pin	B52-5 x 40	B52-5 x 40
12	Hinge Pin	FC5989Y	FC5989Y
13	Ramp Chock Weld (Standard)	S121148Y	S121148Y
	Ramp Chock Weld (Extended) (Not Shown)	S121300Y	S121300Y
14	Ramp Roller	FC5992Y	FC5992Y
15	Roller Pin	FC5991Y	FC5991Y
16	Snap Ring	B60-16	B60-16
17	Triangular Wheel Chock	H4P-R3100	H4P-R3100
18	Rolling Jack	RJ7000Y	RJ7000Y
	Swing Air Jack - Optional	SJ8000	SJ8000
19	Hydraulic Cylinder	S130002 (S), S130245 (L, EL)	S130156 (S), S130245 (L, EL)
20	Cable Pull Bar	S120706Y	S120706Y
21	Cable Retainer	S120068Y	S120068Y
22	1 3/8"-6NC Hex Nut	40771	40771
23	1 3/8"-6NC Hex Jam Nut	40773	40773
24	Front Yoke Weldment	S121125Y	S121125Y

25	Front Yoke Ass'y (Including Latches)	S110402Y	S110402Y
26	Rear Yoke Weldment	S121271Y	S121271Y
27	Rear Yoke Ass'y (Including Latches)	S110403Y	S110403Y
28	1Ø Power Unit	P3202 (S), P3641 (L, EL)	P3202 (S), P3641 (L, EL)
	3Ø Power Unit	P3346 (S), P3649 (L, EL)	P3346 (S), P3649 (L, EL)
29	M20 Hex Nut	B30-20	B30-20
30	M20 Flat Washer	B41-20	B41-20
31	Latch Bar	S121154Y	S121154Y
32	Column	S110445Y	S110445Y
33	Power Unit Column	S110446Y	S110446Y
34	Control Box	FA7366	FA7366
	Capacitor Box	FA7147-1	FA7147-1
	Capacitor Box Cover Plate	FA7366-1	FA7366-1
	Drum Switch	FA7364	FA7364
	Drum Switch Lever	FA7364-1	FA7364-1
35	M5 x 45 PHMS, Plated	41672	41672
36	Rubber Stop	FC7112Y	FC7112Y
37	M6 x 35 HHCS	B10-6x35	B10-6x35
38	M6 Nut	B30-6	B30-6
39	Ø6mm Flat Washer	B41-6	B41-6

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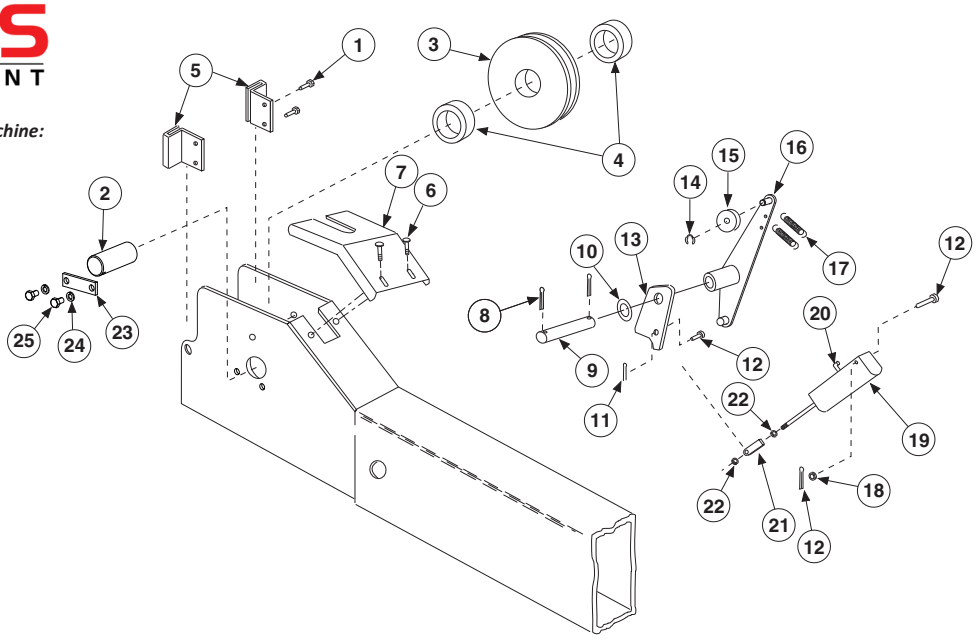
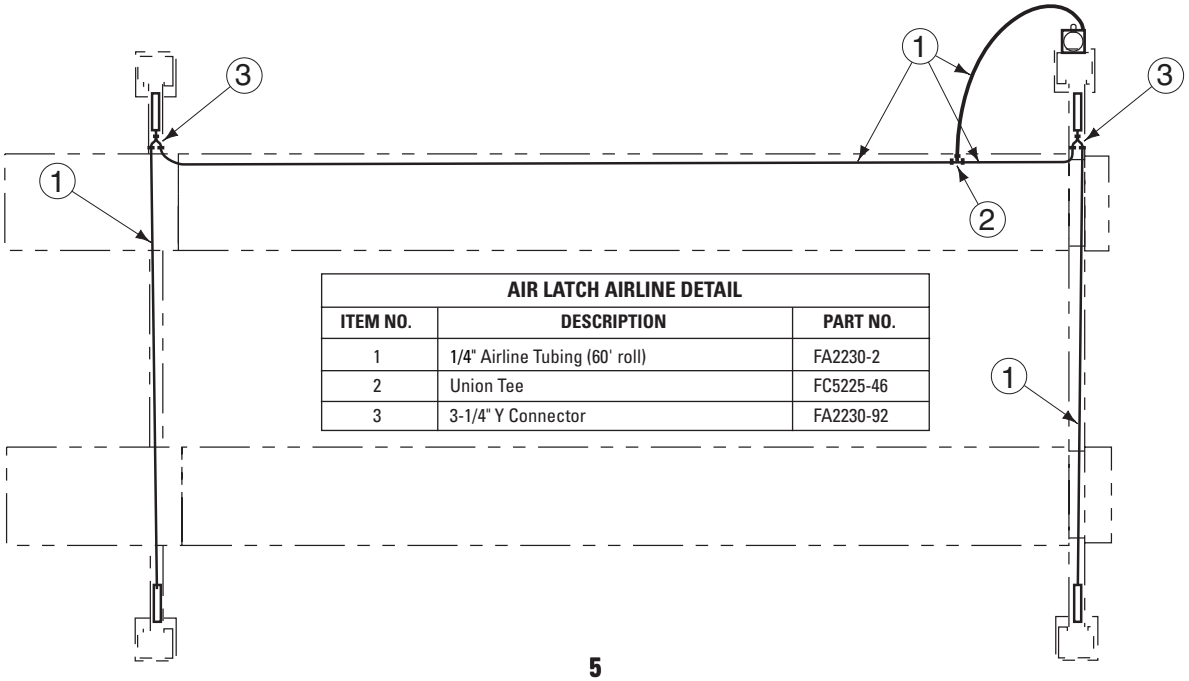


YOKE END DETAIL			YOKE END DETAIL		
ITEM	DESCRIPTION	PART NO.	ITEM	DESCRIPTION	PART NO.
1	M8 x 12 Cross Recessed Countersunk Screw	B24-8 x 12	14	M9 Snap Ring	B60-9
2	Sheave Pin	FC5981-1Y	15	Slack Cable Roller	FC553-21Y
3	Sheave	FC5977Y	16	Kicker	S121272Y
4	Yoke Sheave Spacer	S130286Y	17	Extension Spring	FC522-25Y
5	Slider	FC622Y	18	M6 Flat Washer	B41-6
6	Nylon Tree Rivet	460440	19	Air Cylinder	S130061
7	Guard	FC5985Y	20	Elbow	FC5224-39
8	Cotter Pin, 4 x 40	B52-4 x 40	21	Clevis	FC5993Y
9	Latch Shaft	FC5901-7Y	22	1/4" -28NF Hex Nut	40622
10	M20 Washer	B41-20	23	Lock Plate	H4P-3006
11	2 x 20 Hairpin Cotter Pin	B52-2 x 20	24	M10 Lock Washer	B40 x 10
12	Clevis Pin	S130287Y	25	M16 Hex Head Cap Screw	B10-10 x 16
13	Latch	FC5986Y			



AIR LATCH AIRLINE DETAIL		
ITEM NO.	**DESCRIPTION**	**PART NO.**
1	1/4" Airline Tubing (60' roll)	FA2230-2
2	Union Tee	FC5225-46
3	3-1/4" Y Connector	FA2230-92

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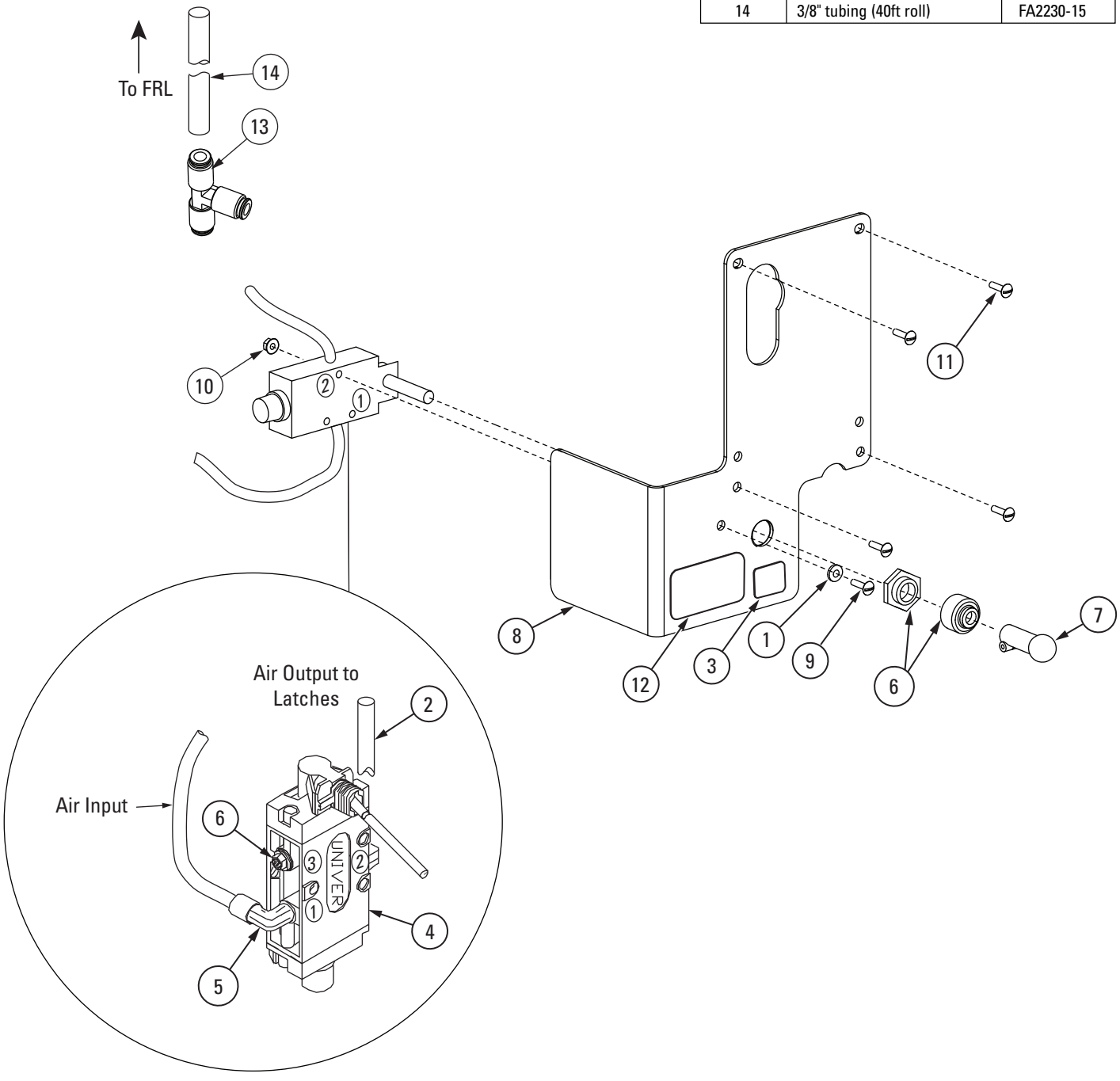
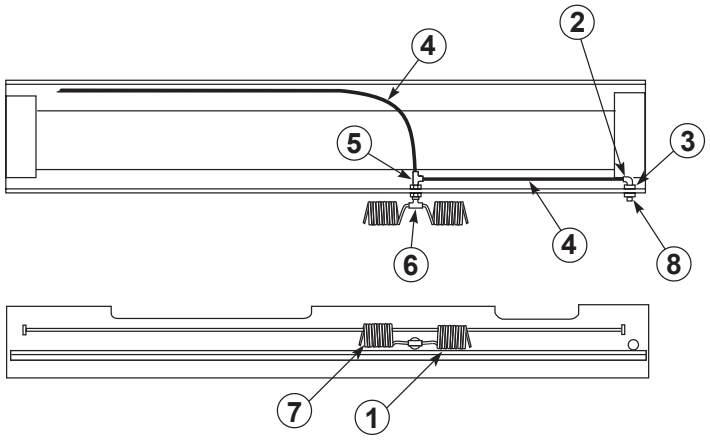
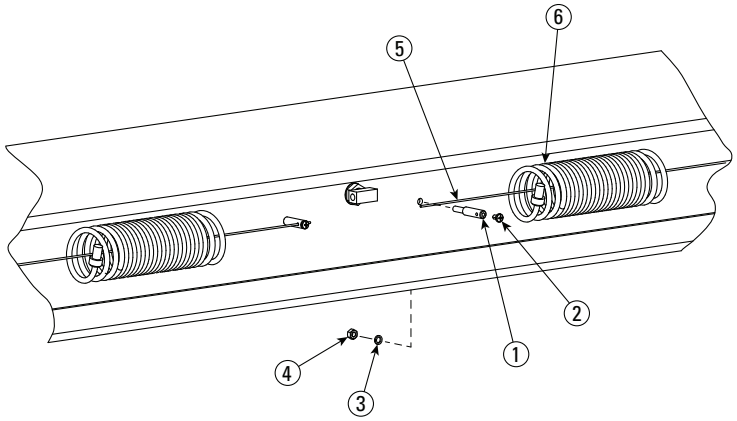
AIR LOCK RELEASE VALVE DETAIL		
ITEM NO.	DESCRIPTION	PART NO.
1	Ø4mm Flat Washer	B41-4
2	1/4" Tubing	FC2230-2
3	Nameplate	NP280
4	Control Ass'y.	T140073
5	Swivel Elbow	T140074
6	Filter / Muffler	PSV-01
7	Air Lock Handle	T140119
8	Control Bracket 1Ø	S110274Y
	Control Bracket 3Ø	S110286Y
9	M4-30 PHMS	B23-4-30
10	M4 Nylon Locknut	B33-4
11	M5 x 15 PHMS 1Ø	40277
	M5 x 50 PHMS 3Ø	41696
12	Nameplate	NP864
13	Union Tee	FA2242-1
14	3/8" tubing (40ft roll)	FA2230-15





INTERNAL AIRLINE PARTS			
ITEM NO.	DESCRIPTION	PART NO.	PART NO.
		S MODEL	L, EL MODELS
1	Front Recoil Hose	FC147-14	FC147-14
2	Male Elbow	FC147-7	FC147-7
3	Female Bulkhead	FC147-1	FC147-1
4	3/8" Tubing (40ft roll)	FA2230-15	FA2230-15
5	Male Run Tee	FC147-3	FC147-3
6	Male Branch Tee	FC147-5	FC147-5
7	Rear Recoil Hose	FC147-14	S130160
8	1/4" Hex Plug	40639	40639

RETAINER CABLE DETAIL				
ITEM NO.	DESCRIPTION	PART NO.	PART NO.	PART NO.
		S MODEL	L MODEL	EL MODEL
1	Guide Pin	H4P-3007	H4P-3007	H4P-3007
2	M6 X 10mm Cross Recess Pan Head Screw	B23-6-10	B23-6-10	B23-6-10
3	Ø8mm Star Washer	B49-8	B49-8	B49-8
4	M8 Hex Nut	B30-8	B30-8	B30-8
5	Front Airline Retainer Cable	S110464Y	S110464Y	S110464Y
	Rear Airline Retainer Cable	S110464Y	S110463Y	S110462Y
6	Recoil Hose	-	-	-



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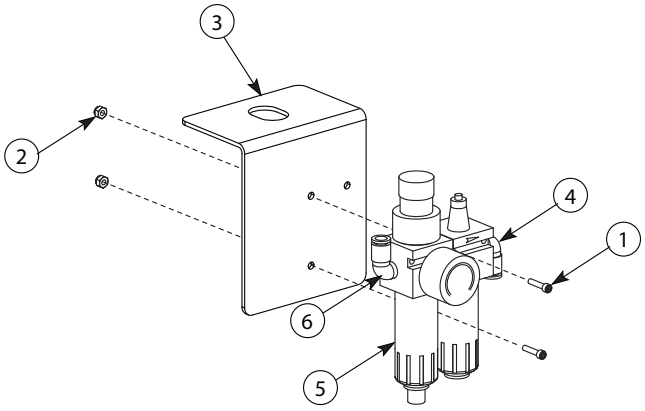
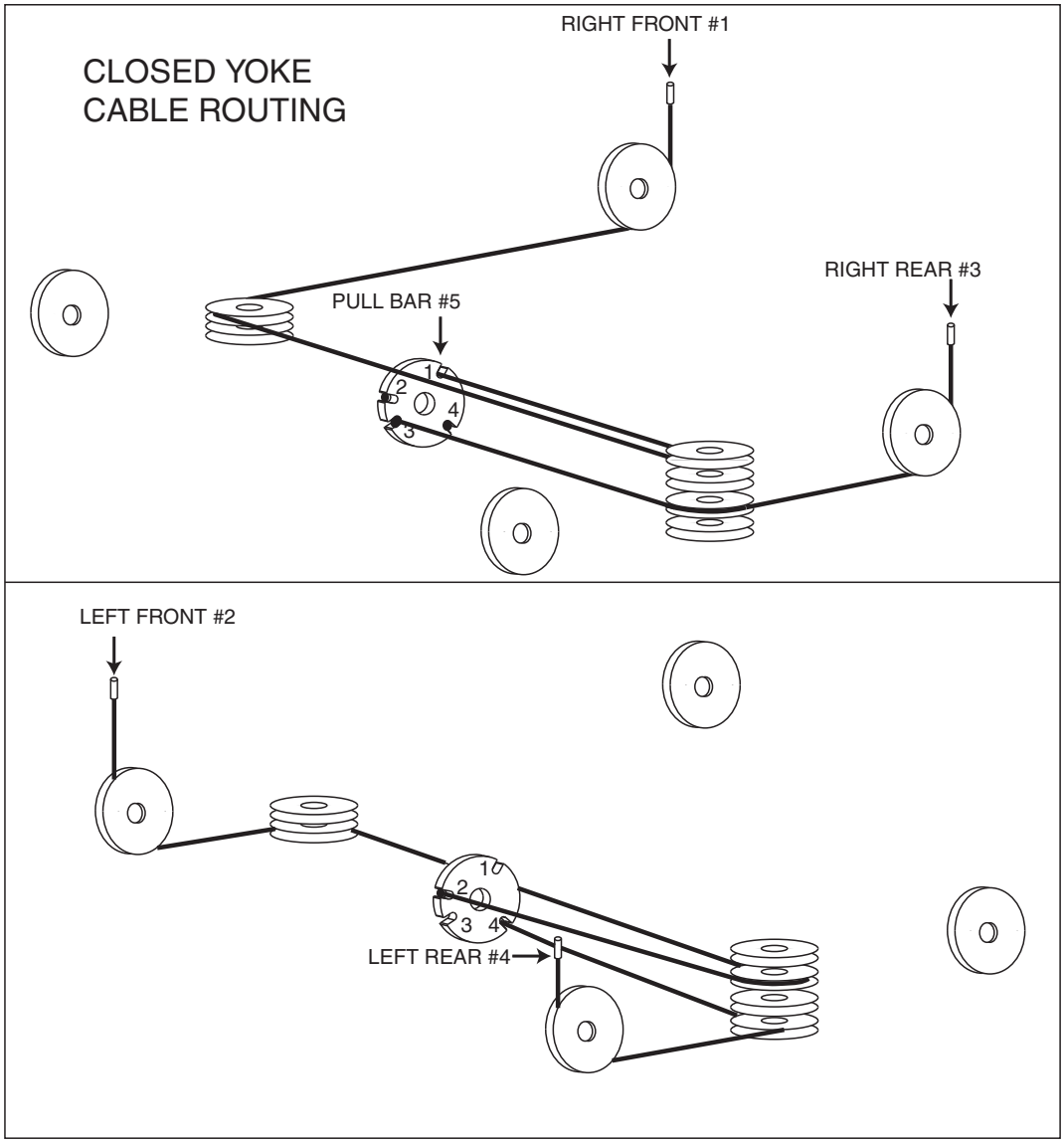


FRL DETAIL			
ITEM NO.	DESCRIPTION	SM14	AR14
1	M4-12 Hex SHCS	B23-4-12	B23-4-12
2	M4 Nylon Lock Nut	B33-4	B33-4
3	Adapter Bracket	S120674Y	S120674Y
4	Elbow	FC5185-96	FC147-7
5	Filter/Regulator/Lubricator	S130080	S130080
6	Elbow	FC147	FC147



CABLES		PART NO.					
ITEM NO.	DESCRIPTION	SM/AR14			SM/AR14NB		
		158"	182"	215"	158"	182""	215"
1	Right Front Cable	S130255Y	S130257Y	S130261Y	S130318Y	S130320Y	S130324Y
2	Left Front Cable	S130254Y	S130256Y	S130260Y	S130317Y	S130319Y	S130323Y
3	Right Rear Cable	S130259Y	S130259Y	S130259Y	S130322Y	S130322Y	S130322Y
4	Left Rear Cable	S130258Y	S130258Y	S130258Y	S130321Y	S130321Y	S130321Y
5	Pull Bar	S120706Y	S120706Y	S120706Y	S120706Y	S120706Y	S120706Y

** CABLE RETAINER NOT SHOWN TO CLAIRIFY ILLUSTRATION OF CABLE ROUTING*

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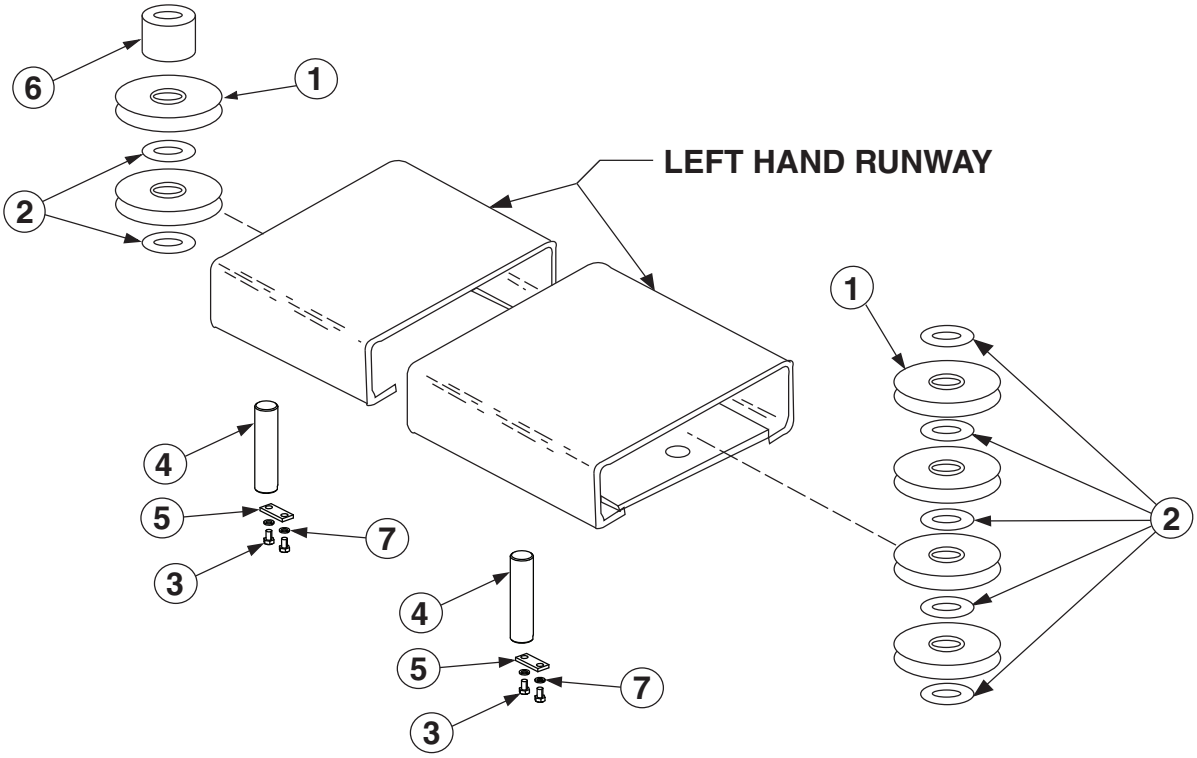
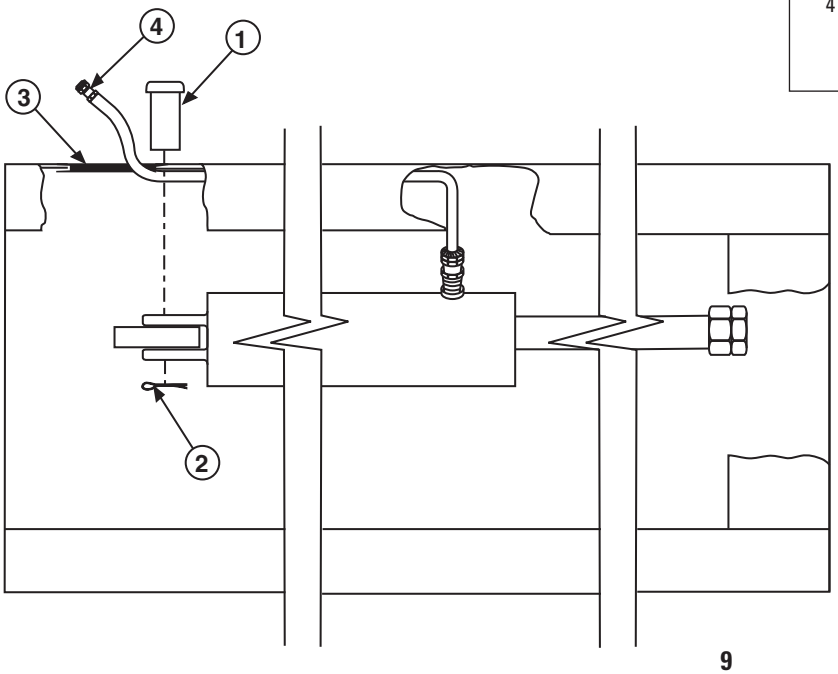


SHEAVE DETAIL		
ITEM NO.	DESCRIPTION	PART NO.
1	Sheave	FC5977Y
2	Plastic Bearing	S130246Y
3	M10 x 16 Hex Head Cap Screw	B10-10 x 16
4	Sheave Pin	FC5983Y
5	Lock Plate	H4P-1020
6	CF Runway Sheave Spacer	S130288Y
7	Washer	B40-10



HYDRAULIC HOSE DETAIL		
ITEM NO.	DESCRIPTION	ITEM NO.
1	Clevis Pin	FC5346-1Y
2	M5 x 60 Cotter Pin	B52-5 x 60
3	Grommet	S130315Y
4	Hose	
	"S" Model	CR14-9801-4
	"L" Model	CR14-9801-3
	"EL" Model	CR14-9801-2

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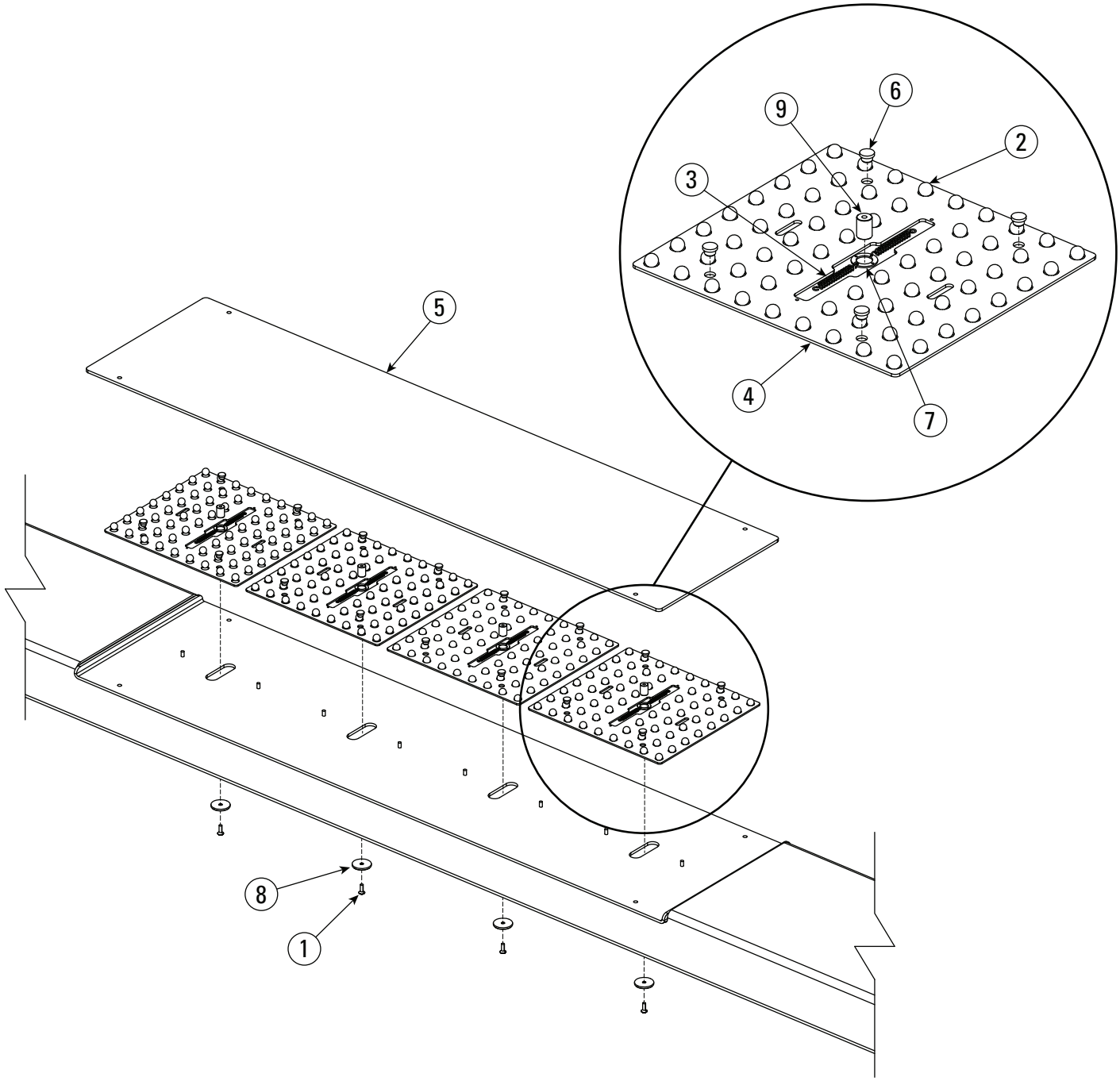
4 WS SLIP PLATE PARTS		
ITEM NO.	DESCRIPTION	PART NO.
1	M8 x 25 Flat Head Screw	B26-8_25
2	Slip Plate Ball	FC5190-7
3	Spring	NH4D-1011
4	Ball Retainer	S121230Y
5	Rear Slip Plate Weld	S121231Y
6	Nylon Pin	SM60-1521-1
7	Spring Tension Ring	SM60-1522
8	Rear Slip Plate Retainer Plate	SM65-2003
9	Rear Slip Plate Retainer Shaft	SM65-2102G

PARTS 4 EQUIPMENT

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