



Shop Order

Abercrombie Fire Department
 Chief Sandy MacPherson
 PO Box 634
 New Glasgow, NS B2H 5E7



Exp. Date: 06/03/2017
Quote No: JABNS-0014
Job/Order No: 19880
BODY: 00-10-31 Metalfab Tanker - ULC 05/13

04/06/2018

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PART NO	S	DESCRIPTION	QTY	ID
		== Metalfab Tanker - ULC 05/13 - 0.000 ==	1	MTL
	S	CHANGE ORDER D	1	MTL
00-10-1000		Metalfab Tanker E	1	MTL
00-20-1000		Company Profile E	1	MTL
00-20-1500		Standard Body Warranty	1	MTL
00-20-1550		Metalfab Limited Ten (10) Year Paint and Corrosion Warranty	1	MTL
00-20-1700		Hale Pump Warranty - 5 years	1	MTL
00-20-1800	S	Poly Tank Lifetime Warranty	1	MTL
00-20-2000		Plant Visits - unlimited at customer expense	1	MTL
00-20-3000		No Bonding Required	1	MTL
00-20-3500		Certification for Fusion Welding of Aluminum	1	MTL
00-20-4000		Quality System registered to ISO 9001:2008	1	MTL
00-20-4500		Fire Apparatus Manufacturers' Association Membership	1	MTL
		GENERAL INFORMATION	1	MTL
10-11-0000		Intent E	1	MTL
10-11-0105		Vehicle Data Recorder not requested E	1	MTL
10-11-1100	S	ULC S515-13 Compliance	1	MTL
10-11-1600		> ULC Testing - Tanker	1	MTL
		ENG. NOTE: Note in the shop note if the Fire Department wishes to witness the test		
10-11-2100	S	Maximum length - 336"	1	MTL
10-11-2200		Maximum height not specified E	1	MTL
10-11-2300		Overall length is less than 30'	1	MTL
10-11-2500		General Construction	1	MTL
10-11-3000		Manuals - two copies ***Two copies of chassis manuals are required.	1	MTL
10-11-3600	S	> Delivery - FOB Fire Department	1	MTL
		ENG. NOTE: Note in the shop note if more than 4 hours of training is required		
10-11-4000		Payment Terms - Chassis Net 10 days, Balance COD	1	MTL
10-20-1200		Hose bed capacity - standard ULC Tanker	1	MTL
10-20-2200		Equipment carrying capacity - standard ULC Tanker	1	MTL
		CHASSIS INFORMATION	1	MTL
20-11-1000	S <	Chassis supplied by Metalfab - Kenworth T370 Series two door conventional c.	1	MTL
		14,600 lb front axle, 26,000 lb rear axle, 40,600 lb GVWR		
		190" wheelbase, 122" cab to axle		
		Engine - Paccar PX-9 380 hp @ 2000 rpm, 1150 torque @ 1400 rpm		
		2200 governed rpm		
		Allison 3000 EVS 5 speed automatic transmission, 320 amp alternator		

PART NO	S	DESCRIPTION	QTY	ID
		56 US gallon fuel tank, RH under cab - Polished finish		
		DEF tank has a polished stainless steel cover		
		18.7 CFM air compressor, Extra air tank included (8" x 41")		
		L2141 Red - color to be approved by the Customer		
		Current chrome front bumper to be replaced with a painted front bumper		
20-11-1500		2013 Emission chassis modifications	1	MTL
20-11-1600	S	Chassis Motor Vehicle Inspection as supplied by chassis dealership	1	MTL
20-21-0500		Fluid capacity plate	1	MTL
20-21-0600		Pumping test plate	1	MTL
20-21-1000		Maximum riders sign - 2 persons	1	MTL
20-21-1500		Seat belt warning labels - 2 door chassis	1	MTL
20-21-1530		Tire Pressure Indicators - Single Axle	1	MTL
20-21-1600		Apparatus Information Label	1	MTL
		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		Non removable key	1	MTL
20-21-2500		Shifter lock not required E	1	MTL
20-21-3500		Rear step warning label	1	MTL
20-21-3810		Front mudflaps provided with chassis E	1	MTL
20-21-4000		Rear mudflaps - Metalfab Logo	1	MTL
20-31-0200		Fuel fill label -Ultra Low Sulfur Diesel only	1	MTL
20-31-0500	S	Alum tread fuel tank trim, Conv - 2 door	1	MTL
		As required - Vertical trim only, OEM cab steps remain		
		Chassis has been order with a polished finish fuel tank, a polished Stainless Steel cover over the DEF tank and a polished aluminum tread plate battery box cover.		
20-31-1900	S	Chassis cab painted by chassis OEM	1	MTL
20-31-7500	S	Console in cab	1	MTL
		Install switch panel, siren, Customer supplied radios (2) per 50-35-0500) and PTO shift in console.		
		Storage area with hinged cover and lift and turn latch provided at rear of console.		
		Gray Zolatone finish		
		Department to approve layout		
20-41-0600	S	Intake air shutoff for engine not requested	1	MTL
20-41-0900		Auxiliary braking system disabled when pumping	1	MTL
20-41-1100		Transmission programming - Allison WT ***Includes "Pump Engaged" light next to pump shift on chassis instrument panel.	1	MTL
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	MTL
20-41-1800		Battery boost terminals required	1	MTL
		Mounted in left cab step area where space permits		
20-41-2000		Chassis batteries remain in OEM location	1	MTL
20-41-2510		Fuel fill at step fuel tank under cab	1	MTL
20-41-2600		Chassis fuel tank remains in OEM location	1	MTL
20-41-5000		Rear Tow Hooks - under body *** Flat bar tow hooks under rear step (2)	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
20-51-0700		Master Battery Disconnect included with chassis	1	MTL
20-51-2500		Back up alarm included with chassis	1	MTL
20-51-3400		Protection valve installed for air operated accessories	1	MTL
20-51-4000		Auto eject for air inlet - LS Left side cab step area	1	MTL
20-51-6200		> 120 volt 20 A shore line connection in chassis cab ENG. NOTE: Requires 20-51-75 120 volt auto eject or 20-51-80 120 volt inlet Standard 5-20R duplex receptacle in chassis cab, not fused mounted on back of console for the battery conditioner to plug into - must be minimum 12" from floor to meet ULC	1	MTL
20-51-6500		Kussmaul Autocharge 1000 battery conditioner w/battery saver Mounted behind console in cab or where space permits, plugged into 20-51-6200 receptacle.	1	MTL
20-51-7100		Electric System Manager	1	MTL
20-51-7500		Super Auto eject for 120 v - 20 A with sealed enclosure Left side cab step area	1	MTL
20-51-8500	S	Engine compartment lighting - LED to meet ULC Switched when park brake is set.	1	MTL
20-51-9001	S	Air horns - reference 80-99-15AA	1	MTL
20-52-3000		> Chassis steering wheel lined up by others ENG. NOTE: Required for all chassis except Freightliner, Sterling, Spartan	1	MTL
20-52-4000	S	Rear View Camera system Rearview Systems STM5600 with 5.6" colour monitor on ceiling as high as possible	1	MTL
20-60-0400		Chassis wheelbase does not change	1	MTL
20-90-1600	U	Kussmaul USB dual charging socket Dual 2.1 amp USB charging connections installed in the cab console, fits in a rocker switch cutout	1	
PUMP AND PLUMBING			1	MTL
30-11-1000		Hale AP PTO pump - 420 IGPM	1	MTL
30-15-0303		Plumbing - non manifold pump SM	1	MTL
30-20-0500		Valves and controls - side mount panel	1	MTL
30-20-1001	S	Valve brand not specified Valves to be equipped with stainless steel balls	1	MTL
30-20-1630		Piping galvanized steel - PTO pump	1	MTL
30-20-1700	S	1-1/2" thread specifications - NPSH	1	MTL
30-20-1800	S	2-1/2" thread specifications - NSST - Nova Scotia Standard thread NSZ1 - 25' length of 2-1/2" rubber hose given to Inventory Control Oct 15-17 as a sample	1	MTL
30-20-2000		Piping hydrostatic test	1	MTL
30-20-2505		Anodes in suction and discharge piping not requested	1	MTL
30-21-5510		Tank to Pump 3" w/ check valve non manifold pump 4" piping and check valve	1	MTL
30-22-0500		Tank Fill valve 2"	1	MTL
30-31-2500	S	Suction - 4" not gated - non manifold pump 5" header Left side only	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
30-32-7520		Suction - 2-1/2" left side, bleeder, non manifold pump	1	MTL
30-41-2506		2-1/2" LS discharge, bleeder, non manifold pump	1	MTL
30-43-1500	S <	2-1/2" rear discharge, plumbed 2-1/2", bleeder Mount in rear compartment above step - no droop required. Offset to one side to allow carrying 100' of hose in the compartment, leave enough clearance around the discharge to install a gated wye	1	MTL
30-44-10AA	U <	2.5" front discharge under front bumper - galv piping, bleeder No droop required SOPT 595 Locate under bumper, not through bumper	1	
30-51-0400		Pump shift - PTO Pump and Roll ***Includes "Pump Engaged" indicator lights on chassis instrument panel and on the pump panel ***Includes "Throttle Ready" indicator light on Pump operating panel Includes indicator light showing "OK TO PUMP" when transmission is in neutral, park brake is set, and PTO control energized. The remote electronic throttle will be energized in this mode. Includes indicator light showing "OK TO PUMP AND ROLL" when the transmission is not in neutral, the park brake is not set, and the PTO control is energized. The remote electronic throttle will not be energized in this mode.	1	MTL
30-51-1500		Power shift PTO - Automatic transmission	1	MTL
30-51-1501		PTO driveshaft E	1	MTL
30-51-6800		FRC InControl Governor/Throttle engine display with throttle knob	1	MTL
30-51-7002		Suction side relief V/V, non manifold pump	1	MTL
30-51-771Z	U	Automatic trident air primer with gauge 2 barrel, single location	1	
30-51-8000		Heat exchanger E	1	MTL
30-52-1000		Master drain V/V, 12 port	1	MTL
30-52-3001		Foam system not requested E	1	MTL
		WATER AND FOAM TANKS	1	MTL
40-11-2100	S	Poly water tank (Imperial gallons)	1	MTL
40-11-2200		Water tank capacity certification (tank manufacturer)	1	MTL
40-11-6500	S	Tank capacity 1600 Imperial Gallons	1	MTL
40-21-1000		4" tank to pump connection	1	MTL
40-22-0500		2" tank fill connection	1	MTL
40-23-0500		1" water level gauge connection	1	MTL
40-23-1040		4" direct fill connection	1	MTL
40-23-1060		10" Newton dump connection	1	MTL
40-30-0500		Sump drain valve (3" gate valve) with linkage E	1	MTL
40-30-1200	S	Water Fill Box centered in water tank due to to hose bed height	1	MTL
40-31-3500		10" rear Newton dump, stainless steel	1	MTL
40-31-3600		Newton dump - stainless steel 36" telechute	1	MTL
40-31-5500	S	Electric operator for Newton dump - left rear above tail lights With slotted protective cover.	1	MTL
40-31-555A	U <	Electric switch in cab for Newton Dump Mounted on 20-31-7500 console complete with slotted protective cover. SOPT 555 - see markup copy in file	1	
40-31-5600	U <	Stainless Steel Swivel Dump with lock Bumpers/stops required to prevent chute from coming in contact with rear flashing lights SOPT 2	1	
40-31-8000		4" Storz rear gtd fill Right of dump as shown on the proposal drawing.	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
		ELECTRICAL		
50-11-0500		Base electrical system ***Includes green "Battery On" indicator light on chassis instrument panel.	1	MTL
50-11-0600		Warning Light Certification	1	MTL
50-11-0700		Low Voltage Electrical system test	1	MTL
50-11-0800		Low Voltage Electrical System Documents As required by ULC and NFPA standards	1	MTL
50-11-0900	S	Rocker switch panel with master warning switch ***Rocker switch assignments: MASTER - LIGHT BAR RED - LIGHT BAR CLEAR - FLASHING WARNING - REAR FLOODS - DITCH LIGHTS - LEFT SCENE - RIGHT SCENE - REAR SCENE - DUAL USB CHARGE (20-90-1600)	1	MTL
50-11-1400		Federal PA300 100 watt siren	1	MTL
50-11-1620		Siren speaker, 100 watt, in front bumper	1	MTL
50-11-2010	S <	Federal Q2B mechanical siren - through front bumper ***Controlled by foot switch at driver's side only To be enabled with Emergency Master switch	1	MTL
50-11-2600		Siren to be accessible to driver and officer	1	MTL
50-11-6100	S	Whelen F4N0QLED LED light bar NFPA	1	MTL
50-11-6600		Rear LED Traffic Advisor warning lights - surface mount TAL85 with TACTL5 Controller Controller mounted in 20-31-7500 Console	1	MTL
50-11-8001		> Rear beacons not required E ENG. NOTE: Confirm that necessary lighting for ULC/NFPA is present	1	MTL
50-12-54AA	U <	Whelen M4V2R Combination flasher and perimeter light (pr) 2 mounted left side upper corners of sides on standoffs 2 mounted right side upper corners of sides on standoffs 2 mounted rear facing on the rear of the standoffs Switched in cab (3 switches - LS, RS and Rear) and all wired to be managed through the ESM See SOPT in file	3	
50-12-8500	S	Front LED flashers (pr)-Whelen red LED 400	1	MTL
50-12-8600	S	Rear LED flashers (pr)-Whelen red LED 400	1	MTL
50-12-8700	S	Front side inter lts (pr) - Whelen red LED 400	1	MTL
50-12-8800	S	Body side inter lts (pr)-Whelen red LED 400	1	MTL
50-12-8900	S >	Add'l body side inter lts (pr)-Whelan red LED 400 ENG. NOTE: Required if distance between front and rear side intersection lights exceeds 25' Located ahead of rear wheels in rear fender well symmetrical with 50-12-8800	1	MTL
50-21-15AA	U <	Unity LED rear floods (pr) Switched in cab and wired to activate when transmission is in reverse gear Cannot be managed - required for ULC SOPT 255a	1	

PART NO	S	DESCRIPTION	QTY	ID
50-21-1610	U	<i>Parking (ditch) lights in rear fenders - LED with stainless housings</i> Switched in cab and wired to activate when transmission is in reverse gear Wire to be managed through the ESM	1	
50-21-29AA	U	<i>Additional lighting in cab to illuminate floor area (ULC requirement)</i> As required - activated when the park brake is set, light is off when park brake released SOPT 998a	1	
50-21-5100	>	<i>Compartment lighting - LED tube lights in each compartment (rollup doors)</i> ENG. NOTE: Rollup doors only Standard 4" LED grommet mounted lights are installed in the small left side, right side and back compartments.	1	MTL
50-21-5500	S	<i>Door Ajar warning light</i> Located on chassis dash Bilingual warning label in cab to read: "Do Not Move Apparatus when Light is on"	1	MTL
50-21-5550	S	<i>Equipment rack not stowed warning light</i> Located on chassis dash Bilingual warning label in cab to read: "Do Not Move Apparatus when Light is on"	2	MTL
50-21-8001	S	<i>Step lights for body steps - LED as required to meet ULC</i> Lighting required for the lower platform/step where dump chute blocks lighting from unity floods. Switched when park brake is set.	1	MTL
50-21-8200	S	<i>Step lights for chassis steps - LED to meet ULC</i> Switched when park brake is set.	1	MTL
50-21-8600		LED clearance lts and reflectors	1	MTL
50-22-0700	S	<i>Whelen 64 LED tail/brake-turn-backup module (pr)</i>	1	MTL
50-31-6010	S	<i>Scene light boxes (pr) - painted</i> For the 50-12-54AA combination M4V2R lights - mounted as shown on the proposal drawing (2 right side upper corners, 2 left side upper corners) Scene light boxes to be painted job colour	2	MTL
50-31-6550		<i>Ground lighting (LED Lumabar) - 2 door chassis</i> Switched when park brake is set.	1	MTL
50-31-6570		<i>Ground lighting (LED Lumabar) - side mount body</i> Switched when park brake is set.	1	MTL
50-31-65AA	U	<i>Hose bed lighting - LED on front partition (ULC requirement)</i> Switched when park brake is set. SOPT 958	1	
50-35-0500	S	<i>Installation of customer supplied mobile radio</i> Located in cab console 20-31-7500 Radio #1 Make - Kenwood Model - not given Width - 6-1/4" Length - not given Thickness - 1-5/8" Wired Battery through Master disconnect	2	MTL

PART NO	S	DESCRIPTION	QTY	ID
		Radio #2 Make - Motorola (TMR) Model - Not given Width - 7" Length - 7" Thickness - 2" Wired Battery through Master disconnect		
		As no frequencies are provided, the radios will be mounted only with power, ground, and antenna wires left unconnected. Antennas will be provided loose and not cut to length for customer's radio installer. If radios are not provided, cutouts matching the above dimensions will be provided in the console.		
50-35-0560	S	VHF and TMR antenna with base - commercial chassis Customer to specify any preferred location or spacing requirements.	2	MTL
50-99-0010	U	12 volt power to compartment Provide 15 A fused 12 volt power to second LS compartment (L2) in upper right rear corner for customer flashlight (opposite corner from vertical tool board, 14 ga ground and power wires to be blunt cut and heat shrink	1	
		BODY	1	MTL
60-10-1400	<	Single axle extruded aluminum body Inset step above dump valve Note: Chevrons will be applied on the lower section (under the inset step). Upper section will be painted red.	1	MTL
60-10-4100		No "beavertail" rear step supports	1	MTL
60-10-4600		Painted fender surround	1	MTL
60-10-4700		Integral aluminum fender trim	1	MTL
60-10-5430	>	Diamondback 19" rear step ENG. NOTE: Maximum height of rear step is 24" from ground	1	MTL
60-10-6500	S	Bolt on extruded aluminum rub rail w/ white reflective stripe	1	MTL
60-11-0100	>	Front left side compartment to top of wheel well ENG. NOTE: Specify critical dimensions in shop note	1	MTL
60-11-0150	>	Second front left side compartment to top of wheel well ENG. NOTE: Specify critical dimensions in shop note	1	MTL
60-11-0500	>	Front right side compartment to top of wheel well ENG. NOTE: Specify critical dimensions in shop note	1	MTL
60-11-0550	>	Second front right side compartment to top of wheel well ENG. NOTE: Specify critical dimensions in shop note	1	MTL
60-11-0800	S < >	Rear left side compartment to top of wheel well Compartment lighting - ref 50-21-5100 Make rear compartment wide enough for two 50' roll of 4" hi vol hose Maximum diameter of roll - 20" Flat width of hose - 7" (If not possible, substitute a roll of 2-1/2" at 4-1/2" wide for one 4" roll, same diameter) ENG. NOTE:	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
		Specify critical dimensions in shop note		
60-11-1100		< > Rear right side compartment to top of wheel well Compartment lighting - ref 50-21-5100 Make rear compartment wide enough for a roll of hi-vol and 2.5" hose See 60-11-0800 for size of hose being stored	1	MTL
		ENG. NOTE: Specify critical dimensions in shop note		
60-11-2500	S	< > Rear compartment at step level Compartment lighting - ref 50-21-5100 Door to be flip down with rubber bumpers to protect the finish. Compartment will bolt in type as it is below the frame and wider than the frame rails. Make as large as possible to allow storage of 100' of 2-1/2" hose in this compartment	1	MTL
		ENG. NOTE: Specify critical dimensions in shop note		
60-11-4500	S	Surface aluminum door - single with "D" handle Located as shown on the proposal drawing; Left side rear Right side rear Rear of body under dump line - horizontally hinged, flip down with rubber bumpers to protect the finish	3	MTL
60-11-5500		Rollup door - standard height Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point	4	MTL
60-31-4100		Extruded aluminum handrails Minimum 2" clearance from handrail to any surface	1	MTL
60-31-5000	S	< Fixed Zico access Ladder at rear of unit Zico two step fixed ladder. Mount on middle part of the body above the dump valve Minimum 7" clearance between rung and any obstruction	1	MTL
60-31-5500	S	Lighted steps at rear lower of body (folding) Four (4) required - to access intermediate step/platform on rear Maximum height between steps is 18"	1	MTL
60-31-6500		Compartment matting-Turtle tile	1	MTL
60-31-8200	S	< > Sliding vertical tool board Mount in 2nd front LS compartment 8" from front compartment wall. Tool board to be smooth plate (no holes) and to include a gas strut to hold open	1	MTL
		ENG. NOTE: Specify location		
60-31-8800		< > Sliding tray (ea) - 600 pound capacity Front RS compartment	1	MTL
		ENG. NOTE: Specify location		
		***Hardware requires 3-1/2" of compartment height Reflective stripe is applied on the exposed edge for visibility when the compartment door is open		

PART NO	S	DESCRIPTION	QTY	ID
60-31-9600	S	> <i>Adjustable shelf (ea)</i> ENG. NOTE: Specify location Full depth adjustable shelves located in: LS rear compartment (L3) RS second compartment (R2) RS rear compartment (R3) Reflective stripe is applied on the exposed edge for visibility when the compartment door is open	3	MTL
60-32-3500		One adjustable hose divider Hand hold required in end	1	MTL
60-32-7500		Hose bed - aluminum	1	MTL
60-33-0100	S	Paint exterior - Imron Elite and CLEARCOAT *** Paint code and colour red to match cab	1	MTL
60-33-0200		Undercoat vehicle with KROWN rust protection	1	MTL
60-33-0600		Chassis wheels not painted Aluminum wheels	1	MTL
60-33-1000		Paint pump and plumbing job colour	1	MTL
60-33-1500		Buffed finish compartment interior	1	MTL
60-33-2300	S <	Lettering - special graphics *** Vinyl letters, Fire Department to provide details on location and text. TAN1KER laid out on a floating NS flag on each side on the painted plate on exterior of Zico PTS ****Customer to approve lettering and reflective stripping arrangement****	1	MTL
60-33-3000		Reflective stripe - 4" white 50% of perimeter each side and 25% of perimeter front. White reflective shall also be installed in the body rub rails.	1	MTL
60-33-3310	U <	Reflective stripe - red and silver chevron at rear ***The chevrons will be installed on the lower half of the body only*** Colour to be red and silver ****Customer to approve lettering and reflective stripping arrangement****	1	
60-33-3500	S <	Tarp over hose bed - black Include an 18" square opening in tarp over fill box for access	1	MTL
60-33-4700		No crosslay preconnects on vehicle	1	MTL
60-40-2000		4" Hose tray - top mount (ea) Left side as shown on the proposal drawing for storage for the four (4) 80-11-2000 suction hoses.	4	MTL
60-41-6001	S	> Zico hydraulic portable tank rack ENG. NOTE: Specify mounting location desired. If Portable tank is customer supplied, specify overall dimensions when the tank is in stored position One on the right side and one on the left side. 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, wired to the 50-21-5550 equipment not stowed warning in cab. Customer portable tanks are 123" long x 30-3/4" high x 7-1/4" wide when folded	2	MTL

PART NO	S	DESCRIPTION	QTY	ID
60-41-6010	<	ZICO PTS switched at rear above tail light Switch is located on same side as electric rack Mount one on left side and one on right side.	2	MTL
60-41-6110	S	Painted plate on exterior of Zico PTS	2	MTL
60-41-7100	S	Tread plate on body behind porta tank rack	2	MTL
INSTRUMENTATION				
70-11-0000		Warning Label on Pump Operator's Panel	1	MTL
70-11-0500		Side mount instrument panel	1	MTL
		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		Stainless steel instrument panels	1	MTL
		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		Colour coded tags	1	MTL
70-11-5500	S	Right side aluminum plate pump access door No opening dimension less than 18" Located on back wall of front right side compartment.	1	MTL
70-11-7500		Heat pan-aluminum	1	MTL
70-11-8100		Heater in pump compartment not requested	1	MTL
70-20-1500		2-1/2" pressure gauge - dual face 0-600 Gauge to be no more than 6" from edge of the gauge to the center of the control.	3	MTL
70-20-3300		FRC InControl Governor Control Throttle can be no lower than 42" and no higher than 72" from operator's standing position.	1	MTL
70-20-3500		Electric water level gauge on pump panel, Class One	1	MTL
70-20-3501	U <	Special water level gauge - Whelen M4 lights SOPT 404 1 set of 4 lights on rear only From top to bottom light colors will be; Green Blue Amber Red	1	
70-20-6500		Test gauge panel	1	MTL
70-20-7500		Heat exchanger control valve	1	MTL
70-21-2100	>	PTO Hourmeter ENG. NOTE: Specify location in shop note	1	MTL
70-21-5500		Panel readout for Battery Conditioner Left side cab step area	1	MTL
ACCESSORIES				
80-11-2000		4" x 10' lightweight suction hose (ea) Mounted in top mount trays	4	MTL
80-12-1000		4" barrel strainer Shipped loose, not mounted - Customer will mount.	1	MTL
80-13-0500		Rubber mallet Shipped loose, not mounted - Customer will mount.	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
80-99-10AA	U <	<p><i>4" Storz to NSZ1 Female 2.5" reducer with plug for rear fill</i> Shipped loose, not mounted - Customer will mount. SOPT 137 Reducer - Kocheck #S54R425, Metalfab P/N 1501196 CP Plug - Metalfab P/N 1500295</p>	1	
80-99-15AA	U <	<p><i>Nathan K3 Train Air horn</i> SOPT - in file Mounted in pump house above drive line Controlled by a foot switch at the driver's position only, operable only when the MASTER emergency light switch is on Ordering information as follows: K3 Train horn, Model AH-K3 Model VA-M8 1/2" Hornblasters Manual train horn valve (to be confirmed at Pre-con) Order at https://hornblasters.com/products/airchime-k3-train-horn</p> <p>*****WARNING*****</p> <p>Horns produce extreme loudness Use this product in a safe and responsible manner, at a distance of at least 100 feet of others Proper hearing protection must be worn when using this air horn Hearing loss or permanent damage may result from unsafe use. Never operate this product in a closed environment or close to pedestrians or others. It is the consumer's responsibility to comply with local noise ordinances and D.O.T. sound level laws. *****WARNING***** This product contains chemical known to the state of California to cause cancer.</p>	1	