



Shop Order

Barrington Port Latour Fire Department
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Quote No: JBANS-0013
Job/Order No: 20357
BODY: 00-10-31 Metalfab Tanker - ULC 05/13

06/19/2019

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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	Polypropylene tank Lifetime Warranty	1	MTL
00-20-2000		Plant Visits - unlimited at customer expense	1	MTL
00-20-3000	S	No Bonding Requested	1	MTL
00-20-3500		Certification for Fusion Welding of Aluminum	1	MTL
00-20-4000	S	Quality System registered to ISO 9001:2015	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		Maximum length not specified E	1	MTL
10-11-2200		Maximum height not specified E	1	MTL
10-11-2400		Overall length is 30' or more	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 This vehicle is designed to carry the standard ULC miscellaneous equipment load of 1000 pounds for a Tanker.	1	MTL
		CHASSIS INFORMATION	1	MTL
20-11-1000	S <	Chassis supplied by Metalfab - Freightliner M2-112	1	MTL
		Freightliner M2 112 62,000 lb GVW 16,000 lb front axle 46,000 lb rear axle 236" WB, 170.45" CA Detroit DD13, 370 HP @ 1625 rpm, 1900 governed rpm 1250 lb/ft torque at 975 rpm		

PART NO	S	DESCRIPTION	QTY	ID
		Allison 3000 EVS automatic transmission, 5 speed		
		275 Amp alternator		
		189 litre fuel tank, LH		
		Polished aluminum wheels		
		No rear chassis window		
		Power windows, Manual locks		
		2 Tone paint - black over red		
		Paint codes were discussed at pre-construction meeting of 11.01.2018		
		Black - Gloss Black		
		Red - To match their previous unit M01-12474		
		Paint line to match Gagetown M18-19970 (black to cover roof and top of hood)		
20-11-1500		2013 Emission chassis modifications	1	MTL
20-11-1600	S	Chassis Motor Vehicle Inspection as supplied by the 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
20-21-1520		Helmet warning label - do not wear helmet	1	MTL
20-21-1570	U <	LED tire pressure indicators - Real Wheels - Tandem SOPT 19	1	
20-21-1600		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"	1	MTL
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
20-21-3800		Front mudflaps	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		Alum tread fuel tank trim, Conv - 2 door Vertical trim only, OEM cab steps remain	1	MTL
20-31-1900	S	Chassis cab painted two tone by chassis OEM	1	MTL
20-31-7500	S	Console in cab Install switch panel (50-11-0900), siren (50-11-14AA), communication radios (ref 50-35-0500), Traffic advisor control (50-11-6600), hour meter for PTO (70-21-2100), and pump shift (PTO switch 30-51-1500) in console. Gray Zolatone finish Match the rear storage to Brockton, ON M19-20120	1	MTL
20-41-0600		Intake air shutoff for engine not required	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
20-41-1900		Battery boost terminals with chassis E	1	MTL
20-41-2200	S	Chassis batteries relocated to the open storage over top of pump house	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
20-41-5500	U	ON SPOT Automatic traction chains Installed on the front tandem axle unless otherwise specified. Switch located within easy reach of driver on chassis dash.	1	
20-51-0710		Master Battery Disconnect included with Freightliner 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	S <	Auto eject for air inlet - LS To be used as a backup in case of failure of the compressor Located on left side chassis step due to the rollup door on the pump panel	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 Install 12" from the floor or 24" from the ground to meet ULC 1. Install on the back wall of the cab for the battery conditioner to plug into 2. R2 compartment - high on back wall toward front 3. R3 compartment - high on back wall toward front 4. L2 compartment - high on back wall toward front 5. L3 compartment - high on back wall toward front 6. In the cab console 20-31-7500	6	MTL
20-51-6600		Kussmaul Pump Plus conditioner/compressor Conditioner is mounted back of console Compressor is mounted inside pump house easily accessible for service thought the right side pump access door.	1	MTL
20-51-7101	S	Electric System Management - Multiplex	1	MTL
20-51-7500	S	Super Auto eject for 120 v - 20 A with sealed enclosure Located on left side chassis step due to the rollup door on the pump panel	1	MTL
20-51-8500	S	Engine compartment lighting - LED Switched with park brake	1	MTL
20-51-9001	S	Air horns and controls as supplied with chassis	1	MTL
20-52-3500	>	Chassis steering wheel lined up by Metalfab E ENG. NOTE: Freightliner, Sterling, and Spartan only	1	MTL
20-52-4001		Rear View Camera system 7" Rearview Systems with 7" colour monitor in cab located on cab dash	1	MTL
20-60-0400		Chassis wheelbase does not change	1	MTL
		PUMP AND PLUMBING	1	MTL
30-11-1000		Hale AP PTO pump - 420 IGPM	1	MTL
30-15-0303		Plumbing - non manifold pump SM E	1	MTL
30-20-0500		Valves and controls - side mount panel	1	MTL
30-20-1003	S	Suction and discharge valves are ELKHART brand. (3" and under)	1	MTL
30-20-1640	U	Piping galvanized steel - PTO pump	1	
30-20-1700	S	1-1/2" thread specifications NPSH	1	MTL
30-20-1800	S	2-1/2" thread specifications NSZ1 Customer provided two (2) male/female sample couplings at the Pre-construction meeting of 11.01.2018.	1	MTL
30-20-2000		Piping hydrostatic test	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
30-31-4000		Suction - 6" not gated each side non manifold pump 6" header	1	MTL
30-32-7520		Suction - 2-1/2" left side, bleeder, non manifold pump	1	MTL
30-40-2006		4" right discharge, plumbed 3", non manifold pump	1	MTL
30-41-2506		2-1/2" LS discharge, bleeder, non manifold pump	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
30-43-1500		2-1/2" rear discharge, plumbed 2-1/2", bleeder Located right of rear access ladder as shown on the proposal drawing	1	MTL
30-44-0500		1-1/2" crosslay (each), 2" valve, bleeder Minimum capacity for 250' of 1-3/4" hose and nozzle in each hose lay. Equipped with stainless steel rollers on each end for easier hose removal. Bleeder valve provided on pump panel.	2	MTL
30-51-0400		Pump shift - PTO Pump and Roll Indicator lights in cab will be located in overhead console above drivers seating position ***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
30-51-7718	S	Trident Automatic Air Primer 2 barrel 1 location with gauge Two barrel for AP 420 pump	1	MTL
30-51-7720		Additional air tank for air primer system An additional air tank is provided to improve air primer capacity	1	MTL
30-51-8000	S	Heat exchanger - for Detroit DD13 engine	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				
40-11-2100	S	Polypropylene water tank (Imperial gallons)	1	MTL
40-11-2200		Water tank capacity certification (tank manufacturer)	1	MTL
40-11-7500	S	Tank capacity 2500 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
40-30-1100	S	Water Fill Box 40" from front of tank on left side	1	MTL
40-31-3500		10" rear Newton dump, stainless steel	1	MTL
40-31-5500		Electric operator for Newton dump Located left side rear above lower level warning light	1	MTL
40-31-5610	U <	SS Swivel dump chute (rotating w/lock) Stops required so it cannot come in contact with right side lower level warning light or the left side Zico access ladder SOPT 2	1	
40-31-8000		4" Storz rear gtd fill Right of dump as shown on the proposal drawing.	1	MTL
ELECTRICAL				
50-11-0300		Base electrical system - multiplex E	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:	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
		MASTER		
		-LIGHT BAR RED		
		-LIGHT BAR CLEAR		
		-REAR BEACONS		
		-FLASHING WARNING		
		-REAR FLOODS		
		-Ditch lights		
		-Left Scene		
		-Rear Scene		
		-Right Scene		
50-11-1490	U	Whelen 295SLSC1 - removable microphone SOPT 954a	1	
50-11-1620		Siren speaker,100 watt, in front bumper	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	U	Rear LED Traffic Advisor warning lights - surface mount TAM83	1	
50-11-8600	S	Rear LED beacons-Whelen MCFLED2R (pr) both red	1	MTL
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 Maximum 63" from grade to center of light	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)-Whelen red LED 400 ENG. NOTE: Required if distance between front and rear side intersection lights exceeds 25'	1	MTL
50-21-1505	U <	Unity LED rear floods (pr) Switched in cab These lights cannot be managed as they are required for ULC SOPT 255a	1	
50-21-1610	U <	Parking (ditch) lights in rear fenders - LED with stainless housings Switched in cab and when transmission is placed in reverse. The lights can be managed to shed SOPT 160a	1	
50-21-29AA	U <	Additional lighting in cab to illuminate floor area (ULC requirement) Wired to come on when a cab door is opened SOPT 998	1	
50-21-5100		> Compartment lighting - LED tube lights in each compartment (rollup doors) ENG. NOTE: Rollup doors only Small compartments over rear wheels will have 4" grommet mounted LED lights	1	MTL
50-21-5500		Door Ajar warning light Indicator light will be located in overhead console above drivers seating position. Bilingual warning label in cab to read: "Do Not Move Apparatus when Light is on" Install above driver seating position	1	MTL
50-21-5550		Equipment rack not stowed warning light Indicator lights will be located in overhead console above drivers seating position, one for PTS and one for LAS. Bilingual warning label in cab to read: "Do Not Move Apparatus when Light is on" Install above driver seating position	2	MTL
50-21-8001	S	Step lights for body steps - LED To activate when park brake is set.	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
		Will need an additional 12" H2O LED on rear - RS under rotating chute to light up the rear step/platform.		
50-21-8200	S	Step lights for chassis steps - LED To activate when park brake is set SOPT 194a	1	MTL
50-21-83AA	U <	12" LED Lumabar for rear step and Zico access ladder on rear To activate when park brake is set SOPT 307b	1	
50-21-8600		LED clearance lts and reflectors	1	MTL
50-21-8800		LED intermediate turn signal/clearance/reflector length >30'	1	MTL
50-22-0710	U	Whelen C6 LED tail/brake-turn-backup module (pr)	1	
50-31-6010	S	Scene light boxes (pr) - painted plate and tipped down angle *** To be painted aluminum and tilted like Sackville, NB M18-19773	2	MTL
50-31-6021	U <	Whelen C9SL scene light (pr) - left side Located in the upper corners of body sides as shown on the proposal drawing Switched in cab The lights can be managed to shed SOPT 39C	1	
50-31-6022	U <	Whelen C9SL scene light (pr) - Rear Located on the rear face of body above the traffic advisor as shown on the proposal drawing Switched in cab and when transmission is shifted to reverse gear. The lights can be managed to shed SOPT 39C	1	
50-31-6023	U <	Whelen C9SL scene light (pr) - right side Located in the upper corners of body sides as shown on the proposal drawing Switched in cab The lights can be managed to shed SOPT 39C	1	
50-31-6550		Ground lighting (LED Lumabar) - 2 door chassis To activate when park brake is set	1	MTL
50-31-6570		Ground lighting (LED Lumabar) - side mount body To activate when park brake is set	1	MTL
50-31-65AA	U <	Hose bed lighting - LED on front partition (ULC requirement) To activate when park brake is set SOPT 958	1	
50-35-0500	S	Installation of customer supplied mobile radio Radio information list will be filled out by their radio technician and will be e-mailed. The following radios were picked up at the pre-construction meeting of 11.01.2018: Radio 1 and mic - Icom IC-F121 Radio 2 and mic - Motorola XTL 1500	2	MTL
50-35-0560		VHF antenna with base - commercial chassis Specify any special mounting or spacing requirements otherwise will be mounted on cab roof behind light bar and cable routed to the console area.	1	MTL
50-35-0590		Cellular/TMR antenna with base - commercial chassis Specify any special mounting or spacing requirements otherwise will be mounted on cab roof behind light bar and cable routed to the console area.	1	MTL
		BODY	1	MTL
60-10-1600		Tandem axle extruded aluminum body	1	MTL
60-10-4100		No "beavertail" rear step supports	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
60-10-4600		Painted fender surround E	1	MTL
60-10-4700		Integral aluminum fender trim	1	MTL
60-10-5400		> Diamondback pumphouse steps ENG. NOTE: Maximum height of step is 24" from ground	1	MTL
60-10-5430		> Diamondback 19" rear step ENG. NOTE: Maximum height of rear step is 24" from ground	1	MTL
60-10-6000		Extruded rub rail	1	MTL
60-11-0200		> Front left side compartments intermediate height ENG. NOTE: Specify critical dimensions in shop note	1	MTL
60-11-0600		> Front right side compartments intermediate height ENG. NOTE: Specify critical dimensions in shop note	1	MTL
60-11-0900		> Rear left side compartments intermediate height ENG. NOTE: Specify critical dimensions in shop note	1	MTL
60-11-1400		> Rear right side compartments full height E ENG. NOTE: Specify critical dimensions in shop note	1	MTL
60-11-1900		> Low side compartment (up to 18") each ENG. NOTE: Specify critical dimensions in shop note Specify type of door Specify flip up or drop down Specify which side of body	4	MTL
60-11-3100		No rear compartment E	1	MTL
60-11-4500		Flush mount aluminum door - single with "D" handle Flip up type for the small compartment over the rear wheels	4	MTL
60-11-5510		Rollup door - intermediate height Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point	3	MTL
60-11-5520		Rollup door - full height Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point	1	MTL
60-11-5530		Rollup door - to enclose pump panel Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point	1	MTL
60-31-4100		Extruded aluminum handrails Minimum 2" clearance from handrail to any surface	1	MTL
60-31-5000		Zico access Ladder at rear of unit Minimum 7" clearance between rung and any obstruction	1	MTL
60-31-5500	S	Steps at rear of body (folding) w/LED lights Maximum height between steps is 18" RS only with Zico Access ladder on the left side	1	MTL
60-31-5600		Steps and grab handles at front of body next to pump panel Maximum height between steps is 18" Right side only with the roll up door on the LS panel	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
		Two folding steps required		
60-31-6500	S	Compartment matting-Interlocking tile	1	MTL
60-31-8400		Fixed vertical partition Located on Tray #1 (ref 60-31-8800)	1	MTL
60-31-8800		> Sliding tray (ea) - 600 pound capacity ENG. NOTE: Specify location	2	MTL
		Tray #1 - Left side rear compartment (L4) at floor level with partition 60-31-8400 installed in center for the SCBA brackets 80-18-0500. Tray #2 - Right side front compartment (R1) at floor level. ***Hardware requires 3-1/2" of compartment height Reflective stripe is applied on the exposed edge for visibility when the compartment door is open		
60-31-9600		> Adjustable shelf (ea) ENG. NOTE: Specify location	4	MTL
		Shelf #1 - Left side front compartment (L1) - shallow depth Shelf #2 - Left side front compartment (L1) - full depth Shelf #3 - Left side rear compartment (L4) - full depth Shelf #4 - Right side front compartment (R1) - shallow depth Reflective stripe is applied on the exposed edge for visibility when the compartment door is open		
60-32-3500		One adjustable hose divider Hand hold required in end	1	MTL
60-32-7500		Hose bed - aluminum	1	MTL
60-33-0000		Paint exterior - Imron Elite *** Paint code and colour red to match red on cab	1	MTL
60-33-0200		Undercoat vehicle with KROWN rust protection	1	MTL
60-33-0600		Chassis wheels not painted	1	MTL
60-33-1000		Paint pump and plumbing job colour	1	MTL
60-33-1500		Buffed finish compartment interior	1	MTL
60-33-2200	S	Lettering - 80 letters up to 3" tall - 3 colour *** Vinyl letters, Fire Department to provide details on location and text. The department supplied a sample of the door decal to show the coloring. The pictures are located in O:/Metalfabphotos/Road/Barrington Port Latour.	1	MTL
60-33-3200	S	Reflective stripe - 1" - 4" -1" black 50% of perimeter each side and 25% of perimeter front	1	MTL
60-33-3310		Reflective stripe - red and yellow chevron at rear Minimum 50% of rear vertical surface	1	MTL
60-33-3500	S	Tarp over hose bed - black A hose bed cover will be provided and secured to top body flanges by a stainless steel strip at front of hose bed, Velcro on each side edge and 1/4 turn snaps at the rear corners. Velcro straps will be provided on the rear of the cover to tie around the rear handrail. Color to be black. Design at front was confirmed at the Pre-construction meeting of 11.01.2018	1	MTL
60-33-4600		Aluminum cover over crosslays - with end tarps (black) A hinged aluminum crosslay hosebed cover will be provided over the Crosslays. Small tarps with Velcro straps to enclose each end are provided.	1	MTL
60-40-5500	S <	Suction hose tube (each) with door Door ajar switches required Tubes are located in the following locations; Two (2) in the body for Metalfab supplied 6" x 15' long hoses 80-11-5020	4	MTL

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		Two (2) in the hose bed for customer supplied 3" x 10' hoses Customer provided dimensions of the hose to be stored at the pre-construction meeting of 11.01.2018 OA length - end of coupling to end of coupling - 126" The tube shall be 5" x 5" and sit 6" back from the edge of the hose bed to allow the storage of a barrel strainer that is 7" in diameter.		
60-41-1015		Pike Pole tube in suction hose tube One in each of the 6" storage tubes. Note: Tubes are 2" inside diameter	2	MTL
60-41-6001		> 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	1	MTL
		Left side To be wired so only operable when park brake is engaged and flip up doors over rear wheels are closed. Flashing lights and reflective tape required at front and rear to indicate any areas that protrude beyond the body.		
60-41-6010		ZICO PTS switched at rear above tail light Switch is located on same side as electric rack - left side	1	MTL
60-41-6110		Painted plate on exterior of Zico PTS	1	MTL
60-41-7100		Tread plate on body behind porta tank rack	1	MTL
60-41-9000		> Zico electric Ladder Access system ENG. NOTE: Specify mounting location desired. If ladder(s) are customer supplied, specify overall length and width, width between side rails, rung spacing; also specify ladder brand and model	1	MTL
		Right side To be wired so only operable when park brake is engaged and flip up doors over rear wheels are closed. Flashing lights and reflective tape required at front and rear to indicate any areas that protrude beyond the body.		
60-41-9010		ZICO LAS switched at rear above tail light E Switch is located on same side as electric rack - right side	1	MTL
60-41-9100		Manual locking system for LAS Install information label at switch location to instruct operator to release locks prior to lowering the ladder.	1	MTL
		INSTRUMENTATION		
70-11-0000		Warning Label on Pump Operator's Panel	1	MTL
70-11-0501		Side mount instrument panel with rollup door LS only 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	MTL
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	MTL
70-11-3200	S	Colour coded tags The rear 2.5" 30-43-1500 color code will be yellow and the 1.5" crosslays 30-44-0500 will be Red and Blue respectively.	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
70-11-4506	U	<i>Diamondback grip type panel hood step right side</i>	1	
70-11-5100		<i>Open storage at rear top of pump house</i>	1	MTL
70-11-5500		<i>Right side tread plate pump access door</i> No opening dimension less than 18"	1	MTL
70-11-7500		<i>Heat pan-aluminum</i>	1	MTL
70-11-8000		<i>Heater in pump compartment</i> Switch for heater is located on left pump operators panel.	1	MTL
70-11-8200	U <	<i>Rubber seal around suction and discharge openings on panel</i> SOPT 483	1	
70-20-0500	S	<i>4-1/2" compound gauge - dual face 0-400</i> To be within 8" of each other - edge to edge	2	MTL
70-20-1500	S	<i>2-1/2" pressure gauge - dual face 0-400</i> Gauge to be no more than 6" from edge of the gauge to the center of the control.	5	MTL
70-20-2500		<i>Primer control</i>	1	MTL
70-20-3300		<i>FRC InControl Governor Control</i> 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
70-20-3610		<i>Remote PSTANK water level indicators each side, rear with driver E</i> Interlock with park brake so powered only when the park brake is set.	1	MTL
70-20-6500		Test gauge panel Mount below the compound gauges for proper draining	1	MTL
70-20-7500		<i>Heat exchanger control valve</i>	1	MTL
70-21-2100	>	<i>PTO Hourmeter</i> ENG. NOTE: Specify location in shop note Located near PTO switch on 20-31-7500 console in cab	1	MTL
70-21-5500		<i>Panel readout for Battery Conditioner</i> Located on left side pump panel	1	MTL
		ACCESSORIES		
80-11-5020	U <	<i>15'x6" suction hose</i> Tube mounted SOPT 149	1 2	MTL
80-12-2500		<i>6" barrel strainer</i> Shipped loose - not mounted. Customer will mount.	1	MTL
80-12-4500	>	<i>6" low level strainer with 1-1/2" venturi connection</i> ENG. NOTE: Gordon, Kochek says to start at 50 psi but max would be 100 PSI on Jet Siphon Shipped loose - not mounted. Customer will mount.	1	MTL
80-13-0500		<i>Rubber mallet</i> Shipped loose - not mounted. Customer will mount.	1	MTL
80-13-2500	S	<i>Pike pole, fibreglass handle - 10' long</i> There will be a pike pole supplied and installed in the tube 60-41-1015.	1	MTL
80-13-4000	S	<i>Axe, pick head, fibreglass handle and bracket</i> There will be a pick head axe supplied and shipped loose with the completed unit. The department will install it after the delivery.	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
80-13-4500	S	Axe, flat head, fibreglass handle and bracket There will be a flat head axe supplied and shipped loose with the completed unit. The department will install it after the delivery.	1	MTL
80-14-0500		24' 2 section extension ladder PEL 24 Mounted on LAS	1	MTL
80-14-5500		14' aluminum roof ladder PRL-14 Mounted on LAS	1	MTL
80-14-8500		10' aluminum folding attic ladder FL-10 Mounted on LAS	1	MTL
80-14-9000		Attic ladder bracket (Zico) Mounted on LAS	1	MTL
80-15-1010		3000 l gallon portable tank - Husky Liner to be yellow in color Mounted on PTS	1	MTL
80-15-7020	U	6" 45 degree Suction Elbow - Kochek KEP6L6-C45	1	
80-18-0500	<	SCBA bracket with strap - compt mount To be mounted on the vertical partition in L4 for two (2) customer supplied SCBA and two (2) customer supplied SCBA bottles	4	MTL
80-20-5040	U	Halligan tool - Flamefighter Tri-Bar FE-36 There will be a Flamefighter Tri-Bar FE-36 Halligan supplied and shipped loose with the completed unit. SOPT 1122	1	
80-99-05AA	U <	6" Double female dry hydrant adapter Shipped loose - not mounted. Customer will mount Kochek 57L66-H SOPT in file	1	