



Shop Order

Carrier Truck Center Inc
 645 Athlone Place
 Woodstock, ON N4S 7V8

Lambton Shores Fire Department
 Chief Lawrence Swift
 Lambton Shores, ON

Exp. Date: 09/06/2018
Quote No: Lambton Shores, ON-0006
Job/Order No: Job#19923 -
BODY: 00-10-15 Metalfab Pumper - ULC 05/13

01/31/2019

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PART NO	S	DESCRIPTION	QTY	ID
		== Metalfab Pumper - ULC 05/13 - 0.000 ==	1	MTL
	S	CHANGE ORDER A	1	MTL
00-10-1500		Metalfab Pumper E	1	MTL
00-20-1000		Company Profile E	1	MTL
00-20-1500		Standard Body Warranty	1	MTL
00-20-1550		Metalfab Limited Ten (10) Year Paint and Corrosion Warranty	1	MTL
00-20-1700		Hale Pump Warranty - 5 years	1	MTL
00-20-1800		Polypropylene Tank Lifetime Warranty	1	MTL
00-20-2000		Plant Visits - unlimited at customer expense	1	MTL
00-20-3000	S	No Bonding Requested	1	MTL
00-20-3500		Certification for Fusion Welding of Aluminum	1	MTL
00-20-4000	S	Quality System registered to ISO 9001:2015	1	MTL
00-20-4500		Fire Apparatus Manufacturers' Association Membership	1	MTL
		GENERAL INFORMATION	1	MTL
10-11-0000		Intent E	1	MTL
10-11-0110		Vehicle data recorder included with chassis	1	MTL
10-11-1100	S	ULC S515-13 Compliance	1	MTL
10-11-1500		> ULC Testing - Pumper	1	MTL
		ENG. NOTE:		
		Note in the shop note if the Fire Department wishes to witness the test		
10-11-2100		Maximum length not specified E	1	MTL
10-11-2200	S	Maximum height - 120"	1	MTL
		With monitor installed, not to exceed 120"		
10-11-2400		Overall length is 30' or more	1	MTL
10-11-2500		General Construction	1	MTL
10-11-3000		Manuals - two copies	1	MTL
		***Two copies of manuals are required.		
10-11-3600	S	> Delivery - FOB Fire Department - by CCEV	1	MTL
		ENG. NOTE:		
		Note in the shop note if more than 4 hours of training is required		
10-11-4200	S	Payment Terms - Chassis and Body COD	1	MTL
10-20-1000		Hose bed capacity - standard ULC Pumper	1	MTL
10-20-2000		Equipment carrying capacity - standard ULC Pumper	1	MTL
		This vehicle is designed to carry the standard ULC miscellaneous equipment load of 2000 pounds for a vehicle with less than 250 cubic feet of compartment space.		
		CHASSIS INFORMATION	1	MTL
20-11-1000	S	Chassis supplied by Metalfab - 2018 International MV	1	MTL
		Four door cab, 5 seating positions		
		40,000 lb GVWR 14,000 lb front axle 26,000 lb rear axle		
		252" wheelbase 141" cab to axle		
		Cummins L9 350 HP @ 2000 rpm, 2200 governed rpm		

PART NO	S	DESCRIPTION	QTY	ID
		1000 lb-ft torque		
		3000 EVS automatic transmission, 325 Amp alternator		
		189 liter fuel tank		
		Polished aluminum wheels		
		Flashing headlights		
		Color is 2303 Red		
20-11-1500		2013 Emission chassis modifications	1	MTL
20-11-1700	S	Chassis Motor Vehicle Inspection required - by CCEV	1	MTL
20-21-0500		Fluid capacity plate	1	MTL
20-21-0600		Pumping test plate	1	MTL
20-21-1030		Maximum riders sign - 5 persons	1	MTL
20-21-1510		Seat belt warning labels - 4 door chassis	1	MTL
20-21-1530		Tire Pressure Indicators - Single Axle	1	MTL
20-21-1600		Apparatus Information Label	1	MTL
		An information label is provided in the chassis cab, visible to the driver, stating: "When manufactured, this vehicle was: ** m high ** m long ** kg GVW Changes in height since the apparatus was manufactured shall be noted on this plate by the Fire Department"		
20-21-2000		Non removable key	1	MTL
20-21-2500		Shifter lock not required E	1	MTL
20-21-3500		Rear step warning label	1	MTL
20-21-3810		Front mudflaps provided with chassis E	1	MTL
20-21-4000		Rear mudflaps - Metalfab Logo	1	MTL
20-31-0200		Fuel fill label -Ultra Low Sulfur Diesel only	1	MTL
20-31-1100		Alum tread fuel tank covers, diamond grip steps, Conv - 4 dr	1	MTL
20-31-1900	S	Chassis cab painted 2303 Red by chassis OEM	1	MTL
20-31-4600	S	Extend front bumper, gravel shield, 12000 winch, and trash line Bumper is extended approximately 24". Hose well shall have capacity for 150' x 1-3/4" hose and nozzle	1	MTL
20-31-7000		SS nut covers, hub caps and high hats - single axle	1	MTL
20-31-7500		Console in cab Install siren (50-11-1400) and pump shift (30-51-0500) in console. Console will include a removable panel for future installation of two way radio's. Console to be similar to Petrolia, ON M05-4502. Gray Zolatone finish Customer to send pictures of console to be matched	1	MTL
20-41-0600	S	No intake air shutoff for engine	1	MTL
20-41-0900		Auxiliary braking system disabled when pumping	1	MTL
20-41-1100		Transmission programming - Allison WT ***Includes "Pump Engaged" light next to pump shift on chassis instrument panel.	1	MTL
20-41-1500		Extend exhaust pipe - RS front of rear wheels E Engineering to specify exhaust pipe material as required by the chassis manufacturer. Engineering to sign off on the exhaust configuration to make sure it meets the chassis manufacturer's emission specifications.	1	MTL
20-41-1801		Battery boost terminals not required - batteries accessible	1	MTL
20-41-2000		Chassis batteries remain in OEM location	1	MTL
20-41-2510		Fuel fill at step fuel tank under cab	1	MTL
20-41-2600		Chassis fuel tank remains in OEM location	1	MTL
20-41-5000		Rear Tow Hooks - under body *** Flat bar tow hooks under rear step (2)	1	MTL
20-51-0700		Master Battery Disconnect included with chassis	1	MTL
20-51-2500		Back up alarm included with chassis	1	MTL
20-51-3400		Protection valve installed for air operated accessories	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
20-51-4000		Auto eject for air inlet - LS Located on left side pump panel	1	MTL
20-51-6200	S	> 120 volt 20 A shore line connection ENG. NOTE: Requires 20-51-75 120 volt auto eject or 20-51-80 120 volt inlet Receptacle #1 - in cab for battery conditioner to plug into Receptacle #2 - in console 20-31-7500 to match pictures that customer will supply Receptacle #3 - L1 - left side front compartment on rear wall close to the roll up door Receptacle #4 - L3 - left side rear compartment on rear wall close to the roll up door Receptacle #5 - R1 - right side front compartment on rear wall close to the roll up door Receptacle #6 - R3 - right side rear compartment on rear wall close to the roll up door Customer confirmed the above locations by e-mail 11.02.2018	6	MTL
20-51-6500		Kussmaul Autocharge 1000 battery conditioner w/battery saver Located under seats back of cab	1	MTL
20-51-7102	S	Electric System Management included with chassis - Diamond Logic	1	MTL
20-51-7500		Super Auto eject for 120 v - 20 A with sealed enclosure Located on left side pump panel	1	MTL
20-51-8510	S	Engine compartment light LED Switched with park brake	1	MTL
20-51-9110		Air horns on hood, chassis OEM switch controlled E	1	MTL
20-52-3000		> Chassis steering wheel lined up by others ENG. NOTE: Required for all chassis except Freightliner, Sterling, Spartan	1	MTL
20-52-4000	S	Rear View Camera system Rearview Systems STM5600 with 5.6" colour monitor in cab. The monitor will be installed on the chassis dash.	1	MTL
20-60-0400		Chassis wheelbase does not change	1	MTL
		PUMP AND PLUMBING		
30-11-5600		Hale QFLO Single stage 1050 IGPM	1	MTL
30-12-3300		Mechanical seal for Hale QFLO pump	1	MTL
30-15-0104		Plumbing - Hale manifold pump SM SS E	1	MTL
30-20-0500		Valves and controls - side mount panel	1	MTL
30-20-1003	S	Suction and discharge valves are Elkhart brand	1	MTL
30-20-1600		Piping stainless steel - general	1	MTL
30-20-1700	S	1-1/2" thread specifications - NPSH	1	MTL
30-20-1800	S	2-1/2" thread specifications - CSA	1	MTL
30-20-2000		Piping hydrostatic test	1	MTL
30-20-2500		Anodes in suction and discharge piping Install one anode on discharge side of pump, one anode on suction side of pump - do not use teflon tape or thread sealant. Paint flange silver and mask brass anode before painting for visibility.	1	MTL
30-21-5560		Tank to Pump SS 3" w/ check valve manifold pump	1	MTL
30-22-0520		Tank Fill valve 2" SS	1	MTL
30-31-4010		Suction - 6" not gated each side manifold pump	1	MTL
30-31-5100		Suction - 4" SS piping to rear - handwheel control - 6" connection E Bleeder required. ***A suction extension with bottom machining required***	1	MTL
30-31-7220		Butterfly valve handwheel control remote indicator light closed only For the rear suction 30-31-5100	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
30-32-7530		<i>Suction - 2-1/2" left side SS, bleeder, Hale manifold pump</i>	1	MTL
30-32-8030		<i>Suction - 2-1/2" right side SS, bleeder, Hale manifold pump</i>	1	MTL
30-40-2020		<i>4" right discharge SS, plumbed 3", Hale manifold pump</i> Bleeder and slow close required	1	MTL
30-41-2020		<i>2-1/2" RS discharge SS, bleeder, Hale manifold pump</i>	1	MTL
30-41-2520		<i>2-1/2" LS discharge SS, bleeder, Hale manifold pump</i>	2	MTL
30-43-1520	S	<i>2-1/2" rear discharge SS, plumbed 2-1/2", bleeder</i> *** Right side - inboard of suction hose storage tubes. The discharge will be plumbed for foam as confirmed by customer 11.02.2018 e-mail.	1	MTL
30-44-0520		<i>1-1/2" crosslay (each) SS, 2" valve, bleeder</i> Capacity for minimum of 200' in each lay The transverse hose bed is equipped with stainless steel rollers on each end for easier hose removal. Bleeder valve provided on pump panel.	2	MTL
30-44-1020		> <i>1-1/2" front trash line SS, plumbed 2", hosewell</i> ENG. NOTE: Requires extended front bumper, gravelshield Minimum capacity for 150' x 1-3/4" hose and nozzle. Drain holes required. Plastic matting in bottom of hose well. Slot in hose well door so hose can stay connected. Quarter turn "D" handle for latch.	1	MTL
30-44-6520		<i>Piping for monitor SS, plumbed 3", bleeder</i> Centered transversely behind Crosslays. Located the Akron 3423 Monitor (80-16-0500) can be swiveled 360 degrees. ***Plumb so with monitor installed it is under maximum height of 120"***	1	MTL
30-51-0500		Pump shift-Midship air ***Includes "Pump Engaged" and "OK to Pump" indicator lights on chassis instrument panel ***Includes "Throttle Ready" indicator light on Pump operating panel	1	MTL
30-51-0700		Pump Gearbox mounted manual over ride for pump shift E	1	MTL
30-51-6800		<i>FRC InControl Governor/Throttle engine display with throttle knob</i>	1	MTL
30-51-7000		<i>Suction side relief V/V, manifold pump</i> One for main pump and one for the rear gated suction.	2	MTL
30-51-7715		<i>Trident Automatic Air Primer 3 barrel 2 location</i> Location #1 - for priming pump Location #2 - for pre-priming gated rear suction	1	MTL
30-51-7720		<i>Additional air tank for air primer system</i> An additional air tank is provided to improve air primer capacity - supplied and installed by Metalfab	1	MTL
30-51-8100		<i>Heat exchanger included with chassis</i>	1	MTL
30-52-1000		Master drain V/V, 12 port	1	MTL
30-52-2000		<i>Drain valve for foam system header</i>	1	MTL
30-52-4010	S	<i>Foam System - Hypro FoamPro 1600</i> The 1-1/2" Crosslays, the front trash line and rear 2-1/2" discharges will be foam solution capable. The customer is aware that they will not be able to flow foam to every discharge simultaneously. Customer confirmed this by e-mail 11.02.2018.	1	MTL
30-52-9100		<i>Foam concentrate label at foam tank fill</i>	1	MTL
30-52-9200		<i>Foam System Instruction Plates</i>	1	MTL
30-52-9400		<i>NFPA Foam System certification test</i>	1	MTL
		WATER AND FOAM TANKS	1	MTL
40-11-2100		Polypropylene water tank (Imperial gallons)	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
40-11-2200		Water tank capacity certification (tank manufacturer)	1	MTL
40-11-5000		Tank capacity 1000 Imperial Gallons	1	MTL
40-12-4500		Foam cell - 20 Imperial gallon	1	MTL
40-21-0500		3" tank to pump connection	1	MTL
40-22-0500		2" tank fill connection	1	MTL
40-23-0500		1" water level gauge connection	1	MTL
40-23-1000		1" foam level gauge connection	1	MTL
40-30-0400		3" plug in sump box	1	MTL
40-30-1000		Water Fill Box front left corner	1	MTL
40-31-0400		Rear dump valve not requested E	1	MTL
40-31-6050		Rear fill not requested E	1	MTL
		ELECTRICAL	1	MTL
50-11-0450		Base electrical system - International Diamond Logic multiplex	1	MTL
50-11-0600		Warning Light Certification	1	MTL
50-11-0700		Low Voltage Electrical system test	1	MTL
50-11-0800		Low Voltage Electrical System Documents	1	MTL
		As required by ULC and NFPA standards		
50-11-0900		Rocker switch panel with master warning switch	1	MTL
		***Rocker switches in dash as supplied with the chassis:		
		MASTER		
		-LIGHT BAR RED		
		-LIGHT BAR CLEAR		
		-FLASHING WARNING		
		-LEFT SCENE LIGHTS		
		-RIGHT SCENE LIGHTS		
		-REAR SCENE LIGHTS		
		-WIG WAGS (Flashing headlights included with chassis)		
50-11-1400		Federal PA300 100 watt siren	1	MTL
50-11-1625		Siren speaker,100 watt, behind chassis grille	1	MTL
50-11-2600		Siren to be accessible to driver and officer	1	MTL
50-11-6100	S	Whelen F4N0QLED LED light bar NFPA	1	MTL
50-11-6600	S	Rear LED Traffic Advisor warning lights - surface mount	1	MTL
		There will be an LED traffic advisor installed on the rear of the body.		
50-11-8001	S	> No rear beacons	1	MTL
		ENG. NOTE:		
		Confirm that necessary lighting for ULC/NFPA is present		
50-12-8510	S	Front LED flashers (pr)-Whelen LED 400 with integral flasher	1	MTL
		One red (left), One blue (right)		
50-12-8620	S	Rear LED flashers (pr)-Whelen LED C9 with integral flasher - upper	1	MTL
		One red (right), one blue (left)		
50-12-8700	S	Front side inter lts (pr) - Whelen red LED 400	1	MTL
50-12-8800	S	Body side inter lts (pr)-Whelen red LED 400	1	MTL
50-12-8820	S	Body side inter lts (pr)-Whelen red LED C9 with integral flasher	2	MTL
		Locate on body sides - Upper front and upper rear.		
50-12-8901		> Add'l body side inter lts (pr)-Whelan red LED 400 with integral flasher	1	MTL
		ENG. NOTE:		
		Required if distance between front and rear side intersection lights exceeds 25'		
		In rear fenders - forward most		
50-21-25AA	U	FRC Spectra LED 12-Volt telescoping light - SPA530-Q15 (ea)	2	
		SPA530-Q15-SW-SR-ON-NS-A		
		Switched on light head - Includes Hazard switch wired to the door ajar warning light in cab, Steady rest and No Scratch option.		
		These lights will be wired to shed through Diamond Logic		
		Lights will be installed at the front of pump house , one each side.		
50-21-5100		> Compartment lighting - LED tube lights in each compartment (rollup doors)	1	MTL
		ENG. NOTE:		

PART NO	S	DESCRIPTION	QTY	ID
		Rollup doors only		
50-21-5500		Door Ajar warning light Located in chassis dash as supplied by International Bilingual warning label in cab to read: "Do Not Move Apparatus when Light is on"	1	MTL
50-21-8001		Step lights for body steps - 4" LED Switched by park brake Additional 4" LED grommet mounted lights installed to illuminate the upper rear intermediate steps (4 required) Luma bars will be installed at rear to illuminate the 19" rear step	1	MTL
50-21-8201	S	Step lights for chassis steps - LED Switched by park brake	1	MTL
50-21-8600		LED clearance lts and reflectors	1	MTL
50-21-8800		LED intermediate turn signal/clearance/reflector length >30'	1	MTL
50-22-0750	S	Whelen 64 LED CAST 4V tail/brake-turn-backup-warning module (pr) Warning lights to be one red (left) and one blue (right)	1	MTL
50-31-6021	U	Whelen C9SC LED Scene lights (pr) - Left side Switched in cab	1	
50-31-6022	U	Whelen C9SC LED Scene lights (pr) - Rear facing Switched in cab and when transmission is place in reverse gear	1	
50-31-6023	U	Whelen C9SC LED Scene lights (pr) - Right side Switched in cab	1	
50-31-6560		Ground lighting (LED Lumabar) - 4 door chassis Switched by park brake	1	MTL
50-31-6570		Ground lighting (LED Lumabar) - side mount body Switched by park brake	1	MTL
50-99-10AA	U	Hose bed cover lights - 40" Lumabars (4 total) Switched by park brake	1	
50-99-25AA	U	LED lighting for walkway in center of hose bed 3 x 20" Lumabars Switched by park brake	1	
		BODY	1	MTL
60-10-1400		Single axle extruded aluminum body Full width hose bed with center walkway Inset rear step/platform on rear over back compartment	1	MTL
60-10-4100		No "beavertail" rear step supports	1	MTL
60-10-4600		Painted fender surround E	1	MTL
60-10-4700		Integral aluminum fender trim	1	MTL
60-10-5400		> Diamondback pumphouse steps ENG. NOTE: Maximum height of step is 24" from ground	1	MTL
60-10-5430		> Diamondback 19" rear step ENG. NOTE: Maximum height of rear step is 24" from ground	1	MTL
60-10-6000		Extruded rub rail	1	MTL
60-11-0300		> Front left side compartments full height E ENG. NOTE: Specify critical dimensions in shop note	1	MTL
60-11-0700		> Front right side compartments full height E ENG. NOTE:	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
		Specify critical dimensions in shop note		
60-11-1000		> <i>Rear left side compartments full height E</i> ENG. NOTE: Specify critical dimensions in shop note	1	MTL
60-11-1400		> <i>Rear right side compartments full height E</i> ENG. NOTE: Specify critical dimensions in shop note	1	MTL
60-11-2000		> <i>High side compartment (over 18") each</i> ENG. NOTE: Specify critical dimensions in shop note Specify type of door Specify flip up or drop down Specify which side of body	2	MTL
60-11-2500		> <i>Rear compartment at step level</i> ENG. NOTE: Specify critical dimensions in shop note	1	MTL
60-11-3000	S	> <i>Rear compartment above first intermediate step</i> ENG. NOTE: Specify critical dimensions in shop note Lighting and door ajar switch required	1	MTL
60-11-4500	S	<i>Surface mount aluminum door - single with "D" handle</i> For the compartment above the first intermediate step on rear. Flip up surface mount smooth plate door with "D" handle.	1	MTL
60-11-5500		<i>Rollup door - standard height</i> Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point Located as follows; Left side compartment over rear wheels Right side compartment over rear wheels Back compartment	3	MTL
60-11-5520		<i>Rollup door - full height</i> Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point Located as follows; Left side front compartment Left side rear compartment Right side front compartment Right side rear compartment	4	MTL
60-11-553A	U	<i>Amdors to be equipped with locks</i>	7	
60-11-5655	U	<i>Amdor pull strap - Flex HD - for L2 and R2 compartment doors</i> Include with door order Metalfab part number 1003066 Amdor part number AY-9355-18 For door opening height of 20" to 37" Installed on the following doors Left side and right side doors over rear wheels	2	
60-11-5660	U	<i>Amdor Pull strap - Flex HD for L1, L3, R1 and R3 compartment doors</i> Include with door order Metalfab part number 1003068 Amdor part number AY-9355-36 For door opening height of 49" to 70" Installed on the following doors Left side front compartment door	4	

PART NO	S	DESCRIPTION	QTY	ID
		Left side rear compartment door		
		Right side front compartment door		
		Right side rear compartment door		
60-31-4100		Extruded aluminum handrails Minimum 2" clearance from handrail to any surface	1	MTL
60-31-5500	S	Steps at rear of body (folding) with LED lights - 4 total Maximum height between steps is 18" Lower portion only - 4 total Lights switched with park brake	1	MTL
60-31-5600	S	Steps and grab handles at front of body next to pump panel Maximum height between steps is 18"	1	MTL
60-31-6500		Compartment matting-Turtle tile	1	MTL
60-31-80AA	U	BA bottle storage in fender well Provisions will be made to store seven (7) SCBA Cylinders in rear fenders. One in left side rear fender forward most. One in left side rear fender rearward most. Four in right side rear fender forward most. One in right side rear fender rearward most. Signature 4 brand with brushed stainless steel door Retaining straps required.	7	
60-31-8800		> Sliding tray (ea) - 600 pound capacity ENG. NOTE: Specify location ***Hardware requires 3-1/2" of compartment height Reflective stripe is applied on the exposed edge for visibility when the compartment door is open Located in the following compartments at floor level; Tray #1 - Left side front compartment Tray #2 - Left side rear compartment Tray #3 - Right side front compartment Tray #4 - Right side rear compartment	4	MTL
60-31-9600		> Adjustable shelf (ea) ENG. NOTE: Specify location Reflective stripe is applied on the exposed edge for visibility when the compartment door is open Located in the following compartments Shelf #1 - Left side front compartment - shallow depth Shelf #2 - Left side front compartment - full depth - welded corners due to width Shelf #3 - Left side compartment over rear wheels - full depth Shelf #4 - Left side rear compartment - shallow depth Shelf #5 - Left side rear compartment - full depth - welded comers due to width Shelf #6 - Right side front compartment - shallow depth Shelf #7 - Right side front compartment - full depth - welded corners due to width Shelf #8 - Right side compartment over rear wheels - full depth Shelf #9 - Right side rear compartment - shallow depth Shelf #10 - Right side rear compartment - full depth - welded corners due to width	10	MTL
60-32-3550	S	Two fixed and two adjustable hose divider (each) Hand hold required in end	1	MTL
60-32-7500		Hose bed - aluminum	1	MTL
60-33-0000		Paint exterior - Imron Elite *** Paint code and colour red to match cab	1	MTL
60-33-0200		Undercoat vehicle with KROWN rust protection	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
60-33-0600		Chassis wheels not painted Polished aluminum wheels	1	MTL
60-33-1000		Paint pump and plumbing job colour	1	MTL
60-33-1500		Buffed finish compartment interior	1	MTL
60-33-2200		Lettering - 80 letters up to 3" tall - 3 colour Customer to supply 3M letters and pictures.	1	MTL
60-33-3300	S	Reflective stripe - special graphics -TBD 50% of perimeter each side and 25% of perimeter front	1	MTL
60-33-3310		Reflective stripe - red and yellow chevron at rear Minimum 50% of rear vertical surface	1	MTL
60-33-3580	U	Non slip embossed aluminum overlay on top walkway in hose bed	1	
60-33-3600		Reflective stripe - inside entry doors 96 square inches minimum inside each cab entry door	1	MTL
60-33-4600		Aluminum cover over crosslays - with end tarps (black) Small tarps with Velcro straps to enclose each end are provided.	1	MTL
60-33-5000		Aluminum cover over hose bed with end tarps - black E Walkway down center as shown on drawing Rear flaps with Velcro straps will be provided on the rear of the covers to tie around the rear handrail or footman's loops. Covers to be wired to activate the door ajar warning light in cab when in the open position.	1	MTL
60-40-9000		> Tube mount for ladders, with rear door ENG. NOTE: Specify location, ladders to be installed in this tube, complete dimensions of ladders if user supplied For the 24' two section ladder 80-14-0500 and the 14' roof ladder 80-14-5500	1	MTL
60-40-9500	S	> Tube for two 6" x 10' suction hoses, with rear door ENG. NOTE: Note location of tube, portable tank to be installed, dimensions of portable tank if customer supplied For the two suction hoses 80-11-5000	1	MTL
60-41-1015		Pike Pole tube in suction hose tube 2" ID tubes for standard 10' or shorter pike poles with Fiberglass or wooden handles. They will be stored under the tubes for the suction hoses (60-40-9500)	2	MTL
60-41-1500	S	Attic ladder tube in with 60-40-9500 suction hose tube For the 10' attic ladder 80-14-8500. It will be stored under the tubes for the suction hoses (60-40-9500)	1	MTL
INSTRUMENTATION			1	MTL
70-11-0000		Warning Label on Pump Operator's Panel	1	MTL
70-11-0500		Side mount instrument panel No gauge or visual display can be higher than 84" above the operator's standing position Midpoint of any control cannot be higher than 72" above the operator's standing position	1	MTL
70-11-1500		Stainless steel instrument panels No gauge or visual display can be higher than 84" above the operator's standing position Midpoint of any control cannot be higher than 72" above the operator's standing position	1	MTL
70-11-3205	U	Vision Mark tags	1	

PART NO	S	DESCRIPTION	QTY	ID
70-11-4100		Stainless steel side panel hood left side	1	MTL
70-11-4500		Diamondback grip type panel hood step right side	1	MTL
70-11-5100		Open storage at rear top of pump house	1	MTL
		Floor material to be embossed aluminum treadplate		
70-11-5500		Right side tread plate pump access door No opening dimension less than 18"	1	MTL
70-11-7500		Heat pan-aluminum	1	MTL
70-11-8000		Heater in pump compartment	1	MTL
70-20-1500	S	2-1/2" pressure gauge - dual face 0-400 Gauge to be no more than 6" from edge of the gauge to the center of the control.	9	MTL
70-20-2500		Primer control	1	MTL
70-20-2501		Additional Primer control	1	MTL
70-20-3300		FRC InControl Governor Control Throttle can be no lower than 42" and no higher than 72" from operator's standing position.	1	MTL
70-20-3500		Electric water level gauge on pump panel, Class One	1	MTL
70-20-6500		Test gauge panel Mount below the compound gauges for proper draining	1	MTL
70-20-7500		Heat exchanger control valve	1	MTL
70-21-1500	S	Electric Foam Level gauge on pump panel, Class One Include access to and room for sender in front of body and back of pump house	1	MTL
70-21-5500		Panel readout for Battery Conditioner Located on left side pump panel	1	MTL
		ACCESSORIES		
80-11-5000		6" x 10' lightweight suction hose (ea) Tube mounted	2	MTL
80-12-2500		6" barrel strainer Not mounted, shipped loose - Customer will mount	1	MTL
80-12-2700		6" floating strainer Not mounted, shipped loose - Customer will mount	1	MTL
80-13-0500		Rubber mallet Not mounted, shipped loose - Customer will mount	1	MTL
80-13-1500	S	Bar with bracket Location to be determined at the final inspection.	1	MTL
80-14-0500		24' 2 section extension ladder PEL 24 Tube mounted	1	MTL
80-14-5500		14' aluminum roof ladder PRL-14 Tube mounted	1	MTL
80-14-8500		10' aluminum folding attic ladder FL-10 Tube mounted	1	MTL
80-16-0500	S	Akron 3423 Portable/deck monitor with stacked tips Monitor mounted on 30-44-6520 piping, portable base shipped loose. CSA threads required for inlets on portable base, outlet on monitor, inlet and outlet on stream shaper, and female inlet of the stacked tips (possible part number 1521347 - Allison will confirm)	1	MTL
80-18-0600		SCBA brkt w/strap - ZICO ULLH - crew cab mount Install in the three SCBA type seat in the back of the cab and Officer's seating position.	4	MTL