



Shop Order

Village of Doaktown
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Exp. Date: 12/29/2017
Quote No: JDONB-0017
Job/Order No: 20078
BODY: 00-10-15 Metalfab Pumper - ULC 05/13

05/09/2019

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PART NO	S	DESCRIPTION	QTY	ID
		== Metalfab Pumper - ULC 05/13 - 0.000 ==	1	MTL
	S	CHANGE ORDER F	1	MTL
00-10-1500		Metalfab Pumper 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
00-20-2100	S	Three (3) Plant Inspection Visits - 4 people	3	MTL
		Scheduling of visits to be determined.		
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
10-11-1500		> ULC Testing - Pumper	1	MTL
		ENG. NOTE: Note in the shop note if the Fire Department wishes to witness the test		
10-11-2100	S	Maximum length - 35' / 420" Target length to be 375", plus/minus 2"	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
10-11-2600	S	Preconstruction Meeting - at the Doaktown Fire Hall	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. Full day of orientation	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
10-20-1000		Hose bed capacity - standard ULC Pumper	1	MTL
10-20-2000		Equipment carrying capacity - standard ULC Pumper This vehicle is designed to carry the standard ULC miscellaneous equipment load of 2000 pounds.	1	MTL
		CHASSIS INFORMATION	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
20-11-1000	S	Chassis supplied by Metalfab - Freightliner M2 106 four door 44,600 lb GVW 14,600 front axle 30,000 rear axle 246" Wheelbase 133.2" approximate cab to axle Cummins L9 350 hp @ 2000 rpm, 2200 governed rpm 1000 lb/ft torque @ 1400 rpm 3000 EVS automatic transmission, 275 amp alternator 1350 Cu In auxiliary air tank 189 Liter fuel tank Polished aluminum wheels with stainless steel nut covers and high hats. ESC B9790 EB Vermillion Red Elite - Spray outs required and were signed off by Chief Scott Stewart 04.04.2018	1	MTL
20-11-1500		2013 Emission chassis modifications	1	MTL
20-11-1700	S	Chassis Motor Vehicle Inspection required - NB	1	MTL
20-21-0500		Fluid capacity plate	1	MTL
20-21-0600		Pumping test plate	1	MTL
20-21-1030		Maximum riders sign - 5 persons	1	MTL
20-21-1510		Seat belt warning labels - 4 door chassis	1	MTL
20-21-1560	U <	LED tire pressure indicators - Real Wheels 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
20-21-3810		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
20-31-1100		Alum tread fuel tank covers, diamond grip steps, Conv - 4 dr Continuous type steps and trim similar to M17-19396	1	MTL
20-31-1900	S	Chassis cab painted by chassis OEM	1	MTL
20-31-7500	S	Console in cab Install siren, Customer supplied radio (ref 50-35-0500), and pump shift in console. Storage area with hinged cover and lift and turn latch provided at rear of console. The storage will be separated in three (3) portions - a binder storage and the remaining area to be split equally vertically. Gray Zolatone finish	1	MTL
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
20-41-1900		Battery boost terminals with chassis E	1	MTL
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
20-41-5500	S	ON SPOT Automatic traction chains Switch to be installed beside the cruise control within easy reach of driver only.	1	MTL
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		Auto eject for air inlet - LS Mounted in left side cab step area rearward of DEF tank as shown on the proposal drawing.	1	MTL
20-51-6200	S	> 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 Locations: Receptacle #1 - On the back wall for the battery conditioner to plug into Receptacle #2 - On the back corner of the console towards the officer seat NOTE: Must be minimum 12" from floor level to meet ULC.	2	MTL
20-51-6500		Kussmaul Autocharge 1000 battery conditioner w/battery saver Located under or behind rear seats in cab	1	MTL
20-51-7101	S	Electric System Management - VMUX	1	MTL
20-51-7500		Super Auto eject for 120 v - 20 A with sealed enclosure Mounted in left side cab step area rearward of DEF tank as shown on the proposal drawing.	1	MTL
20-51-8500	S	Engine compartment light - LED Switched with park brake	1	MTL
20-51-9001	S	Air horns with dual lanyard controls supplied by chassis manufacturer	1	MTL
20-52-3500		> Chassis steering wheel lined up by Metalfab E ENG. NOTE: Freightliner, Sterling, and Spartan only	1	MTL
20-52-4000	S	Rear View Camera system Rearview Systems STM5600 with 5.6" color monitor in cab mounted on the upper portion of the dash where room permits.	1	MTL
20-60-0400		Chassis wheelbase does not change	1	MTL
		PUMP AND PLUMBING		
30-11-8100		Hale QMAX 1250 IGPM single stage pump	1	MTL
30-12-3500		Mechanical seal for Hale QMID/QMAX/QTWO pumps	1	MTL
30-15-0103		Plumbing - Hale manifold pump SM E	1	MTL
30-20-0500		Valves and controls - side mount panel	1	MTL
30-20-1003	S	Elkhart valves for the suction and discharges	1	MTL
30-20-1500		Piping galvanized steel - general	1	MTL
30-20-1700	S	1-1/2" thread specifications - NPSH	1	MTL
30-20-1800	S	2-1/2" thread specifications - BCT Customer to supply sample male and female hose couplings	1	MTL
30-20-2000		Piping hydrostatic test	1	MTL
30-20-2505		Anodes in suction and discharge piping not requested	1	MTL
30-21-5500		Tank to Pump 3" w/ check valve manifold pump	1	MTL
30-22-0500		Tank Fill valve 2"	1	MTL
30-31-4010	S	Suction - 6" gated each side manifold pump Both 6" suctions will be extended out to allow the use of the 90-degree suction elbow (80-11-6000)	1	MTL
30-31-7200	S	> Hale master intake suction valve - electric control ENG. NOTE: Required for top mount panels Show location in Shop Note	2	MTL

PART NO	S	DESCRIPTION	QTY	ID
		Left side and right side 6" inlets are gated. Both controls will be on the left side pump panel and the manual over ride will be mounted beside each respective suction.		
30-32-7500		Suction - 2-1/2" left side, bleeder, Hale manifold pump	1	MTL
30-40-2000	S	4" right discharge, plumbed 3", bleeder, Hale manifold pump	1	MTL
30-41-2000		2-1/2" RS discharge, bleeder, Hale manifold pump	1	MTL
30-41-2500		2-1/2" LS discharge, bleeder, Hale manifold pump	2	MTL
30-42-8500	S	1-1/2" rear discharge, plumbed 2"	2	MTL
		Both discharges will be installed in the hose bed at the front partition that separates the water/foam fills and the hose bed. The discharges will be on either side of the walkway like Centreville, NB M17-19195. Both discharges will be plumbed for foam.		
30-43-1500		2-1/2" rear discharge, plumbed 2-1/2", bleeder	2	MTL
		One each side over the back compartment as shown on the proposal drawing		
30-44-8500	S	> Hose reel, 1" X 200', nozzle, electric - compartment mounted	1	MTL
		ENG. NOTE: Compartment mounted only - special mounting at additional cost		
		Floor mounted in back compartment. Rollers are installed to allow hose to be removed and rewound without damaging body components. Akron 4802 pistol grip nozzle *****Order nozzle with 40 GPM flow option**** The hose reel will be plumbed for foam.		
30-51-0500		Pump shift-Midship air	1	MTL
		***Includes "Pump Engaged" and "OK to Pump" indicator lights on chassis instrument panel ***Includes "Throttle Ready" indicator light on Pump operating panel		
30-51-0700		Pump Gearbox mounted manual over ride for pump shift E	1	MTL
30-51-6810		FRC InControl Governor/Throttle engine display with buttons	1	MTL
30-51-7000		Suction side relief V/V, manifold pump	2	MTL
30-51-7721	U <	Automatic Trident Air primer with gauge - 3 location	1	
		Plumbed to the following locations; Location #1 - Main pump Location #2 - outboard of LS MIV Location #3 - outboard of RS MIV SOPT 586		
30-51-8100		Heat exchanger included with chassis	1	MTL
30-52-1000		Master drain V/V, 12 port	1	MTL
30-52-2000		Drain valve for foam system header	1	MTL
30-52-4010	S	Foam System - Hypro FoamPro 1600	1	MTL
		Outlets to be foam solution capable to be both 1-1/2" rear discharges (30-42-8500) and the hose reel (30-44-8500).		
30-52-9100		Foam concentrate label at foam tank fill	1	MTL
30-52-9200		Foam System Instruction Plates	1	MTL
30-52-9400		NFPA Foam System certification test	1	MTL
		WATER AND FOAM TANKS	1	MTL
40-11-2100	S	Polypropylene water tank (Imperial gallons)	1	MTL
40-11-2200		Water tank capacity certification (tank manufacturer)	1	MTL
40-11-5500	S	Tank capacity 1200 Imperial Gallons	1	MTL
40-12-5000	S	Foam cell - 30 Imperial gallon	1	MTL
40-21-0500		3" 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
40-30-0500		Sump drain valve (3" gate valve) with linkage E	1	MTL
40-30-1000		Water Fill Box front left corner	1	MTL
40-31-0400		Rear dump valve not requested E	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
40-31-8000		4" Storz rear gtd fill Located in back compartment right of the hose reel. Plumb fill out close to toll up door for easy hose hook-up.	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: MASTER -LIGHT BAR RED -LIGHT BAR WHITE -REAR BEACONS -FLASHING WARNING -DITCH LIGHTS -REAR FLOODS The switches will be mounted in the center ceiling console from Freightliner.	1	MTL
50-11-1400		Federal PA300 100 watt siren	1	MTL
50-11-1620		Siren speaker, 100 watt, in front bumper	1	MTL
50-11-2600		Siren to be accessible to driver and officer	1	MTL
50-11-5810	S >	Federal emergency light package ENG. NOTE: Adds 6.5" to overall height (measuring from roof of chassis)	1	MTL
50-11-5812	U <	Federal LPX53DS-NFPA lightbar SOPT 798	1	
50-11-6501	S	Rear Directional Light not requested	1	MTL
50-11-8900		Rear beacons-Federal Sentry (pr) 1 red, 1 amber The right side beacon is red, the left side beacon is amber.	1	MTL
50-12-5040	U	Front flashers - LED (pr) - Red Federal IMPAXX IPX300-4 SOPT #1118	1	
50-12-5150	U	Rear flashers - LED (pr) - Red Federal IMPAXX IPX300-4 SOPT #1126	1	
50-12-5230	U	Front side intersection lights - LED (pr) - Red Federal IMPAXX IPX300-4 SOPT #1119	1	
50-12-5340	U	Body side intersection lights - LED (pr) - Red Federal IMPAXX IPX300-4 Mounted in rear fenders - one forward and one rear each side as shown on the proposal drawing. SOPT #1115	2	
50-21-1505	U <	Unity LED flood lights The 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 SS housing Switched in cab and also activated when transmission is placed in reverse gear. These lights will be managed to shed. SOPT 160a	1	
50-21-2535	U	FRC telescoping SPECTRA LED 12V flood (ea) SPA530-Q15-SW-ON-NS-SR-A Mounted on front of pump house as shown on the proposal drawing. Switched on the pump panel, hazard switch wired to the equipment not stowed warning light in cab No scratch option. These lights will be managed to shed.	2	

PART NO	S	DESCRIPTION	QTY	ID
50-21-29AA	U <	Additional lighting to illuminate cab floor area (ULC requirement) - 4 door SOPT 998a	1	
50-21-5100	>	Compartment lighting - LED tube lights in each compartment (rollup doors) ENG. NOTE: Rollup doors only Small compartment over the right side rear wheels will have 4" grommet mounted LED lights.	1	MTL
50-21-5500		Door Ajar warning light Light is located in overhead console in cab over drivers seating position Bilingual Warning label in cab to read: "Do Not Move Apparatus when Light is on"	1	MTL
50-21-5550	S	Equipment not stowed warning light For the LAS and the telescoping lights Light is located in overhead console in cab over drivers seating position Bilingual Warning label in cab to read: "Do Not Move Apparatus when Light is on"	1	MTL
50-21-8001		Step lights for body steps - 4" LED Switched with park brake.	1	MTL
50-21-8201	U <	12" Lumabar LED step lights for four door chassis Switched with park brake. SOPT 194	1	
50-21-83AA	U <	12" LED Lumabar for rear step Switched with park brake. 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
50-22-0700	S	Whelen 64 LED tail/brake-turn-backup module (pr)	1	MTL
50-31-6560		Ground lighting (LED Lumabar) - 4 door chassis Switched with park brake.	1	MTL
50-31-6570		Ground lighting (LED Lumabar) - side mount body Switched with park brake.	1	MTL
50-35-0500	U	Price Adjustment	1	
50-35-0500	S	Provision for customer installed mobile radio The radios will be: 1. Customer supplied Kenwood radio that measures 6-1/2" wide x 1-1/2" high 2. Provincial TMR radio Metalfab will install the antenna bases 50-35-0560 and run the cables to the console 20-31-7500. The holes and mounting tabs will be provided in the console. The power wires will be wired through the master switch.	2	MTL
50-35-0560	U	Price Adjustment	1	
50-35-0560	S	VHF antenna with base - commercial chassis	2	MTL
50-99-10AA	U <	Hose bed cover lights - 40" Lumabar Switched with park brake. SOPT 209	1	
		BODY	1	MTL
60-10-1400		Single axle extruded aluminum body	1	MTL
60-10-4100		No "beavertail" rear step supports	1	MTL
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

PART NO	S	DESCRIPTION	QTY	ID
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
60-11-0300		> Front left side compartments full height E 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
60-11-1000		> Rear left side compartments full height E ENG. NOTE: Specify critical dimensions in shop note	1	MTL
60-11-1300		> Rear right side compartments intermediate height ENG. NOTE: Specify critical dimensions in shop note	1	MTL
60-11-1900		< > Low side compartment (up to 18") each Right side ENG. NOTE: Specify critical dimensions in shop note Specify type of door Specify flip up or drop down Specify which side of body	1	MTL
60-11-2000		< > High side compartment (over 18") each Left side ENG. NOTE: Specify critical dimensions in shop note Specify type of door Specify flip up or drop down Specify which side of body	1	MTL
60-11-3200	S	> Full Height Rear compartment ENG. NOTE: Specify critical dimensions in shop note Dropped floor for hose reel. The rear compartment to be as tall as possible.	1	MTL
60-11-4500		Flush mount aluminum door - single with "D" handle For the right side compartment over rear wheels. Drop down type door.	1	MTL
60-11-5500		Rollup door - standard height Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point	1	MTL
60-11-5510		Rollup door - intermediate height Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point	2	MTL
60-11-5520		Rollup door - full height Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point	3	MTL
60-11-5530		Rollup door - to enclose pump panel Natural aluminum finish	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
		Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point		
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	Lighted steps at rear of body (folding) - right side only Maximum height between steps is 18" Four required.	1	MTL
60-31-5600	<	Steps and grab handles at front of body next to pump panel Right side only - Maximum height between steps is 18"	1	MTL
60-31-6500	S	Compartment matting-Interlocking tile	1	MTL
60-31-8700	U	Price Adjustment	4	
60-31-8700	S	> Sliding tray (ea) - 400 pound capacity with gas strut ENG. NOTE: Specify location	3	MTL
		Reflective stripe is applied on the exposed edge for visibility when the compartment door is open Location of trays: Tray # 1 - Bottom of L1 compartment Tray # 2 - Bottom of L3 compartment Tray # 3 - Bottom of R3 compartment		
60-31-9600	U	Price Adjustment	4	
60-31-9600	S	> Adjustable shelf (ea) ENG. NOTE: Specify location	6	MTL
		Reflective stripe is applied on the exposed edge for visibility when the compartment door is open The adjustable shelf location will be determined at the first shop visit. Shelf # 1 - L1 shallow Shelf # 2 - L1 shallow Shelf # 3 - L2 Full depth Shelf # 4 - L3 shallow Shelf # 5 - L3 shallow Shelf # 6 - This will be in the rear compartment and will be as big as possible above the hose reel and beside the direct tank fill		
60-32-3550	S	Two adjustable hose divider (each) and 2 fixed to support hose bed cover Hand hold required in end There will be two (2) adjustable dividers and two (2) fixed to create the walkway 60-99-35AA.	1	MTL
60-32-7500		Hose bed - aluminum	1	MTL
60-33-0000		Paint exterior - Imron Elite *** 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	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 lettering will match their last truck M08-10963 and the truck # will be "3"	1	MTL
60-33-3000		Reflective stripe - 4" white 50% of perimeter each side and 25% of perimeter front	1	MTL

PART NO	S	DESCRIPTION	QTY	ID
60-33-3310		Reflective stripe - red and yellow chevron at rear Minimum 50% of rear vertical surface Printed Scotchlite material	1	MTL
60-33-4700		No crosslay preconnects on vehicle E	1	MTL
60-33-5000	S	Aluminum cover over hose bed with end tarps - black E Door ajar switches required Rear flaps with Velcro straps will be provided on the rear of the cover to tie around the rear handrail or footman's loops. The covers will not cover the center walkway (60-99-35AA)	1	MTL
60-40-5500	S	Suction hose tube (each) with door Rear access, door ajar switch required Tubes will house the 6" x 12' suction hoses 80-11-50AA	2	MTL
60-40-8500		> Tail light box Fire Extinguisher tubes (pr) ENG. NOTE: Specify size/dimensions of Fire extinguishers to be stored To house the the 20# dry chemical fire extinguisher 80-17-0500 and the 15# C02 fire extinguisher.	2	MTL
60-40-851A	U	Adjustment bracket 1006-Y to hold extinguisher in tube	2	
60-41-1015		Pike Pole tube in suction hose tube To store the 10' pike pole 80-13-2500 and 6' pike pole 80-13-2510.	2	MTL
60-41-9000	S	> 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 Right side over compartments for Customer' ladders. To be wired so only operable when park brake is engaged and drop down door over right side rear wheels is closed. Flashing lights and reflective tape required at front and rear to indicate any areas that protrude beyond the body. Customer to specify make, model and dimensions of ladders to be stored. Ladder #1 Make - Duo Safety Model - 24' 2-section OA Length - 172" OA Height - 21-3/4" OA Thickness - 5-1/2" Ladder #2 Make - Alco Lite Model - 14' roof ladder OA Length - 170" OA Height - 18-9/16" OA Thickness - 3" Center to center distance between rungs - 14" rung middle to rung middle Nestled thickness is 8-1/2"	1	MTL
60-41-9010		ZICO LAS switched at rear above tail light E Switch is located on same side as electric rack	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
60-91-0500	S	> Compartment SCBA Storage rack E ENG. NOTE: Specify location and number of cylinders to be stored There will be two (2) rows of tubes at the bottom of the R1 compartment with an	1	MTL

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		aluminum plate above to act as a surface to house gear. The tubes will have a loop webbing to secure the bottles in each tube. Customer to specify Make, model and dimensions of cylinders to be stored: Make - Scott Model - 2216 PSI OA Length of cylinder - 23-1/2" Diameter of cylinder - 6-1/2"		
60-99-35AA	U <	18" wide walkway in the hose bed w/LED lights SOPT 629	1	
		The hose bed will have a 18" wide walkway with embossed aluminum. The walkway will be illuminated with LED lights that are activated with the application of the park brakes.		
		INSTRUMENTATION	1	MTL
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		Colour coded tags	1	MTL
70-11-3210	U	Class 1 chrome bezels for tags	1	
70-11-4500		Diamondback grip type panel hood step right side	1	MTL
70-11-5100	S	Open storage top of pump house Drain holes required. Plastic interlocking tile matting on floor No lighting required	1	MTL
70-11-5500		Right side tread plate pump access door No opening dimension less than 18"	1	MTL
70-11-7500		Heat pan-aluminum	1	MTL
70-11-8000		Heater in pump compartment	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.	9	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
70-20-3510		Electric water level gauge on pump panel and at rear, Class One	1	MTL
70-20-6500		Test gauge panel	1	MTL
70-20-7500		Heat exchanger control valve	1	MTL
70-21-1600	S	Electric Foam Level gauge not requested	1	MTL
70-21-5500		Panel readout for Battery Conditioner Mounted in left side cab step area rearward of DEF tank as shown on the proposal drawing.	1	MTL
71-21-4500		Speaker on pump panel Pre-wired to console area in cab	1	MTL
		ACCESSORIES	1	MTL
80-11-5000	U	Price Adjustment	2	
80-11-50AA	U	6" x 12' suction hose The suction hoses will be 12' long to utilize all the available length inside the body.	2	

PART NO	S	DESCRIPTION	QTY	ID
80-11-6000	U <	6" 90-degree suction elbow - Kocheck KEP6L6-C90 Shipped loose - not mounted - Customer will mount SOPT 584	1	
80-12-2500		6" barrel strainer Shipped loose - not mounted - Customer will mount	1	MTL
80-12-2700	S	6" floating strainer	1	MTL
80-12-4500	>	6" low level strainer with 1-1/2" venturi connection ENG. NOTE: Gordon, Kocheck 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		Rubber mallet Shipped loose - not mounted - Customer will mount	1	MTL
80-13-1000	S	Hose wrenches (double) with holder Mounting location: Set # 1 - Inside the rear compartment at Metalfab's suggested location Set # 2 - On the right side pump panel	2	MTL
80-13-1100	S	Hose wrenches (triple) with holder Mounting location to be on the side wall of the left side pump panel compartment.	1	MTL
80-13-2500		Pike pole, fiberglass handle - 10' long Tube mounted	1	MTL
80-13-2510		Pike pole, fiberglass handle - 6' long Tube mounted	1	MTL
80-17-0500	S	20# dry chemical fire extinguisher Tube mounted	1	MTL
80-17-1000	S	15# CO2 fire extinguisher Tube mounted	1	MTL
80-18-0600		SCBA brkt w/strap - ZICO ULLH - crew cab mount Installed in SCBA type seats in cab	4	MTL
80-19-0500	S	Large folding wheel chock - aluminum (ea) Mounting location will be at the compartment depth change in the compartment	2	MTL
80-19-0600	S >	Horizontal bracket for folding wheel chock (ea) ENG. NOTE: Specify location, otherwise ship loose Mounting location will be at the compartment depth change in the compartment	2	MTL
80-99-05AA	U	NB25X50Y25 - 2.5" double jacket hose x 50' length in yellow There will be six (6) lengths of 2.5" x 50' yellow double jacket hose supplied with the unit.	6	
80-99-10AA	U	HFX25X50Y25 - 2.5" rubber 50' length yellow There will be 8 lengths of 2.5" x 50' yellow rubber hose supplied with the unit.	8	
80-99-15AA	U	HFX17X100Y15 1.75" rubber hose x 100' There will be 8 lengths of 1.75" x 100' yellow rubber hose supplied with the unit.	8	
80-99-25AA	U	Akron 4820 1-1/2" Assault nozzle with pistol grip There will be Akron 4820 1.5" pistol grip nozzles supplied with the unit.	4	

