



Shop Order

Fredericton Regional Centre
 Suite 2300
 300 St.Mary's Street
 Fredericton, NB E3A 2S4

North York Fire Department

Sales Rep: Gordon Green Metalfab Ltd	Terms: Chassis, body and equipment - Net 30 days
Drawing #: FT-11540	
Est. Delivery Date: / /	
Customer PO #: P100201122	Penalty:
Customer #: 1585	None
QPF #:	

Exp. Date: 02/19/2022
Quote No: G-PNB Side Mount-0021
Job/Order No: 22513
BODY: 00-10-15 Metalfab Pumper - ULC 05/13

12/11/2024

PART NO	QTY	DESCRIPTION
== Metalfab Pumper - ULC 05/13 - 0.000 ==		
Change Order K		
00-05-0010	1	Dealer - Metalfab
00-10-1500	1	Metalfab Pumper
00-20-1000	1	Company Profile
00-20-1501	1	One year base warranty
If the vehicle requires repairs at the Manufacturers facility or their Authorized Repair Facility, all costs including transportation costs to and from their facility shall be the responsibility of the Manufacturer (for the Warranty Period).		
00-20-1550	1	Metalfab Limited Ten (10) Year Paint and Corrosion Warranty
00-20-1700	1	Hale Pump Warranty - 5 years
00-20-1800	1	Polypropylene Tank Lifetime Warranty
00-20-2000	1	Plant Visits - unlimited at customer expense
00-20-3500	1	Certification for Fusion Welding of Steel and Aluminum
00-20-4000	1	Quality System registered to ISO 9001:2015
00-20-4500	1	Fire Apparatus Manufacturers' Association Membership
GENERAL INFORMATION		
10-11-0000	1	Intent
10-11-0110	1	Vehicle data recorder included with chassis
10-11-1101	1	ULC S515-13 and NFPA 1901-2016 Compliance
10-11-1500	1	ULC Testing - Pumper - Imperial units of measure
Separate flow test shall be taken for the rear suction flow rate. Written test results shall be presented to the Department of Environment and Local Government personnel during final inspection.		

PART NO	QTY	DESCRIPTION
10-11-2100	1	<p>Maximum length not specified Discuss at pre-construction meeting: Customer confirmed no length restriction</p>
10-11-2200	1	<p>Maximum height not specified Discuss at pre-construction meeting: Customer confirmed no height restriction - 14' doors</p>
10-11-2400	1	<p>Overall length is 30' or more</p>
10-11-2500	1	<p>General Construction</p>
10-11-2600	1	<p>Virtual Pre-construction Meeting</p>
10-11-3000	1	<p>Manuals - three copies - two (2) hard and one (1) digital At the time of delivery, two (2) hard copies and one (1) digital 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"</p>
10-11-3600	1	<p>Delivery - FOB Fire Department - minimum 8 hours of orientation There will be a full day (8hrs) of orientation included when the unit is delivered to the fire department</p>
10-11-36AA	1	<p>Orientation Video There will be an orientation video included so the department will be able to use it to train other firefighters after the truck is put in service</p>
10-11-4300	1	<p>Payment Terms - Chassis and Body NET 30</p>
10-20-1000	1	<p>Hose bed capacity - standard ULC Pumper Hose bed designed to carry 1200' of 2.5" hose and 400' of 1.5" hose. Extra hose may cut water capacity or require body change. Customer confirmed ULC standard hose load is acceptable</p>
10-20-2000	1	<p>Equipment carrying capacity - standard ULC Pumper - 2000lb of equipment</p>
<p>CHASSIS INFORMATION</p>		
20-11-1010	1	<p>Chassis supplied by Freightliner 114 SD 4-door Freightliner 114 SD, 4-door cab, Single rear axle 14,600lb Front Axle, 31,000lb Rear Axle, 45,600lbs GVWR 274" wheelbase, 162" cab to axle, 70" rear frame overhang Cummins X12 455EV HP @1900 RPM, 2000 gov RPM, 1700lb-ft @1000RPM Allison 400EVS Automatic transmission, 5-speed, Package 198 Driveline series 17T Meritor or 18T Meritor requested Cummins Engine integral brake with brake light activation to meet NFPA 68 MPH top speed 275 amp alternator 189 liter fuel tank, LH under cab with 6 gallon DEF - clean back of cab required. 12-volt power supply and dual USB on dash Polished aluminum wheels</p>

PART NO	QTY	DESCRIPTION
		Hood mounted air horns with dual lanyards
		ESC
		Flat leaf spring suspension (rear)
		Single tone paint - L5994EY Harvester Red Elite
		Add to spec:
		Wheel trim
		Power windows
		Metalfab will install a switch on the chassis dash to control high idle through the Pump Governor with the appropriate interlocks.
20-11-10AA	1	Chassis Dealer - Valley Equipment - Hartland, NB
20-11-10BB	1	Tread plate at floor height change crew area of chassis Install 4" high with 2" bend tread plate corner guard x 65" long for floor depth change across width of chassis interior protection
20-11-1500	1	2013 Emission chassis modifications
20-11-1700	1	Chassis Motor Vehicle Inspection required - NB Completed unit is provided with a New Brunswick Motor Vehicle Inspection dated the month of delivery.
20-21-0500	1	Fluid capacity plate
20-21-0600	1	Pumping test plate
20-21-1030	1	Maximum riders sign - 5 persons
20-21-1510	1	Seat belt warning labels - 4 door chassis
20-21-1520	1	Helmet warning label - do not wear helmet
20-21-1560	1	LED Tire Pressure Indicators - Single Axle - installed prior to delivery
20-21-1600	1	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"
20-21-2000	1	Non removable key
20-21-2500	1	Shifter lock not required
20-21-3500	1	Rear step warning label
20-21-3800	1	Front mudflaps Metalfab to install mudflaps at rear of front wheels
20-21-4000	1	Rear mudflaps - Metalfab Logo
20-31-0200	1	Fuel fill label -Ultra Low Sulfur Diesel only
20-31-1000	1	Alum tread fuel tank trim, Conv - 4 door Vertical trim only, OEM cab steps remain
20-31-1900	1	Chassis cab painted single tone by chassis OEM
20-31-70AA	1	Install wheel trim provided by chassis dealer
20-31-7500	1	Standard Metalfab Console in Freightliner chassis Room required to Install the following: 20-41-5500 - On Spot switch 30-51-0500 - Pump shift 50-11-0900 - Rocker switch panel 50-11-1470 - Siren

PART NO	QTY	DESCRIPTION
		50-11-7600 - Signal Master controller
		50-35-0510 - blank plates for radio provisions
		Gray zolatone finish with flat black powder coated plates
		Storage area with hinged cover and lift and turn latch provided at rear of console.
20-31-75AA	1	Shelf on back of console - zolatone finish 18" wide x 6" deep shelf on back of console, Zolatone finish
20-41-0600	1	Intake air shutoff for engine not requested
20-41-0900	1	Auxiliary braking system disabled when pumping
20-41-1100	1	Transmission programming - Allison WT
20-41-1500	1	Extend exhaust pipe - RS front of rear wheels 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. No special provision for fire hall ventilation system
20-41-1900	1	Battery boost terminals with chassis
20-41-2200	1	Chassis batteries relocated if necessary Chassis batteries will be relocated under the cab if necessary
20-41-2510	1	Fuel fill at step fuel tank under cab
20-41-2600	1	Chassis fuel tank remains in OEM location
20-41-5100	1	Rear Tow Hook - pintle hook Includes rubber gasket
20-41-5500	1	ON SPOT Automatic traction chains Switch to be mounted on console (20-31-7500) with protective guard unless otherwise specified
20-51-0710	1	Master Battery Disconnect included with Freightliner chassis
20-51-2500	1	Back up alarm included with chassis
20-51-3400	1	Protection valve installed for air operated accessories
20-51-3500	1	Air outlet 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	1	Auto eject for air inlet - LS Pump panel
20-51-56AA	1	Flashing headlights provided with chassis, switched in cab
20-51-6200	3	120 volt 20 A shore line connection in chassis cab and body Standard 5-20R duplex receptacle, not fused One in chassis cab for Battery conditioner Two in L1 upper section of compartment
20-51-62AA	1	120 volt 20 A shore line connection on back of console Install on back of console under radio shelf 20-31-75AA
20-51-6502	1	Kussmaul Autocharge 1200 battery conditioner with auto eject and readout Battery conditioner mounted behind the rear SCBA seat on the driver side Auto Eject and readout located in the left side pump panel area.

PART NO	QTY	DESCRIPTION
20-51-7102	1	Electric System Manager - VMUX
20-51-8505	1	Engine compartment light included with chassis and controlled by OEM switch
20-51-9001	1	Air horns included with chassis and controlled by chassis OEM lanyards
20-52-3500	1	Chassis steering wheel lined up by Metalfab
20-52-4009	1	Pro-Vision camera system - 4 cameras - front, right, left and rear - with VDR
		Monitor to be mounted on chassis dash with a rigid mount with the forward mounting camera mounted on the same bracket P/N1530928 Change to 20-52-4009 Pro Vision Camera - 4 cameras with DVR To be programmed so rear camera view is shown on monitor when transmission is placed in reverse; LS camera view is shown on monitor when the LS turn signal is active; and RS camera view is shown on monitor when the RS turn signal is active.
20-60-0400	1	Chassis wheelbase does not change
20-90-1500	2	12 volt power point Two in L1 upper section of compartment
20-90-1600	1	Dual USB Charging port One in L1 upper section of compartment
20-90-16AA	1	Dual USB charging socket supplied by chassis OEM
		PUMP AND PLUMBING
30-11-5600	1	Hale QFLO Single stage 1050 IGPM
30-12-3300	1	Mechanical seal for Hale QFLO pump
30-15-0102	1	Plumbing - Hale manifold pump TM SS
30-20-1000	1	Valves and controls - top mount panel
30-20-1003	1	Elkhart valves specified
30-20-1600	1	Piping stainless steel - general
30-20-1700	1	1-1/2" thread specifications - Storz *** Discuss at pre-construction meeting: Customer confirmed NPSH threads to Storz
30-20-1800	1	2-1/2" thread specifications - Storz *** Discuss at pre-construction meeting: Customer confirms NST to Storz
30-20-18AA	1	Red Head Storz adapters Red Head Storz fittings for all 1-1/2" connections (NPSH threads) Red Head Storz fittings for all 2-1/2" connections (NST thread)
30-20-2000	1	Piping hydrostatic test
30-20-2500	1	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. *** Order with pump
30-21-9515	1	Tank to Pump 4" Ball valve SS, electric control with check valve manifold pump
30-22-1520	1	Tank Fill valve 2-1/2" SS
30-31-4010	1	Suction - 6" gated each side manifold pump

PART NO	QTY	DESCRIPTION
30-31-6028	1	<p>Suction - 5" SS piping to rear - electric control - 6" connection, bleeder Suction shall be located on the left-hand side of the rear, below the 10" rear dump inside the rear compartment extended to the area near the rollup door to facilitate making the connection. Bleeder for the suction shall be on the back wall of the back compartment and left side pump panel. Control for the electric valve (ref 30-31-7200) shall be on the top mount pump operators panel. There shall be a minimum of 625 IGPM flow capacity delivered at draft. A flow test shall be taken and written test results shall be presented to the Department of Environment and Local Government personnel during final inspection.</p>
30-31-7200	3	<p>Hale master intake suction valve - electric control Suction to be gated is 6" LS, 6" RS and 6" rear inlets. All three electric controls will be located at the top mount pump operators panel. The manual over ride controls will be adjacent to the corresponding valve.</p>
30-32-7530	1	Suction - 2-1/2" left side SS, bleeder, Hale manifold pump
30-32-8030	1	Suction - 2-1/2" right side SS, bleeder, Hale manifold pump
30-40-2020	1	4" right discharge SS, plumbed 3", Hale manifold pump, 4" storz cap, bleeder
30-41-2030	1	2-1/2" RS discharge TM SS, bleeder, Hale manifold pump
30-41-2530	2	2-1/2" LS discharge TM SS, bleeder, Hale manifold pump
30-43-1530	2	<p>2-1/2" rear discharge TM SS, plumbed 2-1/2", bleeder *** each side as shown on proposal drawing</p>
30-44-0520	2	<p>1-1/2" crosslay (each) SS, 2" valve, bleeder The bottom plate of the crosslay area is lined with black interlocking tile. The transverse hose bed is equipped with stainless steel rollers on each end for easier hose removal, the hose rollers shall be vertical and horizontal around the hose opening. ***Both crosslays are foam capable Each crosslay is to hold 200' x 1-3/4" hose</p>
30-44-6520	1	<p>Piping for monitor SS, plumbed 3", bleeder The plumbing will be capped for future installation of a customer supplied monitor. There will be a bleeder on the left side pump panel The plumbing will be centered from left to right and will be located between the top mount panel and the crosslays, Thread will terminate 2" above the pump house</p>
30-51-0500	1	<p>Pump shift-Midship air ***Includes "Pump Engaged" and "OK to Pump" indicator lights in cab ***Includes "Throttle Ready" indicator light on Pump operating panel</p>
30-51-0700	1	Pump Gearbox mounted manual over ride for pump shift
30-51-6700	1	<p>FRC Pump Boss Governor/Throttle engine display plus High Idle Provide a high idle switch on the chassis dash to provide stationary high idle with the appropriate interlocks to meet ULC</p>
30-51-7005	3	<p>Suction side relief V/V, manifold pump For the 6" LS gated inlet, 6" RS gated inlet and 6" rear gated inlet. Red Head Storz adapters required on all three.</p>

PART NO	QTY	DESCRIPTION
30-51-7719	1	Trident Automatic Air Primer 3 barrel 4 location with gauge Locations. 1. Pump 2. Left pre-prime 3. Right pre-prime 4. Rear pre-prime
30-51-7720	1	Additional air tank for air primer system with chassis An additional air tank is provided to improve air primer capacity
30-51-8000	1	Heat exchanger Heat exchanger installed by Metalfab
30-52-1000	1	Master drain V/V, 12 port
30-52-2000	1	Drain valve for foam system header
30-52-5515	1	Foam system-Hypro 2001 Single Tank Foam system is plumbed to two (2) 1-1/2" crosslays, one (1) 2-1/2" RS discharges and one (1) 2-1/2" rear discharge (on right of body).
30-52-8100	1	Electric foam fill pump with panel pickup There shall be one (1) pump panel foam pick up connection for the foam tank, located on the right-side pump panel. Control for the foam fill pump shall be located on the right-side pump panel. Included will be a hose with the mating connection to the panel connection to allow filling from a ground level foam pail. The hose shall be stored inside the right-side pump access door on a bracket.
30-52-9100	1	Foam concentrate label at foam tank fill
30-52-9200	1	Foam System Instruction Plates
30-52-9400	1	NFPA Foam System certification test
WATER AND FOAM TANKS		
40-11-2100	1	Polypropylene water tank (Imperial gallons)
40-11-2200	1	Water tank capacity certification (tank manufacturer)
40-11-5500	1	Tank capacity 1200 Imperial Gallons Weight distribution prepared and projected loaded weight is less than 90% of the chassis GVW.
40-12-5000	1	Foam cell - 30 Imperial gallon
40-13-0100	1	Through the tank tunnel - up to 20 cu ft Requires Porta Tank tube storage 60-40-9500
40-21-1000	1	4" tank to pump connection
40-21-1000	1	4" tank to pump connection
40-22-1000	1	2-1/2" tank fill connection
40-23-0500	1	3/4" water level gauge connection
40-23-1000	1	3/4" foam level gauge connection
40-23-1050	1	4" Fireman's Friend connection
40-23-1060	1	10" Newton dump connection
40-30-0500	1	Sump drain valve (3" gate valve) with linkage
40-30-1000	1	Water Fill Box front left corner
40-31-3500	1	10" rear Newton dump, stainless steel
40-31-3600	1	Newton dump - stainless steel 36" telechute
40-31-5510	1	Electric operator for Newton dump, side mount Switch is located on the left rear above the tail lights and flashing warning light.

PART NO	QTY	DESCRIPTION
		Provisions are made to allow manual operation of the dump line in the event of an emergency. Manual handle included
40-31-9010	1	4" Storz rear fill, Fireman's Friend There will be a 4" Fireman Friend with a 30-degree droop supplied and installed in the rear compartment of the unit. The connection will be extended to the area near the rollup door to facilitate making the connection. Bleeder required
ELECTRICAL		
50-11-0300	1	Base electrical system - multiplex
50-11-0600	1	Warning Light Certification
50-11-0700	1	Low Voltage Electrical system test
50-11-0800	1	Low Voltage Electrical System Documents As required by ULC and NFPA standards
50-11-0900	1	Rocker switch panel with master warning switch on console 20-31-7500 ***Rocker switch assignments: MASTER -LIGHT BAR RED -REAR BEACONS -FLASHING WARNING -REAR FLOODS
50-11-1470	1	Whelen 295SLSC1 100 Watt / 200 Watt siren - with removable microphone
50-11-1630	1	Siren speaker, 200 watt, in left side front bumper
50-11-2600	1	Siren to be accessible to driver and officer
50-11-5812	1	Federal LPX53DS - NFPA LED light bar Red only - all lights are enabled in both Response and Scene modes - flash pattern to change when park brake is set. Metalfab part # 1571015
50-11-7600	1	Rear LED Federal Signal Master warning lights SL8S To be installed under the rear intermediate step (60-31-5800) Includes an Economy Controller to be installed in the console 20-31-7500
50-11-9010	1	Rear beacons - Federal NVG10 LED (pr) - both red - even with top of body
50-12-5028	1	Front LED flashers (pr)-red Federal QL43-RR
50-12-5118	1	Rear LED flashers (pr)-red Federal QL43-RR
50-12-5218	1	Front side inter lts (pr)-red LED Federal QL43-RR
50-12-5318	1	Body side inter lts (pr)-red LED Federal QL43-RR
50-21-1505	1	Rear floods (pr) Unity LED Switched in cab and with reverse of transmission Note that these lights are also used as rear step lights and cannot be managed PN# 1030375
50-21-2547	2	FRC Telescoping Spectra LED 12V flood (ea) Mounted on one each side of pump house ahead of crosslays and switched at pump panel - pull up style. Can be managed to be shed Hazard switch wired to equipment not stowed warning light in chassis cab
50-21-5100	1	Compartment lighting - LED tube lights in each compartment (rollup doors)

PART NO	QTY	DESCRIPTION
		4" recessed light in the R2 compartment due to the compartment height
50-21-5500	1	Door Ajar warning light Bilingual Warning label in cab to read: "Do Not Move Apparatus when Light is on" Located above the driver seat position
50-21-5550	1	Equipment rack not stowed warning light Bilingual Warning label in cab to read: "Do Not Move Apparatus when Light is on" Located above the driver seat position The ladder rack (60-41-9001) and Extenda lights (50-21-2547) will be wired to this warning light
50-21-8001	1	Step lights for body steps - 4" LED Lights to be activated with the park brake application
50-21-8100	1	Step lights for walkway
50-21-8201	1	Step lights for chassis steps - LED Lights to be activated with the park brake application
50-21-83AA	1	LED bullet lights for step over rear compartment Lights will be activated with the application of the park brake Metalfab part # 1032008
50-21-8600	1	LED clearance lts and reflectors
50-21-8800	1	LED intermediate turn signal/clearance/reflector length >30'
50-22-0700	1	Whelen 64 LED tail/brake-turn-backup module (pr)
50-31-6560	1	Ground lighting (LED Lumabar) - 4 door chassis Lights to be activated with the park brake application
50-31-6570	1	Ground lighting (LED Lumabar) - side mount body Lights to be activated with the park brake application
50-31-65AA	1	Hose bed cover lights There will be lights mounted under the hose bed cover (60-33-5000). They will be switched with the park brake
50-35-0510	2	Provision for installation of customer supplied mobile radio Provision for two (2) customer radios is provided in the chassis console 20-31-7500. 12-Volt power and ground is provided for these radios, powered from the master kill switch and fused for 30A. There will be a signal from the ignition required. Blank plates will be supplied to allow the future installation of radios or equipment by the fire department One plate to be provided for Motorola APX 4500 with nominal cutout of 2" x 7" (51mm x 178 mm) required. One of these radios is here on the Dumfries shelf for more precise measurements.
50-35-0560	1	VHF antenna with base - commercial chassis To be installed minimum 18" behind the lightbar unless otherwise specified
50-35-0590	1	Cellular/TMR antenna with base - commercial chassis To be installed minimum 18" behind the lightbar unless otherwise specified

PART NO	QTY	DESCRIPTION
		BODY
60-10-1400	1	Single axle extruded aluminum body
60-10-4100	1	No "beavertail" rear step supports
60-10-4600	1	Painted fender surround
60-10-4700	1	Integral aluminum fender trim
60-10-5400	1	Diamondback pumphouse steps
60-10-5430	1	Diamondback 19" rear step
60-10-6000	1	Extruded rub rail
60-11-0300	1	Front left side compartments full height
60-11-0600	1	Front right side compartments intermediate height
60-11-1000	1	Rear left side compartments full height
60-11-1300	1	Rear right side compartments intermediate height
60-11-1900	1	Low side compartment (up to 18") each - R2
60-11-2000	1	High side compartment (over 18") each - L2
60-11-3200	1	Full Height Rear compartment
		Includes the following:
		Porta tank tube (60-40-9500)
		Dump valve (40-31-3500)
		Rear suction (30-31-6028)
		Direct fill (40-31-9010)
60-11-4535	1	Flush Mount aluminum door - single with "D" handle - Flip up - R2
60-11-5500	1	Rollup door - standard height - L2
		Natural aluminum finish
		Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
60-11-5510	2	Rollup door - intermediate height - R1, R3
		Natural aluminum finish
		Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
60-11-5520	3	Rollup door - full height - L1, L3, B1
		Natural aluminum finish
		Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
60-11-5655	1	Amdor pull straps - Flex - HD (for door opening 20"-37") - L2
60-11-5660	3	Amdor pull straps - Flex - HD (for door opening 49"-70") - L1, L3, B1
60-31-4100	1	Extruded aluminum handrails
		Minimum 2" clearance from handrail to any surface
60-31-5500	1	Steps at rear of body (folding) with LED lights
		Maximum height between steps is 18"
		Lights will be activated with the application of the park brake
60-31-5600	1	Steps and grab handles at front of body next to pump panel
		Maximum height between steps is 18"
		Lights will be activated with the application of the park brake
60-31-5800	1	Intermediate step over rear compartment
		There will be LED bullet lights to illuminate the step surface (50-21-83AA)
		There will be reflective Delineation markings to meet NFPA
60-31-6500	1	Compartment matting - black plastic interlocking tile
60-31-7900	1	Vertical unistrut tracking in compartments L1, L2, L3, R1 and R3
		There won't be any unistrut in the B1 and R2 compartments due to the minimal

PART NO	QTY	DESCRIPTION
		useable space available
60-31-8006	4	BA bottle compt (ea) - fender well Retaining loops included Customer to specify make and model of cylinder to be stored: MSA 4500 G1 6-1/4" diameter 23-1/2" long Photo to come
60-31-8650	4	Sliding tray (ea) - 500 pound capacity with lock-in, lock-out sliding hardware White reflective stripe on exposed edges for visibility when compartment is open Locations: 1. L1 compartment 2. L3 compartment 3. R1 compartment 4. R3 compartment
60-31-9600	5	Adjustable shelf (ea) Reflective stripe is applied on the exposed edge for visibility when the compartment door is open Locations and depth (shallow or deep): 1. _L1_ Depth: _shallow 2. _L2_ Depth: _shallow 3. _L3_ Depth: _shallow 4. _R1_ Depth: _deep 5. _R3_ Depth: _deep
60-32-3560	1	Three hose divider (each) Two (2) adjustable and one (1) fixed Hand hold required in end
60-32-7500	1	Hose bed - aluminum
60-33-0000	1	Paint exterior - Imron Elite *** Paint code and colour to match chassis cab
60-33-0200	1	Undercoat vehicle with KROWN rust protection
60-33-0600	1	Chassis wheels not painted - Aluminum wheels
60-33-1000	1	Paint pump and plumbing job colour
60-33-1600	1	Special paint compartment interior - gray zolatone The compartment interiors are finished with a gray textured paint for chip resistance. Shelves, trays, unistruts and hardware are left natural aluminum.
60-33-2200	1	Lettering - 80 letters up to 3" tall - 3 colour Lettering to match previous unit M18-18238 except E-10 Crest to be provided by the Fire Department Layout approved July 16, 2024 Crests received August 30, 2024 (Keswick Valley), sent to Heather
60-33-3000	1	Reflective stripe - 4" white 50% of perimeter each side and 25% of perimeter front 3M Scotchlite Layout approved July 16, 2024

PART NO	QTY	DESCRIPTION
60-33-3310	1	Reflective stripe - red and yellow chevron at rear 50% of rear to meet ULC - the outer body edge behind the extinguisher boxes will be painted only and extrusions will not be covered 3M Scotchlite material
60-33-3600	1	White Reflective stripe - inside entry doors 96 square inches minimum inside each cab and crew cab entry door
60-33-4600	1	Aluminum cover over crosslays - with end tarps (black)
60-33-5000	1	Aluminum cover over hose bed with end tarps - black
60-40-5500	2	Suction hose tube (each) with door Suction hose tubes will be completely enclosed, will have a door ajar switch and have stainless steel trim around the opening. Will store the suction hoses (80-11-5000)
60-40-8500	1	Tail light box Fire Extinguisher tubes (pr) For storage of the ABC fire extinguisher 80-17-0500 and the CO2 fire extinguisher 80-17-1000. PAC 1006-B Adjusta-mount straps will be installed to secure extinguishers in the tubes Has 4" LED lights installed on the inside portion to illuminate the rear step. Lights activated with the application of the park brake
60-40-9500	1	Tube for portable tank storage, through tank For Portable Tank 80-15-0500 Will include restraint straps
60-41-1000	2	Pike Pole tube under right side fender top - includes stainless steel door For pike poles 80-13-2500 and 80-13-5210. There will be labels on the door to show the lengths of the pike poles. Includes secondary Velcro restraint strap
60-41-9001	1	Zico hydraulic Ladder Access system To be wired so only operable when park brake is engaged, SCBA bottle doors are closed and the R2 compartment door is closed. Flashing lights and reflective tape required at front and rear to indicate any areas that protrude beyond the body. For ladders 24' 2-section (80-14-0500), 14' roof (80-14-5500) and 10' Attic ladder (80-14-8500) Add an audible alarm to operate when the rack is in motion (not required by ULC)
60-41-9010	1	ZICO LAS switched at right side rear above tail light Switch is located on same side as electric rack
INSTRUMENTATION		
70-11-0000	1	Warning Label on Pump Operator's Panel
70-11-1500	1	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
70-11-2000	1	Top 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

PART NO	QTY	DESCRIPTION
70-11-2500	1	Transverse walkway
70-11-2600	1	Tread plate overlay on back of chassis cab
70-11-3000	1	Mansaver bars - 22"
70-11-3200	1	Colour coded tags
70-11-3501	1	Compartments in ends of walkway not required
70-11-4500	1	Diamondback grip type panel hood step right side Includes Delineation reflective markings to meet NFPA
70-11-4600	1	Diamondback grip type panel hood step left side Includes Delineation reflective markings to meet NFPA
70-11-5500	1	Right side tread plate pump access door No opening dimension less than 18" Slot required for Primer level viewing
70-11-5600	1	Left side tread plate pump access door No opening dimension less than 18"
70-11-5700	1	Transverse tread plate pump access door No opening dimension less than 18"
70-11-7500	1	Heat pan-aluminum
70-11-8000	1	Heater in pump compartment
70-20-1120	2	4-1/2" compound guage -30-0-400 dual face
70-20-2130	9	2-1/2" pressure gauge - dual face 0-400 - Thuemling brand
70-20-2500	1	Trident Auto Primer control
70-20-2501	3	Additional Trident Pre-Primer controls
70-20-3200	1	FRC Pump Boss Governor Control Throttle can be no lower than 42" and no higher than 72" from operator's standing position.
70-20-3500	1	Electric water level gauge on pump panel, Class One
70-20-3612	1	Remote PSTANK water level indicators each side, rear with driver Interlock with park brake so powered when the park brake is set. Includes chrome bezel
70-20-6500	1	Test gauge panel
70-20-7500	1	Heat exchanger control valve
70-21-1500	1	Electric Foam Level gauge on pump panel, Class One
ACCESSORIES		
80-11-5000	2	6" x 10' lightweight suction hose (ea) To be stored in tubes 60-40-5500 To be Harrington brand - customer request
80-12-2500	1	6" barrel strainer Mounted with bracket (80-12-2510)
80-12-2510	1	6" barrel strainer mount - Kocheck MM601 Customer to advise mounting location otherwise ship loose: P/N1501175, Kocheck model#MM601 SOPT#51
80-12-2700	1	6" floating strainer

PART NO	QTY	DESCRIPTION
80-12-4502	1	6" low level strainer with 1-1/2" venturi connection - TFT A03HNXJET Strainer P/N1500702, model#A03HNX-Jet 1-1/2" Adapter P/N1501019, model#S36 1-1/2" Storz Cap P/N1501492, model#SC15 SOPT#394 Requires Red Head Storz fitting on Venturi (30-20-18AA) Customer to provide mounting location otherwise ship loose:
80-13-0500	3	Rubber mallet Mounted in 80-13-0510 brackets
80-13-0510	3	PAC Toolok bracket 1003-HD-Y for mounting rubber mallet Install one on LS panel, one on RS panel, one at rear
80-13-1200	3	Clare hose wrenches (double) with holder Install one on LS panel, one on RS panel, one at rear
80-13-1500	1	Bar with bracket To be mounted between the B1 compartment and the back bumper
80-13-2500	1	Pike pole, fibreglass handle - 10' long To be stored in tube 60-41-1000
80-13-2510	1	Pike pole, fibreglass handle - 6' long To be stored in tube 60-41-1000
80-13-30AA	2	Mount customer New York hook vertical at rear Install vertically through extinguisher box Note that these are not installed as we do not have the hooks Provide 2 x 1561553 PAC 1001 HookLok brackets instead of the current 1004-B HandleLok brackets as requested by customer. Stainless panel to be installed as directed by customer.
80-13-4000	1	Axe, pick head, fibreglass handle and bracket Mount inboard of tail light extinguisher box
80-13-4500	1	Axe, flat head, fibreglass handle and bracket Mount inboard of tail light extinguisher box
80-14-0500	1	24' 2 section extension ladder PEL 24 To be stored on ladder rack 60-41-9001
80-14-5500	1	14' aluminum roof ladder PRL-14 To be stored on ladder rack 60-41-9001
80-14-8500	1	10' aluminum folding attic ladder FL-10 To be stored on ladder rack 60-41-9001 with bracket 80-14-9000
80-14-9000	1	Attic ladder bracket (Zico)
80-14-9100	1	Air chuck with 25' of 3/8" hose - shipped loose with apparatus
80-15-0500	1	1500 l gallon portable tank - Husky Porta Tank to be yellow, have two (2) drains and be stored in tube 60-40-9500

PART NO	QTY	DESCRIPTION
80-16-1500	1	Akron 2581 gated wye Requires Red Head Storz fitting (30-20-18AA) Ship loose Part # 1550503
80-17-0500	1	20# dry chemical fire extinguisher Mounted in extinguisher box (60-40-8500)
80-17-1000	1	15# CO2 fire extinguisher Mounted in extinguisher box (60-40-8500)
80-17-1500	1	2 gallon water extinguisher with mount Customer to provide mounting location otherwise ship loose:
80-18-0600	4	SCBA brkt w/strap - ZICO ULLH - crew cab mount
80-19-0500	1	Large folding wheel chock - aluminum (ea) not mounted To be shipped loose with the completed unit
80-99-60AA	1	Ground ladder tests to meet NFPA 1932 (2015 edition)