



Shop Order

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K & T Fire Equipment  
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**Sales Rep:**  
 Tom York  
 K & T Fire Equipment

**Terms:**  
 Chassis - payment required 2 weeks prior to arriving at Metalfab.  
 Body and equipment COD

**Drawing #:** FT-11629  
**Est. Delivery Date:** / /  
**Customer PO #:**  
**Customer #:** 1664  
**QPF #:**

**Penalty:**

**Exp. Date:** 11/20/2022  
**Quote No:** 10021-0031  
**Job/Order No:** 22910  
**BODY:** 00-10-11 Metalfab Pumper - NFPA 05/13

09/05/2025

QTY	PART NO	DESCRIPTION
		<b>== Metalfab Pumper - NFPA 05/13 - 0.000 ==</b>
		<b>Change Order I</b>
1	00-05-0040	Dealer - K&T Environmental Equipment
1	00-10-1510	Metalfab Pumper - American Unit
1	00-20-1000	Company Profile
1	00-20-1500	Standard Body Warranty
1	00-20-1550	Metalfab Limited Ten (10) Year Paint and Corrosion Warranty
1	00-20-1700	Hale Pump Warranty - 5 years
1	00-20-1800	Polypropylene Tank Lifetime Warranty
1	00-20-2000	Plant Visits - unlimited at customer expense
1	00-20-3000	No Bonding Required
1	00-20-3500	Certification for Fusion Welding of Aluminum
1	00-20-4000	Quality System registered to ISO 9001:2015
1	00-20-4500	Fire Apparatus Manufacturers' Association Membership
		<b>GENERAL INFORMATION</b>
1	10-11-0000	Intent E
1	10-11-0110	Vehicle data recorder included with chassis
1	10-11-0500	NFPA 1901-2016 Compliance
1	10-11-2000	UL Testing 1901
1	10-11-2100	Maximum length not specified E

QTY	PART NO	DESCRIPTION
1	10-11-2200	Maximum height not specified E
1	10-11-2400	<b>Overall length is 30' or more</b>
1	10-11-2410	Overall height is 119" or more
1	10-11-2500	General Construction
1	10-11-3000	<b>Manuals - two copies</b> ***Two copies of manuals are required. Chassis manuals are those supplied by the chassis manufacturer.
1	10-11-3600	<b>Delivery - FOB Fire Department - by K&amp;T</b>
1	10-11-4000	<b>Payment Terms - Chassis Net 10 days, Balance COD</b> Chassis - payment required 2 weeks prior to arrival at Metalfab. Body and equipment COD upon delivery.
1	10-20-1400	<b>Hose capacity exceeding ULC/NFPA requirements</b> Hose bed to hold 1200 ft 4" Storz LDH and 800 ft 2 1/2"
1	10-20-2100	Equipment carrying capacity - standard NFPA Pumper
1	20-11-1000	<b>CHASSIS INFORMATION</b> <b>Chassis supplied by Metalfab - Freightliner 114SD tandem two door</b> Dealer - Freightliner of Maine 62,000 lb GVWR 16,000 lb Front 46,000 lb Rears 244" wheelbase 178.64" Cab to axle Cummins X12 455 hp@1900 rpm 1700 lb-ft torque @1000 rpm 2000 governed rpm Cummins intebreak system - activates stop lamps 4000 EVS automatic transmission pkg 198 65 mph road speed - (NOTE: this does not meet NFPA, section 4.15.3 for maximum top speed of 60 MPH). Batteries frame mounted under cab 300 amp alternator 18T drive lines 51" rear axle spacing 60 US gallon fuel tank - LH, 25" diameter Front tow hooks/eyes required Polished aluminum wheels Air horns shipped loose for dealer PDI installation - to be installed on sides of chassis hood in a rearward location to leave room for flashing lights to be installed ahead of them. Exterior visor ESC, VDR and seatbelt display Cab color - red over black Sprayouts required to send to Customer for approval and signoff L225 Candy Apple Red - to be confirmed L0216 Black - to be confirmed All ten tires to be studded by dealership per 20-11-5005. Metalfab will install a switch on the chassis dash to control high idle through the Pump Governor with the appropriate interlocks.
1	20-11-1500	2013 Emission chassis modifications
1	20-11-5005	<b>All chassis tires studded</b> To be done before chassis arrives at Metalfab by Freightliner of Maine.
1	20-21-0500	Fluid capacity plate

QTY	PART NO	DESCRIPTION
1	20-21-0600	Pumping test plate
1	20-21-1000	Maximum riders sign - 2 persons
1	20-21-1500	Seat belt warning labels - 2 door chassis
1	20-21-1520	Helmet warning label - do not wear helmet
<b>1</b>	<b>20-21-1540</b>	<b><i>Tire Pressure Indicators - Tandem Axle</i></b>
<b>1</b>	<b>20-21-1600</b>	<b><i>Apparatus Information Label</i></b> An information label is provided in the chassis cab, visible to the driver, stating: "When manufactured, this vehicle was: ** ft high (feet and inches) ** ft long (feet and inches) ** lb GVW (pounds) Changes in height since the apparatus was manufactured shall be noted on this plate by the Fire Department"
1	20-21-2000	Non removable key
1	20-21-2500	Shifter lock not required E
1	20-21-3500	Rear step warning label
1	20-21-3800	Front mudflaps
1	20-21-4000	Rear mudflaps - Metalfab Logo
1	20-31-0200	Fuel fill label -Ultra Low Sulfur Diesel only
<b>1</b>	<b>20-31-0500</b>	<b><i>Alum tread fuel tank trim, Conv - 2 door</i></b> Vertical trim only, OEM cab steps remain
<b>1</b>	<b>20-31-1900</b>	<b><i>Chassis cab painted by chassis OEM - two tone - red over black</i></b>
<b>1</b>	<b>20-31-7500</b>	<b><i>Standard Freightliner console in cab</i></b> Install switch panel (50-11-0900) and pump shift (30-51-0500) in console. Include blank panels for customer use for electronic siren and radio installation in future. Shoreline receptacles 90-90-9001 to be installed as required. Storage area with hinged cover (with gas strut) and lift and turn latch provided at rear of console. Gray Zolatone finish
<b>1</b>	<b>20-41-0600</b>	<b><i>Intake air shutoff for engine not requested</i></b>
1	20-41-1100	Transmission programming - Allison WT
1	20-41-1500	Extend exhaust pipe - RS front of rear wheels E 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.
1	20-41-1900	Battery boost terminals with chassis E
<b>1</b>	<b>20-41-2000</b>	<b><i>Chassis batteries remain in OEM location</i></b>
<b>1</b>	<b>20-41-2200</b>	<b><i>Price Adjustment</i></b>
1	20-41-2510	Fuel fill at step fuel tank under cab
1	20-41-2600	Chassis fuel tank remains in OEM location
1	20-41-5000	Rear Tow Hooks - under body *** Flat bar tow hooks under rear step (2)
<b>1</b>	<b>20-51-0710</b>	<b><i>Master Battery Disconnect included with Freightliner chassis</i></b>
1	20-51-2600	Back up alarm
1	20-51-3400	Protection valve installed for air operated accessories
<b>1</b>	<b>20-51-4000</b>	<b><i>Auto eject for air inlet - LS</i></b> Located on the left side pump panel

<b>QTY</b>	<b>PART NO</b>	<b>DESCRIPTION</b>
1	20-51-6510	<b>Kussmaul Autocharge 35/10 battery conditioner w/battery saver</b> Mounted behind console /seat area inside cab
1	20-51-7100	Electric System Manager
1	20-51-7500	<b>Super Auto eject for 120 v - 20 A with sealed enclosure</b> Located on the left side pump panel
1	20-51-8505	<b>Engine compartment light included with chassis</b>
1	20-51-9001	<b>Air horns on hood, lanyard controlled - with chassis</b> Installed by dealer as part of the PDI. Reference 20-11-1000.
1	20-52-0010	<b>Air horn control/actuation on pump operators panel</b> ***Metalfab will add electric valve***
1	20-52-3000	Chassis steering wheel lined up by others
1	20-52-4015	<b>Provision 3-camera system - rear, left side and right side</b>
1	20-60-0400	Chassis wheelbase does not change
<b>PUMP AND PLUMBING</b>		
1	30-11-8700	<b>Hale QMAX 1750 USGPM single stage pump</b>
1	30-12-3500	<b>Mechanical seal for Hale QMAX/QTWO pumps</b>
1	30-15-0104	<b>Plumbing - Hale manifold pump SM SS</b>
1	30-20-0500	Valves and controls - side mount panel
1	30-20-1002	<b>Akron valves specified</b>
1	30-20-1600	<b>Piping stainless steel - general</b>
1	30-20-1700	<b>1-1/2" thread specifications NPSH</b>
1	30-20-1800	<b>2-1/2" thread specifications NST</b>
1	30-20-2000	Piping hydrostatic test
1	30-20-2500	<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***
1	30-21-5560	<b>Tank to Pump SS 3" w/ check valve manifold pump</b>
1	30-22-0520	<b>Tank Fill valve 2" SS</b>
1	30-31-4010	<b>Suction - 6" each side manifold pump</b>
2	30-31-7200	<b>Hale master intake suction valve - electric control</b> *** Suction to be gated is the 6" Left side and 6" Right side inlets Electric controls to be located on the left side pump operators panel with the manual over-ride controls adjacent to the corresponding valves. ***Order with pump***
1	30-32-7530	<b>Suction - 2-1/2" left side SS, bleeder, Hale manifold pump</b>
1	30-40-2020	<b>4" right discharge SS, plumbed 3", Hale manifold pump</b>
1	30-41-2020	<b>2-1/2" RS discharge SS, bleeder, Hale manifold pump</b>
2	30-41-2520	<b>2-1/2" LS discharge SS, bleeder, Hale manifold pump</b>
1	30-43-1520	<b>2-1/2" rear discharge SS, plumbed 2-1/2", bleeder</b> Located right side rear under the intermediate step platform as per the proposal drawing.
2	30-44-0520	<b>1-1/2" crosslay (each) SS, 2" valve, bleeder</b> Capacity for 200' of 1-3/4" hose and nozzle unless otherwise specified

<b>QTY</b>	<b>PART NO</b>	<b>DESCRIPTION</b>
1	30-44-1020	<b>Trash line left pump panel step 150' single jacket foam</b> Hose well located in left side pump panel step with capacity for 150' x 1 3/4" NPSH hose and nozzle Discharge outlet will be through the left pump panel near the hose well. (will not be preconnected). Install Velcro straps (2) to retain the hose in this hosewell.
1	30-44-3520	<b>2-1/2" crosslay SS, plumbed 2-1/2", bleeder</b> Capacity for 200' of 2-1/2" hose and nozzle unless otherwise specified
1	30-44-6520	<b>Piping for monitor SS, plumbed 3", bleeder</b> Monitor piping will be plumbed to area directly behind the crosslays and centered widthwise so monitor will not hit front of body. Monitor will be and electric Akron Style 3440 DeckMaster as per 80-16-1110.
1	30-51-0500	<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
1	30-51-0700	Pump Gearbox mounted manual over ride for pump shift E
1	30-51-6800	<b>FRC InControl Governor/Throttle engine display with throttle knob 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
2	30-51-7005	<b>Suction side relief V/V, manifold pump - Hale QMAX</b> Ordered with the MIV-E valves (order with pump)
1	30-51-7716	<b>Trident Automatic Air Primer 3 barrel 3 location</b> Location #1 - plumbed to pump Location #2 - plumbed for the LS pre-prime Location #3 - plumbed for the RS pre-prime All controlled from the left side operators panel
1	30-51-7720	<b>Additional air tank for air primer system</b> An additional air tank is provided to improve air primer capacity - included with chassis.
1	30-51-8200	<b>Heat Exchanger not requested</b>
1	30-52-1000	Master drain V/V, 12 port
1	30-52-2000	<b>Drain valve for foam system header</b>
1	30-52-5510	<b>Foam system-Hypro FoamPro 2001 Single Tank</b> Foam system is plumbed to the following discharges: 2-1/2" rear Both 1-1/2" crosslays 2-1/2" crosslay 1-1/2" trash line in left side pump panel step  ***Note - use 30-52-5515 for BOM purposes***
1	30-52-9100	<b>Foam concentrate label at foam tank fill</b>
1	30-52-9200	<b>Foam System Instruction Plates</b>
1	30-52-9400	<b>NFPA Foam System certification test</b>

<b>QTY</b>	<b>PART NO</b>	<b>DESCRIPTION</b>
<b>WATER AND FOAM TANKS</b>		
1	40-11-2000	<b>Polypropylene water tank (US gallons)</b>
1	40-11-2200	Water tank capacity certification (tank manufacturer)
1	40-11-7600	<b>Tank capacity 3000 US Gallons</b>
1	40-12-4600	<b>Foam cell - 20 US gallon</b>
1	40-21-0500	<b>3" tank to pump connection</b>
1	40-22-0500	<b>2" tank fill connection</b>
1	40-23-0500	<b>1" water level gauge connection</b>
1	40-23-1000	<b>1" foam level gauge connection</b>
1	40-23-1050	<b>4" Fireman's Friend connection</b>
1	40-23-1060	<b>10" Newton dump connection</b>
1	40-30-0500	<b>Sump drain valve (3" gate valve) with linkage E</b>
1	40-30-1100	<b>Water Fill Box middle left side</b>
1	40-31-4500	<b>10" rear Newton dump, stainless steel</b>
1	40-31-4700	<b>Newton dump, top mount operation</b> Lock open device is required
1	40-31-5500	<b>Electric operator for Newton dump, top mount</b> Located left side over tail light module and lower level flashing light unless otherwise specified.
1	40-31-5600	<b>Rotating dump chute for Newton dump stainless steel</b> Includes telechute
1	40-31-5800	<b>Support for rotating dump chute if necessary</b> Engineering to determine if this support is required
1	40-31-9000	<b>4" Storz rear fill, Fireman's Friend, bleeder</b>
<b>ELECTRICAL</b>		
1	50-11-0300	<b>Base electrical system - multiplex</b>
1	50-11-0600	Warning Light Certification
1	50-11-0700	Low Voltage Electrical system test
1	50-11-0800	Low Voltage Electrical System Documents As required by ULC and NFPA standards
1	50-11-0900	<b>Rocker switch panel with master warning switch</b> ***Rocker switch assignments: FRONT SCENE (customer requests that this be as close to driver as possible) E-MASTER LIGHT BAR RED LIGHT BAR SHT FLASHING WARNING REAR BEACONS LEFT SCENE REAR SCENE RIGHT SCENE REAR FLOODS SIREN BRAKE
1	50-11-1400	<b>Price Adjustment</b>
1	50-11-1620	<b>Price Adjustment</b>
1	50-11-2010	<b>Federal Q2B mechanical siren - through front bumper</b> Install a Linemaster foot switch on the console each side for driver and officer to use as a "palm" switch, interlocked with E-MASTER.

QTY	PART NO	DESCRIPTION
		Include a Siren Brake switch in the rocker switch panel.
		Include a disconnect switch between the battery and the siren solenoid.
		Install through RS bumper wing.
1	50-11-5905	<b>Federal Allegiant light bar ALGT61D-NFPA2 red and white with clear lens</b> Part number 1571210 As the chassis has an external visor, the brow light will have to be above this and the light bar will have to be pushed up to clear.
1	50-11-6501	<b>Rear Directional Light not requested</b>
1	50-11-90AA	<b>Federal rear beacons IVP SLR - one red and one blue - clear lens</b> Red beacon model number VSLR1-R2 (Met p/n 1570909) Blue beacon model number VSLR1-B2 (Met p/n TBA ) Mount so hose bed covers will clear when opened. Red beacon located right side Blue beacon located left side
2	50-12-50AA	<b>Front LED flashers (pr) - Federal Fire Ray FR6C-R - red w/clear lens</b> One pair in lower portion of front grille and one pair in upper portion of front grille. Include chrome bezel FR6MC
2	50-12-51AA	<b>Rear LED flashers (pr) - Federal Fire Ray FR6C-R - red w/clear lens</b> One pair in lower portion over tail light module and one pair in upper part just below marker lights Include chrome bezel FR6MC
1	50-12-52AA	<b>Front side LED flashers (pr) - Federal Fire Ray FR6C-R - red w/clear lens</b> Located on side of chassis cab hood Include chrome bezel FR6MC
2	50-12-53AA	<b>Body side LED flashers (pr) - Federal Fire Ray FR6C-R - red w/clear lens</b> One pair in front portion of rear fender and one pair in rear portion of rear fender. Include chrome bezel FR6MC
1	50-21-1505	<b>Rear floods (pr) Unity LED</b> Switched in cab and on light head. Note that these lights are also used as rear step lights and cannot be managed
1	50-21-5100	<b>Compartment lighting - LED tube lights in each compartment (rollup doors)</b> Lighting in smaller compartments over rear wheels will have 4" grommet mounted LED compartment lights.
1	50-21-5500	<b>Door Ajar warning light</b> Located over drivers seating position Warning label in cab to read: "Do Not Move Apparatus when Light is on"
1	50-21-5550	<b>Equipment rack not stowed warning light</b> Located over drivers seating position Warning label in cab to read: "Do Not Move Apparatus when Light is on" Wired to the PTS, LAS and Extenda-Lites.

<b>QTY</b>	<b>PART NO</b>	<b>DESCRIPTION</b>
6	50-21-6001	<b>Akron LED SceneStar recessed mount scene lights (ea) 14000 Lumen</b> Two left side, two right side, two rear facing Switched in cab and wired to shed Model ELSS-SLDC-RM-15 14,000 lumens with recessed 15 degree angle mounts
2	50-21-6002	<b>Akron LED SceneStar Extenda-Lite (ea) 14000 Lumen</b> Mounted at front of front end as shown on the drawing Switched on light head and managed to shed Up indicator switch wired to the Equipment not stowed warning light in cab
1	50-21-6004	<b>Akron LED SceneStar Brow light 14000 Lumen</b> Switched in cab Model ELSS-SLDC-BL As the chassis has an external visor, the brow light will have to be above this and the light bar will have to be pushed up to clear. Switch to be within easy access to driver - located in cab console
1	50-21-8000	<b>Step lights for body steps - LED</b> Switched when park brake is set
1	50-21-8200	<b>Step lights for chassis steps - LED</b> Switched when park brake is set
1	50-21-8600	LED clearance lts and reflectors
1	50-21-8800	<b>LED intermediate turn signal/clearance/reflector length &gt;30'</b>
1	50-22-0700	Whelan 64 LED tail/brake-turn-backup module (pr)
1	50-31-6550	<b>Ground lighting (LED Lumabar) - 2 door chassis</b> Switched when park brake is set
1	50-31-6570	<b>Ground lighting (LED Lumabar) - side mount body</b> Switched when park brake is set
<b>BODY</b>		
1	60-10-1600	<b>Tandem axle extruded aluminum body</b>
1	60-10-4100	No "beavertail" rear step supports
1	60-10-4600	Painted fender surround E
1	60-10-4700	Integral aluminum fender trim
1	60-10-5400	Diamondback pumphouse steps
1	60-10-5430	Diamondback 19" rear step
1	60-10-6000	Extruded rub rail
1	60-11-0250	<b>Second front left side compartments intermediate height</b>
1	60-11-0300	<b>Front left side compartments full height E</b>
1	60-11-0650	<b>Second front right side compartments intermediate height</b>
1	60-11-0700	<b>Front right side compartments full height E</b>
1	60-11-0900	<b>Rear left side compartments intermediate height</b>
1	60-11-1300	<b>Rear right side compartments intermediate height</b>
4	60-11-1900	<b>Low side compartment (up to 18") each</b> 12" door over rear drives 12 " compartments same as Franklin
1	60-11-3100	<b>No rear compartment E</b>
4	60-11-4535	<b>Flush mount aluminum door - single with "D" handle - flip up door w/ gas struts</b>

<b>QTY</b>	<b>PART NO</b>	<b>DESCRIPTION</b>
<b>4</b>	<b>60-11-5610</b>	<b>Rollup door - painted job colour - intermediate height</b> Painted to match body Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
<b>2</b>	<b>60-11-5620</b>	<b>Rollup door - painted job colour - full height</b> Painted to match body Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
<b>2</b>	<b>60-11-5660</b>	<b>Amdor pull straps - Flex - HD (for door opening 49"-70") - L1 and R1</b> Order with doors
1	60-31-4100	Extruded aluminum handrails Minimum 2" clearance from handrail to any surface
1	60-31-5500	Steps at rear of body (folding) Maximum height between steps is 18"
1	60-31-5600	Steps and grab handles at front of body next to pump panel Maximum height between steps is 18"
<b>1</b>	<b>60-31-5800</b>	<b>Full width rear step to load hose bed</b> Requires yellow reflective delineation striping and lighting to meet NFPA
<b>1</b>	<b>60-31-6500</b>	<b>Compartment matting - plastic interlocking tile</b>
<b>4</b>	<b>60-31-8006</b>	<b>BA bottle compt (ea)-fender well with restraining strap</b> Four (4) total - one ahead and one behind rear axle in body fender each side Door ajar switches required Retaining straps are included Tube will accommodate a 7-3/4" diameter x 24" long cylinder
<b>2</b>	<b>60-31-8700</b>	<b>Sliding tray (ea) - 400 pound capacity with gas strut</b> White reflective stripe is applied on the exposed edge for visibility when the compartment door is open Customer to specify location; Slide out tray #1 - Floor level rear LS L5 Slide out tray #2 - Floor level rear RS R5
<b>3</b>	<b>60-31-9600</b>	<b>Adjustable shelf (ea)</b> White reflective stripe is applied on the exposed edge for visibility when the compartment door is open Customer to specify location and if full depth or shallow depth; Shelf #1 - L1 full depth Shelf #2 - L1 full depth Shelf #3 - L5 full depth
1	60-32-3500	One adjustable hose divider Hand hold required in end
<b>1</b>	<b>60-32-7500</b>	<b>Hose bed - aluminum</b> Hose bed to hold 1200 ft 4" storz LDH and 800 ft 2 1/2"
<b>1</b>	<b>60-33-0000</b>	<b>Paint exterior - Imron Elite</b> CHASSIS BLACK< BODY BLACK<PUMP BLACK Body, front end and plumbing is black - cab is red over black.

<b>QTY</b>	<b>PART NO</b>	<b>DESCRIPTION</b>
1	60-33-0200	Undercoat vehicle with KROWN rust protection
1	60-33-0600	<b>Chassis wheels not painted - aluminum wheels</b>
1	60-33-1000	<b>Paint pump and plumbing job color - black</b>
1	60-33-1500	Buffed finish compartment interior
1	60-33-2300	<b>Lettering - special graphics</b> Truck to be identified as T - 4 over the chevron and the doors Here is the lettering and striping for Sullivan approved by Tom York June 24, 2025
1	60-33-3150	<b>Reflective stripe - 5" red</b> 50% of perimeter each side and 25% of perimeter front Confirm stripe configuration at the Pre-construction meeting
1	60-33-3310	<b>Reflective stripe - red and black chevron at rear</b> Minimum 50% of rear vertical surface
1	60-33-33AA	<b>Price Adjustment</b>
1	60-33-3600	<b>Reflective stripe - inside entry doors</b> 96 square inches of white reflective minimum inside each cab entry door
1	60-33-4600	Aluminum cover over crosslays - with end tarps (black)
1	60-33-5000	<b>Aluminum cover over hose bed with end tarps - black E</b> Door ajar switches required
1	60-33-50AA	<b>Aluminum Hose Bed cover lights</b> Switched when park brake is set.
2	60-40-5500	<b>Suction hose tube (each) with door</b> For the storage of Customer's suction hose. Door ajar switch required For Harrington 6" x 10' suction hose
1	60-41-6001	<b>Zico hydraulic portable tank rack</b> Located on left side of body To be wired so only operable when park brake is engaged and compartment doors over left rear wheels are closed. Flashing lights and reflective tape required at front and rear to indicate any areas that protrude beyond the body. For the storage of Customer's portable tank. Fol da tank 3000 gallon 13'-3" x 28 5/8" tall x 9" thick when folded
1	60-41-6010	<b>ZICO PTS switched at rear above tail light</b> Switch is located on same side as electric rack
1	60-41-6100	<b>Tread plate on exterior of Zico PTS</b> ****K&T to cover the cost as per conversation with Ryan Stacey****
1	60-41-7090	<b>No tread plate on body behind porta tank rack</b>
1	60-41-9000	<b>Zico electric Ladder Access system - right side</b> To be wired so only operable when park brake is engaged and compartment doors over right rear wheels are closed. Flashing lights and reflective tape required at front and rear to indicate any areas that protrude beyond the body.

QTY	PART NO	DESCRIPTION
		For the storage of Customer's fire ladders. Customer to specify the following; Make and model of ladders to be installed; Alco Lite PEL3-35 35' 3 section ladder Alco Lite PRL-16 16' roof ladder Bulkhead style rack to be used to reduce overall width when ladders are stowed
1	60-41-9010	<b>ZICO LAS switched at rear above tail light E</b> Switch is located on same side as electric rack
1	60-41-9100	<b>Manual locking system for LAS</b> Install information label at switch location to instruct operator to release locks prior to lowering the ladder.
<b>INSTRUMENTATION</b>		
1	70-11-0000	Warning Label on Pump Operator's Panel
1	70-11-0500	Side mount instrument panel No gauge or visual display can be higher than 84" above the operator's standing position Midpoint of any control cannot be higher than 72" above the operator's standing position
1	70-11-1500	Stainless steel instrument panels No gauge or visual display can be higher than 84" above the operator's standing position Midpoint of any control cannot be higher than 72" above the operator's standing position
1	70-11-3200	<b>Colour coded tags</b> One 1-1/2" crosslay to be BLACK One 1-1/2" crosslay to be PURPLE 2-1/2" crosslay to be YELLOW 2-1/2" rear discharge to be ORANGE Customer requests color drawing of RS and LS pump panels
1	70-11-4506	<b>Diamondback grip type panel hood step right side</b>
1	70-11-4606	<b>Diamondback grip type panel hood step left side</b>
1	70-11-5100	<b>Open storage at rear top of pump house</b> Lighting and drain holes required to meet NFPA
1	70-11-5500	Right side tread plate pump access door No opening dimension less than 18"
1	70-11-7500	Heat pan-aluminum
1	70-11-8100	Heater in pump compartment not requested
2	70-20-1110	<b>4-1/2" compound gauge - PSI only -30-0-400 Thuemling</b> To be within 8" of each other - edge to edge
10	70-20-2140	<b>2-1/2" pressure gauge - PSI only 0-400 Thuemling</b> Gauge to be no more than 6" from edge of the gauge to the center of the control.
1	70-20-2500	<b>Trident Primer control - for pump</b>
2	70-20-2501	<b>Additional Trident Primer control - for LH and RH 6" suction pre-prime</b>
1	70-20-3300	<b>FRC InControl Governor Control</b> Throttle can be no lower than 42" and no higher than 72" from operator's standing position.

<b>QTY</b>	<b>PART NO</b>	<b>DESCRIPTION</b>
1	70-20-3500	Electric water level gauge on pump panel, Class One
1	70-20-3611	<b>Remote PSTANK2 water level indicators each side, rear with driver</b> These lights are interlocked with the park brake so that they light only when the park brake is set.
1	70-20-6500	Test gauge panel Mount below the compound gauges for proper draining
1	70-21-1500	<b>Electric Foam Level gauge on pump panel, Class One</b> Include access to and room for sender in front of body and back of pump house
1	70-21-5500	<b>Panel readout for Battery Conditioner</b> Located on left side pump panel
<b>ACCESSORIES</b>		
1	80-16-1110	<b>Akron Style 3440 DeckMaster electric monitor w/5177 electric Akronmatic nozzle</b> Akron Style 3440 DeckMaster electric monitor with style 5177 electric Akromatic 1250 Master Stream nozzle with controller on the left side pump operators panel. Components are as follows; 3440 - DeckMaster Electric Monitor 5177 - Akromatic 1250 gpm electric nozzle 60410008 - Can4 toggle switch station (stow/deploy) 721582 - U2, J1 interface harness (1) 721579 - CAN device stub harness with power and ground leads (1) 758306 - CAN network tee (2 required) 742205 - CAN network terminator plugs (2 required) 721574 - 10 ft CAN network extension cable (1) 721592 - Monitor harness extension harness - 8 ft (1) ***Engineering to confirm part number and quantities prior to ordering***
1	90-90-9000	<b>110 volt power to 2 hi side compts duplex outlets (2)</b> Powered from 20-51-7500 shoreline, 2 x duplex 20 Amp receptacles, upper front corner of L1 and R1
1	90-90-9001	<b>110 volt power to console duplex outlet (1)</b> Powered from 20-51-7500 shoreline, 1 x Duplex 20 Amp on back of cab console or back wall of cab
1	90-90-9002	<b>12 Volt power to front left hi side</b> L1 left high side compartment powered by battery charger "battery saver" circuit, pigtail for customer use located in upper front corner