



Shop Order

Service New Brunswick (ELG)
 300 Saint Mary's Street
 Fredericton, NB E3A 2S4

Pumper-Tanker for the Campobello Fire Dept

Exp. Date: 03/29/2020
Quote No: JCANB-0014
Job/Order No: 21758
BODY: 00-10-15 Metalfab Pumper - ULC 05/13

03/28/2022

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PART NO	S	DESCRIPTION	QTY	ID
		== Metalfab Pumper - ULC 05/13 - 0.000 ==	1	MTL
	S	Change Order C	1	MTL
00-05-0010		Dealer - Metalfab	1	MTL
00-10-1500		Metalfab Pumper	1	MTL
00-20-1000		Company Profile	1	MTL
00-20-1501	S	One year base warranty	1	MTL
		If the vehicle requires repairs at the manufacturer's facility or their authorized Repair Facility, all costs including transportation costs to an from that facility, shall be the responsibility of the Manufacturer (for the warranty period).		
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
00-20-2100	S	Plant Inspection Visits	1	MTL
		5 visits for 3 persons		
		Days and times to be determined		
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		
10-11-0000		Intent E	1	MTL
10-11-0110		Vehicle data recorder included with chassis	1	MTL
10-11-1101		ULC S515-13 and NFPA 1901-2016 Compliance E	1	MTL
10-11-1500		> ULC Testing - Pumper - Imperial units of measure	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		Maximum height not specified E	1	MTL
10-11-2400		Overall length is 30' or more	1	MTL
10-11-2500		General Construction	1	MTL
10-11-3000	S	Manuals - Three (3) copies - two (2) hard copies and one (1) digital	1	MTL
		Two (2) copies and one (1) electronic copy of complete operation and service manuals will be provided covering the completed apparatus (body and equipment) as delivered and accepted, including the pump, wiring diagrams, lubrication charts, and fire fighting equipment delivered with the apparatus. Chassis manuals are those supplied by the chassis manufacturer. Body manuals are to include a parts list and a recommended service and maintenance schedule. Body manuals shall also contain the following drawings:		
		• All electrical drawings;		
		• Accessory mounting;		
		• All drawings shall be ledger size - 11" x 17".		
10-11-3600	S	> Delivery - FOB Fire Department - 8 hours of training	1	MTL
		ENG. NOTE:		
		Note in the shop note if more than 4 hours of training is required		

PART NO	S	DESCRIPTION	QTY	ID
		Roland Caissie requests that a video copy of the orientation be included for department use in the future (10-11-36AA). As requested at the pre-construction meeting of 11.23.2020		
10-11-36AA	U	Orientation video Roland Caissie requests that a video copy of the orientation be included for department use in the future. As requested at the pre-construction meeting of 11.23.2020	1	
10-11-4300	S	Payment Terms - Chassis and Body NET 30	1	MTL
10-20-1000		Hose bed capacity - standard ULC Pumper 600 lbs of hose	1	MTL
10-20-2000		Equipment carrying capacity - standard ULC Pumper 2000 lbs of loose equipment	1	MTL
20-11-1000	S	Chassis supplied by Metalfab - M2 112 two door tandem Freightliner M2 112, 2-door cab, tandem rear axle 68,000 lb GVWR 16,000lbs front axle 52,000 lbs rear axle with Tuftrac suspension 242" wheel base, 176.13" Cab to axle Cummins L9 450 hp @ 2100 rpm 2200 governed rpm 1250 lb/ft torque at 1400 rpm Jacobs C-Brake (code 128-1AN activates stop lamps included) Allison 3000 EVS automatic transmission, 5 speed, no PTO openings Driveline to be 1710 or 1760 - determine after chassis is ordered based on availability 60 MPH top road speed 275 Amp alternator 189 litre fuel tank - LH under cab Cruise control switches located on dash Fixed steering column ESC, VDR and seat belt display Color is L5994EY Harvester Red Elite	1	MTL
20-11-1500		2013 Emission chassis modifications	1	MTL
20-11-1700	S	Chassis Motor Vehicle Inspection required - NB Chassis is provided with a New Brunswick Motor Vehicle Inspection dated the month of delivery.	1	MTL
20-21-0500		Fluid capacity plate	1	MTL
20-21-0600		Pumping test plate	1	MTL
20-21-1000		Maximum riders sign - 2 persons	1	MTL
20-21-1500		Seat belt warning labels - 2 door chassis	1	MTL
20-21-1520		Helmet warning label - do not wear helmet	1	MTL
20-21-1570		LED Tire Pressure Indicators - Tandem Axle LED tire pressure indicators to be installed prior to delivery	1	MTL
20-21-1600		Apparatus Information Label 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"	1	MTL
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
20-31-0500		Alum tread fuel tank trim, Conv - 2 door Vertical trim only, OEM cab steps remain	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
20-31-1900	S	Chassis cab painted single color by chassis OEM	1	MTL
20-31-7500	S	Console in cab	1	MTL
		Install switch panel (50-11-0900), siren (50-11-1470), radio provisions (50-35-0510) with Jotto desk plates, traffic bar controller (50-11-7600), pump shift (30-51-0500), On-Spot chain switch (20-41-5500) and provisions for wireless control for Visibeam (50-21-3015) in console.		
		Storage area with hinged cover and lift and turn latch provided at rear of console.		
		Gray zolatone finish		
20-41-0600	S	Intake air shutoff for engine not requested	1	MTL
20-41-0900		Auxiliary braking system disabled when pumping	1	MTL
20-41-1100		Transmission programming - Allison WT	1	MTL
20-41-1500	S	Extend exhaust pipe - RS front of rear wheels	1	MTL
		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.		
		Department confirmed that a ventilation system is not applicable so no special provisions required. As discussed at the pre-construction meeting of 11.23.2020		
20-41-1900		Battery boost terminals with chassis E	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
20-41-5100		Rear Tow Hook - pintle hook E	1	MTL
20-41-5500		ON SPOT Automatic traction chains	1	MTL
		Install for front tandem axle unless otherwise specified		
		Supplied switch located on chassis dash if ordered with chassis or available on console 20-31-7500 if supplied by Metalfab		
20-51-0710		Master Battery Disconnect included with Freightliner 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
20-51-3500		Air outlet	1	MTL
		A female air outlet fitting will be installed to allow use of chassis air. The air line is plumbed through the air system protection valve to prevent loss of braking air pressure.		
		Located on left side pump panel.		
20-51-4000	S	Auto eject for air inlet - LS on pump panel	1	MTL
		Located on left side pump panel as discussed at the pre-construction meeting of 11.23.2020		
20-51-5600	S	Flashing headlights w/ daytime running lights with chassis	1	MTL
20-51-6200		> 120 volt 20 A shore line connection in chassis cab	1	MTL
		ENG. NOTE: Requires 20-51-75 120 volt auto eject or 20-51-80 120 volt inlet		
		Standard 5-20R duplex receptacle in chassis cab, not fused		
		On back wall of chassis for battery conditioner to plug into, minimum 12" from floor level		
20-51-6502	U	Kussmaul Battery Conditioner 1200 with Auto Eject and readout	1	
		Battery conditioner mounted behind console/drivers seat.		
		Auto Eject and readout located on left side pump panel as discussed at the pre-construction meeting of 11.23.2020		
		Receptacle to be minimum 24" from ground.		
20-51-7101	S	Electric System Management - VMUX	1	MTL
20-51-8505		Engine compartment light included with chassis E	1	MTL
20-51-9001	S	Air horns on chassis hood with dual lanyards included with chassis	1	MTL
20-52-3500		> Chassis steering wheel lined up by Metalfab E	1	MTL
		ENG. NOTE: Freightliner, Sterling, and Spartan only		

PART NO	S	DESCRIPTION	QTY	ID
20-52-4009	U	Pro Vision Video Systems - Front, right, left and rear view camera system - DVR Monitor to be mounted on dash inside cab on a rigid bracket Cameras mounted similar to Bath, NB M18-20025 Metalfab p/n 1530928 (ref PO #64470) SOPT #1247 - truck specific	1	
20-60-0400		Chassis wheelbase does not change	1	MTL
		PUMP AND PLUMBING	1	MTL
30-11-3000		Hale MG midship pump - 625 IGPM	1	MTL
30-15-0304		Plumbing - non manifold pump SM SS E	1	MTL
30-20-0500		Valves and controls - side mount panel	1	MTL
30-20-1002		Akron valves specified	1	MTL
30-20-1620		Piping stainless steel - non manifold Pumper	1	MTL
30-20-1700	S	1-1/2" thread specifications - NPSH Department confirmed NPSH is the preferred thread to match M09-12800 - as discussed at the pre-construction meeting of 11.23.2020	1	MTL
30-20-1800	S	2-1/2" thread specifications - BAT Department confirmed BAT is the preferred thread Department to supply sample male and female thread for testing purposes: See photo of stamped thread in F:/Data/Jacques/Current Projects/Campobello/Pictures As discussed at the pre-construction meeting of 11.23.2020	1	MTL
30-20-18AA	U	Red Head Storz adapters to Customer's threads Adapters shall be supplied for all 2½" discharges and 2½" suction inlets including the SSRV discharge to adapt Red Head Storz fitting to fit Fire Department hoses complete with matching caps. (ref SOPT #46 - truck specific) 2-1/2" adapter for gated wye 80-16-1500 also required. Department shall supply a sample male and female threaded coupling of their existing hoses. Date shipped to Metalfab: _____	1	
30-20-2000		Piping hydrostatic test	1	MTL
30-20-2510		Anodes in suction and discharge piping - non manifold pump 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
30-21-5520		Tank to Pump SS 3" w/ check valve non manifold pump 4" piping and check valve	1	MTL
30-22-1520		Tank Fill valve 2-1/2" SS	1	MTL
30-31-3010		Suction - 4-1/2" not gated each side SS non manifold pump 6" header	1	MTL
30-32-7550		Suction - 2-1/2" left side SS, bleeder, non manifold pump	1	MTL
30-41-2040		2-1/2" RS discharge SS, bleeder, non manifold pump	1	MTL
30-41-2540		2-1/2" LS discharge SS, bleeder, non manifold pump	1	MTL
30-43-1520		2-1/2" rear discharge SS, plumbed 2-1/2", bleeder *** One (1) each Side	2	MTL
30-44-0520		1-1/2" crosslay (each) SS, 2" valve, bleeder Minimum capacity for 200' x 1-3/4" hose and nozzle in each hose lay. Equipped with stainless steel rollers on each end for easier hose removal. Bleeder valve provided on pump panel for each hose lay.	2	MTL
30-51-0500		Pump shift-Midship air ***Includes "Pump Engaged" and "OK to Pump" indicator lights in cab ***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
30-51-66AA	U	FRC Total Control TCA100 The Governor will be an FRC Total Control TCA100 as approved by Roland Caissie by e-mail on 09.01.2021	1	

PART NO	S	DESCRIPTION	QTY	ID
30-51-7002		<i>Suction side relief V/V, non manifold pump</i>	1	MTL
30-51-7710		<i>Trident Air Primer 2 barrel 1 location</i>	1	MTL
30-51-7720	S	<i>Additional air tank for air primer system - with chassis</i>	1	MTL
		An additional air tank is provided to improve air primer capacity and is included with the chassis (1350 cu. in.)		
30-51-8100		<i>Heat exchanger included with chassis</i>	1	MTL
30-52-1000		Master drain V/V, 12 port	1	MTL
		WATER AND FOAM TANKS	1	MTL
40-11-2100		Polypropylene water tank (Imperial gallons)	1	MTL
40-11-2200		Water tank capacity certification (tank manufacturer)	1	MTL
40-11-7601	S	<i>Tank capacity - 3000 Imperial Gallons</i>	1	MTL
40-21-1000		<i>4" tank to pump connection</i>	1	MTL
40-22-1000	S	<i>2.5" tank fill connection</i>	1	MTL
40-23-0500	S	<i>3/4" water level gauge connection</i>	1	MTL
40-23-1050		<i>4" Fireman's Friend connection</i>	1	MTL
40-23-1060		<i>10" Newton dump connection</i>	1	MTL
40-30-0500		<i>Sump drain valve (3" gate valve) with linkage E</i>	1	MTL
40-30-1100		<i>Water Fill Box middle left side</i>	1	MTL
40-31-3500		<i>10" rear Newton dump, stainless steel</i>	1	MTL
40-31-3600		<i>Newton dump - stainless steel 36" telechute</i>	1	MTL
40-31-5500		<i>Electric operator for Newton dump, top mount</i>	1	MTL
		Switch located on back of body over left side tail light module		
40-31-5610		> <i>Rotating dump chute for Newton dump SS</i>	1	MTL
		ENG. NOTE: Requires top mount control on dump valve		
40-31-5800		<i>Support for rotating dump chute if necessary</i>	1	MTL
		Engineering to determine if this support is required		
40-31-9000	S	<i>4" Storz rear fill plumbing</i>	1	MTL
40-31-9010	U	<i>4" Storz rear fill, Fireman's Friend, bleeder</i>	1	
		Located right of Newton dump - spaced outward so when a hose is attached it will clear the rotating chute.		
		ELECTRICAL	1	MTL
50-11-0300		<i>Base electrical system - multiplex E</i>	1	MTL
50-11-0600		<i>Warning Light Certification</i>	1	MTL
50-11-0700		<i>Low Voltage Electrical system test</i>	1	MTL
50-11-0800		<i>Low Voltage Electrical System Documents</i>	1	MTL
		As required by ULC and NFPA standards		
50-11-0900		<i>Rocker switch panel with master warning switch</i>	1	MTL
		***Rocker switch assignments: MASTER -LIGHT BAR RED -REAR BEACONS -FLASHING WARNING -REAR FLOODS		
50-11-1470	U	<i>Whelen 200 Watt Siren - Model 295SLSC1</i>	1	
		Located in cab console 20-31-7500 P/N 1570997 SOPT #954a		
50-11-1630		> <i>Siren speaker, 200 watt, in front bumper</i>	1	MTL
		ENG. NOTE: 1570615 Federal BP200-EF Left side (drivers side).		
50-11-2600		<i>Siren to be accessible to driver and officer</i>	1	MTL
50-11-5810	S	> <i>Federal emergency light package</i>	1	MTL
		ENG. NOTE: Adds 6.5" to overall height (measuring from roof of chassis)		

PART NO	S	DESCRIPTION	QTY	ID
50-11-5812	U	Federal LPX53DS-NFPA lightbar Red only - all lights are enabled in both Response and Scene modes - flash pattern to change when park brake is set. SOPT #798 (reference only) Metalfab part # 1571015	1	
50-11-7600		Rear LED Signal Master warning lights Federal Latitude Signal Master - Model SL8S-A-50 Includes 50' cable and Economy controller Signal Master lightbar is located under the intermediate step on rear (60-31-5800).	1	MTL
50-11-9015	U	Rear Beacons, Federal NVG10 (pr), both red SOPT #1063 - truck specific	1	
50-12-5018	U	Rear LED flashers (pr) - red Federal QL43-RR	1	
50-12-5080	U	Front LED flashers (pr) - red Federal QL43-RR	1	
50-12-5218	U	Front side inter lts (pr) - red LED Federal QL43-RR	1	
50-12-5318	U	Body side inter lts (pr) - red LED Federal QL43-RR	1	
50-12-5418	U	Additional body side inter lts (pr) - red LED Federal QL43-RR	1	
50-21-1505	U	Unity LED rear floods (pr) Switched in cab and when transmission is placed in reverse. These lights cannot be managed to shed as they are required for ULC.	1	
50-21-2547	U	FRC telescoping SPECTRA LED 12V flood (ea) SPA530-Q15-SW-NS-SR Located at front of pump house - one each side. ***Switched on operator's panel (One switch for each light). Hazard switch (SW) to be wired to the equipment not stowed warning light in cab 50-21-5550. These lights can be managed to shed.	2	
50-21-3015	U	Federal Signal Wireless Visibeam - mounted on cab hood - right side P/N 1031564 The rear portion of the light shall be shielded to avoid potential of light shining in driver's eyes. Shield is to be painted to match cab. The wireless control will be located on the 20-31-7500 console with a clip.	1	
50-21-5110		Compartment lighting - LED tube lights in each compartment (flush doors) E	1	MTL
50-21-5500		Door Ajar warning light Located in overhead console over drivers seating position Bilingual warning label in cab to read: "Do Not Move Apparatus when Light is on"	1	MTL
50-21-5550		Equipment rack not stowed warning light Located in overhead console over drivers seating position Bilingual warning label in cab to read: "Do Not Move Apparatus when Light is on" This warning light will be actuated when one or more of the following are not in the stowed position. PTS LS Telescopic light RS Telescopic light	1	MTL
50-21-8001		Step lights for body steps - 4" LED Switched with park brake	1	MTL
50-21-8200	U	12" Lumabar for chassis steps - 2-door Activated with park brake SOPT 194a	1	
50-21-83AA	U	LED lighting for rear step/platform For surfaces 60-31-5800 and 60-10-5430. Switched with the park brake	1	

PART NO	S	DESCRIPTION	QTY	ID
50-21-8600		LED clearance lts and reflectors	1	MTL
50-21-8800		LED intermediate turn signal/clearance/reflector length >30'	1	MTL
50-22-0700	S	Whelen 64 LED tail/brake-turn-backup module (pr)	1	MTL
50-31-6550		Ground lighting (LED Lumabar) - 2 door chassis	1	MTL
50-31-6570		Ground lighting (LED Lumabar) - side mount body Switched with park brake	1	MTL
50-31-65AA	U	Hose bed lighting - LED on front partition Switched with park brake.	1	
50-35-0510	U	Provision for customer supplied mobile radio installation 12 volt power through the master disconnect will be supplied and coiled under the console clearly tagged or labelled. Cutout(s) will be provided for customer's radios in the 20-31-7500 console and covered with Jotto desk plates.	2	
50-35-0560		VHF antenna with base - commercial chassis Cable will run to the console area and labeled Customer will cut the antenna to length	1	MTL
50-35-0590		Cellular/TMR antenna with base - commercial chassis Cable will run to the console area and labeled Customer will cut the antenna to length	1	MTL
		BODY		
60-10-1600		Tandem 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 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
60-11-0105	U	Front left side compartment to top of wheel well Department specified that sizes listed on FT-11313 are acceptable. As confirmed by e-mail by Chief Tim Martin on 11.30.2020	1	
60-11-0505	U	Front right side compartment to top of wheel well Department specified that sizes listed on FT-11313 are acceptable. As confirmed by e-mail by Chief Tim Martin on 11.30.2020	1	
60-11-0805	U	Rear left side compartment to top of wheel well Department specified that sizes listed on FT-11313 are acceptable. As confirmed by e-mail by Chief Tim Martin on 11.30.2020	1	
60-11-1105	U	Rear right side compartment to top of wheel well Department specified that sizes listed on FT-11313 are acceptable. As confirmed by e-mail by Chief Tim Martin on 11.30.2020	1	
60-11-3100		No rear compartment E	1	MTL
60-11-4500	S	Flush mount aluminum door - single with "D" handle Single doors for the left and right back side compartment door openings	2	MTL
60-11-4510	S	Flush mount aluminum door - double with "D" handle Double doors for the right front side compartment door opening	1	MTL
60-11-4520	U	Flush mount aluminum door - double with "D" handle Double doors for the left front side compartment door opening	1	
60-31-4100		Extruded aluminum handrails Minimum 2" clearance from handrail to any surface	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
60-31-5500	S	Steps at rear of body (folding) - w/integral LED light Maximum height between steps is 18" Will be activated with the park brake	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
60-31-5800	S	Full width intermediate step on rear under hose bed Maximum distance from hose bed level to top of step/platform is 18" LED lights above the step will be required and activated with the park brake Delineation markings required for NFPA 1901	1	MTL
60-31-6500	S	Compartment matting - black plastic interlocking tile	1	MTL
60-31-8006	U	BA bottle compt (ea)-fender well Located between tandem axles as shown on the proposal drawing. Retaining loops included. Door ajar switch required on left side for porta tank rack interlock. Customer to specify make and model of cylinder to be stored Make - Draegger Model - 2216 Diameter of cylinder - 6.8" Overall length of cylinder - 25" Photo of valve/cap (to ensure retaining loop will fit) See F:/Data/Jacques/Current Projects/Campobello/Pictures As confirmed by Chief Tim Martin by e-mail on 12.02.2020	4	
60-31-8400		Fixed vertical partition For SCBA brackets 80-18-0500 on slide out tray in right side rear compartment.	1	MTL
60-31-8700	S	> Sliding tray (ea) - 500 pound capacity with gas strut and latch ENG. NOTE: Specify location White reflective stripe is applied on the exposed edge for visibility when the compartment door is open Gas strut and latch required due to the size of the front compartment trays All slide outs are mounted at floor level in the following compartments; 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 White reflective stripe is applied on the exposed edge for visibility when the compartment door is open Locations are as follows Shelf #1 - Left side front compartment Shelf #2 - Left side rear compartment	2	MTL
60-32-3550		Two adjustable hose divider (each) Hand hold required in end The dividers will be 10' long and attach to the front partition. There will room behind the front partition and the front of the body.	1	MTL
60-32-7500		Hose bed - aluminum There will be a partition at the front of the body for the adjustable dividers to attach to.	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	S	Chassis wheels not painted - polished aluminum wheels	1	MTL
60-33-1000		Paint pump and plumbing job colour	1	MTL
60-33-1600		Special paint compartment interior - gray zolatone E	1	MTL
60-33-2200	S	Lettering - 80 letters up to 3" tall - 3 colour *** Vinyl letters, Fire Department to provide details on location and text. Lettering to match M09-12800 as discussed at the pre-construction meeting of 11.23.2020 Lettering to be Door decal on chassis doors and "911" in white reflective material on the rear side compartment doors as shown on approval print. The lettering was approved by the fire department by e-mail on 10.20.2021	1	MTL
60-33-3000		Reflective stripe - 4" white 50% of perimeter each side and 25% of perimeter front. 3M Scotchlite material	1	MTL
60-33-3310		Reflective stripe - red and yellow chevron at rear 50% minimum of rear vertical surface Printed 3M Scotchlite material	1	MTL
60-33-3310		Reflective stripe - red and yellow chevron at rear 50% of perimeter each side and rear, 25% of perimeter front	1	MTL
60-33-3500		Tarp over hose bed - black	1	MTL
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)	1	MTL
60-40-5500		Suction hose tube (each) with door Rear access, tubes located under tee of tank. For storage of the 4-1/2" x 10' suction hoses 80-11-3000. Door ajar switch required. SS trim around opening.	2	MTL
60-41-1000		Pike Pole tube with door Right side For storage of the 10' pike pole 80-13-2500 and the 6' pike pole 80-13-2510 SS trim around opening There will be a tag on each tube door to identify the length of the pike pole stored	2	MTL
60-41-6001		> Zico hydraulic portable tank rack ENG. NOTE: Specify mounting location desired. If Portable tank is customer supplied, specify overall dimensions when the tank is in stored position Located on left side to house the 3000 Imp gallon portable tank 80-15-1010. To be wired so only operable when park brake is engaged, the left side SCBA tubes are closed and the left side compartment doors are closed. Flashing lights and reflective tape required at front and rear to indicate any areas that protrude beyond the body.	1	MTL
60-41-6010		ZICO PTS switched at rear above tail light Switch is located on same side as electric rack - left side	1	MTL
60-41-6110	S	Painted plate on exterior of Zico PTS	1	MTL
60-41-7090		No tread plate on body behind porta tank rack	1	MTL
60-41-8500		Ladder rack side - 2 sect and roof Located on right side to house the 24' 2 section extension ladder 80-14-0500 and the 14' roof ladder 80-14-5500	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	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
		position		
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
70-11-4500		Diamondback grip type panel hood step right side Delineation markings required to meet NFPA 1901	1	MTL
70-11-5000		Standard cover over rear top of pump house - no storage	1	MTL
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 Switch located on left side pump operators panel	1	MTL
70-20-2130	U	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.	6	
70-20-2500	S	Trident Primer control	1	MTL
70-20-31AA	U	FRC Total Control TCA100 The Governor will be an FRC Total Control TCA100 as approved by Roland Caissie by e-mail on 09.01.2021	1	
70-20-3500		Electric water level gauge on pump panel, Class One	1	MTL
70-20-3610	S	Remote PSTANK2 water level indicators each side, rear with driver Interlock with park brake so powered only when the park brake is set.	1	MTL
70-20-6500		Test gauge panel	1	MTL
70-20-7500		Heat exchanger control valve	1	MTL
		ACCESSORIES		
80-11-3000		4-1/2" x 10' lightweight suction hose (ea) Tube mounted	2	MTL
80-12-1500		4-1/2" barrel strainer Stored on the mount as per 80-12-2510	1	MTL
80-12-25AA	U	Supply and install mount for 4.5" barrel strainer Kochek SOPT #51 Customer requested that it will be shipped loose with mounting fasteners - as per e-mail from Chief Tim Martin on 11.30.2020	1	
80-13-0500		Rubber mallet Stored with the mount as per 80-13-0510	1	MTL
80-13-0510	U	PAC Toolok 1003 for mounting rubber mallet P/N 1562258 - SOPT #319 Customer specified mounting location to be on the side wall of the compartment. As advised by Chief Tim Martin by e-mail on 11.30.2020	1	L1
80-13-1200		Clare hose wrenches (double) with holder Located where easily accessible and where room permits - one on the LS pump operators panel, One on the RS pump panel and one on the rear of the body.	3	MTL
80-13-1500		Bar with bracket Located in the standard location - horizontally over the rear step on back of body.	1	MTL
80-13-2500		Pike pole, fibreglass handle - 10' long 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	S	<i>Axe, pick head, fiberglass handle and bracket</i> Customer specified mounting location to be on the back of the body on either side of the dump valve. As advised by Chief Tim Martin by e-mail on 11.30.2020	2	MTL
80-14-0500		<i>24' 2 section extension ladder PEL 24</i> Mounted on the right side ladder rack.	1	MTL
80-14-5500		<i>14' aluminum roof ladder PRL-14</i> Mounted on the right side ladder rack.	1	MTL
80-14-7500		<i>Padded ladder boot - 2 section and roof ladder</i> Shipped loose.	1	MTL
80-14-8500		<i>10' aluminum folding attic ladder FL-10</i> Mounted in bracket as per 80-14-9000	1	MTL
80-14-9000		<i>Attic ladder bracket (Zico)</i> Located on right side fender top.	1	MTL
80-14-9100	U	<i>Air chuck with 25' of 3/8" air hose</i> Shipped loose. Fittings to be compatible with air outlet 20-51-3500	1	
80-15-1010		<i>3000 l gallon portable tank - Husky</i> Stored on PTS left side Dual drains Color of liner will be yellow	1	MTL
80-16-1500		<i>Akron 2581 gated wye</i> Shipped loose. Adapters to 2-1/2" Storz and 1.5" Storz shall be included	1	MTL
80-17-0500	S	<i>20# dry chemical fire extinguisher and mount</i> Customer specified mounting location to be the front corner of the tray in the R1 compartment. As advised by Chief Tim Martin by e-mail on 11.30.2020	1	MTL
80-17-1000	S	<i>15# CO2 fire extinguisher and mount</i> Customer specified mounting location to be the back corner of the tray in the R1 compartment (behind the ABC extinguisher 80-17-0500). As advised by Chief Tim Martin by e-mail on 11.30.2020	1	MTL
80-18-0500	S	<i>SCBA bracket with strap - compt mount</i> Mounted on the vertical partition on the pull out tray in the right side rear compartment Department to supply dimension of the SCBA: Make: Draegger Model: 2216 Overall height: 27" Overall width: 16" Overall depth: 12" Diameter of bottle: 6.8" As advised by Chief Tim Martin by e-mail on 12.02.2020	2	MTL
80-19-0500		<i>Large folding wheel chock - aluminum (ea) not mounted</i>	2	MTL
80-19-0600	>	<i>Horizontal bracket for folding wheel chock (ea)</i> ENG. NOTE: Specify location, otherwise ship loose Installed under the left side front compartment just ahead of rear wheels (standard location)	2	MTL
80-99-60AA	U	<i>Ground ladder tests to meet NFPA 1932 (2015 Edition)</i> All ladders shall be manufactured in current year and shall, prior to delivery, be tested	1	

