



Shop Order

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

Welsford Fire Department

<b>Sales Rep:</b> Gordon Green Metalfab Ltd.	<b>Terms:</b> Chassis, body and equipment Net 30 days
<b>Drawing #:</b> FT-11595	
<b>Est. Delivery Date:</b> / /	
<b>Customer PO #:</b> P100300323	<b>Penalty:</b>
<b>Customer #:</b> 1570	None
<b>QPF #:</b>	

**Exp. Date:** 02/19/2022  
**Quote No:** G-PNB Welsford 22-0036  
**Job/Order No:** 22726  
**BODY:** 00-10-15 Metalfab Pumper - ULC 05/13

01/02/2025

PART NO	QTY	DESCRIPTION
		<b>== Metalfab Pumper - ULC 05/13 - 0.000 ==</b>
		<b>Change Order F</b>
00-05-0010	1	Dealer - Metalfab
00-10-1500	1	Metalfab Pumper
00-20-0500	1	List of References not provided
00-20-1000	1	Company Profile
<b>00-20-1501</b>	<b>1</b>	<b>One year base warranty</b>
		<b>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).</b>
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
00-20-3000	1	No Bonding Required
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
		<b>GENERAL INFORMATION</b>
10-11-0000	1	Intent
<b>10-11-0110</b>	<b>1</b>	<b>Vehicle data recorder included with chassis</b>
<b>10-11-1101</b>	<b>1</b>	<b>ULC S515-13 and NFPA 1901-2016 Compliance</b>
<b>10-11-1500</b>	<b>1</b>	<b>ULC Testing - Pumper - Imperial units of measure</b>
10-11-2100	1	Maximum length not specified

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
10-11-2200	1	Maximum height not specified
<b>10-11-2400</b>	<b>1</b>	<b>Overall length is 30' or more</b>
10-11-2500	1	General Construction
<b>10-11-3000</b>	<b>1</b>	<b>Manuals - three copies - two (2) hard and one (1) digital</b> 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"
<b>10-11-3600</b>	<b>1</b>	<b>Delivery - FOB Fire Department - minimum 8 hours of orientation</b>
<b>10-11-36AA</b>	<b>1</b>	<b>Orientation Video</b> 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
<b>10-11-4300</b>	<b>1</b>	<b>Payment Terms - Chassis and Body NET 30</b>
10-20-1000	1	Hose bed capacity - standard ULC Pumper
<b>10-20-2000</b>	<b>1</b>	<b>Equipment carrying capacity - standard ULC Pumper</b> This vehicle is designed to carry the standard ULC miscellaneous equipment load of 2000 pounds
<b>CHASSIS INFORMATION</b>		
<b>20-11-1000</b>	<b>1</b>	<b>Chassis supplied by Metalfab - Freightliner 114SD two door</b> Freightliner 114SD, 2-door cab, Single rear axle 14,600 lb Front Axle, 31,000 lb Rear Axle, 45,600 lb GVWR 230" wheelbase, 164.76" cab to axle, 70" rear frame overhang Cummins X12 455EV HP @1900 RPM, 2000 gov RPM, 1700 lb-ft @1000RPM Allison 4000 EVS Automatic transmission, 6-speed, Package 198 Driveline series 17T or 18T Meritor requested Cummins Engine integral brake with brake light activation to meet NFPA 68 MPH top speed 275 amp alternator 70 US gallon 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 color paint - L5994EY Harvester Red Elite Power windows and door locks LED headlights Flashing headlights Rear window required Metalfab will install a switch on the chassis dash to control high idle through the Pump Governor with the appropriate interlocks.
<b>20-11-10AA</b>	<b>1</b>	<b>Chassis Dealer - Valley Equipment</b>
20-11-1500	1	2013 Emission chassis modifications

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
<b>20-11-1700</b>	<b>1</b>	<b>Chassis Motor Vehicle Inspection required - NB</b> Completed unit is provided with a New Brunswick Motor Vehicle Inspection dated the month of delivery.
<b>20-21-0500</b>	<b>1</b>	<b>Fluid capacity plate</b>
<b>20-21-0600</b>	<b>1</b>	<b>Pumping test plate</b>
<b>20-21-1000</b>	<b>1</b>	<b>Maximum riders sign - 2 persons</b>
<b>20-21-1500</b>	<b>1</b>	<b>Seat belt warning labels - 2 door chassis</b>
<b>20-21-1520</b>	<b>1</b>	<b>Helmet warning label - do not wear helmet</b>
<b>20-21-1560</b>	<b>1</b>	<b>LED Tire Pressure Indicators - Single Axle</b>
<b>20-21-1600</b>	<b>1</b>	<b>Apparatus Information Label</b> 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"
<b>20-21-2000</b>	<b>1</b>	Non removable key
<b>20-21-2500</b>	<b>1</b>	Shifter lock not required
<b>20-21-3500</b>	<b>1</b>	Rear step warning label
<b>20-21-3800</b>	<b>1</b>	Front mudflaps
<b>20-21-4000</b>	<b>1</b>	Rear mudflaps - Metalfab Logo
<b>20-31-0200</b>	<b>1</b>	Fuel fill label -Ultra Low Sulfur Diesel only
<b>20-31-0500</b>	<b>1</b>	<b>Alum tread fuel tank trim, Conv - 2 door</b> Vertical trim only, OEM cab steps remain
<b>20-31-1900</b>	<b>1</b>	<b>Chassis cab painted single color red by chassis OEM</b>
<b>20-31-4700</b>	<b>1</b>	<b>Extend front bumper, gravshld with hosewell, cover, and lift and turn latch</b> Bumper to be extended 20" ahead of cab Hosewell capacity 150' x 1-3-4" hose plus a pistol grip nozzle Cover to include a gas strut and lift and turn latch Include slot for preconnected hose
<b>20-31-70AA</b>	<b>1</b>	<b>Install wheel trim provided by chassis dealer</b>
<b>20-31-7500</b>	<b>1</b>	<b>Standard Metalfab Console for Freightliner chassis</b> Install the following: 2 - rocker switches for future Q2B siren as referenced in 50-11-0900 20-41-5500 - On Spot switch 30-51-0500 - Pump shift 50-11-1470 - Siren 50-11-6615 - Traffic Advisor controller 50-35-0500 - radio plate (one slotted accordingly for Customer's radio, One blank plate will be included) Gray Zolatone finish with flat black powder coated plates Storage area with hinged cover, lift and turn latch and gas strut for cover retention is provided at rear of console.
<b>20-41-0600</b>	<b>1</b>	Intake air shutoff for engine not required
<b>20-41-0900</b>	<b>1</b>	<b>Auxiliary braking system disabled when pumping</b>
<b>20-41-1100</b>	<b>1</b>	<b>Transmission programming - Allison WT</b> ***Includes "Pump Engaged" light next to pump shift in cab

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
<b>20-41-1500</b>	<b>1</b>	<b>Extend exhaust pipe - RS front of rear wheels</b> 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. Exhaust to exit at 90 degrees to the rub rail, end of diverter 6" from outer edge of body
20-41-1900	1	Battery boost terminals with chassis
<b>20-41-2200</b>	<b>1</b>	<b>Chassis batteries relocated under chassis cab</b> Batteries relocated to under chassis cab rather than in a compartment
20-41-2510	1	Fuel fill at step fuel tank under cab
20-41-2600	1	Chassis fuel tank remains in OEM location
<b>20-41-5000</b>	<b>1</b>	<b>Rear Tow Hooks - under body</b> *** Flat bar tow hooks under rear step (2) Confirmed at the Pre-construction meeting
<b>20-41-5500</b>	<b>1</b>	<b>ON SPOT Automatic traction chains</b> Switch to be mounted on the 20-31-7500 console with protective guard unless otherwise specified.
<b>20-51-0710</b>	<b>1</b>	<b>Master Battery Disconnect included with Freightliner chassis</b>
<b>20-51-2500</b>	<b>1</b>	<b>Back up alarm included with chassis</b>
20-51-3400	1	Protection valve installed for air operated accessories
<b>20-51-3500</b>	<b>1</b>	<b>Air outlet</b> 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.
<b>20-51-4000</b>	<b>1</b>	<b>Auto eject for air inlet - LS pump panel</b>
<b>20-51-56AA</b>	<b>1</b>	<b>Flashing headlights provided with chassis, switched in cab</b>
<b>20-51-6200</b>	<b>1</b>	<b>120 volt 20 A shore line connection in chassis cab</b> 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
<b>20-51-6502</b>	<b>1</b>	<b>Kussmaul Autocharge 1200 battery conditioner with auto eject and readout</b> Battery conditioner mounted behind the console (20-31-7500) area Auto Eject and readout located in the left side pump panel area.
<b>20-51-7102</b>	<b>1</b>	<b>Electric System Manager - VMUX</b>
<b>20-51-8505</b>	<b>1</b>	<b>Engine compartment light included with chassis</b>
<b>20-51-9001</b>	<b>1</b>	<b>Air horns included with chassis complete with dual lanyards</b>
<b>20-52-0010</b>	<b>1</b>	<b>Air horn control on pump panel</b> Install electric solenoid valve in air horn plumbing to operate horns from a momentary switch on pump panel (required with lanyard style air horn controls) Label AIR HORN on pump panel unless otherwise specified
<b>20-52-3500</b>	<b>1</b>	<b>Chassis steering wheel lined up by Metalfab</b>
<b>20-52-4009</b>	<b>1</b>	<b>Pro-Vision camera system - 4 cameras - front, right, left and rear - with DVR</b> Monitor to be mounted on chassis dash with a rigid mount

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
		<b>P/N 1530928</b>
		Right side camera will be activated when the right side turn signal is activated
		Left side camera will be activated when the left side turn signal is activated
		Rear camera will be activated when transmission is placed in reverse gear.
20-60-0400	1	Chassis wheelbase does not change
<b>20-90-16AA</b>	<b>1</b>	<b>Kussmaul Dual USB charging socket - on dash - included with chassis</b>
		<b>PUMP AND PLUMBING</b>
30-11-5600	1	Hale QFLO Single stage 1050 IGPM
30-12-3300	1	Mechanical seal for Hale QFLO pump
<b>30-15-0104</b>	<b>1</b>	<b>Plumbing - Hale manifold pump SM SS</b>
30-20-0500	1	Valves and controls - side mount panel
<b>30-20-1003</b>	<b>1</b>	<b>Elkhart valves specified</b>
<b>30-20-1600</b>	<b>1</b>	<b>Piping stainless steel - general</b>
<b>30-20-1700</b>	<b>1</b>	<b>1-1/2" thread specifications NPSH</b>
		Confirmed at pre construction meeting
<b>30-20-1800</b>	<b>1</b>	<b>2-1/2" thread specifications BCT (3 x 8)</b>
		Confirmed at pre construction meeting
<b>30-20-18AA</b>	<b>1</b>	<b>Red Head Storz adapters to Customer thread</b>
		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. Include adapter for the gated wye 80-16-1500 as well unless otherwise specified. Confirmed at pre construction meeting
<b>30-20-2000</b>	<b>1</b>	<b>Piping hydrostatic test</b>
<b>30-20-2500</b>	<b>1</b>	<b>Anodes in suction and discharge piping</b>
		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***
<b>30-21-9530</b>	<b>1</b>	<b>Tank to Pump 4" Elkhart ball valve SS, electric Apex-S control on pump panel</b>
		Provide access on pump panel to access the manual over ride for the electric actuator - a hole or a removable panel. Tools to turn the manual over ride not provided.
<b>30-22-1520</b>	<b>1</b>	<b>Tank Fill valve 2-1/2" SS</b>
<b>30-31-4010</b>	<b>1</b>	<b>Suction - 6" each side manifold pump</b>
<b>30-31-7200</b>	<b>2</b>	<b>Hale master intake suction valve - electric control</b>
		Suction to be gated is 6" LS and 6" RS inlets. Both electric controls will be located on the left side pump operators panel. The manual over ride controls will be adjacent to the corresponding valve.
<b>30-32-7530</b>	<b>1</b>	<b>Suction - 2-1/2" left side SS, bleeder, Hale manifold pump</b>
<b>30-32-8030</b>	<b>1</b>	<b>Suction - 2-1/2" right side SS, bleeder, Hale manifold pump</b>
<b>30-40-2020</b>	<b>1</b>	<b>4" right discharge SS, plumbed 3", Hale manifold pump, slo-close, bleeder 4" Storz 30 degree connection and cap</b>
<b>30-41-2020</b>	<b>1</b>	<b>2-1/2" RS discharge SS, bleeder, Hale manifold pump</b>
<b>30-41-2520</b>	<b>2</b>	<b>2-1/2" LS discharge SS, bleeder, Hale manifold pump</b>

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
30-43-1520	2	<b>2-1/2" rear discharge SS, plumbed 2-1/2", bleeder</b> ***Each side at rear
30-44-0520	2	<b>1-1/2" crosslay (each) SS, 2" valve, bleeder</b> Low at front of pump house as shown on the drawing Single hose lay design. Each hose lay shall have capacity for 200' x 1-3/4" preconnected hose.
30-44-1000	1	<b>1-1/2" front trash line, plumbed 2", hosewell</b> Include chrome swivel above the gravelshield on left side. Include autodrain for front discharge at low point in plumbing in addition to bleeder at pump panel.
30-51-0500	1	<b>Pump shift-Midship air</b> ***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	<b>Class One "TPG Plus" Governor/Throttle plus High Idle</b> Provide a high idle switch on the chassis dash to provide stationary high idle with the appropriate interlocks to meet ULC
30-51-7003	2	<b>Suction side relief V/V, manifold pump - for Hale MIV-E</b> For the 6" LS gated inlet and 6" RS gated inlet - therefore quantity changes to two
30-51-7003	1	<b>Price Adjustment</b>
30-51-7720	1	<b>Additional air tank for air primer system - with chassis</b> An additional air tank is provided to improve air primer capacity
30-51-7721	1	<b>Trident Automatic Air Primer 3 barrel 3 location with gauge</b> Locations. 1. Pump 2. Left pre-prime 3. Right pre-prime
30-51-8000	1	<b>Heat exchanger</b>
30-52-1000	1	Master drain V/V, 12 port
30-52-3001	1	Foam system not requested
<b>WATER AND FOAM TANKS</b>		
40-11-2100	1	Polypropylene water tank (Imperial gallons)
40-11-2200	1	Water tank capacity certification (tank manufacturer)
40-11-6500	1	<b>Tank capacity 1500 Imperial Gallons</b>
40-13-0100	1	<b>Through the tank tunnel - up to 20 cu ft</b> Ladder tunnel - ref 60-40-9001
40-21-1000	1	<b>4" tank to pump connection</b>
40-22-1000	1	<b>2-1/2" tank fill connection</b>
40-23-0500	1	<b>3/4" water level gauge connection</b>
40-23-1050	1	<b>4" Fireman's Friend connection</b>
40-23-1060	1	<b>10" Newton dump connection</b>
40-30-0500	1	<b>Sump drain valve (3" gate valve) with linkage</b>
40-30-1000	1	Water Fill Box front left corner
40-31-3600	1	<b>Newton dump - stainless steel 36" telechute</b>

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
40-31-4610	1	<i>Newton dump, side mount operation, SS</i>
40-31-5510	1	<i>Electric operator for Newton dump, side mount</i>
40-31-9010	1	<i>4" Storz rear fill, Fireman's Friend, Red Head Storz fittings</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.
		Note the special 80-99-25AA adapter when extending the piping.
		Bleeder required
		<b>ELECTRICAL</b>
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
50-11-0900	1	<i>Rocker switch panel with master warning switch</i>
		***Rocker switch assignments:
		MASTER
		-LIGHT BAR
		-REAR BEACONS
		-FLASHING WARNING
		-REAR FLOODS
		-SPARE
		-SPARE
		Locate in overhead cab console
		Also include two 3 position momentary centre off rocker switches on the cab console for the Q2B siren and siren brake - one on officer's side and one on driver's side. These switches will activate the Q2B siren in the forward position and the siren brake in the rearward position.
50-11-1470	1	<i>Whelen 295SLSC1 100 Watt / 200 Watt siren - with removable microphone</i>
50-11-1630	1	<i>Siren speaker, 200 watt, in front bumper</i>
		Locate in RS bumper wing due to future Q2B mounted on LS top of gravelshield
50-11-20AA	1	<i>Prewire and reinforce gravelshield for pedestal mount Q2B mechanical siren</i>
		Wiring to front gravelshield provided with disconnect switch and bussman fuse, two siren momentary switches are provided in the cab along with a siren brake control for future supply and install of a Q2B mechanical siren by the customer. The gravelshield is reinforced for the installation of the siren on the left side similar to M22-22235.
		Q2B siren received from customer on January 2, 2025 - Metalfab to bolt in place and attach wiring referenced above
50-11-2600	1	<i>Siren to be accessible to driver and officer</i>
50-11-5812	1	<i>Federal LPX53DS - NFPA LED light bar</i>
		Red only - all lights are enabled in both Response and Scene modes - flash pattern to change when park brake is set.
		Metalfab part # 1571015
50-11-6615	1	<i>Rear LED Traffic Advisor warning lights - TAM83 - surface mount - 30.45" long</i>
		Controller to be located in 20-31-7500 console in cab.

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
50-11-9010	1	<b>Rear beacons - Federal NVG10 LED (pr) - both red - even with top of body</b>
50-12-5028	1	<b>Front LED flashers (pr)-red Federal QL43-RR - grille mounted</b>
50-12-5118	1	<b>Rear LED flashers (pr)-red Federal QL43-RR - above tail light modules</b>
50-12-5218	1	<b>Front side inter lts (pr)-red LED Federal QL43-RR - ends of front bumper</b> Mount lights on ends of front bumper extension each side
50-12-5318	1	<b>Body side inter lts (pr)-red LED Federal QL43-RR - rear body fenders</b>
50-21-1505	1	<b>Rear floods (pr) Unity LED</b> Switched on light head, in cab and with reverse of transmission Note that these lights are also used as rear step lights and cannot be managed.
50-21-2535	2	<b>FRC telescoping SPECTRA LED 12V flood (ea)</b> Mounted on front of front end and switched on light head Can be managed to be shed Hazard switch wired to Telelight not stowed warning light in chassis cab 50-21-5570
50-21-5100	1	Compartment lighting - LED tube lights in each compartment (rollup doors)
50-21-5500	1	<b>Door Ajar warning light</b> Located in cab console over drivers seating position Bilingual warning label in cab to read: "Do Not Move Apparatus when Light is on"
50-21-5550	1	<b>Equipment rack not stowed warning light</b> Warning label in cab to read: "Do Not Move Apparatus when Light is on"
50-21-5570	1	<b>Telelight not stowed warning light in cab</b> Located in cab console over drivers seating position Bilingual warning label in cab to read: "Do Not Move Apparatus when Light is on"
50-21-8001	1	<b>Step lights for body steps - 4" LED</b> Activated when park brake is set.
50-21-8201	1	<b>Step lights for chassis steps - LED</b> Activated when park brake is set.
50-21-8600	1	LED clearance lts and reflectors
50-21-8800	1	<b>LED intermediate turn signal/clearance/reflector length &gt;30'</b>
50-22-0700	1	<b>Whelen 64 LED tail/brake-turn-backup module (pr)</b>
50-31-6550	1	<b>Ground lighting (LED Lumabar) - 2 door chassis</b> Activated when park brake is set.
50-31-6570	1	<b>Ground lighting (LED Lumabar) - side mount body</b> Activated when park brake is set.
50-35-0500	1	<b>Installation of customer supplied mobile radio</b> Radio information list required to be filled in at the Pre-construction meeting
50-35-0600	2	<b>Antenna base only with weather cap wired to console 20-31-7500</b> <b>BODY</b>
60-10-1400	1	Single axle extruded aluminum body

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
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
<b>60-11-0300</b>	<b>1</b>	<b>Front left side compartments full height</b>
<b>60-11-0600</b>	<b>1</b>	<b>Front right side compartments intermediate height</b>
<b>60-11-1000</b>	<b>1</b>	<b>Rear left side compartments full height</b>
<b>60-11-1300</b>	<b>1</b>	<b>Rear right side compartments intermediate height</b>
<b>60-11-1900</b>	<b>1</b>	<b>Low side compartment (up to 18") each</b>
<b>60-11-2000</b>	<b>1</b>	<b>High side compartment (over 18") each</b>
<b>60-11-3200</b>	<b>1</b>	<b>Full Height Rear compartment</b> Includes the following: Ladder tunnel (60-41-9001) Dump valve (40-31-3600) Direct fill (40-31-9010) The bottom of the compartment is to be sized for a customer floating pump measuring 31" x 31" x 21" high. The compartment will be deeper than standard requiring the truck to be 6" longer. The rear wall of the compartment can be notched for the float of the pump.
<b>60-11-4500</b>	<b>1</b>	<b>Flush mount aluminum door - single with "D" handle</b> Flip up door with gas struts
<b>60-11-5500</b>	<b>1</b>	<b>Rollup door - standard height</b> Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
<b>60-11-5510</b>	<b>1</b>	<b>Rollup door - intermediate height</b> Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
<b>60-11-5510</b>	<b>1</b>	<b>Rollup door - intermediate height</b> Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
<b>60-11-5520</b>	<b>3</b>	<b>Rollup door - full height</b> Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
<b>60-11-5654</b>	<b>1</b>	<b>Amdor pull strap not requested</b>
<b>60-11-5654</b>	<b>1</b>	<b>Amdor pull strap not requested</b>
<b>60-11-5655</b>	<b>1</b>	<b>Amdor pull straps - Flex - HD (for door opening 20"-37")</b>
<b>60-11-5660</b>	<b>3</b>	<b>Amdor pull straps - Flex - HD (for door opening 49"-70")</b>
60-31-4100	1	Extruded aluminum handrails Minimum 2" clearance from handrail to any surface
<b>60-31-5500</b>	<b>1</b>	<b>Steps at rear of body (folding)</b> Maximum height between steps is 18" Step lights activated when park brake is set.
<b>60-31-5600</b>	<b>1</b>	<b>Steps and grab handles at front of body next to pump panel</b> Maximum height between steps is 18"

PART NO	QTY	DESCRIPTION
		Step lights activated when park brake is set.
60-31-5800	1	<b>Intermediate step over rear compartment</b> There will be LED bullet lights to illuminate the step surface activated when park brake is set. There will be reflective Delineation markings to meet NFPA
60-31-6500	1	Compartment matting - black plastic interlocking tile
60-31-7900	1	<b>Vertical unistrut tracking in all compartments L1, L2, L3, R1, &amp; R3</b> There won't be any unistrut in the B1 or the R2 compartments due to the minimal useable space available
60-31-8006	4	<b>BA bottle compt (ea)-fender well</b> Retaining loops included Customer to specify make and model of cylinder to be stored (at the Pre-Construction meeting) Make - _____ Model - _____ Diameter of cylinder - _____ Overall length of cylinder - _____
60-31-8650	4	<b>Sliding tray (ea) - 500 pound capacity with lock-in, lock-out sliding hardware</b> White reflective stripe is applied on the exposed edge for visibility when the compartment door is open Customer to verify locations of trays at the Pre-construction meeting: Tray #1 - Left side front compartment (L1) at floor level Tray #2 - Left side rear compartment (L3) at floor level Tray #3 - Right side front compartment (R1) at floor level Tray #4 - Right side rear compartment (R3) at floor level
60-31-9600	6	<b>Adjustable shelf (ea)</b> White reflective stripe is applied on the exposed edge for visibility when the compartment door is open Customer to verify locations of shelves and depths at the Pre-construction meeting: Shelf #1 - Left side front (L1) - shallow depth Shelf #2 - Left side front (L1) - shallow depth Shelf #3 - Left side rear (L3) - shallow depth Shelf #4 - Left side rear (L3) - full depth Shelf #5 - Right side front (R1) - shallow depth Shelf #6 - Right side rear (R3) - full depth
60-32-3560	1	<b>Three hose dividers - Two (2) adjustable and one (1) fixed</b> Hand hold required in end
60-32-7500	1	Hose bed - aluminum
60-33-0000	1	<b>Paint exterior - Imron Elite</b> *** Paint code and color red to match cab color.
60-33-0200	1	Undercoat vehicle with KROWN rust protection
60-33-0600	1	<b>Chassis wheels not painted</b>
60-33-1000	1	Paint pump and plumbing job colour
60-33-1600	1	<b>Special paint compartment interior - gray zolatone</b> The compartment interiors are finished with a gray textured paint for chip

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
		resistance. Shelves, trays, unistruts and hardware are left natural aluminum.
<b>60-33-2200</b>	<b>1</b>	<b>Lettering - 80 letters up to 3" tall - 3 colour</b> Lettering layout drawing approved October 24
<b>60-33-3000</b>	<b>1</b>	<b>Reflective stripe - 4" white</b> 50% of perimeter each side and 25% of perimeter front. 3M Scotchlite material Striping layout drawing approved October 24
<b>60-33-3310</b>	<b>1</b>	<b>Reflective stripe - red and yellow chevron at rear</b> Minimum 50% of rear vertical surface Printed 3M Scotchlite material
<b>60-33-3600</b>	<b>1</b>	<b>Reflective stripe - inside entry doors</b> 96 square inches minimum inside each cab entry door
<b>60-33-4600</b>	<b>1</b>	Aluminum cover over crosslays - with end tarps (black)
<b>60-33-5000</b>	<b>1</b>	<b>Aluminum cover over hose bed with end tarps - black</b>
<b>60-40-5500</b>	<b>2</b>	<b>Suction hose tube (each) with door</b> 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).
<b>60-40-8500</b>	<b>1</b>	<b>Tail light box Fire Extinguisher tubes (pr)</b> 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 4" LED lights installed on the inside portion to illuminate the rear step. Lights activated with the application of the park brake
<b>60-40-9001</b>	<b>1</b>	<b>Tube mount for ladders, through tank</b> For ladders 24' 2-section (80-14-0500), 14' roof (80-14-5500) and 10' attic (80-14-8500) as well as pike pole tubes 60-41-1000.
<b>60-41-1000</b>	<b>2</b>	<b>Pike Pole tube integral with tube 60-40-9001</b> For storage of pike poles 80-13-2500 and 80-13-2510.
<b>60-41-6001</b>	<b>1</b>	<b>Zico hydraulic portable tank rack</b> To be wired so only operable when park brake is engaged. Flashing lights and reflective tape required at front and rear to indicate any areas that protrude beyond the body.
<b>60-41-6010</b>	<b>1</b>	<b>ZICO PTS switched at rear above tail light</b> Switch is located on same side as electric rack
<b>60-41-6110</b>	<b>1</b>	<b>Painted plate on exterior of Zico PTS</b>
<b>60-41-7100</b>	<b>1</b>	<b>Tread plate on body behind porta tank rack</b>
<b>INSTRUMENTATION</b>		
<b>70-11-0000</b>	<b>1</b>	<b>Warning Label on Pump Operator's Panel</b>
<b>70-11-0500</b>	<b>1</b>	Side mount instrument panel No gauge or visual display can be higher than 84" above the operator's standing position Midpoint of any control cannot be higher than 72" above the operator's standing position

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
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
70-11-3200	1	Colour coded tags
70-11-4100	1	Stainless steel side panel hood left side
<b>70-11-4506</b>	<b>1</b>	<b><i>Diamondback grip type panel hood step right side w/LED lights</i></b> <b>Includes Delineation reflective markings to meet NFPA</b>
<b>70-11-5110</b>	<b>1</b>	<b><i>Open storage at rear top of pump house w/LED lighting</i></b>
70-11-5500	1	Right side tread plate pump access door <b>No opening dimension less than 18"</b>
70-11-7500	1	Heat pan-aluminum
<b>70-11-8000</b>	<b>1</b>	<b><i>Heater in pump compartment</i></b> <b>Switch for heater located on left side pump operators panel</b>
<b>70-20-1120</b>	<b>2</b>	<b><i>4-1/2" compound gauge - dual face 0-400 Thuemling brand</i></b> Install on LS pump panel
<b>70-20-2130</b>	<b>9</b>	<b><i>2-1/2" pressure gauge - dual face 0-400 - Thuemling brand</i></b>
<b>70-20-2500</b>	<b>1</b>	<b><i>Primer control</i></b>
<b>70-20-2501</b>	<b>2</b>	<b><i>Additional Primer control</i></b>
<b>70-20-3100</b>	<b>1</b>	<b><i>Class One Governor Control</i></b> 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
<b>70-20-3611</b>	<b>1</b>	<b><i>Remote PSTANK2 water level indicators each side, rear with driver - black bezel</i></b> <b>All to be installed vertically</b>
70-20-6500	1	Test gauge panel
<b>70-20-7500</b>	<b>1</b>	<b><i>Heat exchanger control valve</i></b>
<b>ACCESSORIES</b>		
<b>80-11-5000</b>	<b>2</b>	<b><i>6" x 10' lightweight suction hose (ea)</i></b> Tube mounted
<b>80-12-2500</b>	<b>1</b>	<b><i>6" barrel strainer</i></b> Mounted with bracket (80-12-2510)
<b>80-12-2510</b>	<b>1</b>	<b><i>6" barrel strainer mount - Kochek MM601</i></b> Ship loose with mounting fasteners.
<b>80-12-4502</b>	<b>1</b>	<b><i>6" low level strainer with 1-1/2" venturi connection - TFT A03HNXJET</i></b> Shipped loose
<b>80-13-0500</b>	<b>1</b>	<b><i>Rubber mallet</i></b> To be mounted with bracket (80-13-0510)
<b>80-13-0510</b>	<b>1</b>	<b><i>PAC Toolok bracket 1003-HD-Y for mounting rubber mallet</i></b> Ship loose with mounting fasteners.
<b>80-13-1200</b>	<b>3</b>	<b><i>Clare hose wrenches (double) with holder</i></b> Ship loose with mounting fasteners.

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
<b>80-13-1500</b>	<b>1</b>	<b>Bar with bracket</b> Shipped loose due to special depth rear compartment floor
<b>80-13-2500</b>	<b>1</b>	<b>Pike pole, fibreglass handle - 10' long</b> Tube mounted
<b>80-13-2510</b>	<b>1</b>	<b>Pike pole, fibreglass handle - 6' long</b> Tube mounted
<b>80-13-4000</b>	<b>1</b>	<b>Axe, pick head, fibreglass handle and bracket</b> Customer to specify mounting location, otherwise will be shipped loose with mounting fasteners.
<b>80-13-4500</b>	<b>1</b>	<b>Axe, flat head, fibreglass handle and bracket</b> Customer to specify mounting location, otherwise will be shipped loose with mounting fasteners.
<b>80-14-0500</b>	<b>1</b>	<b>24' 2 section extension ladder PEL 24</b> Tube mounted
<b>80-14-5500</b>	<b>1</b>	<b>14' aluminum roof ladder PRL-14</b> Tube mounted
<b>80-14-8500</b>	<b>1</b>	<b>10' aluminum folding attic ladder FL-10</b> Tube mounted
<b>80-14-9100</b>	<b>1</b>	<b>Air chuck with 25' of 3/8" hose - shipped loose with apparatus</b> Shipped loose
<b>80-15-0500</b>	<b>1</b>	<b>1500 l gallon portable tank - Husky</b>
<b>80-16-1500</b>	<b>1</b>	<b>Akron 2581 gated wye</b> Shipped loose 2-1/2" Red Head Storz adapter to Customer thread is required
<b>80-17-0500</b>	<b>1</b>	<b>20# dry chemical fire extinguisher</b> Mounted in extinguisher box (60-40-8500)
<b>80-17-1000</b>	<b>1</b>	<b>15# CO2 fire extinguisher</b> Mounted in extinguisher box (60-40-8500)
<b>80-17-1500</b>	<b>1</b>	<b>2 gallon water extinguisher with mount</b> Ship loose with mounting fasteners
<b>80-18-0500</b>	<b>4</b>	<b>SCBA bracket with strap - compt mount</b> Mount in left side compartment above rear wheels, evenly spaced
<b>80-19-0550</b>	<b>2</b>	<b>Large rubber wheel chock (ea) - shipped loose, not mounted</b> Urethane, sized to meet ULC/NFPA, yellow in colour Ship loose
<b>80-99-25AA</b>	<b>1</b>	<b>4" Storz x 2-1/2" Storz with 2-1/2" Storz cap in place of 4" Storz cap</b> For the 40-31-9010 rear fill

