



Shop Order-00-10-15: Unclassified

Metalfab LTD - 2016 Demo Unit

Exp. Date: 09/09/2015
 Quote No: RMEDEMO-0010 Job/Order No: 18868
 BODY: 00-10-15 Metalfab Pumper - ULC 05/13

02/09/2017

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PART NO	S	STN CODE	DESCRIPTION	QTY	ID
			== Metalfab Pumper - ULC 05/13 - 0.000 ==	1	MTL
	S		Change Order D	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
00-20-1600			Waterous Pump Warranty - 5 years	1	MTL
00-20-1800			Ultra 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
10-11-0110			Vehicle data recorder included with chassis	1	MTL
10-11-1101	S		ULC S515-13 and NFPA 1901-2009 Compliance	1	MTL
10-11-1500		>	ULC Testing - Pumper	1	MTL
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	1	MTL
10-11-3500		>	Delivery - FOB Metalfab, Training at Metalfab	1	MTL
10-11-4200	S		Payment Terms - Chassis and Body COD	1	MTL
10-20-1000			Hose bed capacity - standard ULC Pumper	1	MTL
10-20-2000			Equipment carrying capacity - standard ULC Pumper	1	MTL
			CHASSIS INFORMATION	1	MTL
20-11-1000	S		Chassis supplied by Metalfab - 4 door Freightliner M2 106	1	MTL
20-11-1500			2013 Emission chassis modifications	1	MTL
20-11-1700	S		Chassis Motor Vehicle Inspection by chassis supplier - Nova Center	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
20-21-1520			Helmet warning label - do not wear helmet	4	MTL
20-21-153A	U		LED Tire Pressure Indicators - Real Wheels	1	MTL
20-21-1600			Apparatus Information Label	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

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
20-21-3810			Front mudflaps provided with chassis	1	MTL
			E		
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	1	MTL
20-31-1500	>		Special compartments in chassis steps	2	MTL
			E		
20-31-1900			Chassis cab not painted E	1	MTL
20-31-4700	>		Extend front bumper, gravshld with preconnected hosewell	1	MTL
			E		
20-31-7500			Console in cab	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	1	MTL
20-41-1500			Extend exhaust pipe - RS front of rear wheels	1	MTL
			E		
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	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
20-51-3100			Air inlet not required	1	MTL
20-51-3400			Protection valve installed for air operated accessories	1	MTL
20-51-6200	S	>	120 volt 20 A shore line connection	2	MTL
20-51-6600			Kussmaul Pump Plus conditioner/compressor	1	MTL
20-51-7100			Electric System Manager	1	MTL
20-51-7500			Super Auto eject for 120 v - 20 A with sealed enclosure	1	MTL
20-51-8500			Engine compartment lights (pair)	1	MTL
20-51-9001	S		Air horns on cab hood, with Chassis - foot switch controls	1	MTL
20-52-3500		>	Chassis steering wheel lined up by Metalfab	1	MTL
			E		
20-52-40AA	U		Rear View Camera and Side View Camera System	1	
20-60-0400			Chassis wheelbase does not change	1	MTL
			PUMP AND PLUMBING	1	MTL
30-11-3002			Waterous CXVPA 1250 PTO driven pump - 1050 IGPM	1	MTL
30-15-0304			Plumbing - non manifold pump SM SS	1	MTL
			E		
30-20-0501			Valves and controls - compartment mounted panel	1	MTL
			E		
30-20-1003			Elkhart valves specified	1	MTL
30-20-1620	S		Piping stainless steel - non manifold pump	1	MTL
30-20-1700	S		1-1/2" thread specifications - Red Head Storz	1	MTL
30-20-1800	S		2-1/2" discharge thread specifications - Red Head Storz	1	MTL
30-20-2000			Piping hydrostatic test	1	MTL
30-20-2510	S		Anodes in suction and discharge piping - non manifold pump	1	MTL
30-21-5520			Tank to Pump SS 3" w/ check valve non manifold pump	1	MTL
30-22-0520			Tank Fill valve 2" SS	1	MTL
30-31-4020			Suction - 6" not gated each side SS non manifold pump 6" header	1	MTL
30-32-7550	S		Suction - 2-1/2" left side SS, bleeder, non manifold pump	1	MTL
30-40-2006	S		4" right discharge, plumbed 3", non manifold pump	1	MTL
30-41-2040	S		2-1/2" RS discharge SS, bleeder, non manifold pump	1	MTL
30-41-2540	S		2-1/2" LS discharge SS, bleeder, non manifold pump	2	MTL
30-43-1520	S		2-1/2" rear discharge SS, plumbed 2-1/2", bleeder	1	MTL
30-44-0720	S		1-1/2" speedlay (each) front of pumphouse SS, plumbed 2"	2	MTL
30-44-1041	U		Elkhart Sidewinder EXM wireless remote monitor on front bumper	1	
30-44-10AA	U		2-1/2" front discharge SS	1	

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
30-51-0400			Pump shift - PTO Pump and Roll	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
30-51-7000	S		Suction side relief V/V, manifold pump	1	MTL
30-51-8100			Heat exchanger included with chassis	1	MTL
30-52-1000	S		Master drain V/V, 12 port	1	MTL
30-52-2000			Drain valve for foam system header	1	MTL
30-52-5510	S		Foam system-Hypro FoamPro 2001 Single Tank	1	MTL
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
30-99-05AA	U		Trident air primer - 3 barrel, single location, remote mounted	1	
			WATER AND FOAM TANKS	1	MTL
40-11-2100			Ultra-Tank water tank (Imperial gallons)	1	MTL
40-11-2200			Water tank capacity certification (tank manufacturer)	1	MTL
40-11-5000	S		Tank capacity 1000 Imperial Gallons	1	MTL
40-12-4500	S		Foam cell - 20 Imperial gallon	1	MTL
40-13-0100	S	>	Through the tank tunnel - up to 1200 gallon tank	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
40-23-1000			1" foam level gauge connection	1	MTL
40-30-0400			3" plug in sump box	1	MTL
40-30-1000			Water Fill Box front left corner	1	MTL
40-31-0400			Rear dump valve not requested E	1	MTL
40-31-6050			Rear fill not requested E	1	MTL
			ELECTRICAL	1	MTL
50-11-0500			Base electrical system	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	1	MTL
50-11-0900			Rocker switch panel with master warning switch	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
50-11-3500	S		Horn ring transfer switch	1	MTL
50-11-5811	S	>	Federal Navigator NVG60-NFPA6 light bar	1	MTL
50-11-7600	S		Federal SL8S-A Latitude Signal Master - surface mount	1	MTL
50-11-8001		>	Rear beacons not required E	1	MTL
50-12-5020	S		Front LED flashers (pr)-red Federal QL64SFC-CR	1	MTL
50-12-5110	S		Rear LED flashers (pr)-red Federal QL64SFC-RA	1	MTL
50-12-5120	S		Rear LED flashers (pr)-red Federal QL97XFC-R	1	MTL
50-12-5210	S		Front side inter lts (pr)-red LED Federal QL64XFC-R	1	MTL
50-12-5310	S		Body side inter lts (pr)-red LED Federal QL64XFC-R	1	MTL
50-12-5320	S		Body side warning lights (pr)-red LED Federal QL97XFC-R	2	MTL
50-12-8000			Additional body side intersection light not required	1	MTL
50-21-16AA	U		Parking (ditch) lights in rear fenders - LED w/SS housing	1	
50-21-5100		>	Compartment lighting - LED tube lights in each compartment (rollup doors)	1	MTL
50-21-5500	S		Door Ajar warning light	2	MTL
50-21-8001			Step lights for body steps - 4" LED	1	MTL
50-21-8201	S		Step lights for chassis steps - LED	1	MTL
50-21-8600			LED clearance lts and reflectors	1	MTL
50-21-8800			LED intermediate turn signal/clearance/reflector length >30'	1	MTL
50-22-0800			Federal 4 QuadraFlare LED tail/brake-turn-backup-warning module (pr)	1	MTL
50-31-6006		>	Scene lights (pr) - Federal QL97 LED	3	MTL
50-31-6011			Scene light boxes not required	3	MTL
			E		

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
50-31-6610			Ground lighting (4" LED) - 4 door chassis	1	MTL
50-31-6620			Ground lighting (4" LED) - side mount body	1	MTL
50-99-10AA	U		Lighting for rear step/platform - LED Lumabar H20	1	
50-99-15AA	U		Lighting for Zico Access ladder at rear	1	
50-99-20AA	U		Hose bed lights under HB Covers, 40" LED lumabar H20, wired to door ajar	1	
50-99-25AA	U		Lighting for walkway in center of hose bed area - LED H20 Lumabars	1	
			BODY	1	MTL
60-10-1400	S	<	Single axle extruded aluminum body Rear to have an 18" inset step above the rear compartment Full width hose bed with walkway in center	1	MTL
60-10-4100			No "beavertail" rear step supports	1	MTL
60-10-4500			Aluminum tread plate fender surround - single axle	1	MTL
60-10-4700			Integral aluminum fender trim	1	MTL
60-10-5440	S	>	Diamondback 12" rear step	1	MTL
60-10-6500			Bolt on extruded aluminum rub rail	1	MTL
60-11-0300		>	Eront left side compartments full height E	1	MTL
60-11-0700		>	Front right side compartments full height E	1	MTL
60-11-1000		>	Rear left side compartments full height E	1	MTL
60-11-1400		>	Rear right side compartments full height	E 1	MTL
60-11-2000		>	High side compartment (over 18") each	2	MTL
60-11-2500	S	>	Intermediate height rear compartment	1	MTL
60-11-5500	S		Rollup door - standard height - ROM	2	MTL
60-11-5520	S		Rollup door - full height - ROM	5	MTL
60-31-4100			Extruded aluminum handrails	1	MTL
60-31-5000			Zico access Ladder at rear of unit	1	MTL
60-31-6500			Compartment matting-Turtle tile	1	MTL
60-31-8000	S		BA bottle compt (ea)-fender well	4	MTL
60-31-8800	S	>	Sliding tray (ea) - 600 pound capacity	3	MTL
60-31-9600		>	Adjustable shelf (ea)	7	MTL
60-32-3550	S		Two fixed hose divider (each)	1	MTL
60-32-7500			Hose bed - aluminum	1	MTL
60-33-0000			Paint exterior - Imron Elite	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			Lettering - 80 letters up to 3" tall - 3 colour	1	MTL
60-33-3300	S		Reflective stripe - special graphics - TBD	1	MTL
60-33-3310			Reflective stripe - red and yellow chevron at rear	1	MTL
60-33-3600			Reflective stripe - inside entry doors	1	MTL
60-33-4000	S		End Tarps over speedlay openings - mesh type	1	MTL
60-33-41AA	U		Mesh over Adjustable shelves in front left compartment	1	
60-33-5000	S		Aluminum cover over hose bed with end tarps - mesh type	1	MTL
60-40-5000	S		6" Hose tubes as per 40-13-0100	2	MTL
60-40-9001	S	>	Tube mount for ladders, under tank	1	MTL
60-99-05AA	U		Cast Products license plate holder with LED light	1	
60-99-20AA	U		Top mount "Coffin" compartment	1	
			INSTRUMENTATION	1	MTL
70-11-0000			Warning Label on Pump Operator's Panel	1	MTL
70-11-0500			Side mount instrument panel	1	MTL
70-11-10AA	U		Linkage controls in LS front compartment	1	
70-11-1500			Stainless steel instrument panels	1	MTL
70-11-3200			Colour coded tags	1	MTL
70-11-33AA	U		Class 1 chrome tag bezels for colour coded tags	1	

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
70-11-4000			<i>Stainless steel side panel hood right side</i>	1	MTL
70-11-4100			<i>Stainless steel side panel hood left side</i>	1	MTL
70-11-5500	S		<i>Right side pump access</i>	1	MTL
70-11-7600	S		<i>Heat pan-aluminum for Waterous pump</i>	1	MTL
70-11-8000			<i>Heater in pump compartment</i>	1	MTL
70-20-1500	S		<i>2-1/2" pressure gauge - dual face 0-600</i>	7	MTL
70-20-15AA	U		<i>2-1/2" Pressure gauge in cab</i>	1	
70-20-3300			<i>FRC InControl Governor Control</i>	1	MTL
70-20-3500	S		<i>Electric water level gauge on pump panel, FRC</i>	1	MTL
70-20-36AA	U		<i>FRC MAXVISION tank level indicator bars (pr)</i>	1	
70-20-6500			<i>Test gauge panel</i>	1	MTL
70-20-7500			<i>Heat exchanger control valve</i>	1	MTL
70-20-7600			<i>Pump cooler control valve</i>	1	MTL
70-21-1500	S		<i>Electric Foam Level gauge</i>	1	MTL
70-21-2100		>	<i>PTO Hourmeter</i>	1	MTL
70-21-5500	S		<i>Readout for Battery Conditioner</i>	1	MTL
			ACCESSORIES	1	MTL
80-11-5000			<i>6" x 10' lightweight suction hose (ea)</i>	2	MTL
80-12-2500			<i>6" barrel strainer</i>	1	MTL
80-13-0500			<i>Rubber mallet</i>	1	MTL
80-14-0500			<i>24' 2 section extension ladder PEL 24</i>	1	MTL
80-14-5500			<i>14' aluminum roof ladder PRL-14</i>	1	MTL
80-18-0600			<i>SCBA brkt w/strap - ZICO ULLH - crew cab mount</i>	4	MTL
80-19-0500			<i>Large folding wheel chock - aluminum (ea) not mounted</i>	2	MTL