



Metalfab LTD - 2017 HEAT Demo Unit

Exp. Date: 09/30/2016  
 Quote No: RHEATDEMO-0006 Job/Order No: 19390  
 BODY: 00-10-15 Metalfab Pumper - ULC 05/13

05/02/2017

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
			<b>== Metalfab Pumper - ULC 05/13 - 0.000 ==</b>	<b>1</b>	<b>MTL</b>
	<b>S</b>		<b>Change Order D</b>	<b>1</b>	<b>MTL</b>
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
<b>00-20-1600</b>			<b>Waterous Pump Warranty - 5 years</b>	<b>1</b>	<b>MTL</b>
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
<b>10-11-0110</b>			<b>Vehicle data recorder included with chassis</b>	<b>1</b>	<b>MTL</b>
<b>10-11-1101</b>	<b>S</b>		<b>ULC S515-13 and NFPA 1901-2013 Compliance</b>	<b>1</b>	<b>MTL</b>
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
10-11-2300			Overall length is less than 30'	1	MTL
10-11-2500			General Construction	1	MTL
<b>10-11-3000</b>			<b>Manuals - two copies</b>	<b>1</b>	<b>MTL</b>
10-11-3500		>	Delivery - FOB Metalfab, Training at Metalfab	1	MTL
<b>10-11-4200</b>	<b>S</b>		<b>Payment Terms - Chassis and Body COD</b>	<b>1</b>	<b>MTL</b>
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
<b>20-11-1000</b>	<b>S</b>		<b>Chassis supplied by Metalfab - 4 door Freightliner M2 106</b>	<b>1</b>	<b>MTL</b>
20-11-1500			2013 Emission chassis modifications	1	MTL
<b>20-11-1700</b>	<b>S</b>		<b>Chassis Motor Vehicle Inspection by chassis supplier - Valley Equipment</b>	<b>1</b>	<b>MTL</b>
<b>20-21-0500</b>			<b>Fluid capacity plate</b>	<b>1</b>	<b>MTL</b>
<b>20-21-0600</b>			<b>Pumping test plate</b>	<b>1</b>	<b>MTL</b>
<b>20-21-1030</b>			<b>Maximum riders sign - 5 persons</b>	<b>1</b>	<b>MTL</b>
<b>20-21-1510</b>			<b>Seat belt warning labels - 4 door chassis</b>	<b>1</b>	<b>MTL</b>
<b>20-21-1520</b>			<b>Helmet warning label - do not wear helmet</b>	<b>4</b>	<b>MTL</b>
<b>20-21-153A</b>	<b>U</b>		<b>LED Tire Pressure Indicators - Real Wheels</b>	<b>1</b>	<b>MTL</b>
<b>20-21-1600</b>			<b>Apparatus Information Label</b>	<b>1</b>	<b>MTL</b>
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

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20-21-3810			<b>Front mudflaps provided with chassis</b>	1	MTL
			<b>E</b>		
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			<b>Alum tread fuel tank covers, diamond grip steps, Conv - 4 dr</b>	1	MTL
20-31-1500		>	<b>Special compartments in chassis steps</b>	1	MTL
			<b>E</b>		
20-31-1900			Chassis cab not painted	1	MTL
			E		
20-31-7500			<b>Console in cab</b>	1	MTL
20-41-0600			Intake air shutoff for engine not required	1	MTL
20-41-0900			<b>Auxiliary braking system disabled when pumping</b>	1	MTL
20-41-1100			Transmission programming - Allison WT	1	MTL
20-41-1500			Extend exhaust pipe - RS front of rear wheels	1	MTL
			<b>E</b>		
20-41-1900			Battery boost terminals with chassis	1	MTL
			E		
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			<b>Master Battery Disconnect included with Freightliner chassis</b>	1	MTL
20-51-2500			<b>Back up alarm included with chassis</b>	1	MTL
20-51-3100			<b>Air inlet not required</b>	1	MTL
20-51-3400			Protection valve installed for air operated accessories	1	MTL
20-51-6200	S	>	<b>120 volt 20 A shore line connection</b>	2	MTL
20-51-6600			<b>Kussmaul Pump Plus conditioner/compressor</b>	1	MTL
20-51-7100			<b>Electric System Manager</b>	1	MTL
20-51-7500			<b>Super Auto eject for 120 v - 20 A with sealed enclosure</b>	1	MTL
20-51-8510	U		<b>Engine compartment lights LED (pair)</b>	1	
20-52-3500		>	<b>Chassis steering wheel lined up by Metalfab</b>	1	MTL
			<b>E</b>		
20-60-0400			Chassis wheelbase does not change	1	MTL
20-99-0010	U		<b>Chrome nut covers and hub caps</b>	1	
			PUMP AND PLUMBING	1	MTL
30-11-3002			<b>Waterous CXVPA 1250 PTO driven pump - 1050 IGPM</b>	1	MTL
30-15-0303			<b>Plumbing - non manifold pump SM</b>	1	MTL
			<b>E</b>		
30-20-0501			<b>Valves and controls - compartment mounted panel</b>	1	MTL
			<b>E</b>		
30-20-1001			Valve brand not specified	1	MTL
			E		
30-20-1640	S		<b>Piping galvanized steel - Non Manifold pump</b>	1	MTL
30-20-1700	S		<b>1-1/2" thread specifications - NPSH</b>	1	MTL
30-20-1800	S		<b>2-1/2" thread specifications - CSA</b>	1	MTL
30-20-2000			<b>Piping hydrostatic test</b>	1	MTL
30-21-5510			<b>Tank to Pump 3" w/ check valve non manifold pump</b>	1	MTL
30-22-0500			<b>Tank Fill valve 2"</b>	1	MTL
30-31-4000			<b>Suction - 6" not gated each side non manifold pump 6" header</b>	1	MTL
30-32-7520			<b>Suction - 2-1/2" left side, bleeder, non manifold pump</b>	1	MTL
30-40-2006			<b>4" right discharge, plumbed 3", non manifold pump</b>	1	MTL
30-41-2006			<b>2-1/2" RS discharge, bleeder, non manifold pump</b>	1	MTL
30-41-2506			<b>2-1/2" LS discharge, bleeder, non manifold pump</b>	2	MTL
30-43-1500			<b>2-1/2" rear discharge, plumbed 2-1/2", bleeder</b>	1	MTL
30-44-0700	S	<	<b>1-1/2" speedlay (each) front of pumphouse, plumbed 2"</b>	2	MTL
			<b>Pull out Aluminum trays</b>		
			<b>Capacity for 200' x 1-3/4" hose and nozzle</b>		
30-51-0400			<b>Pump shift - PTO Pump and Roll</b>	1	MTL
30-51-1500			<b>Power shift PTO - Automatic transmission</b>	1	MTL
30-51-1501			<b>PTO driveshaft</b>	1	MTL
			E		
30-51-6800			<b>FRC InControl Governor/Throttle engine display with throttle knob</b>	1	MTL

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30-51-7000			<i>Suction side relief V/V, manifold pump</i>	1	MTL
30-51-7500			<i>Primer electric vane type 12V with oil tank Waterous</i>	1	MTL
30-51-8100			<i>Heat exchanger included with chassis</i>	1	MTL
30-51-8500			<i>Pump cooler with control valve, check valve</i>	1	MTL
30-52-1000			Master drain V/V, 12 port	1	MTL
			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
40-11-4500	S		<i>Tank capacity 800 Imperial Gallons</i>	1	MTL
40-21-1000			<i>4" tank to pump connection</i>	1	MTL
40-22-0500			<i>2" tank fill connection</i>	1	MTL
40-23-0500			<i>1" water level gauge connection</i>	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	1	MTL
40-31-6050			Rear fill not requested	1	MTL
			ELECTRICAL	1	MTL
50-11-0500			Base electrical system	1	MTL
50-11-0600			<i>Warning Light Certification</i>	1	MTL
50-11-0700			<i>Low Voltage Electrical system test</i>	1	MTL
50-11-0800			<i>Low Voltage Electrical System Documents</i>	1	MTL
50-11-0900			<i>Rocker switch panel with master warning switch</i>	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			<i>Siren to be accessible to driver and officer</i>	1	MTL
50-11-6110	S		<i>Whelen light package</i>	1	MTL
50-11-6131	U		<i>Whelen Justice LE2NFPA LED Light bar</i>	1	MTL
50-11-8001		>	<i>Rear beacons not required</i>	1	MTL
50-12-8500	S		<i>Front LED flashers (pr)-Whelen red LED 400</i>	1	MTL
50-12-8631	U		<i>Rear upper level LED flashers (pr) - Whelen M7R red with red lens</i>	1	MTL
50-12-8700	S		<i>Front side inter lts (pr) - Whelen red LED 400</i>	1	MTL
50-12-8800	S		<i>Body side inter lts (pr)-Whelen red LED 400</i>	1	MTL
50-21-1505	U		<i>Rear floods (pr) - Unity LED</i>	1	MTL
50-21-5100		>	<i>Compartment lighting - LED tube lights in each compartment (rollup doors)</i>	1	MTL
50-21-5500			<i>Door Ajar warning light</i>	2	MTL
50-21-8001			<i>Step lights for body steps - 4" LED</i>	1	MTL
50-21-8201	S		<i>Step lights for chassis steps - 12" Lumabar LED x 8</i>	1	MTL
50-21-8600			LED clearance lts and reflectors	1	MTL
50-22-0750	S		<i>Whelen 64 LED CAST 4V tail/brake-turn-backup-warning module (pr)</i>	1	MTL
50-31-6610			<i>Ground lighting (4" LED) - 4 door chassis</i>	1	MTL
50-31-6620			<i>Ground lighting (4" LED) - side mount body</i>	1	MTL
50-99-10AA	U		<i>Lighting for rear step/platform - LED Lumabar H20</i>	1	MTL
50-99-15AA	U		<i>Lighting for Zico Access ladder at rear</i>	1	MTL
50-99-20AA	U		<i>Hose bed lights under HB Covers, 40" LED lumabar H20, wired to door ajar</i>	1	MTL
50-99-25AA	U		<i>Lighting for walkway in center of hose bed area - LED H20 Lumabars</i>	1	MTL
			BODY	1	MTL
60-10-1400	S	<	<i>Single axle extruded aluminum body</i> 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
60-10-4600			Painted fender surround	1	MTL
60-10-4700			Integral aluminum fender trim	1	MTL
60-10-5440	S	>	<i>Diamondback 12" rear step</i>	1	MTL
60-10-6500			<i>Bolt on extruded aluminum rub rail</i>	1	MTL
			E		

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
60-11-0300		>	Front 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	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	2	MTL
60-11-5520	S		Rollup door - full height	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
60-31-8001	U		BA bottle compt (ea) - fender well	4	
60-31-8010	U		Strap to secure SCBA Cylinder in tube (ea)	4	
60-31-9600		>	Adjustable shelf (ea)	2	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
60-33-0500			Paint chassis wheels job colour with silver trim	1	MTL
60-33-1000			Eaint 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
60-33-3200	S		Reflective stripe - 1" - 4" -1"	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 shelf in front left compartment	1	
60-33-5000	S		Aluminum cover over hose bed with end mesh type tarps	1	MTL
60-40-5500			Suction hose tube (each) with door	2	MTL
60-40-9001	S	>	Tube mount for ladders, under tank	1	MTL
60-41-1015			Pike Pole tube in suction hose tube	2	MTL
60-99-0010	U		Adjustable shelf tracking in low/high side compartments	3	
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	
70-11-4000			Stainless steel side panel hood right side	1	MTL
70-11-4100			Stainless steel side panel hood left side	1	MTL
70-11-5500	S		Right side pump access	1	MTL
70-11-7600			Heat pan-aluminum for Waterous pump	1	MTL
70-11-8000			Heater in pump compartment	1	MTL
70-20-1500			2-1/2" pressure gauge - dual face 0-600	7	MTL
70-20-2500			Primer control	1	MTL
70-20-3300			FRC InControl Governor Control	1	MTL
70-20-3500			Electric water level gauge on pump panel, Class One	1	MTL
70-20-6500			Test gauge panel	1	MTL
70-20-7500			Heat exchanger control valve	1	MTL
70-20-7600			Pump cooler control valve	1	MTL
70-21-2100		>	PTO Hourmeter	1	MTL
70-21-5500	S		Readout for Battery Conditioner	1	MTL
			ACCESSORIES	1	MTL
80-11-5000			6" x 10' lightweight suction hose (ea)	2	MTL

