



Shop Order

Fredericton Regional Centre Suite 2300 300 St.Mary's Street Fredericton, NB E3A 2S4	Cumberland Bay Fire Department
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Sales Rep: Gordon Green Metalfab Ltd	Terms: Chassis, body and equipment - Net 30 days
Drawing #: FT-11536 Est. Delivery Date: / / Customer PO #: P100201022 Customer #: 1526 QPF #:	Penalty: None

Exp. Date: 02/19/2022
Quote No: G-PNB Top Mount-0010
Job/Order No: 22511
BODY: 00-10-15 Metalfab Pumper - ULC 05/13

01/17/2024

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PART NO	QTY	DESCRIPTION
== Metalfab Pumper - ULC 05/13 - 0.000 ==		
Change Order C		
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	Maximum length not specified Discuss at pre-construction meeting: Customer confirmed no maximum length
10-11-2200	1	Maximum height not specified Discuss at pre-construction meeting: Customer confirmed Fire Hall has 14' doors
10-11-2400	1	Overall length is 30' or more
10-11-2500	1	General Construction
10-11-2600	1	Virtual Pre-construction Meeting
10-11-3000	1	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"
10-11-3600	1	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
10-11-36AA	1	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
10-11-4300	1	Payment Terms - Chassis and Body NET 30
10-20-1000	1	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. Department to supply expected hose load in order to ensure proper amount of hose bed capacity is supplied and proper weight is calculated: _____ _____ _____
10-20-2000	1	Equipment carrying capacity - standard ULC Pumper - 2000lb of equipment
20-11-1000	1	CHASSIS INFORMATION Chassis supplied by Metalfab - Freightliner M2 112 - 2 door Freightliner M2 112, 2-door cab, Single rear axle 14,600lb Front Axle, 31,000lb Rear Axle, 45,600lbs GVWR 221" wheelbase, 155" cab to axle, 100" rear frame overhang Cummins L9 450EV HP @2100 RPM, 2200 gov RPM, 1250lb-ft @1200RPM Allison 3000EVS Automatic transmission, 5-speed, Package 198 Driveline series 1710 Cummins Engine integral brake with brake light activation to meet NFPA 64 MPH top speed

PART NO	QTY	DESCRIPTION
		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 with hub and nut covers
		Hood mounted air horns with dual lanyards
		ESC
		Single tone paint - L5994EY Harvester Red Elite
		Changes required to chassis spec:
		Ensure batteries are under chassis cab for clean BOC
		Add flashing headlights 27D-013
		Add rear window
		Add NFPA seat sensors and display
		Air ride suspension as listed on the contract page
		Add power windows
		Add wheel trim
		Add engine compartment light
20-11-10AA	1	Chassis Dealer - Valley Equipment - Hartland, NB
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
20-21-1000	1	Maximum riders sign - 2 persons
20-21-1500	1	Seat belt warning labels - 2 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
20-21-3810	1	Front mudflaps provided with chassis
20-21-4000	1	Rear mudflaps - Metalfab Logo
20-31-0200	1	Fuel fill label -Ultra Low Sulfur Diesel only
20-31-0500	1	Alum tread fuel tank trim, Conv - 2 door
		Vertical trim only, OEM cab steps remain
20-31-1900	1	Chassis cab painted single tone by chassis OEM
20-31-4710	1	Extend front bumper, gravshld with hosewell, cover, and D handle latch
		***Bumper to be extended 18" ahead of cab, carry 100' of 1.75" hose and pistol grip nozzle, chrome swivel connection on top left side of bumper and drains at bottom of compartment.
		The cover will have a raise lip, D-handle, slot for pre-connected hose, rollers and gas

PART NO	QTY	DESCRIPTION
		strut (s) as required
20-31-70AA	1	Install wheel trim provided by chassis dealer
20-31-7500	1	Standard Metalfab Console for 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 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.
20-41-0600	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
20-41-2000	1	Chassis batteries remain in OEM location
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
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
20-51-5610	1	Flashing headlights provided with chassis, switched in cab
20-51-6200	1	120 volt 20 A shore line connection in chassis cab Standard 5-20R duplex receptacle in chassis cab, not fused To be mounted 12" from chassis floor minimum to meet ULC To be installed on back wall of chassis cab for Kussmaul Conditioner to plug into
20-51-6502	1	Kussmaul Autocharge 1200 battery conditoner with auto eject and readout Battery conditioner mounted behind the console (20-31-7500) area Auto Eject and readout located in the left side pump panel area.

PART NO	QTY	DESCRIPTION
20-51-7102	1	<i>Electric System Manager - VMUX</i>
20-51-8505	1	<i>Engine compartment light included with chassis and controlled by OEM switch</i>
20-51-9001	1	<i>Air horns included with chassis and controlled by chassis OEM lanyards</i>
20-52-3500	1	<i>Chassis steering wheel lined up by Metalfab</i>
20-52-4009	1	<i>Pro-Vision camera system - 4 cameras - front, right, left and rear - with DVR</i>
		Monitor to be mounted on chassis dash with a rigid mount P/N1530928
		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
20-90-16AA	1	<i>Dual USB charging socket supplied by chassis OEM</i>
		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	<i>Plumbing - Hale manifold pump TM SS</i>
30-20-1000	1	<i>Valves and controls - top mount panel</i>
30-20-1003	1	<i>Elkhart valves specified</i>
30-20-1600	1	<i>Piping stainless steel - general</i>
30-20-1700	1	<i>1-1/2" thread specifications - NPSH</i>
		*** Discuss at pre-construction meeting: Fire department confirmed NPSH
30-20-1800	1	<i>2-1/2" thread specifications - 3x8</i>
		*** Discuss at pre-construction meeting: Fire department confirmed 3x8
30-20-18AA	1	<i>Red Head Storz adapters</i>
		Red Head Storz adapters shall be supplied for all 2-1/2" discharges, 2-1/2" suction inlets, including the SSRV discharges complete with caps where necessary. Department shall supply thread specification of their existing hoses.
30-20-2000	1	<i>Piping hydrostatic test</i>
30-20-2500	1	<i>Anodes in suction and discharge piping</i>
		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
30-21-9530	1	<i>Tank to Pump 4" Elkhart ball valve SS, electric Apex-S control on pump panel</i>
30-22-1530	1	<i>Tank Fill valve 2-1/2" TM SS</i>
30-31-4010	1	<i>Suction - 6" each side manifold pump - gated</i>
30-31-6028	1	<i>Suction - 5" SS piping to rear - electric control - 6" connection, bleeder</i>
		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.

PART NO	QTY	DESCRIPTION
		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.
30-31-7200	3	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 on the top mount pump operators panel. The manual over ride controls will be adjacent to the corresponding valve.
30-32-7530	1	Suction - 2-1/2" left side SS, bleeder, Hale manifold pump, control at valve
30-32-8030	1	Suction - 2-1/2" right side SS, bleeder, Hale manifold pump, control at valve
30-40-2030	1	4" right disch TM SS, plumbed 3", Hale manifold, SloClose, 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	2-1/2" rear discharge TM SS, plumbed 2-1/2", bleeder Each side as shown on proposal drawing
30-44-0530	2	1-1/2" crosslay (each) TM SS, 2" valve, bleeder
30-44-1030	1	1-1/2" front trash line TM SS, plumbed 2", hosewell Discharge through a chrome swivel elbow on gravelshield on left side of unit
30-44-6530	1	Piping for monitor TM 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 between the pump panel and the crosslays. Thread will terminate 2" above the pump house.
30-51-0500	1	Pump shift-Midship air ***Includes "Pump Engaged" and "OK to Pump" indicator lights in cab ***Includes "Throttle Ready" indicator light on Pump operating panel
30-51-0700	1	Pump Gearbox mounted manual over ride for pump shift
30-51-6640	1	Class One "TPG Plus" Governor/Throttle
30-51-7005	3	Suction side relief V/V, manifold pump, w/ MIV 30-31-7200 For the 6" LS gated inlet, 6" RS gated inlet and 6" rear gated inlet. Red Head adapters required on all three. Include Red Head Storz adapters to Customer's threads (ref 30-20-18AA)
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
30-51-8100	1	Heat exchanger included with chassis
30-52-1000	1	Master drain V/V, 12 port

PART NO	QTY	DESCRIPTION
30-52-2000	1	<i>Drain valve for foam system header</i>
30-52-5515	1	<i>Foam system-Hypro 2001 Single Tank</i> Foam system is plumbed to two (2) 1-1/2" crosslays, one (1) 2-1/2" RS discharges, trashline and one (1) 2-1/2" rear discharge (on right of body).
30-52-8100	1	<i>Electric foam fill pump with panel pickup</i> 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	<i>Foam concentrate label at foam tank fill</i> Located at foam fill tower on tank and at 30-52-8100 foam pickup connection on pump panel
30-52-9200	1	<i>Foam System Instruction Plates</i>
30-52-9400	1	<i>NFPA Foam System certification test</i>
WATER AND FOAM TANKS		
40-11-2100	1	Polypropylene water tank (Imperial gallons)
40-11-2200	1	Water tank capacity certification (tank manufacturer)
40-11-5000	1	Tank capacity 1000 Imperial Gallons
40-12-5000	1	<i>Foam cell - 30 Imperial gallon</i>
40-13-0100	1	<i>Through the tank tunnel - up to 20 cu ft</i> Requires Porta Tank tube storage 60-40-9500
40-21-1000	1	<i>4" tank to pump connection</i>
40-22-1000	1	<i>2-1/2" tank fill connection</i>
40-23-0500	1	<i>3/4" water level gauge connection</i>
40-23-1000	1	<i>3/4" foam level gauge connection</i>
40-23-1050	1	<i>4" Fireman's Friend connection</i>
40-23-1060	1	<i>10" Newton dump connection</i>
40-30-0500	1	<i>Sump drain valve (3" gate valve) with linkage</i>
40-30-1000	1	Water Fill Box front left corner
40-31-3500	1	<i>10" rear Newton dump, stainless steel</i>
40-31-3600	1	<i>Newton dump - stainless steel 36" telechute</i>
40-31-5510	1	<i>Electric operator for Newton dump, side mount</i> Switch is located on the left rear above the tail lights and flashing warning light. Provisions are made to allow manual operation of the dump line in the event of an emergency. Include manual handle.
40-31-9010	1	<i>4" Storz rear fill, Fireman's Friend</i> 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	<i>Base electrical system - multiplex</i>
50-11-0600	1	<i>Warning Light Certification</i>
50-11-0700	1	<i>Low Voltage Electrical system test</i>
50-11-0800	1	<i>Low Voltage Electrical System Documents</i> As required by ULC and NFPA standards

PART NO	QTY	DESCRIPTION
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 - side of bumper extension
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 back of chassis cab and switched at pump panel Can be managed to be shed Hazard switch wired to equipment not stowed warning light in chassis cab Part # 1032144
50-21-5100	1	Compartment lighting - LED tube lights in each compartment (rollup doors) 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 about 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 about the driver seat position The ladder rack (60-41-9001) and Extenda lights (50-21-2547) will be wired to this warning light

PART NO	QTY	DESCRIPTION
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 Lights to be activated with the park brake application
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)
50-31-6550	1	Ground lighting (LED Lumabar) - 2 door chassis Lights to be activated with the park brake application
50-31-6580	1	Ground lighting (LED Lumabar) - top 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 by the fire department
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
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

PART NO	QTY	DESCRIPTION
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
60-31-5000	1	Zico access Ladder at rear of unit Minimum 7" clearance between rung and any obstruction Left side rear
60-31-5500	1	Steps at rear of body (folding) with LED lights - RS only Maximum height between steps is 18" Lights will be activated with the application of the park brake Right side only as Zico access ladder is provided for left side
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 all compartments - L1, L2, L3, R1 and R3 There won't be any unistrut in the B1 and R2 compartments due to the minimal useable space available
60-31-8006	4	BA bottle compt (ea) - fender well Retaining loops included There will be door ajar switches on the right side tubes to be interlocked with the ladder rack (60-41-9001) Customer specifications for SCBA cylinders: Make - MSA Diameter of cylinder - 7-1/2"

PART NO	QTY	DESCRIPTION
		Overall length of cylinder - 24"
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	6	Adjustable shelf (ea) White Reflective stripe is applied on the exposed edge for visibility when the compartment door is open Locations and depth (shallow or deep): 1. L1 full depth 2. L1 shallow depth 3. L3 full depth 4. L3 shallow depth 5. R1 full depth 6. R3 shallow depth
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 Imitation gold leaf letters, Fire Department supplied crest and "Black Sheet" decal This truck will be ENGINE 36 Fire Department to provide photos Decals and photos received, final layout approved by customer
60-33-3000	1	Reflective stripe - 4" white 50% of perimeter each side and 25% of perimeter front 3M Scotchlite Striping layout approved by customer
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

PART NO	QTY	DESCRIPTION
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 C02 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
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 Right side compartment doors are 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) and 14' roof (80-14-5500)
60-41-9010	1	ZICO LAS switched at 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
70-11-1200	1	Side SS panel for TM panel
70-11-1510	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 All pump panel lights - side and top - to be energized when park brake is set instead of pump panel switch.
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" Engineering to determine correct length to function with the extendable lights (50-21-2547):

PART NO	QTY	DESCRIPTION
70-11-3200	1	Colour coded tags
70-11-3501	1	Compartments in ends of walkway not requested
70-11-4506	1	Diamondback grip type panel hood step right side Includes Delineation reflective markings to meet NFPA
70-11-4606	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"
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 gauge -30-0-400 dual face
70-20-2170	10	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
70-20-3100	1	Class One 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 PSTANK2 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
80-12-2500	1	6" barrel strainer Ship loose
80-12-4502	1	6" low level strainer with 1-1/2" venturi connection - TFT A03HNXJET Strainer P/N1500702, model#A03HNX-Jet SOPT#394 Discuss at pre-construction meeting: Mount on right side pump compartment door Will require a custom bracket plus PAC 1008 strap or equivalent
80-13-0500	1	Rubber mallet To be mounted with bracket (80-13-0510)

PART NO	QTY	DESCRIPTION
80-13-0510	1	PAC Toolok bracket 1003-HD-Y for mounting rubber mallet Mount on left side pump compartment door P/N1562258, model#1003-HD-Y SOPT#319
80-13-1200	3	Clare hose wrenches (double) with holder Mounted one set each on RS pump panel, LS pump panel, and in rear compartment on RS sidewall
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
80-13-4000	1	Axe, pick head, fibreglass handle and bracket Mount in back compartment
80-13-4500	1	Axe, flat head, fibreglass handle and bracket Mount in back compartment
80-14-0505	1	24' 2 section extension ladder 900-A Duo Safety
80-14-5510	1	14' aluminum roof ladder 775-A Duo Safety
80-14-8510	1	10' aluminum folding attic ladder 10-585-A Duo Safety
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
80-16-1500	1	Akron 2581 gated wye Requires Red Head Storz fitting (30-20-18AA) Discuss at pre-construction: Are 1.5" Storz adapters required? _____ Ship loose Part # 1551246
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 Mount horizontally on sliding tray in R1 compartment at front of body, tipped so the extinguisher will fit
80-19-0500	2	Large folding wheel chock - aluminum (ea) not mounted
80-99-60AA	1	Ground ladder tests to meet NFPA 1932 (2015 edition)