



## Shop Order

HME Incorporated  
 Bill Doebler  
 1950 Byron Center Ave  
 Wyoming, MI 49519  
 616-534-1463

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**Exp. Date:** 03/09/2017  
**Quote No:** 23249-0001  
**Job/Order No:** 23249  
**APPARATUS:** MINIMAX3 Mini Pumper - CrewCab 23249  
**WARRANTY:** WARRANTY Limited Warranty - Use For Contracts

05/09/2019

Page 1

PART NO	S	DESCRIPTION	PG	QTY	ID
<b>== Mini Pumper - CrewCab - 3.001 ==</b>			<b>1</b>	<b>1</b>	<b>HME</b>
00-00-940C	<b>S</b>	Details of Construction - Order Confirmation	1	1	HME
08-22-2001		> Apparatus Body Designation, Model Ahrens-Fox		1	HME
10-10-0321	<b>S</b>	< 2019 Ford F-550 Chassis, 4x4 SD Crew Cab XLT - Four Standard Side Doors	1	1	HME
		Upgraded GVWR			
10-40-SA02		-- Ford Standard Crew Seating	2	1	HME
10-40-SD00		-- Cab Console (Ford and RAM)	3	1	HME
10-40-SD04		-- Console Options	3	1	HME
10-40-SD12		-- Microphone Clips Installed, (2)	3	1	HME
10-40-SD22		-- Cup Holders, Dual Port USB, Console Front (2)	3	1	HME
10-40-SD30		-- No Front Notebook Holder Required		1	HME
10-40-SD40		-- No Clipboard Holder Required		1	HME
10-40-SD50		-- No Driver Arm Rest Required		1	HME
10-40-SD60		-- No Officer Arm Rest Available		1	HME
10-40-SD70		-- No Rear Cup Holder Required		1	HME
10-40-SD80		-- No 110VAC Outlet Required		1	HME
10-40-SE12		-- Back-Up Camera / GPS, Console Mounted	3	1	HME
10-40-SD90		-- No Rear Cab Console Required		1	HME
14-10-40Q0		-- Steel Wheels - Argent Color	4	1	HME
14-10-A012		-- Stainless Wheel Liners	4	1	HME
14-10-GW01		-- Tire Pressure Monitoring Device - 2 Axles - LED Alert	4	1	HME
14-14-W010		-- Drivelines	4	1	HME
14-40-A014	<b>S</b>	-- Heavy Duty Front Bumper / Brush Guard / Winch Receiver	4	1	HME
14-40-AB22		-- Stainless Cab Entrance Bars	4	1	HME
14-40-H200		-- Electronic Siren - Whelen - Model 295SLSA1	4	1	HME
14-40-H202		-- Speaker, Siren - 100w	5	1	HME
14-40-Q001	<b>S</b>	< >  -- Ford Single Color Paint	5	1	HME
SHOP NOTE:					
Paint Color: Ford Vermillion Red					
Paint Color: W4665D					
14-45-T010		-- 40 Amp - Battery Charger - ProMariner 1240	5	1	HME
14-45-T012		-- Kussmaul 20 AMP - 120v - Super Auto Eject	6	1	HME
<b>PUMP ENCLOSURES, PUMPS, VALVES, INLETS, OUTLETS</b>				<b>1</b>	<b>HME</b>
20-02-0100		> HydraTechnology, Pump House Design Requirement	6	1	HME
20-02-0204		Pump Enclosure, Side Mount, 24" Wide	7	1	HME
20-04-0100		-- Running Boards, L/S, R/S w/Laser Grip S/S Step Surface	7	1	HME
20-04-0410		-- No Pumphouse Running Board LED's Required		1	HME

PART NO	S	DESCRIPTION	PG	QTY	ID
20-12-0200		-- No Pump Enclosure Heater Required		1	HME
20-12-1000		-- No Heat Pan Enclosure Required		1	HME
20-14-0104		-- Pump Service Access	7	1	HME
20-14-0306		-- Control Panel, Side Mount Module	8	1	HME
20-15-0110		-- Identification Labels - Metal Tags	8	1	HME
20-15-0200		-- HME Standard Color Coding for Pump House Tags		1	HME
20-16-0200		-- Pump Panel Finish, Brushed Stainless Steel	8	1	HME
20-18-0404		-- Controls & Gauges, Side Mount	8	1	HME
20-18-1420		-- FRC In Control 400 Pressure Governor, Engine Monitor and Pressure Display	8	1	HME
20-18-1550		-- 2-1/2" Pressure Gauges, 0-400 psig - English	9	1	HME
20-18-1558		-- 2-1/2" Pressure Gauge LED Lighting	10	1	HME
20-18-1570		-- Pump Panel LED Lighting - WHITE/RED	10	1	HME
30-26-0410		-- Gauge, (1) Water Tank Level - FRC Tank Vision	10	1	HME
		<b>Side Mount Pumps</b>		<b>1</b>	<b>HME</b>
20-21-2300		-- Pump, Midship, Hale "DSD", 750-1500 GPM	11	1	HME
20-26-1000		-- Pump Rating, Hale, 1500 GPM	12	1	HME
20-27-0100		-- Altitude Requirements, 0' to 2000 Feet Above Sea Level	12	1	HME
22-06-0400		-- Primer, Oil-less, Hale ESP	12	1	HME
22-08-0200		-- Pump Shift, Pneumatic w/Label, Indicator Lgts, Mtd Cab/PPnl	12	1	HME
22-08-0500		-- No Pump Shift Override Required At This Time		1	HME
22-10-0825		-- Mechanical Seal, Inboard Side, Spring Loaded, Self Adjusting	13	1	HME
22-11-0200		-- Anode, Water Pump, Indicator Weep Hole	13	1	HME
22-14-0600		-- No Thermal Relief Valve Required		1	HME
22-14-1700		-- Intake Pressure Relief Valve, TFT	13	1	HME
22-18-0400		-- Master Drain, Class 1, Manual Mtd Pump Panel	14	1	HME
22-20-0100		-- Certified NFPA Pump Test, Completed Apparatus Certificate	14	1	HME
22-24-0200		-- Pump Warranty, Hale, Five Year	14	1	HME
22-30-0200		-- Electronic Manuals, Pump Service and Operation	14	1	HME
		<b>Steamer Inlets</b>		<b>1</b>	<b>HME</b>
24-02-0400		-- Steamer Inlet, 6" NST Thread, L/S w/Strainer - No Intake Valves	14	1	HME
30-40-1060		-- Cap, 6" Long Handle - HME Logo	14	1	HME
30-40-2002		-- No Storz Adapter Required		1	HME
24-02-0500		-- Steamer Inlet, 6" NST Thread, R/S w/Strainer - No Intake Valves	14	1	HME
30-40-1060		-- Cap, 6" Long Handle - HME Logo	15	1	HME
30-40-2002		-- No Storz Adapter Required		1	HME
		<b>Left Side Small Intake</b>		<b>1</b>	<b>HME</b>
24-21-0034		-- Pump Side Intake, Left Side	15	1	HME
24-21-0426		-- Suction Inlet, Side 2.5" - Side Operated Module	15	1	HME
24-21-1055		-- Suction Valve Control, Swing Type, Side, Adj To Valve	15	1	HME
30-40-1125		-- Intake Plug, (Qty) 2.5" w/Cap & Chain	15	1	HME
		<b>Left Side Pump Panel Discharges</b>		<b>1</b>	<b>HME</b>
26-03-0190		-- Discharge, Left Side	15	1	HME
26-03-0425		-- Discharge, Side, 2.5" - 30 degree Elbow - Manual Control	15	1	HME
30-41-5025		-- Discharge Cap, (Qty) 2.5" Chrome Vented Rocker Lug	15	1	HME
	w/Chain				
		<b>Right Side Pump Panel Discharges</b>		<b>1</b>	<b>HME</b>
26-03-0300		-- Discharge, Right Side Front	15	1	HME
26-03-0430		-- Discharge, Side, 3" - 30 degree Elbow - Manual Control	16	1	HME
30-41-5030		-- Discharge Cap, (Qty) 3" Chrome Vented Rocker Lug w/Chain	16	1	HME
26-03-0340		-- Discharge, Right Side Rear	16	1	HME
26-03-0440		-- Discharge, Side, 4" - Straight - Electric Control	16	1	HME
30-40-4453		-- 4" NST F to 5" Storz - 30degree - Swvl Rkr Lug - (Qty)	16	1	HME
30-40-5012		-- (Qty) 5" Storz w/Cap & Lanyard	16	1	HME
		<b>Front Bumper Jumlines</b>		<b>1</b>	<b>HME</b>
26-08-0200		-- No Front Jumpline Required		1	HME
		<b>Crosslay Assemblies</b>		<b>1</b>	<b>HME</b>
28-11-0810		-- Pump House Crosslay, (2) Beds, 1-1/2 double stacks	16	1	HME
28-12-2200		-- Cover, Crosslay, Vinyl w/End Flaps	17	1	HME
28-14-0400		-- Cover Color, Crosslay, Vinyl, Midnight Black	17	1	HME
		<b>Ball Valves</b>		<b>1</b>	<b>HME</b>
30-00-0300		-- Ball Valves, Elkhart, Brass	17	1	HME
		<b>Tank Plumbing and Indicators / Gauges</b>		<b>1</b>	<b>HME</b>
30-20-0600		-- Piping, Tank To Pump, 3" w/3" Air Operated Ball Valve	17	1	HME
30-20-2500		-- No Additional Tank To Pump Valve Control Required		1	HME

PART NO	S	DESCRIPTION	PG	QTY	ID
30-22-0400		-- Tank Refill, 2" Line w/ 1/4 Trn Bll Vlv	17	1	HME
		<b>Direct Tank Fill - Left Rear</b>		<b>1</b>	<b>HME</b>
30-23-0002		-- No Left Rear Direct Tank Fill Required		1	HME
70-16-0010		-- No Spanner/Hydrant Wrenches Required		1	HME
		<b>Foam Systems</b>		<b>1</b>	<b>HME</b>
20-32-5690	>	Fire Research "TurboFoam" (Direct Inj 2.6 GPM - Class A Only)	18	1	HME
20-32-5052		-- Class 'A' Foam Operation Only	18	1	HME
20-32-7075		-- Foam Tank Refill System, HME Ahrens-Fox System	18	1	HME
20-32-7076		-- No Second HME Ahrens-Fox Foam Tank Refill System Required		1	HME
20-34-0199		-- Foam Syst Outlets - Mini Pumper	19	1	HME
		<b>Compressed Air Foam Systems</b>		<b>1</b>	<b>HME</b>
20-32-5999		No CAFS System Required		1	HME
		<b>APPARATUS BODY DESIGN AND CONSTRUCTION</b>		<b>1</b>	<b>HME</b>
32-02-0100		Body Design and Construction, Utility/Mini, Stainless Steel	19	1	HME
32-02-9000		-- Compartment Interior Finish	20	1	HME
46-18-0894		-- Beveled Rear Tailboard, 8", LaserGrip Stainless Steel	21	1	HME
		<b>EXTERIOR COMPARTMENTATION AND EQUIPMENT</b>		<b>1</b>	<b>HME</b>
40-01-2130		Frame Extension, Class IV Hitch Rear	21	1	HME
40-02-0180		Ext Compartment Design and Construction	21	1	HME
40-02-0204		-- Compartment Ventilation w/Filtration	21	1	HME
40-02-0284	>	Compartment Body - 300 gallon - Mini Pumper	22	1	HME
		<b>Water / Foam Tanks and Equipment</b>		<b>1</b>	<b>HME</b>
30-04-0486		-- Water Tank Capacity, T-Tank, 300 US Gallons - Mini	22	1	HME
30-02-0900		-- Tank Fill Tower, 8" x 8", w/4" Vent	22	1	HME
30-10-1400		-- Water Tank Supplier - Builder's Selection	22	1	HME
30-12-0090		-- Cubic Ft, Body 139/Hsbd 40, Hosebed Height, 44", 108" OAL	22	1	HME
30-14-3001		-- Foam Tank, (1) 15 Glns, Cls A, Tank Internal	22	1	HME
30-21-0100		-- No Tank Drain Valve Required		1	HME
		<b>HOSEBED</b>		<b>1</b>	<b>HME</b>
34-02-0118		-- Hosebed, S/S w/5" Extnd Sds/Rmvbl HD Ext Alm Flbrds	23	1	HME
34-04-0710		-- Divider, Hosebed, Adjustable, Smth Alum w/Radius Crnr	23	1	HME
34-05-0100		-- No Hosebed Mounted Stokes Mounting System Required		1	HME
34-06-0310		-- Hosebed Cover, Black	23	1	HME
		<b>LEFT SIDE EXTERIOR COMPARTMENT DIMENSIONS</b>		<b>1</b>	<b>HME</b>
40-12-004M		-- Left Side Compartments - Mini Pumper	23	1	HME
40-15-0094		-- Roll Up Doors, L/S, Painted Finish - Mini Pumper	24	1	HME
40-16-0400		-- Door Latches, L/S, Non-Locking Lift Bar w/Door Ajar Switch	24	1	HME
40-18-0200		-- No L/S Rollup Door Straps Required At This Time		1	HME
46-08-1199		-- No Roll-Up Door Shields Required		1	HME
		<b>FENDER CONFIGURATIONS</b>		<b>1</b>	<b>HME</b>
41-00-0001		-- Wheel Area, Single Axle	24	1	HME
46-02-0202		-- Fuel Fill, L/S Rr Fndr w/Door, Label	24	1	HME
46-06-0406		-- Fenderettes and Wheel Well Liners - Stainless	25	1	HME
46-08-0200		-- Mud Flaps, Rear	25	1	HME
		<b>RIGHT SIDE EXTERIOR COMPARTMENT DIMENSIONS</b>		<b>1</b>	<b>HME</b>
42-02-004M		-- Right Side Compartments - Mini Pumper	25	1	HME
42-07-0094		-- Roll Up Doors, R/S, Painted Finish - Mini Pumper	25	1	HME
40-16-0400		-- Door Latches, L/S, Non-Locking Lift Bar w/Door Ajar Switch	26	1	HME
40-18-0200		-- No L/S Rollup Door Straps Required At This Time		1	HME
46-08-1199		-- No Roll-Up Door Shields Required		1	HME
		<b>REAR BODY EXTERIOR COMPARTMENT DIMENSIONS</b>		<b>1</b>	<b>HME</b>
42-12-0796		-- RR1, Ext Compt, Rear, 33-1/2" H x 48" W x 42" D, Full Height	26	1	HME
28-22-0200		-- No Compartment Mounted Booster Reel Required		1	HME
42-23-0204		-- Roll Up Door, Rear, Satin Anodized Finish, Full Height	26	1	HME
42-26-0200		-- Door Latch, Rear, Non-Locking Lift Bar w/Door Ajar Switch	26	1	HME
42-32-0200		-- No Rear Rollup Door Straps Required		1	HME
46-08-1199		-- No Roll-Up Door Shields Required		1	HME
84-04-5050		-- Chevron, Rear Body NFPA, 6" - Pumper Tall Rear Door	26	1	HME
84-04-8002		-- Chevron Color - Red and Yellow Reflective	26	1	HME
		<b>EXTERIOR BODY COMPONENTS</b>		<b>1</b>	<b>HME</b>
46-06-0460		-- No Painted Apparatus Body Required		1	HME
		<b>Compartment Top Storage</b>		<b>1</b>	<b>HME</b>
46-09-0006		-- L/S Compartment Top		1	HME
46-09-0014		-- Tray, (2) 9' Suction, L/S, Abv Cmpt - Utility	26	1	HME
76-02-0200		-- No Hard Suction Hose Required		2	HME

PART NO	S	DESCRIPTION	PG	QTY	ID
46-09-0008		-- R/S Compartment Top		1	HME
72-00-001M		-- Compartment Top Ladder Group - 8-Fold, 8-Roof, 14-2 Sec	27	1	HME
72-04-0258		-- Ladder, 8' Roof, Duo-Safety, Channel Rail, Aluminum	27	1	HME
72-06-0300		-- Ladder, 8' Fldng Attic, Duo-Safety, Aluminum	27	1	HME
72-08-0301		-- Ladder, 14' Two-Sect Ext, Duo-Safety, Solid Beam Aluminum	27	1	HME
46-10-0208		-- Lights, Compartment, LED Strip, Armor Protected - White/Red	27	1	HME
46-14-0224		-- Lights, Underbody, LED Strip, Armor Protec	27	1	HME
46-16-0311		-- Steps, Folding, Rear of Body - Three	28	1	HME
46-18-0710	>	-- Upgraded Folding Step with LED light	28	3	HME
		<b>HEADLIGHT / TAILLIGHT / TURN / ICC LIGHTING</b>		<b>1</b>	<b>HME</b>
55-01-0124		-- Commercial Cab - Mini		1	HME
55-02-2004		-- Body - LED - ICC Lighting - Reflectors	28	1	HME
55-06-0430		-- Rear Stop/Tail/Turn/Backup - Whelen	28	1	HME
55-06-0480		-- Back Up Alarm	28	1	HME
55-06-1000		-- License Plate Bracket w/LED Light	28	1	HME
		<b>WARNING LIGHT PACKAGES</b>		<b>1</b>	<b>HME</b>
57-01-Z350		-- Whelen - LED - ULTIMATE Package - Includes Upper Rear Warning Lights		1	HME
57-04-3310		-- Lightbar, Frt, Whelen - Justice - LED	28	1	HME
57-04-2400		-- No Elevated Lightbar Required		1	HME
57-04-8010		-- Lightbar Side Warning Lights, Alley/Flood, Ground Lights		1	HME
57-20-3408		-- Brush Guard Front Warning, Whelen - LED Ultimate Package	29	1	HME
57-30-3408		-- Brush Guard Side Warning, Whelen - LED Ultimate Package	29	1	HME
57-34-3420		-- Body Side Warning, Whelen - LED Ultimate Package	29	1	HME
57-40-3422		-- Upper Rear, Whelen - LED Ultimate Package	29	1	HME
57-42-3308		-- Lower Rear, Whelen - LED Ultimate Package	30	1	HME
		<b>BODY WORK LIGHTS</b>		<b>1</b>	<b>HME</b>
58-02-0310		-- Worklights,Maxxima, (2) MWBL-115, LED, Mnt Frt Body Top	30	1	HME
		<b>BODY QUARTZ LIGHTING</b>		<b>1</b>	<b>HME</b>
58-14-0160		-- FRC - LF Corner - Utility	30	1	HME
58-15-1015		-- FRC, Focus, 150W, 12VDC	30	1	HME
58-15-8002		-- No Lamphead Switch Required		1	HME
58-15-8006		-- No Lamp Wire Guard Required		1	HME
58-18-0100		-- No Remote Switch for Quartz Light Required - Cab		1	HME
58-18-0204		-- Switch, Remote, 12 V w/240V Relay, Mtd Pump Panel	31	1	HME
58-15-8010		-- FRC, Bottom Raise Pole - 530	31	1	HME
58-14-0170		-- FRC - RF Corner - Utility	31	1	HME
58-15-1015		-- FRC, Focus, 150W, 12VDC	31	1	HME
58-15-8002		-- No Lamphead Switch Required		1	HME
58-15-8006		-- No Lamp Wire Guard Required		1	HME
58-18-0100		-- No Remote Switch for Quartz Light Required - Cab		1	HME
58-18-0204		-- Switch, Remote, 12 V w/240V Relay, Mtd Pump Panel	31	1	HME
58-15-8010		-- FRC, Bottom Raise Pole - 530	31	1	HME
58-13-0130		-- No Quartz Lighting - Lft Rr Body Corner Required		1	HME
58-13-0140		-- No Quartz Lighting - Rt Rr Body Corner Required		1	HME
		<b>SHELVES - MINI PUMPER</b>		<b>1</b>	<b>HME</b>
48-03-3210		Shelf Package, Deep - One (1) each in R1, L1, R3, L3	31	1	HME
48-08-0200		-- No Matting on Shel(ves)/Tray(s) Required		4	HME
84-04-2898		-- No Shelf Edge Striping Required		1	HME
48-03-3310		Shelf Package, Deep - One (1) each in R2, L2	32	1	HME
48-08-0200		-- No Matting on Shel(ves)/Tray(s) Required		2	HME
48-03-3410		Shelf Package, - One (1) in RR1	32	1	HME
48-08-0200		-- No Matting on Shel(ves)/Tray(s) Required		1	HME
		<b>TRAYS</b>		<b>1</b>	<b>HME</b>
48-04-0102		No Pullout Tray(s) Required		1	HME
		<b>FOXTRAX</b>		<b>1</b>	<b>HME</b>
48-14-0102		No FoxTrax Alum Toolboard In Compts Required		1	HME
		<b>REAR TRAFFIC ADVISOR</b>		<b>1</b>	<b>HME</b>
57-44-0000	>	No Rear Body Traffic Advisor Light Required		1	HME
		<b>WHEEL CHOCKS</b>		<b>1</b>	<b>HME</b>
70-24-1010		Wheel Chocks, (2) Worden 7HY HD, Yellow Alum - OES	32	1	HME
		<b>REFLECTIVE STRIPING</b>		<b>1</b>	<b>HME</b>
84-02-0800		Striping, 4" Scotchlite, Reflective, Vehicle Perimetr	32	1	HME
84-04-1202		-- No Stripe Flare Required		1	HME
84-04-3010		-- Base Stripe Color, White Reflective	32	1	HME

