

PRODUCTION

Rosenbauer South Dakota

Exp. Date: 05/12/2022
 Quote No: 10058-0003
 VIPER RM S: 109-RML-18 109' SA Technical Information - Smart-
 VIPER RM S: 109-RML-14 109' SA Base Components - Smart-
 VIPER RM S: 109-RML-15 109' SA Fly Components - Smart-
 VIPER RM S: 109-RML-17 109' SA Aerial Rotation System - Smart-
 VIPER RM S: 109-RML-16 109' SA Torque Box - Smart-
 VIPER RM S: 100-RML-20 100-4 RMA SA Outrigger Components -Smart-
 VIPER RM S: 109-RML-19 109' SA Waterway & Capabilities - Smart-
 VIPER RM A: 109-RML-08 109' Electrical System -All-
 VIPER RM M: 109-RML-09 109' Hydraulic System -All-

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PART NO	S	DESCRIPTION	QTY	ID
== 109' SA Technical Information - Smart- - 0.000 ==			1	RKA
109' FOUR SECTION REAR MOUNT LADDER MODEL			1	RKA
00-00-2305		-- 109' Four Section, Rear Mount, Straight Stick, Single Axel	1	RKA
00-00-2311		-- 109' Four Section, Rear Mount, Base Section	1	RKA
00-00-2312		-- 109' Four Section, Rear Mount, Lower-Mid Section	1	RKA
00-00-2313		-- 109' Four Section, Rear Mount, Upper-Mid Section	1	RKA
00-00-2314		-- 109' Four Section, Rear Mount, Fly Section	1	RKA
AERIAL ENGINEERING DRAWINGS			1	RKA
00-03-1100		Technical Drawings, Aerial	1	RKA
00-03-3000		-- Technical Drawings, 12V Electrical Wiring Schematic	1	RKA
00-03-3200		-- Technical Drawings, Hydraulic Plumbing Schematic	1	RKA
IN PROCESS PHOTOS			1	RKA
00-04-1030		In Process Photos	1	RKA
OPERATIONAL INSTRUCTIONS			1	RKA
00-07-1220		> Aerial Operation Instructions, By Aerial Mfg, At FD 3 Days	1	RKA
AERIAL WARRANTIES			1	RKA
00-09-1210		Aerial Warranty, 1 Year, Material & Workmanship	1	RKA
00-09-3000		-- No Extended Waterway Warranty - Pick to Select ===	1	RKA
00-09-5010		-- No Extended Hydarulic Warranty - Pick To Select ===	1	RKA
AERIAL TESTING			1	RKA
00-10-1100		3rd Party Aerial Testing, NFPA 1901	1	RKA
AERIAL PAINTING & CORROSION PROTECTION			1	RKA

PART NO	S	DESCRIPTION	QTY	ID
01-00-2145	< >	Galvanized All Sections and Paint the Base Section Only, Specifiy Black	1	RKA
00-09-2230		-- Aerial Structural Design Warranty, 25 Years	1	RKA
00-09-7075		-- Aerial Ladder Section, Paint Warranty, 1 Year	1	RKA
00-09-8200		-- Aerial Ladder Sections, Galvanized Warranty, 25 Years	1	RKA
01-00-1280		-- Egress Tip, Galvanized/Painted: Yellow	1	RKA
10-05-1200		-- Aerial Ladder Bed, HD, S/S Scuff Plate	1	RKA
01-00-1410		Outriggers, Galvanized, Beam Inner, Jack Tube Pad	1	RKA
00-09-8625		-- Outrigger, Galvanized Warranty, 25 Year	1	RKA
01-00-1700		Torque Box Galvanized	1	RKA
00-09-8425		-- Torque Box, Galvanized Warranty, 25 Year	1	RKA
		== 109' SA Base Components - Smart- - 0.000 ==	1	RKA
10-03-1020		Rung Covers, High Traction, Yellow Striping on Each Side	1	RKA
10-05-1100		Aerial Wear Pads, Between Telescoping Sections	1	RKA
10-06-1400	>	Sign Panels, Aerial, 16"x120" Matching Aerial Sections	1	RKA
10-06-1751		-- ==== No Provisions for Backlit Sign Panels - Pick to Sectect ====	1	RKA
10-06-1800	>	Rosenbauer "R" Cradle Sign Brackets	1	RKA
10-06-1851		-- ==== No Provisions for Cylinder Covers to be Backlit - Pick to Select	1	RKA
10-06-2010	S <	Base Markings, Indicate Extension Position, RED RED	1	RKA
		<u>EXTENSION MARKINGS</u>		
		To improve safety and to provide the operator with vital information, extension markings shall be provided. For best visibility the base section of the ladder shall include markings on the outside of the left handrail and the inside of the right handrail to indicate extension position of the ladder in operation. The markings shall be RED reflective numbers that will mark every 10 feet with a hash mark between the numbers.		
		== 109' SA Fly Components - Smart- - 0.000 ==	1	RKA
45-01-1100		Folding Steps, (1)Set, Ladder, Upper End Fly	1	RKA
45-01-3100		Rope Rescue Eyelets	1	RKA
45-03-1010		Axe and Pike Pole Welded Plates, Tip of Fly Section	1	RKA
45-03-1100		-- ==== NO Axe Bolt On Mounting Brackets - Pick to Select ====	1	RKA
45-03-3200		-- Pike Pole Bolt On Mounting Brackets, Tip of Fly Section	1	RKA
45-03-4200		-- New York Roof Hook, 6', Tip of Fly	1	RKA
		== 109' SA Aerial Rotation System - Smart- - 0.000 ==	1	RKA
50-00-1300		Ladder Rotation System 44" Bearing, 60 Bolts	1	RKA
50-01-1325		Smart Aerial Control, Ladder, Turntable, Command Pedestal	1	RKA
50-01-1900		-- Aerial Gauges & Visual Display, Feet/Gallons	1	RKA
50-02-1010		-- Command Pedestal Lid	1	RKA
50-06-1100		-- Turntable, Two Sided	1	RKA
01-00-2020		-- Handrails on Turntable, Steel, Line-X Black	1	RKA
01-00-2056		-- Handrail Orientation, Bent with Lit Crossmember	1	RKA
01-00-2063		-- Lit Crossmember Color; Blue	1	RKA
50-08-1500		-- ==== No Harness Storage Box - Pick to Select ====	1	RKA
50-08-1230		-- Safety Bar, FRC, (2), Swing Up At Turntable Openings	1	RKA
50-08-1410		-- Mansaver Bar Color; Yellow	1	RKA
50-11-1220		-- Turntable, Control Stand & Lid, Line-X Black	1	RKA
50-11-1410		-- Turntable Control Lid/Door Ajar	1	RKA
65-04-1115		-- Outrigger Control Screen, Smart Aerial	1	RKA
90-01-2200		-- Hydraulic System, Filter, High Pressure	1	RKA
90-01-3210		-- Hydraulic System, Return Filter, Low Pressure	1	RKA
50-17-1200		Air Horn Button, Turntable Panel	1	RKA
50-20-1100		==== NO Aerial Lubrication Automatic System - Pick to Select ====	1	RKA
		== 109' SA Torque Box - Smart- - 0.000 ==	1	RKA
60-00-1111		Torque Box	1	RKA
		== 100-4 RMA SA Outrigger Components -Smart- - 0.000 ==	1	RKA

PART NO	S	DESCRIPTION	QTY	ID
65-01-1200		Outriggers, Smart Aerial Components	1	RKA
65-02-1035		Outriggers, (2) Front Out and Down, (2) Rear Out and Down	1	RKA
65-02-2176		-- Front Outriggers Directly Behind Cab	1	RKA
65-03-1300		Short Jacking, Smart Aerial	1	RKA
65-04-1115		Outrigger Control Screen, Smart Aerial	1	RKA
65-07-1110	S < >	Outrigger Plates, Auxiliary, 1-1/2" Plastic w/ magnets	1	RKA
OUTRIGGER PLATES				
Auxiliary outrigger plates, 24" x 24", shall be provided for each outrigger. The plates shall be a lightweight #PE1000 strong and lightweight engineered plastic with a handle for easy movement. The plates shall be 1-1/2" thick.				
65-09-1200		Outrigger Stowed Indicator, Light in Cab	1	RKA
		== 109' SA Waterway & Capabilities - Smart- - 0.000 ==	1	RKA
		AERIAL PERFORMANCE CAPABILITIES	1	RKA
70-00-1116		Performance Capabilities, Ladder, 1500 GPM, -10/+75, Smart Flow	1	RKA
70-00-1420		-- Waterway 360 Degree 4" Swivel, 3-Port	1	RKA
70-01-1130		-- Waterway, Alum, Lddr, 5"OD Base, 4.5"L-M, 4"U-M, 3.5"Fly	1	RKA
70-01-1710		-- Waterway Color; Aluminum	1	RKA
70-02-1130		-- Waterway, Akron 4" Butterfly Valve, Electrically Operated	1	RKA
70-13-1201		-- Wireless Radio Remote: Aerial, Monitor & Outriggers	1	RKA
65-04-1330		-- Outrigger Control Valves, Electric, (4) Out-Down	1	RKA
65-06-1420		-- All Jacks Up Switch	1	RKA
70-17-1015		-- Monitor, Akron, 3480, Elec, StreamMaster II	1	RKA
70-17-1110		-- Nozzle, Akron, 5177	1	RKA
70-18-1640		-- Monitor Color, Akron Red	1	RKA
90-20-1001		-- ==== No Camera - Pick to Select ===	1	RKA
70-01-1400		Retractable Waterpan, Manual	1	RKA
70-03-1210		Waterway, Relief Valve, 2.5", Above Turntable	1	RKA
70-04-1100	>	Waterway, Relief Valve & Drain Valve	1	RKA
		== 109' Electrical System -All- - 0.000 ==	1	RKA
80-01-2120		Intercom, 2-Station, Turntable & Tip, Atkinson: AD26C & AD26D	1	RKA
80-09-1010		Light Housing Color; White	1	RKA
80-10-1240		Tracking Light, Base Section, (1) Hi-Viz: FT-MB-33-FT-W	1	RKA
80-11-0000		-- ==== NO 120V Tracking Lights - Pick to Select ===	1	RKA
81-44-1400		Tip Lights, Tip of Ladder, (2), FireTech HiViz FT-WL-X-5H-FT-W	1	RKA
81-45-0000		-- ==== NO 120V Tip Lights - Pick to Select ===	1	RKA
87-10-2220		Ladder Rung Lights, LED, Blue	1	RKA
90-20-1001		==== No Camera - Pick to Select ===	1	RKA
		== 109' Hydraulic System -All- - 0.000 ==	1	RKA
AERIAL HYDRAULIC SYSTEM				
			1	RKA
90-00-1200		Hydraulic System, 40 Gallon Tank	1	RKA
90-01-1400		-- Hydraulic System, Gated Drain Line	1	RKA
90-01-1450		-- Hydraulic System, Gtd Suction Line, Btwn Hyd Tnk/Pmp	1	RKA
90-00-1510		Hydraulic Oil, Extreme ISO 32	1	RKA
90-04-1400		Hyd Elevation System, 6" Cylinder, -10/+75 Deg	1	RKA
90-06-1100		Power-Take-Off, Hot Shift, Trans Mtd, w/Indicator Light	1	RKA
90-07-1100		Hydraulic System, (1) Emergency 12V, Stow/Outriggers	1	RKA