



Shop Order

The Municipality of Spaniard's Bay  
 PO Box 190  
 Spaniard's Bay, NL A0A 3X0

ERL  
 Norman Knabb  
 St. John's, NL

<b>Sales Rep:</b> Ryan Stacey, CET Metalfab LTD	<b>Terms:</b> Chassis, Body, & Equipment COD
<b>Drawing #:</b> FT-11663	
<b>Est. Delivery Date:</b> / /	
<b>Customer PO #:</b>	<b>Penalty:</b>
<b>Customer #:</b>	\$200.00 per day after 12 months from receipt of chassis
<b>QPF #:</b>	

**Exp. Date:** 07/08/2023  
**Quote No:** NLFES-NL-0113  
**Job/Order No:** 23044  
**BODY:** 00-10-15 Metalfab Pumper - ULC 05/13

03/12/2025

PART NO	QTY	DESCRIPTION
<b>== Metalfab Pumper - ULC 05/13 - 0.000 ==</b>		
<b>Change Order F</b>		
00-05-0030	1	<b>Dealer - Emergency Repair Ltd</b>
00-10-1500	1	<b>Metalfab Pumper</b>
00-20-0500	1	<b>List of References not provided</b>
00-20-1000	1	Company Profile
00-20-1500	1	Standard Body Warranty
00-20-1550	1	<b>Metalfab Limited Ten (10) Year Paint and Corrosion Warranty</b> Pro rated against manufacturer's defects and corrosion perforation. Requires annual application of KROWN.
00-20-15AA	1	<b>20 year body structural warranty</b> Non pro rated against manufacturer's defects and corrosion perforation. Requires annual application of KROWN.
00-20-15BB	1	<b>10 year stainless steel plumbing warranty</b> Non pro rated against manufacturer's defects and corrosion perforation of stainless steel piping. Requires annual application of KROWN.
00-20-1600	1	<b>Waterous Pump Warranty - 5 years</b>
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

PART NO	QTY	DESCRIPTION
00-20-4500	1	Fire Apparatus Manufacturers' Association Membership
		<b>GENERAL INFORMATION</b>
10-11-0000	1	Intent
10-11-0105	1	Vehicle Data Recorder not requested
10-11-1100	1	ULC S515-13 Compliance
10-11-1500	1	ULC Testing - Pumper - Imperial units of measure
10-11-2100	1	Maximum length not specified
<b>10-11-2200</b>	<b>1</b>	<b>Maximum height not specified</b> <b>Maximum height 144"</b>
<b>10-11-2300</b>	<b>1</b>	<b>Overall length exceeds 30'</b>
10-11-2500	1	General Construction
10-11-3000	1	Manuals - two copies ***Two copies of chassis manuals are required.
<b>10-11-3600</b>	<b>1</b>	<b>Delivery - FOB Fire Department</b> <b>Delivery no later than 12 months after receipt of chassis - \$200.00 per day after 12 months</b> <b>inform town when chassis arrives</b> <b>Current expected receipt of chassis is May 16, 2023 based on a current build date of March 22, 2023. Serial number is VP0894.</b>
<b>10-11-4200</b>	<b>1</b>	<b>Payment Terms - Chassis and Body COD</b>
<b>10-20-1400</b>	<b>1</b>	<b>Hose capacity exceeding ULC/NFPA requirements</b> <b>Requested hose bed capacity:</b> <b>600' x 4" hi vol</b> <b>800' x 2-1/2" standard double jacket hose</b> <b>600' x 1-1/2" standard double jacket hose including crosslays</b> <b>Additional weight allowance of 594 pounds</b>
10-20-2000	1	Equipment carrying capacity - standard ULC Pumper
		<b>CHASSIS INFORMATION</b>
<b>20-11-1010</b>	<b>1</b>	<b>Chassis supplied by Metalfab</b> <b>Freightliner M2 106 PLUS 4-door cab</b> <b>41,600 lb GVWR 14,000 lb front axle 27,000 lb rear axle</b> <b>Cummins B 6.7 360 hp @2600 rpm 2600 governed rpm 800 lb/ft torque @ 1800 rpm</b> <b>248" wheelbase 135.24" cab to axle</b> <b>Allison 3000 EVS 6 speed automatic transmission, 275 amp alternator</b> <b>189 litre fuel tank, LH</b> <b>Fixed steering column</b> <b>ESC</b> <b>L3240EY red</b> <b>Driveline 17T</b> <b>5 person cab</b> <b>Air conditioner</b> <b>Paint color approved by Customer - L3240EY red - November 23-23</b> <b>Wheels are N0006 EB Powder White</b> <b>Metalfab will install a switch on the chassis dash to control high idle through the Pump Governor with the appropriate interlocks</b>
20-11-1500	1	2013 Emission chassis modifications
<b>20-11-1700</b>	<b>1</b>	<b>Chassis Motor Vehicle Inspection required - NB</b>

PART NO	QTY	DESCRIPTION
20-21-0500	1	Fluid capacity plate
20-21-0600	1	Pumping test plate
<b>20-21-1030</b>	<b>1</b>	<b>Maximum riders sign - 5 persons</b>
<b>20-21-1510</b>	<b>1</b>	<b>Seat belt warning labels - 4 door chassis</b>
<b>20-21-1560</b>	<b>1</b>	<b>Price Adjustment</b>
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
<b>20-21-3810</b>	<b>1</b>	<b>Front mudflaps provided with chassis</b>
20-21-4000	1	Rear mudflaps - Metalfab Logo
20-31-0200	1	Fuel fill label -Ultra Low Sulfur Diesel only
<b>20-31-1100</b>	<b>1</b>	<b>Alum tread fuel tank covers, diamond grip steps, Conv - 4 dr</b>
20-31-1900	1	Chassis cab not painted
<b>20-31-4700</b>	<b>1</b>	<b>Extend front bumper, gravshld with hosewell, cover, and lift and turn latch</b> Metalfab will extend the front bumper 18", will include a trashline compartment with raised cover, notched cover for pre-connect and lift/turn latch. The trashline capacity will be 100' of 1.75" hose, chrome plated pre-connect swivel on top of the bumper and plastic interlocking tile on the bottom. There will be auto drain(s) installed on the low points of the plumbing. Install a flush mount light in the hosewell to illuminate the hose bed, on with the park brake.
<b>20-31-6000</b>	<b>1</b>	<b>Stainless steel wheel covers - single axle</b>
20-31-7510	1	Console in cab not requested
20-41-0600	1	Intake air shutoff for engine not required
<b>20-41-0900</b>	<b>1</b>	<b>Auxiliary braking system disabled when pumping</b>
20-41-1100	1	Transmission programming - Allison WT ***Includes "Pump Engaged" light next to pump shift on chassis instrument panel.
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.
20-41-1900	1	Battery boost terminals with chassis Included 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
20-41-5000	1	Rear Tow Hooks - under body *** Flat bar tow hooks under rear step (2)
<b>20-41-5500</b>	<b>1</b>	<b>ON SPOT Automatic traction chains</b> Install switch with guard on chassis dash to right of driver, location confirmed at

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
		precon.
<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>
<b>20-51-3100</b>	<b>1</b>	<b>Air inlet not required</b>
20-51-3400	1	Protection valve installed for air operated accessories
<b>20-51-6200</b>	<b>2</b>	<b>Price Adjustment</b>
<b>20-51-6200</b>	<b>3</b>	<b>120 volt 20 A shore line connection in chassis cab, body</b> Standard 5-20R duplex receptacle in chassis cab, not fused Two in chassis cab - one behind rear seat for battery conditioner, one on the cab electrical box. One in the left side front compartment in the upper front corner in the shallow section.
<b>20-51-6600</b>	<b>1</b>	<b>Kussmaul Pump Plus conditioner/compressor</b> Locate the battery conditioner behind the driver's seat Locate the 12 volt compressor in the body pump house with protective shield
<b>20-51-7101</b>	<b>1</b>	<b>Electric System Management through VMUX control</b>
<b>20-51-7500</b>	<b>1</b>	<b>Super Auto eject for 120 v - 20 A with sealed enclosure</b> Located on LS pump panel as shown on drawing, confirmed at precon.
<b>20-51-8505</b>	<b>1</b>	<b>Engine compartment light included with chassis</b> Single LED controlled by a switch in the cab and by a hood switch, confirmed acceptable at precon.
<b>20-51-9001</b>	<b>1</b>	<b>Air horns provided with chassis</b> ***Controlled by foot switches at driver and officer positions
<b>20-52-3500</b>	<b>1</b>	<b>Chassis steering wheel lined up by Metalfab</b> Lined up when vehicle is loaded to ULC standard
<b>20-52-4000</b>	<b>1</b>	<b>Rear View Camera system</b> Rearview Systems STM5600 with 5.6" colour monitor in cab Add the Freightliner 1U1-RAM mount on dash for the monitor Mount the camera on the rear of the vehicle above the rear door
20-60-0400	1	Chassis wheelbase does not change
<b>20-99-05AA</b>	<b>1</b>	<b>Deflector Shield for Exhaust</b> A deflector shield shall be installed where the tail pipe is routed under any side compartmentation.
<b>PUMP AND PLUMBING</b>		
<b>30-12-4000</b>	<b>1</b>	<b>Mechanical seals for Waterous pumps</b>
<b>30-12-5500</b>	<b>1</b>	<b>Waterous CS single stage 1050 IGPM</b>
<b>30-15-0203</b>	<b>1</b>	<b>Plumbing - Waterous manifold pump SM</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> Thread confirmed at precon
<b>30-20-1800</b>	<b>1</b>	<b>2-1/2" thread specifications 3.25 x 5V</b> Thread confirmed at precon

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
30-20-2000	1	Piping hydrostatic test
<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>30-21-5560</b>	<b>1</b>	<b>Tank to Pump 3" w/check valve manifold pump</b>
<b>30-22-0620</b>	<b>1</b>	<b>Tank Fill valve 2"</b>
<b>30-31-4010</b>	<b>1</b>	<b>Suction - 6" not gated each side manifold pump</b>
<b>30-32-7645</b>	<b>1</b>	<b>Suction - 2-1/2" left side, bleeder, Waterous manifold pump</b>
<b>30-32-8145</b>	<b>1</b>	<b>Suction - 2-1/2" right side, bleeder, Waterous manifold pump</b>
<b>30-41-2105</b>	<b>1</b>	<b>2-1/2" RS discharge, bleeder, Waterous manifold pump</b>
<b>30-41-2625</b>	<b>2</b>	<b>2-1/2" LS discharge, bleeder, Waterous manifold pump</b>
<b>30-43-2520</b>	<b>1</b>	<b>2-1/2" rear discharge, plumbed 2-1/2", bleeder</b> Left side
<b>30-44-0570</b>	<b>2</b>	<b>1-1/2" crosslay (each), 2" valve, bleeder</b> Interlocking plastic tile in crosslay floor Capacity 200' x 1-3/4" hose in each crosslay
<b>30-44-1020</b>	<b>1</b>	<b>1-1/2" front trash line SS, plumbed 2", hosewell, foam capable</b> Trashline plumbing, plumbed 2" and foam capable - left side of the bumper
<b>30-44-6620</b>	<b>1</b>	<b>Piping for monitor, plumbed 3", bleeder</b> Maximum height with monitor installed - 144" confirmed at precon To rotate 360 degrees Make and Model of Monitor - 80-99-05AA Elkhart Vulcan 8500-02 with 3" female NPT inlet Provided with an 80-99-25AA 18" manual telescoping waterway
<b>30-51-0510</b>	<b>1</b>	<b>Pump shift - Midship air</b> ***Includes "Pump Engaged" and "OK to Pump" indicator lights on chassis instrument panel ***Includes "Throttle Ready" indicator light on Pump operating panel Mount to right of driver under cup holder
30-51-0700	1	Pump Gearbox mounted manual over ride for pump shift
<b>30-51-6640</b>	<b>1</b>	<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
<b>30-51-7000</b>	<b>1</b>	<b>Suction side relief V/V, manifold pump</b> Mount behind the RS pump panel with access door to allow adjustment
<b>30-51-7500</b>	<b>1</b>	<b>Primer electric vane type 12V with oil tank Waterous</b> Indicator light on panel to show when primer is operating
<b>30-51-8000</b>	<b>1</b>	<b>Heat exchanger</b> Metalfab supplied and installed, not available with this chassis
30-52-1000	1	Master drain V/V, 12 port
<b>30-52-2000</b>	<b>1</b>	<b>Drain valve for foam system header</b>

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
<b>30-52-5515</b>	<b>1</b>	<b>Foam system-Hypro FoamPro 2001 Single Tank</b> Foam system is plumbed to crosslays, front trashline, and rear 2-1/2" discharges
<b>30-52-9100</b>	<b>1</b>	<b>Foam concentrate label at foam tank fill</b>
<b>30-52-9200</b>	<b>1</b>	<b>Foam System Instruction Plates</b>
<b>30-52-9400</b>	<b>1</b>	<b>NFPA Foam System certification test</b>
<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)
40-11-5000	1	Tank capacity 1000 Imperial Gallons
<b>40-12-5000</b>	<b>1</b>	<b>Foam cell - 30 Imperial gallon</b> The low level foam light comes on when there is 10% of the foam capacity left in the foam cell
<b>40-21-0500</b>	<b>1</b>	<b>3" tank to pump connection</b>
<b>40-22-0500</b>	<b>1</b>	<b>2" tank fill connection</b>
40-23-0500	1	1" water level gauge connection
<b>40-30-0500</b>	<b>1</b>	<b>Sump drain valve (3" gate valve) with linkage</b> Install control under L1 compartment
40-30-1000	1	Water Fill Box front left corner
40-31-0400	1	Rear dump valve not requested
40-31-6050	1	Rear fill not requested
<b>ELECTRICAL</b>		
<b>50-11-0300</b>	<b>1</b>	<b>Base electrical system - multiplex</b> Install an electrical box between the front seats and next to the dash for the necessary electrical components, powder coated finish. Leave a wire loop adequate to move the box away from the floor panel to access the chassis transmission. Mount a 120 volt shoreline receptacle in or on the box, 12" from floor to meet ULC requirements.
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
<b>50-11-0900</b>	<b>1</b>	<b>Rocker switch panel with master warning switch</b> Locate in overhead panel above windshield Rocker switch assignments: <b>MASTER</b> <b>-LIGHT BAR RED</b> <b>-LIGHT BAR CLEAR</b> <b>-REAR BEACONS</b> <b>-FLASHING WARNING</b> <b>-REAR FLOODS</b>
<b>50-11-1400</b>	<b>1</b>	<b>Federal PA300 100 watt siren</b> Locate in overhead panel above windshield
50-11-1620	1	Siren speaker, 100 watt, in front bumper - Federal AS124
<b>50-11-2600</b>	<b>1</b>	<b>Siren to be accessible to driver and officer</b>
<b>50-11-5812</b>	<b>1</b>	<b>Federal LPX53DS - NFPA LED light bar</b>

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
50-11-6501	1	Rear Directional Light not required
50-11-9026	1	<b>Rear beacons - Federal NVG10 LED (pr) - Red RS, Amber LS - w/ height restriction</b>
50-12-5028	1	<b>Front LED flashers (pr)-red Federal QL43XF-R</b>
50-12-5118	1	<b>Rear LED flashers (pr)-red Federal QL43XF-R</b>
50-12-5218	1	<b>Front side inter lts (pr)-red LED Federal QL43XF-R</b>
50-12-5318	1	<b>Body side inter lts (pr)-red LED Federal QL43XF-R</b>
50-21-1505	1	<b>Unity LED rear floods (pr)</b> Switched in cab, on the light, and when vehicle is in reverse This light cannot be load managed, required for ULC compliance
50-21-25AA	2	<b>FRC telescoping SPECTRA LED 12V flood (ea)</b> FRC SPA530-Q20-SW-ON-NS-SR Switched on light head Wired to Door Ajar warning light when not stowed Mount on front corners of pump house This light can be load managed
50-21-3010	2	<b>Remote control electric spot (ea) Nightspire</b> Mount on chassis roof, one each side; will require the light bar to be raised as necessary Wireless control, store controls on the RS passenger dash This light can be load managed
50-21-5100	1	Compartment lighting - LED tube lights in each compartment (rollup doors)
50-21-5600	1	<b>Door Ajar warning light with buzzer</b> 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> Lights on when park brake is set
50-21-8200	1	<b>Step lights for chassis steps - LED marker type</b> Lights on when park brake is set
50-21-8600	1	LED clearance lts and reflectors
50-21-8605	1	<b>Polished aluminum license plate holder on rear of body, with LED light</b>
50-22-0700	1	Whelan 64 LED tail/brake-turn-backup module (pr)
50-22-07AA	1	<b>Auxiliary stop/turn signals on rear rub rail</b> Required due to beavertails blocking tail lights
50-31-1700	1	<b>3000 Watt Power Inverter - 12 VDC to 120 VAC - Cobra Pro</b> Install on front wall of L1 compartment (as close as possible to chassis batteries)
50-31-6610	1	<b>Ground lighting (4" LED) - 4 door chassis</b>
50-31-6620	1	<b>Ground lighting (4" LED) - side mount body</b> Lights on when park brake is set
50-31-7000	1	<b>Work light for crosslay hose beds</b> LED lumabar on front of body to illuminate hose bed Lights on when park brake is set
50-35-0560	1	<b>VHF antenna with base - commercial chassis</b> Wire to centre of dash with a free 3' loop for customer use

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
<b>50-35-0590</b>	<b>1</b>	<b>Cellular/TMR antenna with base - commercial chassis</b> Wire to centre of dash with a free 3' loop for customer use
<b>50-35-05AA</b>	<b>1</b>	<b>Customer supplied radio</b> Customer supplied the following: 1 - Kenwood NX 5700 2 - KCT-71 2 - KMC-65 2 - KRK-14H 1 - KRK-15B 1 - KCH-19  Mounting details to come, otherwise ship loose. No wiring necessary.
<b>51-31-2500</b>	<b>1</b>	<b>5000 watt portable generator, electric start, includes on board battery</b> Located in LS rear compartment Honda EM5000S3CT2 model is current part number, confirmed OK at precon.
<b>51-31-3000</b>	<b>1</b>	<b>120 volt wiring for portable generator</b> Note that Neutral is bonded to chassis ground. 1 - twist lock L5-20 amp each side forward rear fender well Install panel in driver's side front compartment (L1)
<b>51-31-4500</b>	<b>1</b>	<b>Dielectric strength test for line voltage system</b> BODY
<b>60-10-1400</b>	<b>1</b>	<b>Single axle extruded aluminum body</b> 1" lip on comp bottom
<b>60-10-4000</b>	<b>1</b>	<b>Tapered "beavertail" rear step supports</b> Upper section full depth of hose bed to be lined with stainless steel where couplings can contact
<b>60-10-4600</b>	<b>1</b>	Painted fender surround
<b>60-10-4770</b>	<b>1</b>	<b>Removable stainless steel fender trim - single axle</b> Include rubber gasket between body and fender
<b>60-10-5400</b>	<b>1</b>	Diamondback pumphouse steps
<b>60-10-5430</b>	<b>1</b>	<b>Diamondback 19" rear step</b> Confirmed OK at precon Deeper step required to allow configuration of steps to clear the equipment tubes
<b>60-10-6500</b>	<b>1</b>	<b>Bolt on extruded aluminum rub rail</b>
<b>60-11-0300</b>	<b>1</b>	<b>Front left side compartments full height - L1</b>
<b>60-11-0700</b>	<b>1</b>	<b>Front right side compartments full height - R1</b>
<b>60-11-1000</b>	<b>1</b>	<b>Rear left side compartments full height - L3</b> Lower portion includes a through section into the back compartment This compartment has a tread plate floor, confirmed at precon
<b>60-11-1400</b>	<b>1</b>	<b>Rear right side compartments full height - R3</b> Lower portion includes a through section into the back compartment
<b>60-11-2000</b>	<b>2</b>	<b>High side compartment (over 18") each - L2, R2</b>
<b>60-11-3200</b>	<b>1</b>	<b>Full Height Rear compartment - B1</b> Includes through sections into rear side compartments

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
<b>60-11-5500</b>	<b>2</b>	<b>Rollup door - standard height - L2, R2</b> Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
<b>60-11-5520</b>	<b>5</b>	<b>Rollup door - full height - L1, L3, R1, R3, B1</b> Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
<b>60-11-5655</b>	<b>2</b>	<b>Amdor pull straps - Flex - HD (for door opening 20"-37")</b>
<b>60-11-5660</b>	<b>5</b>	<b>Amdor pull straps - Flex - HD (for door opening 49"-70")</b>
<b>60-31-4100</b>	<b>1</b>	<b>Extruded aluminum handrails</b> Minimum 2" clearance from handrail to any surface
60-31-5500	1	Steps at rear of body (folding) Maximum height between steps is 18"
60-31-5600	1	Steps and grab handles at front of body next to pump panel Maximum height between steps is 18"
60-31-6500	1	Compartment matting - black plastic interlocking tile
<b>60-31-8000</b>	<b>4</b>	<b>BA bottle compt (ea)-fender well</b> Include loop for valve on cylinder Customer to provide length and diameter of cylinder _____, also a photo of the valve to ensure the loop will fit
<b>60-31-8650</b>	<b>1</b>	<b>Sliding tray (ea) - 500 pound capacity with lock-in, lock-out sliding hardware</b> Locate in L3 compartment for portable generator Reflective tape provided on all edges visible when tray is deployed and when compartment door is open
<b>60-31-9600</b>	<b>14</b>	<b>Adjustable shelf (ea)</b> Reflective stripe is applied on the exposed edge for visibility when the compartment door is open L1 - 2 shallow shelves L2 - 2 full depth shelves L3 - 2 shallow shelves R1 - 2 shallow shelves R2 - 2 full depth shelves R3 - 2 shallow shelves B1 - 2 full depth shelves
<b>60-32-3550</b>	<b>1</b>	<b>Two adjustable hose divider (each)</b> Hand hold required in end
<b>60-32-7500</b>	<b>1</b>	<b>Hose bed - aluminum</b> 600' x 4" 800' 2-1/2" 600 1-1/2"
<b>60-33-0000</b>	<b>1</b>	<b>Paint exterior - Imron Elite</b> *** Paint code and colour to match chassis cab

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
60-33-0200	1	Undercoat vehicle with KROWN rust protection
<b>60-33-0600</b>	<b>1</b>	<b>Chassis wheels not painted</b>
60-33-1000	1	Paint pump and plumbing job colour
60-33-1500	1	Buffed finish compartment interior
<b>60-33-2100</b>	<b>1</b>	<b>Lettering per customer approval</b> Lettering to be provided per drawings approve February 18, 2025
<b>60-33-3000</b>	<b>1</b>	<b>Reflective stripe - 4" white</b> <b>50% of perimeter each side, 25% of perimeter front</b> <b>Striping layout drawing approved by customer November 12</b>
60-33-3310	1	Reflective stripe - red and yellow chevron at rear 50% of perimeter each side and rear, 25% of perimeter front
<b>60-33-3500</b>	<b>1</b>	<b>Tarp over hose bed - black</b> <b>Tarp with weighted front, velcro straps at rear, quarter turns on each corner, and velcro strips along each side</b> <b>Configuration approved at precon</b>
<b>60-33-3600</b>	<b>1</b>	<b>Reflective stripe - inside entry doors</b> <b>96 square inches minimum inside each cab and crew cab entry door</b>
<b>60-33-4000</b>	<b>1</b>	<b>Tarp over crosslays - black</b>
<b>60-40-5500</b>	<b>2</b>	<b>Suction hose tube (each) with door</b> <b>Wired to door ajar warning light</b>
<b>60-40-9000</b>	<b>2</b>	<b>Tube mount for ladders, with rear door</b> <b>Door wired to door ajar warning light</b> <b>Roof ladder, attic ladder, and pike poles stored in LS tube</b> <b>Extension ladder stored in RS tube</b>
<b>60-41-1000</b>	<b>2</b>	<b>Pike Pole tube</b> <b>Integral with one of the ladder tubes</b>
<b>60-41-1500</b>	<b>1</b>	<b>Attic ladder tube</b> <b>Integral with one of the ladder tubes</b>
<b>INSTRUMENTATION</b>		
70-11-0000	1	Warning Label on Pump Operator's Panel
70-11-0500	1	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
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
<b>70-11-4102</b>	<b>1</b>	<b>Stainless steel side panel hood left side</b> <b>Panel lights controlled by park brake, confirmed OK at precon</b>
<b>70-11-4506</b>	<b>1</b>	<b>Diamondback grip type panel hood step right side</b>
70-11-5000	1	Standard cover over rear top of pump house - no storage

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
70-11-5500	1	Right side tread plate pump access door No opening dimension less than 18" Slot required for Primer level viewing
70-11-7500	1	Heat pan-aluminum
<b>70-11-8000</b>	<b>1</b>	<b>Heater in pump compartment</b>
<b>70-20-1120</b>	<b>2</b>	<b>4-1/2" compound gauge - dual face 0-400 Thuemling brand</b>
<b>70-20-2130</b>	<b>7</b>	<b>2-1/2" pressure gauge - dual face 0-400 - Thuemling brand</b>
<b>70-20-2500</b>	<b>1</b>	<b>Primer control</b>
<b>70-20-3100</b>	<b>1</b>	<b>Class One Governor Control</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
70-20-6500	1	Test gauge panel Mount below the compound gauges for proper draining
70-20-7500	1	Heat exchanger control valve
<b>70-21-1600</b>	<b>1</b>	<b>Electric Foam Level gauge not required</b>
<b>70-21-5500</b>	<b>1</b>	<b>Panel readout for Battery Conditioner</b>
<b>71-21-4000</b>	<b>1</b>	<b>Microphone compartment, prewire to cab</b> This compartment is 7" x 6" x 4" deep. Customer to specify if microphone and cable will not fit in this space Install customer supplied microphone and speaker on the pump panel and wire to cab behind dash.
<b>ACCESSORIES</b>		
<b>80-11-5000</b>	<b>2</b>	<b>6" x 10' lightweight suction hose (ea)</b> Tube mounted
<b>80-12-2500</b>	<b>1</b>	<b>6" barrel strainer</b> Ship loose
<b>80-13-0500</b>	<b>1</b>	<b>Rubber mallet</b> Ship loose
<b>80-13-1100</b>	<b>2</b>	<b>Hose wrenches (triple) with holder</b> Ship loose
<b>80-13-1500</b>	<b>1</b>	<b>Bar with bracket</b> Mount above rear step
<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>80-13-3500</b>	<b>1</b>	<b>Axe, pick head, wooden handle and bracket</b> Ship loose
<b>80-13-3600</b>	<b>1</b>	<b>Axe, flat head, wooden handle and bracket</b> Ship loose

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
80-14-0500	1	24' 2 section extension ladder PEL 24 Tube mounted
80-14-5500	1	14' aluminum roof ladder PRL-14 Tube mounted
80-14-8500	1	10' aluminum folding attic ladder FL-10 Tube mounted
80-15-7000	1	Piston Intake Relief Valve 6" NHF x 4" Storz with cap Ship loose
80-17-0500	1	20# dry chemical fire extinguisher and mount Ship loose
80-17-1500	1	2 gallon water extinguisher with mount Ship loose
80-18-0600	4	SCBA brkt w/strap - ZICO ULLH - crew cab mount Install in chassis SCBA seats
80-19-0500	2	Large folding wheel chock - aluminum (ea) not mounted Ship loose
80-20-0000	1	NFPA Pumper Equipment
80-20-1500	1	Akron 1733 adjustable combination nozzle 2-1/2" Ship loose Changed model to current number, will be provided with a pistol grip unless otherwise specified
80-20-2000	2	Akron 1720 adjustable combination nozzle 1-1/2" Ship loose Changed model to current number, will be provided with a pistol grip unless otherwise specified
80-20-2500	1	Akron 2393 2-1/2" playpipe with stacked tips Ship loose Provide a male to female swivel adapter to 3.25 x 5 V sharp (BAG) thread if necessary, 1521836 shows this product with the BAG thread
80-20-3000	2	Portable hand light with charger Streamlight Survivor Orange 90503 with charging cable for 12 VDC Install on the upper shelf in compartment L1, 12 volt chargers wired to the battery conditioner battery saver circuit
80-20-3500	1	First Aid Kit Ship loose
80-20-4000	2	Double female adapter 2-1/2" PYROLITE Ship loose
80-20-4500	2	Double male adapter 2-1/2" PYROLITE Ship loose

PART NO	QTY	DESCRIPTION
80-20-5000	2	<b>Salvage Cover 12' x 14'</b> Ship loose
80-20-5010	5	<b>Traffic Vest</b> Ship loose
80-20-5015	5	<b>Helmet holder - Zico UHH-1</b> Ship loose
80-20-5020	5	<b>Traffic Cone (ea) - 28" with reflective collars - shipped loose with apparatus</b>
80-99-05AA	1	<b>Elkhart Vulcan Monitor</b> Elkhart Vulcan Model #8500-02 Master Stream Deck gun shall be provided and ready to install for use complete with master stream nozzle equal to Elkhart CSW-L Pyrolite Master Stream Nozzle with a spring loaded selector to provide flow setting selection ranging from 350-500-750-1000-1250 gpm. No stream straightener required. Confirmed that customer thread is not required for 2-1/2" discharge on monitor
80-99-25AA	1	<b>18" manual telescoping waterway for deck gun</b> TFT XGA18VL-PL Provided to allow monitor to be elevated 18" from stowed position