



# Shop Order

Village d' Atholville  
 247 Notre Dame  
 Atholville, NB E3N 4T1

**Exp. Date:** 04/30/2018  
**Quote No:** Atholville, NB-0008  
**Job/Order No:** 20263  
**BODY:** 00-10-15 Metalfab Pumper - ULC 05/13

10/18/2019

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PART NO	S	DESCRIPTION	QTY	ID
		<b>== Metalfab Pumper - ULC 05/13 - 0.000 ==</b>	<b>1</b>	<b>MTL</b>
	S	<b>CHANGE ORDER B</b>	<b>1</b>	<b>MTL</b>
<b>00-00-0012</b>	<b>U</b>	<b>Exceptions to Tender</b>	<b>1</b>	
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
<b>00-20-1800</b>	<b>S</b>	<b>Polypropylene Tank Lifetime Warranty</b>	<b>1</b>	<b>MTL</b>
<b>00-20-2100</b>	<b>S</b>	<b>Plant Inspection Visits - Two visits, four representatives</b>	<b>1</b>	<b>MTL</b>
<b>00-20-3000</b>	<b>S</b>	<b>No Bonding Requested</b>	<b>1</b>	<b>MTL</b>
00-20-3500		Certification for Fusion Welding of Aluminum	1	MTL
<b>00-20-4000</b>	<b>S</b>	<b>Quality System registered to ISO 9001:2015</b>	<b>1</b>	<b>MTL</b>
00-20-4500		Fire Apparatus Manufacturers' Association Membership	1	MTL
		<b>GENERAL INFORMATION</b>	<b>1</b>	<b>MTL</b>
10-11-0000		Intent E	1	MTL
10-11-0105		Vehicle Data Recorder not requested E	1	MTL
<b>10-11-1100</b>	<b>S</b>	<b>ULC S515-13 Compliance</b>	<b>1</b>	<b>MTL</b>
10-11-1500		> ULC Testing - Pumper	1	MTL
		<b>ENG. NOTE:</b>		
		Note in the shop note if the Fire Department wishes to witness the test		
<b>10-11-2100</b>	<b>S</b>	<b>Maximum length - 33' (396")</b>	<b>1</b>	<b>MTL</b>
<b>10-11-2200</b>	<b>S</b>	<b>Maximum height - 116"</b>	<b>1</b>	<b>MTL</b>
		<b>The physical door opening from the door sill to the weather strip is 116"</b>		
<b>10-11-2400</b>		<b>Overall length is 30' or more</b>	<b>1</b>	<b>MTL</b>
10-11-2500		General Construction	1	MTL
<b>10-11-2600</b>	<b>S</b>	<b>Preconstruction Meeting - At the Saint-Arthur Fire Department</b>	<b>1</b>	<b>MTL</b>
10-11-3000		Manuals - two copies	1	MTL
		***Two copies of chassis manuals are required.		
<b>10-11-3600</b>	<b>S</b>	<b>&gt; Delivery - FOB Fire Department</b>	<b>1</b>	<b>MTL</b>
		<b>ENG. NOTE:</b>		
		Note in the shop note if more than 4 hours of training is required		
		<b>One full day of training required</b>		
10-11-4000		Payment Terms - Chassis Net 10 days, Balance 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
		<b>CHASSIS INFORMATION</b>	<b>1</b>	<b>MTL</b>
<b>20-11-1000</b>	<b>S</b>	<b>Chassis supplied by Metalfab - International HV607</b>	<b>1</b>	<b>MTL</b>
		<b>46,000 lb GVWR 16,000 lb front axle 30,000 lb rear axle</b>		
		<b>266" wheelbase 155" cab to axle - Confirm with Engineering before ordering chassis</b>		
		<b>Cummins L9 450 hp @ 2100 rpm 2200 governed rpm</b>		
		<b>1250 lb-ft torque at 1400 rpm</b>		

PART NO	S	DESCRIPTION	QTY	ID
		<b>3000 EVS Allison automatic transmission, 235 amp alternator</b>		
		<b>189 liter fuel tank, left side</b>		
		<b>Flashing headlights</b>		
		<b>ESC</b>		
		<b>2303 red - to be confirmed at the Pre-construction meeting</b>		
20-11-1500		2013 Emission chassis modifications	1	MTL
<b>20-11-1700</b>	<b>S</b>	<b>Chassis Motor Vehicle Inspection required - NB</b>	<b>1</b>	<b>MTL</b>
		<b>Chassis is provided with a New Brunswick Motor Vehicle Inspection dated the month of delivery.</b>		
20-21-0500		Fluid capacity plate	1	MTL
20-21-0600		Pumping test plate	1	MTL
<b>20-21-1030</b>		<b>Maximum riders sign - 5 persons</b>	<b>1</b>	<b>MTL</b>
<b>20-21-1510</b>		<b>Seat belt warning labels - 4 door chassis</b>	<b>1</b>	<b>MTL</b>
<b>20-21-1530</b>		<b>Tire Pressure Indicators - Single Axle</b>	<b>1</b>	<b>MTL</b>
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
20-21-3800		Front mudflaps	1	MTL
20-21-4000		Rear mudflaps - Metalfab Logo	1	MTL
20-31-0200		Fuel fill label -Ultra Low Sulfur Diesel only	1	MTL
<b>20-31-1000</b>		<b>Alum tread fuel tank trim, Conv - 4 door</b>	<b>1</b>	<b>MTL</b>
		Vertical trim only, OEM cab steps remain		
<b>20-31-1900</b>	<b>S</b>	<b>Chassis cab painted by chassis OEM</b>	<b>1</b>	<b>MTL</b>
<b>20-31-7000</b>		<b>SS nut covers, hub caps and high hats - single axle</b>	<b>1</b>	<b>MTL</b>
<b>20-31-7500</b>		<b>Console in cab</b>	<b>1</b>	<b>MTL</b>
		<b>Install siren (50-11-1400), pump shift (30-51-0500) and Customer supplied radios (50-35-0500) in console.</b>		
		<b>Storage area with hinged cover and lift and turn latch provided at rear of console.</b>		
		<b>Gray Zolatone finish.</b>		
		<b>Layout to be approved by the Fire Department prior to the build.</b>		
<b>20-41-0600</b>	<b>S</b>	<b>Intake air shutoff for engine not requested</b>	<b>1</b>	<b>MTL</b>
<b>20-41-0900</b>		<b>Auxiliary braking system disabled when pumping</b>	<b>1</b>	<b>MTL</b>
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
<b>20-41-1801</b>		<b>Battery boost terminals not required - batteries accessible</b>	<b>1</b>	<b>MTL</b>
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
<b>20-51-0700</b>		<b>Master Battery Disconnect included with chassis</b>	<b>1</b>	<b>MTL</b>
<b>20-51-2500</b>		<b>Back up alarm included with chassis</b>	<b>1</b>	<b>MTL</b>
20-51-3400		Protection valve installed for air operated accessories	1	MTL
<b>20-51-4000</b>		<b>Auto eject for air inlet - LS</b>	<b>1</b>	<b>MTL</b>
		<b>Located on left side pump panel</b>		

PART NO	S	DESCRIPTION	QTY	ID
20-51-6200	S	> <b>120 volt 20 A shore line connection</b> <b>ENG. NOTE:</b> Requires 20-51-75 120 volt auto eject or 20-51-80 120 volt inlet  Standard 5-20R duplex receptacle, not fused One for the battery conditioner to plug into (in cab) One mounted on the back side of the console One in the L1 compartment	3	MTL
20-51-6500		<b>Kussmaul Autocharge 1000 battery conditioner w/battery saver</b> Located under or behind rear seat(s)	1	MTL
20-51-7101	S	<b>Electric System Management - Diamond logic</b>	1	MTL
20-51-7500		<b>Super Auto eject for 120 v - 20 A with sealed enclosure</b> Located on left side pump panel	1	MTL
20-51-8500	S	<b>Engine compartment lighting LED to meet ULC</b> Activated with the park brake.	1	MTL
20-51-9001		Air horns not requested E	1	MTL
20-52-3500	S	> <b>Chassis steering wheel lined up by Metalfab E</b> <b>ENG. NOTE:</b> Freightliner, Sterling, and Spartan only  If steering wheel needs alignment, the finished truck, full of water will be sent to Richwil Truck Center.	1	MTL
20-60-0400		Chassis wheelbase does not change	1	MTL
		<b>PUMP AND PLUMBING</b>	1	MTL
30-11-5600		Hale QFLO Single stage 1050 IGPM	1	MTL
30-12-3300		Mechanical seal for Hale QFLO/QPAK pumps	1	MTL
30-15-0104		<b>Plumbing - Hale manifold pump SM SS E</b>	1	MTL
30-20-0500		Valves and controls - side mount panel	1	MTL
30-20-1001		Valve brand not specified E	1	MTL
30-20-1600		<b>Piping stainless steel - general</b>	1	MTL
30-20-1700	S	<b>1-1/2" thread specifications - NPSH</b> The thread is NPSH as confirmed at the Pre-construction meeting	1	MTL
30-20-1800	S	<b>2-1/2" thread specifications - BCT 3x8</b> The thread is BCT as confirmed at the Pre-construction meeting The Department did not supply sample male and female couplings.	1	MTL
30-20-2000		Piping hydrostatic test	1	MTL
30-21-5560		<b>Tank to Pump SS 3" w/ check valve manifold pump</b>	1	MTL
30-22-0520		<b>Tank Fill valve 2" SS</b>	1	MTL
30-31-4010	S	<b>Suction - 6" gated each side manifold pump</b>	1	MTL
30-31-7100		> <b>Hale master intake suction valve - handwheel control</b> <b>ENG. NOTE:</b> Not available for top mount panels Hale pumps only Note location in Shop Note  Left and right side 6" intakes will be gated.	2	MTL
30-32-7530		<b>Suction - 2-1/2" left side SS, bleeder, Hale manifold pump</b>	1	MTL
30-40-2020	S	<b>4" right discharge SS, bleeder, plumbed 3", Hale manifold pump</b>	1	MTL
30-41-2020		<b>2-1/2" RS discharge SS, bleeder, Hale manifold pump</b>	1	MTL
30-41-2520		<b>2-1/2" LS discharge SS, bleeder, Hale manifold pump</b>	2	MTL
30-43-1520		<b>2-1/2" rear discharge SS, plumbed 2-1/2", bleeder</b> One each side as shown on the proposal drawing	2	MTL
30-44-0520		<b>1-1/2" crosslay (each) SS, 2" valve, bleeder</b> Minimum capacity for 200' x 1-3/4" in fire hose and nozzle in each lay, The transverse hose bed is equipped with stainless steel rollers on each end for easier hose removal.	2	MTL

PART NO	S	DESCRIPTION	QTY	ID
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		<b>FRC InControl Governor/Throttle engine display with throttle knob</b>	1	MTL
30-51-7000		<b>Suction side relief V/V, manifold pump</b>	2	MTL
30-51-7716	U	<b>Trident Automatic Air Primer - 3 barrel, 3 location</b> Three locations are; Main pump Left side 6" MIV Right side 6" MIV SOPT #710	1	
30-51-8100		<b>Heat exchanger included with chassis</b>	1	MTL
30-52-1000		Master drain V/V, 12 port	1	MTL
30-52-2000		<b>Drain valve for foam system header</b>	1	MTL
30-52-5510	S	<b>Foam system-Hypro FoamPro 2001 Single Tank</b> Foam system is plumbed to both crosslay discharges (30-44-0520) and the rear discharge towards the left side of the body (30-43-1520).	1	MTL
30-52-9100		<b>Foam concentrate label at foam tank fill</b>	1	MTL
30-52-9200		<b>Foam System Instruction Plates</b>	1	MTL
30-52-9400		<b>NFPA Foam System certification test</b>	1	MTL
<b>WATER AND FOAM TANKS</b>				
40-11-2100	S	<b>Polypropylene water tank (Imperial gallons)</b>	1	MTL
40-11-2200		Water tank capacity certification (tank manufacturer)	1	MTL
40-11-6000	S	<b>Tank capacity 1300 Imperial Gallons</b> ***Maximum gallonage possible*** Final gallonage of tank is contingent on chassis weight - this will be determined by Engineering when the chassis arrives	1	MTL
40-12-4500	S	<b>Foam cell - 20 Imperial gallon</b>	1	MTL
40-21-0500		<b>3" tank to pump connection</b>	1	MTL
40-22-0500		<b>2" tank fill connection</b>	1	MTL
40-23-0500		<b>1" water level gauge connection</b>	1	MTL
40-23-1040		<b>4" direct fill connection</b>	1	MTL
40-23-1060		<b>10" Newton dump connection</b>	1	MTL
40-30-0500		<b>Sump drain valve (3" gate valve) with linkage E</b>	1	MTL
40-30-1000		<b>Water Fill Box front left corner</b> ***Depending on final tank size and hose bed depth the fill box may have to be relocated to the center left side of tank***	1	MTL
40-31-3500	S	<b>10" rear Newton dump, stainless steel</b>	1	MTL
40-31-3600		<b>Newton dump - stainless steel 36" telechute</b>	1	MTL
40-31-5500		<b>Electric operator for Newton dump</b> Located left side rear above the rear facing flashing light.	1	MTL
40-31-8000		<b>4" Storz rear gtd fill</b>	1	MTL
<b>ELECTRICAL</b>				
50-11-0300		<b>Base electrical system - multiplex E</b>	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 As required by ULC and NFPA standards	1	MTL
50-11-0900		<b>Rocker switch panel with master warning switch</b> ***Diamond Logic switches in the dash as supplied with the chassis. ***Rocker switch assignments: MASTER -LIGHT BAR RED -LIGHT BAR CLEAR -FLASHING WARNING -REAR FLOODS	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
<b>-DITCH LIGHTS</b>				
50-11-1400		Federal PA300 100 watt siren	1	MTL
50-11-1625		<i>Siren speaker,100 watt, behind chassis grille</i>	1	MTL
50-11-2600		<i>Siren to be accessible to driver and officer</i>	1	MTL
50-11-6100	S	<i>Whelen F4N0QLED LED light bar NFPA</i>	1	MTL
50-11-6501	S	<i>Rear Directional Light not requested</i>	1	MTL
50-11-8001	S	> <i>Rear beacons not requested</i>	1	MTL
		ENG. NOTE: Confirm that necessary lighting for ULC/NFPA is present		
50-12-8500	S	<i>Front LED flashers (pr)-Whelen red LED 400</i> In chassis grille	1	MTL
50-12-8600	S	<i>Rear LED flashers (pr)-Whelen red LED 400</i> Lower level	1	MTL
50-12-8620	S	<i>Rear LED flashers (pr)-Whelen red LED C9LR with integral flasher</i> Upper level	1	MTL
50-12-8700	S	<i>Front side inter lts (pr) - Whelen red LED 400</i> Side of cab fenders forward most	1	MTL
50-12-8800	S	<i>Body side inter lts (pr)-Whelen red LED 400</i> Rearward most in rear fenders	1	MTL
50-12-8820	S	<i>Body side inter lts (pr)-Whelen red LED C9LR with integral flasher</i> Upper level - front and rear upper corners, both sides	2	MTL
50-12-8901	S	> <i>Add'l body side inter lts (pr)-Whelan red LED 400 with integral flasher</i> ENG. NOTE: Required if distance between front and rear side intersection lights exceeds 25'  Forward most in rear fenders	1	MTL
50-21-1505	U	<i>Unity LED rear floods (pr)</i> Switched in cab These lights cannot be managed as they are required for ULC	1	
50-21-1610	U	<i>Parking (ditch) lights in rear fenders - LED with Stainless steel housings</i> Switched in cab and wired to activate when transmission is placed in reverse gear. These lights can be managed to shed	1	
50-21-25AA	U	<i>FRC telescoping SPECTRA LED 12V flood (ea)</i> Mounted on front of front end - one each side ***Both switched on pump operators panels - left side*** Hazard switch require, no scratch option required, and steady rest required These lights can be managed to shed	2	
50-21-5100		> <i>Compartment lighting - LED tube lights in each compartment (rollup doors)</i> ENG. NOTE: Rollup doors only  LED strip lighting in all compartments with roll up doors 4" LED grommet mounted light in right side compartment over rear wheels.	1	MTL
50-21-5500		<i>Door Ajar warning light</i> Use Diamond logic light in dash as supplied with the chassis Bilingual warning label in cab to read: "Do Not Move Apparatus when Light is on"	1	MTL
50-21-5550		<i>Equipment rack not stowed warning light</i> Use Diamond logic light in dash as supplied with the chassis Bilingual warning label in cab to read: "Do Not Move Apparatus when Light is on"	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
50-21-8001		<b>Step lights for body steps - 4" LED</b> Switched with park brake	1	MTL
50-21-8201	S	<b>Step lights for chassis steps - LED</b> Switched with park brake	1	MTL
50-21-8600		LED clearance lts and reflectors	1	MTL
50-21-8800		<b>LED intermediate turn signal/clearance/reflector length &gt;30'</b>	1	MTL
50-22-0700	S	<b>Whelen C6 LED tail/brake-turn-backup module (pr)</b>	1	MTL
50-31-6010	S	<b>Upper flasher light boxes (pr) - painted plate</b> Painted boxes will be installed on the upper front and rear corners of sides as shown on the proposal drawing	2	MTL
50-31-6560		<b>Ground lighting (LED Lumabar) - 4 door chassis</b> Switched with park brake	1	MTL
50-31-6570		<b>Ground lighting (LED Lumabar) - side mount body</b> Switched with park brake	1	MTL
50-31-65AA	U	<b>Hose bed lighting - LED strip lighting on front partition</b> Switched with park brake SOPT #958	1	
50-35-0500	S	<b>Installation of customer supplied mobile radio</b> The first radio will be a fire department supplied mobile radio which will be installed in the chassis cab, radio information sheet required to document location, frequencies, etc. The second will be a provision for a radio to be installed in the future. Radio information list to be obtained at the Pre-Construction meeting Radio #1 - Motorola PM400 that measures 6-1/2" wide x 1-3/4" thick that is installed in the truck that will be replaced. Radio #2 - Provincial TMR that will be delivered to the department later.	2	MTL
50-35-0560	S	<b>VHF antenna with base - commercial chassis</b> Customer to specify any special mounting location or spacing requirements, otherwise antennas will be installed on chassis roof behind lightbar and wired to the console area. The antennas will be for one (1) VHF and one (1) TMR	2	MTL
50-99-16AA	U	<b>Additional LED lighting to illuminate access ladder on rear</b> 2 x 12" LED Lumabars SOPT #1044	1	
<b>BODY</b>			1	MTL
60-10-1400		Single axle extruded aluminum body	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 <b>ENG. NOTE:</b> Maximum height of step is 24" from ground	1	MTL
60-10-5430		> Diamondback 19" rear step <b>ENG. NOTE:</b> Maximum height of rear step is 24" from ground	1	MTL
60-10-6000		Extruded rub rail	1	MTL
60-11-0300		> <b>Front left side compartments full height E</b> <b>ENG. NOTE:</b> Specify critical dimensions in shop note	1	MTL
60-11-0600		> <b>Front right side compartments intermediate height</b> <b>ENG. NOTE:</b> Specify critical dimensions in shop note	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
60-11-1000		> <b>Rear left side compartments full height E</b> ENG. NOTE: Specify critical dimensions in shop note	1	MTL
60-11-1300		> <b>Rear right side compartments intermediate height</b> ENG. NOTE: Specify critical dimensions in shop note	1	MTL
60-11-1900		> <b>Low side compartment (up to 18") each</b> ENG. NOTE: Specify critical dimensions in shop note Specify type of door Specify flip up or drop down Specify which side of body	1	MTL
60-11-2000		> <b>High side compartment (over 18") each</b> ENG. NOTE: Specify critical dimensions in shop note Specify type of door Specify flip up or drop down Specify which side of body	1	MTL
60-11-3200		> Full Height Rear compartment ENG. NOTE: Specify critical dimensions in shop note	1	MTL
60-11-4500		<b>Flush mount aluminum door - single with "D" handle</b> Drop down type door for right side compartment over rear wheels	1	MTL
60-11-5500		<b>Rollup door - standard height</b> Left side compartment over rear wheels Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point	1	MTL
60-11-5510		<b>Rollup door - intermediate height</b> Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point	2	MTL
60-11-5520		<b>Rollup door - full height</b> Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point	2	MTL
60-31-4100		Extruded aluminum handrails Minimum 2" clearance from handrail to any surface	1	MTL
60-31-5000		<b>Zico access Ladder at rear of unit</b> Minimum 7" clearance between rung and any obstruction	1	MTL
60-31-5500	S	<b>Steps at rear of body (folding) with LED lights - RS only</b> Maximum height between steps is 18"	1	MTL
60-31-5600		Steps and grab handles at front of body next to pump panel Maximum height between steps is 18"	1	MTL
60-31-6500	S	<b>Compartment matting - plastic interlocking tile</b>	1	MTL
60-31-8800	S	> <b>Sliding tray (ea) - 600 pound capacity</b> ENG. NOTE: Specify location	2	MTL
		***Hardware requires 3-1/2" of compartment height Reflective stripe is applied on the exposed edge for visibility when the compartment door is open Location of trays to be:		

PART NO	S	DESCRIPTION	QTY	ID
		Tray #1 - L1 compartment Tray #2 - R1 compartment		
60-31-9600	S	> <b>Adjustable shelf (ea)</b> <b>ENG. NOTE:</b> Specify location	4	MTL
		Reflective stripe is applied on the exposed edge for visibility when the compartment door is open. Location of shelves: Shelf #1 - L1 compartment - Shallow Depth Shelf #2 - L1 compartment - Shallow Depth Shelf #3 - L2 compartment Shelf #4 - L3 compartment - Shallow Depth		
60-32-3550		<b>Two adjustable hose divider (each)</b> Hand hold required in end	1	MTL
60-32-7500		Hose bed - aluminum	1	MTL
60-33-0000		<b>Paint exterior - Imron Elite</b> *** Paint code and colour red to match cab	1	MTL
60-33-0200		Undercoat vehicle with KROWN rust protection	1	MTL
60-33-0600		<b>Chassis wheels not painted</b>	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		<b>Lettering - 80 letters up to 3" tall - 3 colour</b> *** Vinyl letters, Fire Department to provide details on location and text.	1	MTL
60-33-3000		<b>Reflective stripe - 4" white</b> 50% of perimeter each side and 25% of perimeter front	1	MTL
60-33-3310		<b>Reflective stripe - red and yellow chevron at rear</b> Minimum 50% of rear vertical surface	1	MTL
60-33-3500		<b>Tarp over hose bed - black</b> A black mesh hose bed restraint will be installed on the rear 1/3 of the hose bed.	1	MTL
60-33-4600	S	<b>Aluminum cover over crosslays - with end tarps (black)</b> End tarp material to be mesh	1	MTL
60-40-5500		<b>Suction hose tube (each) with door</b> To house the two 6" x 10' suction hoses 80-11-5000 Door ajar switch required	2	MTL
60-41-1015		<b>Pike Pole tube in suction hose tube</b> To house the 10' pike pole 80-13-2500 and the 6' pike pole 80-13-2510	2	MTL
60-41-9000		> <b>Zico electric Ladder Access system</b> <b>ENG. NOTE:</b> Specify mounting location desired. If ladder(s) are customer supplied, specify overall length and width, width between side rails, rung spacing; also specify ladder brand and model  Right side to store the 24' ladder 80-14-0500, the 14' ladder 80-14-5500. The attic ladder brackets 80-14-9000 will be bolted to the LAS to store the 10' attic ladder 80-14-8500. To be wired so only operable when park brake is engaged and the drop down door over right side rear wheels is closed. Flashing lights and reflective tape required at front and rear to indicate any areas that protrude beyond the body.	1	MTL
60-41-9010		<b>ZICO LAS switched at rear above tail light E</b> Switch is located on same side as electric rack - right side	1	MTL



PART NO	S	DESCRIPTION	QTY	ID
<b>60-41-9100</b>		<b>Manual locking system for LAS</b> Install information label at switch location to instruct operator to release locks prior to lowering the ladder.	1	MTL
<b>60-91-0500</b>	<b>S</b>	<b>&gt; Compartment SCBA Storage rack</b> <b>ENG. NOTE:</b> Specify location and number of cylinders to be stored  There will be as many bottles as possible in the bottom of the L3 and R3 compartments. The bottles are for MSA G1 SCBA 4500 PSI that measure 6" in diameter and are 24" long.	1	MTL
<b>INSTRUMENTATION</b>				
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
70-11-3200		Colour coded tags	1	MTL
70-11-4100		Stainless steel side panel hood left side	1	MTL
<b>70-11-4500</b>		<b>Diamondback grip type panel hood step right side</b>	1	MTL
<b>70-11-5100</b>		<b>Open storage at rear top of pump house</b>	1	MTL
70-11-5500		Right side tread plate pump access door <b>No opening dimension less than 18"</b>	1	MTL
70-11-7500		Heat pan-aluminum	1	MTL
<b>70-11-8000</b>		<b>Heater in pump compartment</b> Switch located on pump operators panel left side	1	MTL
<b>70-20-2100</b>	<b>U</b>	<b>2-1/2" pressure gauge - dual face 0-400</b>	8	
<b>70-20-3300</b>		<b>FRC InControl Governor Control</b> Throttle can be no lower than 42" and no higher than 72" from operator's standing position.	1	MTL
<b>70-20-3510</b>		<b>Electric water level gauge on pump panel and at rear, Class One</b>	1	MTL
70-20-6500		Test gauge panel	1	MTL
<b>70-20-7500</b>		<b>Heat exchanger control valve</b>	1	MTL
<b>70-21-1600</b>	<b>S</b>	<b>Electric Foam Level gauge not requested</b>	1	MTL
<b>70-21-5500</b>		<b>Panel readout for Battery Conditioner</b> Located on left side pump panel adjacent to the Auto eject	1	MTL
<b>ACCESSORIES</b>				
<b>80-11-5000</b>		<b>6" x 10' lightweight suction hose (ea)</b> Tube mounted	2	MTL
<b>80-12-2500</b>		<b>6" barrel strainer</b> Shipped loose, not mounted. Customer will mount.	1	MTL
<b>80-13-0500</b>		<b>Rubber mallet</b> Shipped loose, not mounted. Customer will mount.	1	MTL
<b>80-13-1500</b>		<b>Bar with bracket</b> Mounted in standard location on back of body above rear step unless otherwise specified.	1	MTL
<b>80-13-2500</b>		<b>Pike pole, fiberglass handle - 10' long</b> Tube mounted	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
80-13-2510		<i>Pike pole, fiberglass handle - 6' long</i> Tube mounted	1	MTL
80-13-4000		<i>Axe, pick head, fiberglass handle and bracket</i> Mounting location to be determined at the Pre-construction meeting	1	MTL
80-13-4500		<i>Axe, flat head, fiberglass handle and bracket</i> Mounting location to be determined at the Pre-construction meeting	1	MTL
80-14-0500		<i>24' 2 section extension ladder PEL 24</i> Mounted on LAS	1	MTL
80-14-5500		<i>14' aluminum roof ladder PRL-14</i> Mounted on LAS	1	MTL
80-14-8500		<i>10' aluminum folding attic ladder FL-10</i> Mounted on LAS	1	MTL
80-14-9000		<i>Attic ladder bracket (Zico)</i> Mounted on LAS	1	MTL
80-18-0600	S	<i>SCBA brkt w/strap - ZICO ULLH - crew cab mount</i> Mounted in cab SCBA ready seat backs. The SCBA are MSA G1 with 4500 PSI bottles that measure 24" long x 6" diameter.	4	MTL