



Shop Order

Isle Madame Fire Department
 Codie Forest Captain
 Isle Madame, NS
 codie.forest@hotmail.com

Sales Rep: Ryan Stacey	Terms: Chassis Net 10 days Body and Equipment COD
Drawing #: FT-11546	
Est. Delivery Date: / /	
Customer PO #:	Penalty:
Customer #:	None
QPF #:	

Exp. Date: 02/27/2022
Quote No: RISNS-0017
Job/Order No: 23076
BODY: 00-10-15 Metalfab Pumper - ULC 05/13

02/03/2025

PART NO	QTY	DESCRIPTION
== Metalfab Pumper - ULC 05/13 - 0.000 ==		
Change Order E		
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
00-20-1500	1	Standard Body Warranty
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
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
Statement of Exceptions required for the requested top speed of 75 MPH		
10-11-2100	1	Maximum length not specified
10-11-2200	1	Maximum height not specified
10-11-2400	1	Overall length is 30' or more

PART NO	QTY	DESCRIPTION
10-11-2500	1	General Construction
10-11-3000	1	Manuals - two copies ***Two copies of chassis manuals are required.
10-11-3600	1	Delivery - FOB Fire Department
10-11-4000	1	Payment Terms - Chassis Net 10 days, Balance COD
10-20-1000	1	Hose bed capacity - standard ULC Pumper
10-20-2000	1	Equipment carrying capacity - standard ULC Pumper
		CHASSIS INFORMATION
20-11-1000	1	Chassis supplied by Metalfab - Freightliner 114SD Freightliner 114SD 18 FA-46 RA axles with ESC X12-500 Cummins engine 500 HP @ 1900 RPM; 1700 LB-FT @ 1000 RPM torque, 2000 RPM governed Allison 4000EVS automatic transmission 60 USG fuel tank, polished aluminum wheels L3240EY red, confirmed by customer Includes RAM mount on dash for rear view camera Metalfab will install a switch on the chassis dash to control high idle through the Pump Governor with the appropriate interlocks An appropriate high idle would be 1300 RPM Change air tank drains from current auto drains to quarter turn petcocks as required.
20-11-10AA	1	Chassis Dealer - Nova Truck Centre
20-11-1500	1	2013 Emission chassis modifications
20-11-1600	1	Chassis Motor Vehicle Inspection provided by chassis dealer
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
20-21-1570	1	LED Tire Pressure Indicators - Tandem Axle
20-21-1600	1	Apparatus Information Label An information label is provided in the chassis cab, visible to the driver, stating: "When manufactured, this vehicle was: ** m high ** m long ** kg GVW Changes in height since the apparatus was manufactured shall be noted on this plate by the Fire Department"
20-21-2000	1	Non removable key
20-21-2500	1	Shifter lock not required
20-21-3500	1	Rear step warning label
20-21-3800	1	Front mudflaps by Metalfab
20-21-4000	1	Rear mudflaps - Metalfab Logo
20-31-0100	1	Fuel tank or step covers not required
20-31-0200	1	Fuel fill label -Ultra Low Sulfur Diesel only
20-31-1900	1	Chassis cab not painted
20-31-47AA	1	Custom steel front bumper and extension, hosewell Custom steel front bumper with 45 degree corners, speakers to be mounted on the flat section outboard of frame rails. Front suction to be routed to right side outboard of frame rail but inboard of front headlight, to clear hood.

PART NO	QTY	DESCRIPTION
		Hosewell between frame rails to hold 200' x 2-1/2" double jacket discharge hose. To be raised above the level of the gravelshield with a tread plate door with gas struts and a lift and turn latch. Include a notch for the hose to be preconnected from the LS chrome elbow. Note that hosewell to include a 4" flush mount light which will be on when the park brake is set.
20-31-7500	1	Console in cab Standard Freightliner console Install 50-11-6615 TACTL5 control, and 30-51-0500 pump shift in console. Provide blank panels for future customer use. Storage area with hinged cover and lift and turn latch provided at rear of console. Gray zolatone finish
20-41-0600	1	Intake air shutoff for engine not required
20-41-0900	1	Auxiliary braking system disabled when pumping
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
20-41-2200	1	Chassis batteries relocated under cab Batteries provided with chassis frame mounted LS 60" behind cab. Relocated under the cab
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)
20-41-5215	2	Side receiver, under body with 12 volt power 50-41-5260 Locate forward of rear axle under rub rail To be used for a customer 12,000 winch with current draw of 396 A. (Warn 103255)
20-41-52AA	1	Mount customer winch Received Warn 103255 12,000 pound winch from customer on January 6, 2025. Fabricate custom multi mount style winch mount for winch - the multi mount from Warn (107000) is rated for 10,000 pounds Provide cable and matching quick connect to power the winch from the power points on the truck.
20-51-0710	1	Master Battery Disconnect included with Freightliner chassis
20-51-2500	1	Back up alarm included with chassis
20-51-3100	1	Air inlet not required
20-51-3400	1	Protection valve installed for air operated accessories
20-51-6200	2	120 volt 20 A shore line connection in chassis cab Standard 5-20R duplex receptacle in chassis cab, not fused Install on back of console for Fire Department use in addition to the receptacle for the battery conditioner

PART NO	QTY	DESCRIPTION
20-51-6620	1	Kussmaul Pump Plus 1200 conditioner/compressor with auto drain Battery conditioner located on back of console - between seats. (Not to be installed behind or under driver's seat) Compressor located in pump house.
20-51-7101	1	Electric System Management - VMUX
20-51-7500	1	Super Auto eject for 120 v - 20 A with sealed enclosure Locate at LS rear above tail lights
20-51-8510	1	Engine compartment lights LED (pair) LED light in engine compartment Switched when park brake is set Note - not available from Freightliner
20-51-9001	1	Air horns with chassis Located on chassis hood, provided with chassis Controlled by dual lanyards (LS/RS)
20-51-9500	1	Code 3 utility LED 33" light bar under front bumper Switched in chassis cab over head switch panel
20-52-3500	1	Chassis steering wheel lined up by Metalfab
20-52-4000	1	Rear View Camera system Rearview Systems STM5600 with 5.6" colour monitor in cab Mount in chassis RAM mount on dash
20-60-0400	1	Chassis wheelbase does not change
20-90-1500	1	12 volt power point in console The power point with the chassis will be powered with the chassis battery disconnect switch. The power point installed by Metalfab in the console will be powered when the truck is plugged in to 120 volt (can be powered from battery saver on battery conditioner) and when the master switch is turned on.
PUMP AND PLUMBING		
30-11-3802	1	Hale DSD midship pump - 1250 IGPM
30-15-0302	1	Plumbing - non manifold pump TM SS
30-20-1000	1	Valves and controls - top mount panel
30-20-1003	1	Elkhart valves specified
30-20-1620	1	Piping stainless steel - non manifold Pumper
30-20-1700	1	1-1/2" thread specifications NPSH
30-20-1800	1	2-1/2" thread specifications NSZ1 Confirmed at Precon, same as previous truck
30-20-2000	1	Piping hydrostatic test
30-20-2510	1	Anodes in suction and discharge piping - non manifold pump 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.
30-21-9530	1	Tank to Pump 4" Elkhart ball valve SS, electric Apex-S control on pump panel Include provision to manually over ride the valve Orient the valve so a manual over ride can be installed so accessible without

PART NO	QTY	DESCRIPTION
		climbing into the pump house - through the pump panel is preferred similar to an MIV-E manual over ride.
30-22-2130	1	Tank fill valve 3" top mount stainless with slo cloz
30-31-4020	1	Suction - 6" each side SS non manifold pump 6" header
30-31-51AA	1	Suction - 4" stainless front - electric valve, 6" suction elbow Include provision to manually over ride the valve Orient the valve so a manual over ride can be installed so accessible without climbing into the pump house - through the pump panel is preferred similar to an MIV-E manual over ride. Includes Elkhart electric valve with Apex-S control Chrome swivel required at front through the gravel shield Engineering to review valve specification prior to order
30-31-7205	2	Hale Master Intake Valve non manifold pump - electric control For the LS and RS gated inlets
30-32-8650	2	Suction - 2-1/2" left side SS, TM control, non manifold pump
30-32-9050	1	Price Adjustment
30-32-9150	1	Suction - 2-1/2" right side SS, TM control, non manifold pump
30-40-31AA	1	4" RS Storz, plumbed 4" Elkhart electric valve, Apex-S control 4" 30 degree Storz connection with bleeder and cap
30-41-2130	1	2-1/2" RS discharge TM SS, bleeder, non manifold pump
30-41-2630	2	2-1/2" LS discharge TM SS, bleeder, non manifold pump
30-43-1530	2	Price Adjustment
30-43-2530	2	2-1/2" rear discharge TM SS, plumbed 2-1/2", bleeder Both right side Separated to ensure a spanner will fit
30-44-0660	2	1-1/2" speedlays (each) under walkway SS, plumbed 2" Capacity 150' x 1-3/4" double jacket hose each tray Horizontal and vertical rollers required, inset behind the 60-33-4610 end plates
30-44-1165	1	Front 2-1/2" trashline with CP elbow, SS piping Capacity 100' x 2-1/2" double jacket hose Elbow located above the gravelshield on the left side Include a 2-1/2" F x 1-1/2" M reducer to allow the use of 1-1/2"/1-3/4" hose
30-51-0500	1	Pump shift-Midship air ***Includes "Pump Engaged" and "OK to Pump" indicator lights on chassis instrument panel ***Includes "Throttle Ready" indicator light on Pump operating panel
30-51-0600	1	Manual over ride for pump shift on pump panel by Metalfab Locate on LS pump panel
30-51-6800	1	FRC InControl Governor/Throttle engine display with throttle knob plus high idle Provide a high idle switch on the chassis dash to provide stationary high idle with the appropriate interlocks to meet ULC An appropriate high idle RPM would be 1300 RPM Program the pressure preset for 100 PSI

PART NO	QTY	DESCRIPTION
30-51-7004	1	Suction side relief valve, non manifold pump For front suction
30-51-7005	2	Suction side relief valve for MIV, non manifold pump For LS and RS suctions
30-51-7714	1	Price Adjustment
30-51-7719	1	Trident Automatic Air Primer 3 barrel 4 location with gauge
30-51-77AA	1	Additional air tank provided with chassis
30-51-8040	1	Heat Exchanger supplied and installed by Metalfab Not available from Freightliner
30-52-1000	1	Master drain V/V, 12 port
30-52-2000	1	Drain valve for foam system header
30-52-5515	1	Foam System FoamPro 2001 Single Tank Foam system is plumbed to both crosslays and front bumper discharge Foam percentage preset to be programmed to 05.%
30-52-9100	1	Foam concentrate label at foam tank fill
30-52-9200	1	Foam System Instruction Plates
30-52-9400	1	NFPA Foam System certification test
WATER AND FOAM TANKS		
40-11-2100	1	Polypropylene water tank (Imperial gallons)
40-11-2200	1	Water tank capacity certification (tank manufacturer)
40-11-7500	1	Tank capacity 2500 Imperial Gallons
40-12-4500	1	Foam cell - 20 Imperial gallon
40-21-1000	1	4" tank to pump connection
40-22-1500	1	3" tank fill connection
40-23-0500	1	1" water level gauge connection
40-23-1000	1	1" foam level gauge connection
40-23-1050	1	4" Fireman's Friend connection
40-23-1060	1	10" Newton dump connection Provide the dump valve mounting flange on the tank at the rear, install a cover plate over the opening - for possible future installation of a Newton Dump Valve.
40-30-0500	1	Sump drain valve (3" gate valve) with linkage
40-30-1100	1	Water Fill Box middle left side
40-31-9000	1	4" Storz rear fill, Fireman's Friend
ELECTRICAL		
50-11-0300	1	Base electrical system - multiplex
50-11-0600	1	Warning Light Certification
50-11-0700	1	Low Voltage Electrical system test
50-11-0800	1	Low Voltage Electrical System Documents As required by ULC and NFPA standards
50-11-0900	1	Rocker switch panel with master warning switch - mounted overhead Mount panel overhead towards the left side Rocker switch assignments: MASTER -LIGHT BAR RED -LIGHT BAR CLEAR -REAR BEACONS -FLASHING WARNING -FRONT UTILITY

PART NO	QTY	DESCRIPTION
		-DITCH LIGHTS
		-LS SCENE
		-REAR SCENE
		-RS SCENE
		-REAR FLOODS
		-COLOUR SELECT (to select red or white ground lights and compartment lights)
50-11-1450	1	Federal PA300 200 watt siren Mount in cab console
50-11-14AA	1	TAP II horn ring siren control To allow operation of the siren from the steering wheel horn button
50-11-1620	2	Siren speaker, 100 watt, in front bumper - Federal AS124
50-11-2600	1	Siren to be accessible to driver and officer
50-11-5002	1	Federal Navigator NVG60D-NFPA22 Layout approved by customer at precon
50-11-6615	1	Rear LED Traffic Advisor warning lights - TAM83 - surface mount - 30.45" long Includes TACTL5 control, install in console TIR3 super LED lights - 30.45" long
50-11-9015	1	Rear beacons - Federal NVG10 LED (pr) - both red - with height restriction Install even with top of body
50-12-5020	1	Front LED flashers (pr)-red Federal QL64XF-R Mount in chassis grille
50-12-5020	1	Additional front LED flashers (pr)-red Federal QL64XF-R Additional pair of front flashers for a total of 4 flashers in the grille, red with red lens
50-12-5210	1	Front side inter lts (pr)-red LED Federal QL64XF-R Mount on ends of extended bumper
50-12-5310	1	Body side inter lts (pr)-red LED Federal QL64XF-R Mount in fenderwell behind the centreline of the rearmost axle
50-12-5410	1	Additional body side inter lts (pr)-red LED Federal QL64XF-R Mount in fenderwell ahead of the centreline of the forwardmost axle
50-21-1505	1	Rear floods (pr) Unity LED Note that these lights are also used as rear step lights and cannot be managed
50-21-1610	1	Parking (ditch) lights in rear fenders - LED in stainless steel housings Switched in cab, on the pump panel, and when vehicle is in reverse OK to shed
50-21-2767	1	Command Light KL415-AR Light tower 12 volt, 6 Revell LED light heads, w/backlig OK to shed Orientation - light is towards the LS when raised. Locate control on top mount pump panel (same as M21-21995 Debert, NS) KL415D-AR-BL (1032187), located in front of hose bed

PART NO	QTY	DESCRIPTION
50-21-5100	1	Compartment lighting - LED tube lights in each compartment (rollup doors) Compartment lighting to be selectable red or white LED Selector switch will be located in the cab console Note that the equipment compartments with flush doors (L2, L3, R2, R3) will also be equipped with LumaBar style lighting for this application.
50-21-5500	1	Door Ajar warning light Warning label in cab to read: "Do Not Move Apparatus when Light is on" Locate in overhead console above driver to warn when a door is open when the park brake is released
50-21-5550	1	Equipment rack not stowed warning light Warning label in cab to read: "Do Not Move Apparatus when Light is on" Locate in overhead console above driver to warn when ladder rack, portable tank rack and/or command light are not stowed when the park brake is released
50-21-8001	1	Step lights for body steps - 4" LED On when park brake is set
50-21-8110	1	Step lights for walkway - 4" LED On when park brake is set
50-21-8200	1	Step lights for chassis steps - LED On when park brake is set
50-21-8600	1	LED clearance lts and reflectors
50-21-8800	1	LED intermediate turn signal/clearance/reflector length >30'
50-22-0800	1	Federal 4 QuadraFlare LED tail/brake-turn-backup-warning module (pr)
50-31-6006	1	Scene lights (pr) - Federal QL97 LED RS Can be shed Switched in cab and on pump panel
50-31-6007	1	Scene lights (pr) - Federal QL97 LED LS Can be shed Switched in cab and on pump panel
50-31-6008	1	Scene lights (pr) - Federal QL97 LED rear Can be shed Switched in cab and when transmission is in Reverse
50-31-6010	2	Scene light boxes (pr) - tread plate Rear boxes to house side and rear scenes plus the rear beacon
50-31-6550	1	Ground lighting (LED Lumabar) - 2 door chassis Ground lighting to be selectable red or white LED Selector switch will be located in the chassis switch panel.
50-31-6580	1	Ground lighting (LED Lumabar) - top mount body On when park brake is set Ground lighting to be selectable red or white LED Selector switch will be located in the chassis switch panel.

PART NO	QTY	DESCRIPTION
50-35-0500	2	Installation of customer supplied mobile radio Pre programmed radios were provided on January 6, 2025. 1 - Motorola Radius SM120 VHF radio 1 - Motorola APX 2500 TMR radio Provide face plates in console and install the VHF radio in the rearmost slot. Install the TMR radio in the thrid slot from the back.
50-35-0559	2	Mobile radio antenna provided by customer Install two antenna mounts only on roof of cab and wire to the radios in the cab console Install protective covers on the mounts.
50-35-05AA	1	Mount customer portable TMR charger TMR charger received from customer January 6, 2025 To be mounted on a fabricated bracket (powder coat black) on RS rear of console above battery conditioner. Add a hook on the rear wall for the TMR mike and cable. Provide 12 volt power for the charger (instead of 120 volt) through battery saver if available, otherwise direct to chassis battery.
50-41-5260	1	Master 12 Volt power at receiver complete with power connector and weather cap Master disconnect deleted as circuit is protected by a Bussman fuse and the winch can be unplugged in the event of an issue
50-41-5265	1	Addional 12 Volt power at receiver complete with power connector and weather cap Powered from 50-41-5260 master power
50-99-05AA	3	Magnetic microphone clip Two magnetic mike clips received from Fire Department January 6, 2025 Mount one below seat belt indicator on chassis dash Mount one adjacent to seat belt indicator on chassis dash Others to be shipped loose
BODY		
60-10-1600	1	Tandem 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
60-10-6500	1	Bolt on extruded aluminum rub rail
60-11-0200	1	Front left side compartments intermediate height
60-11-0600	1	Front right side compartments intermediate height
60-11-0900	1	Rear left side compartments intermediate height
60-11-1300	1	Rear right side compartments intermediate height
60-11-1900	4	Low side compartment (up to 18") each
60-11-3100	1	No rear compartment
60-11-4535	4	Flush mount aluminum door (drop down) - single with "D" handle To be approximately 45 degrees below horizontal when open as shown on proposal drawing.
60-11-5510	4	Rollup door - intermediate height Natural aluminum finish

PART NO	QTY	DESCRIPTION
		Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
60-11-5540	2	Rollup door - to enclose pump panel LS and RS
60-11-55AA	1	Rollup door over top mount pump panel
60-11-5654	4	Amdor pull strap not requested
60-31-4100	1	Extruded aluminum handrails Minimum 2" clearance from handrail to any surface
60-31-5000	1	Price Adjustment
60-31-50AA	1	Folding access ladder at rear - custom To match M24-22952 Port Hastings
60-31-5500	1	Steps at rear of body (folding) Maximum height between steps is 18" RS rear only
60-31-5800	1	Special step at Rear 3' wide platform maximum 18" below the hose bed floor. Include LED lighting (on when park brake is set) and NFPA delineation on edges of step.
60-31-6500	1	Compartment matting - black plastic interlocking tile
60-31-8003	2	BA bottle compartment (ea) - fender well - double tube type with SS door Install in each rear fenderwell forward of forward rear axle - one each side Door Ajar switch required Straps for valves required Customer dimensions of SCBA cylinders: Diameter 6-1/2" Length 23-1/2" Current customer tubes are 7-3/4" ID
60-31-80AA	1	Compartment for collapsible traffic cones fenderwell, SS door For 80-20-5025 traffic cones supplied by Metalfab Located in RS centre of rear wheel well Door Ajar switch required
60-31-80BB	2	Compartment for Fire Extinguisher (Rear Fenderwell) For Metalfab supplied fire extinguishers 80-17-0500 and 80-17-1500 Located in each rear wheel well to the rear of the rearmost axle Door Ajar switch required
60-31-8600	3	Sliding tray (ea) - 400 pound capacity - standard Reflective stripe is applied on the exposed edge for visibility when the compartment door is open Provided with locking hardware for retracted and extended. Locations: 1 at floor level in rear LS compartment 2 adjustable full depth in rear LS compartment
60-31-9600	2	Adjustable shelf (ea) Reflective stripe is applied on the exposed edge for visibility when the compartment door is open Locations: One full depth in front RS compartment

PART NO	QTY	DESCRIPTION
		One full depth in rear RS compartment
60-32-3560	1	Two adjustable and one fixed hose divider (each) Hand hold required in end
60-32-7500	1	Hose bed - aluminum
60-33-0000	1	Paint exterior - Imron Elite *** Paint code and colour red to match cab
60-33-0200	1	Undercoat vehicle with KROWN rust protection
60-33-0600	1	Chassis wheels not painted Polished aluminum wheels
60-33-1000	1	Paint pump and plumbing job colour
60-33-1500	1	Buffed finish compartment interior
60-33-2300	1	Lettering - special graphics *** Vinyl letters, Fire Department to provide details on location and text. This unit will be TRUCK 1 and is to match the last truck M12-16334 except no lettering on visor and additional lettering on the portable tank cover. Lettering drawing approved January 16
60-33-3000	1	Reflective stripe - 4" black 50% of perimeter each side and rear, 25% of perimeter front Striping drawing approved January 16
60-33-3310	1	Reflective stripe - red and black chevron at rear, on front bumper 50% of perimeter each side and rear, 25% of perimeter front Note special colour - RED and BLACK
60-33-4610	1	End plates for speedlays Provide a removable plate each end of speedlays equipped with a lift and turn latch each side to secure it in place. Provide tabs on the bottom to fit into slots to secure the hose load. This is in place of the standard tarps and straps.
60-33-5005	1	Aluminum cover over hose bed - power assisted, includes 40" LED lights, end tarps Both switches on left side above tail lights Wired to door ajar light End tarps to be black with shock cord and tarp hooks Provide access at the front of the hose bed to remove the pin on the actuator if necessary to manually raise the hose bed covers
60-40-5000	2	6" Hose tray - top mount (ea) Mount one on Ladder rack and one on Portable tank rack For 80-11-5000 6" x 10' suction hoses
60-40-5500	2	Suction hose tube (each) with door For 80-11-5000 6" x 10' suction hoses Door ajar switches required
60-41-1015	2	Pike Pole tube in suction hose tube For Metalfab supplied pike poles 80-13-2200 and 80-13-2500

PART NO	QTY	DESCRIPTION
60-41-1500	1	Attic ladder tube with rear door Under RS fender top Velcro retaining strap not required Install a door ajar switch on this door
60-41-6001	1	Zico hydraulic portable tank rack To be wired so only operable when park brake is engaged and the flush mount doors are closed. Flashing lights and reflective tape required at front and rear to indicate any areas that protrude beyond the body.
60-41-6010	1	ZICO PTS switched at rear above tail light Switch is located on same side as electric rack
60-41-6110	1	Painted plate on exterior of Zico PTS
60-41-7100	1	Tread plate on body behind porta tank rack
60-41-9001	1	Zico hydraulic Ladder Access system To be wired so only operable when park brake is engaged and the flush mount doors are closed. Flashing lights and reflective tape required at front and rear to indicate any areas that protrude beyond the body.
60-41-9010	1	ZICO LAS switched at rear above tail light Switch is located on same side as electric rack
60-91-0700	1	Wheel chock storage compartment in rear body fender (ea) - SS door For Metalfab supplied wheel chocks (2) 80-19-0500 Include door ajar switch. Located in centre of LS rear wheel well between axles.
INSTRUMENTATION		
70-11-0000	1	Warning Label on Pump Operator's Panel
70-11-09AA	1	Rocker switch panel on top mount control Top mount panel to include switches for: -DITCH LIGHTS -PANEL LIGHTS -HEATER -RIGHT SCENE -LEFT SCENE Note that the panel light switch will operate lights over the pump panels only, step lights will continue to operate when the park brake is set. Note that the panel lights will go off when the park brake is released regardless of switch position.
70-11-1200	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
70-11-1510	1	Stainless steel top mount panel
70-11-2000	1	Top mount instrument panel No gauge or visual display can be higher than 84" above the operator's standing position

PART NO	QTY	DESCRIPTION
		Midpoint of any control cannot be higher than 72" above the operator's standing position
70-11-2500	1	Transverse walkway
70-11-2600	1	Tread plate overlay on back of chassis cab
70-11-30AA	1	Mansaver bars - length to be determined
70-11-3200	1	Colour coded tags
70-11-3501	1	Compartments in ends of walkway not available
70-11-5616	1	Left side tread plate pump access door
70-11-5620	1	Right 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 Switched on top mount pump panel
70-20-1120	2	4-1/2" compound gauge - dual face 0-400 Thuemling brand
70-20-2130	9	2-1/2" pressure gauge - dual face 0-400 - Thuemling brand
70-20-2500	1	Primer control
70-20-2501	3	Additional Primer control
70-20-3300	1	FRC InControl 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
70-20-3611	1	Remote PSTANK2 water level indicators each side, rear with driver Interlocked with park brake
70-20-6500	1	Test gauge panel Mount below the compound gauges for proper draining
70-20-7500	1	Heat exchanger control valve Located on top mount pump panel
70-21-1500	1	Electric Foam Level gauge Include access to and room for sender in front of body and back of pump house
70-21-5500	1	Panel readout for Battery Conditioner Mount at LS rear above tail lights
ACCESSORIES		
80-11-5000	4	6" x 10' lightweight suction hose (ea) Mounted in trays and tubes
80-12-2500	1	6" barrel strainer Ship loose
80-13-0500	1	Rubber mallet Ship loose
80-13-0510	1	PAC Toolok bracket 1003-HD-Y for mounting rubber mallet Ship loose

