

Town of Amher PO Box 516 62 Albion Stree Amherst, NS B4	t	1
Sales Rep: Gordon Green Metalfab Ltd. Drawing #: Est. Delivery D Customer PO a Customer #: QPF #:		Terms: Chassis and body Net 30 days Completed vehicle to be delivered within 365 days of the June 28.2019 order date FT-11251 / / 4500065530 624
Quote No: Job/Order No: 06/08/2020	Amhe 2105	erst, NS-0007 4 Page 1
PART NO	QTY	DESCRIPTION
	1	== Metalfab Pumper - ULC 05/13 - 0.000 ==
	1	CHANGE ORDER B
00-10-1500	1	Metalfab Pumper E
00-20-1000	1	Company Profile E
00-20-1501	1	Extended Body Warranty - One year bumper to bumper All warranty work is FOB Amherst.
00-20-1550	1	Metalfab Limited Ten (10) Year Paint and Corrosion Warranty
00-20-1700	1	Hale Pump Warranty - 5 years
00-20-1800	1	
00-20-1800	1	Plant Visits - unlimited at customer expense
00-20-2000 00-20-2500	1	
00-20-2500	1	Corrected the Drawing number on the Shop Order from FT-10871 to FT-11251 as discussed at the pre-construction meeting of 10.07.2019.
00-20-3000		No Bonding Requested
00-20-3500	1	Certification for Fusion Welding of Aluminum
00-20-4000	1	
00-20-4500	1	Fire Apparatus Manufacturers' Association Membership
	1	GENERAL INFORMATION
10-11-0000	1	Intent E
10-11-0110	1	Vehicle data recorder included with chassis
10-11-1101	1	
		Engine brake will activate brake lights (w/Spartan)
		68 MPH top speed (by Spartan)
10-11-1500	1	ULC Testing - Pumper
10-11-2100		Maximum length - 28' (336")
10-11-2200		Maximum height - 9' - 06" (114")
	-	Note: GoLight 50-99-10AA exceeds this height
10-11-2300	1	Overall length is less than 30'
10-11-2500	1	General Construction
10-11-3000		Manuals - two copies
10 11-0000	1	***Two copies of manuals are required.

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PART NO	QTY	DESCRIPTION
10-11-3600		Delivery - FOB Fire Department
10-11-4300		Payment Terms - Chassis and Body NET 30
10-20-1400	1	Hose capacity exceeding ULC/NFPA requirements
		The main hose bed shall carry
		500' - 4"
		300' - 2-1/2"
		300' - 1-1/2"
		***Extra weight allocation of 230 pounds
10-20-2000	1	
	1	CHASSIS INFORMATION
20-11-1000	1	Chassis supplied by Metalfab - Spartan Metro Star w/10" raised roof
		Spartan Metro Star MFD
		44,000 lb GVWR 20,000 lb front axle 24,000 lb rear axle
		171" Wheelbase 117" cab to axle 90" Overhang
		Cummins L9 400 hp @ 2100 rpm 2200 governed rpm
		1250 ft-lb torque @ 1400 rpm
		Allison 3000 EVS automatic transmission, 5 speed
		1710 drive line series
		50 US gallon fuel tank
		Vista display in cab - LH only
		270 amp alternator
		A/C not requested
		Polished aluminum wheels with trim shipped loose
		Two tone paint - PPG FBCH 91776 white over FBCH 708720 Red
		Spartan will provide one set of spray outs for Customer sign off which was approved at
		the pre-construction meeting of 10.07.2019.
		Engineering to confirm jack shaft center line dimensions
		Center of front axle to pump suction - 75"
		Center of rear axle to pump suction - 96"
20-11-1500	1	2013 Emission chassis modifications
20-11-1700	1	Chassis Motor Vehicle Inspection required - NS
20-21-0500		Fluid capacity plate
		Locate below driver's seat
20-21-0600	1	Pumping test plate
		The test plate is to be riveted to the pump panel to prevent loss of plate (glue did not hold
		on M17-19432).
		· · · · · · · · · · · · · · · · · · ·
20-21-1040	1	Maximum riders sign - 6 persons
20-21-1510		Seat belt warning labels - 4 door chassis
20-21-1520	1	Helmet warning label - do not wear helmet
20-21-1530	1	Tire Pressure Indicators - Single Axle
	-	Tire pressure label near each wheel location.
20-21-1600	1	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"
20-21-2500	1	Shifter lock not required E
20-21-2500	1	
20-21-3810	-	Front mudflaps provided with chassis E
20-21-3010	1	Rear mudflaps - Metalfab Logo
20-21-4000	1	Fuel tank or step covers not required
20 01-0100	1	

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PART NO	QTY	DESCRIPTION
20-31-0200		Fuel fill label -Ultra Low Sulfur Diesel only
20-31-1900		Chassis cab painted two tone by Spartan
20-41-0900		Auxiliary braking system disabled when pumping
20-41-1100	1	Transmission programming - Allison WT
20-41-1500	1	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.
20-41-1900	1	Battery boost terminals with chassis E
20-41-2000	1	Chassis batteries remain in OEM location
20-41-2550	1	Fuel fill at LS rear fender well
20-41-2600	1	Chassis fuel tank remains in OEM location
20-41-5000	1	
		*** Flat bar tow hooks under rear step (2)
20-51-0700	1	Master Battery Disconnect included with chassis
20-51-2700		Back up alarm - self adjusting E
20-31-2700	_	Install in place of OEM back up alarm
20-51-3100	1	Air inlet provided with chassis
20-01-0100	,	Auto air eject included with the Spartan chassis
		Auto all eject included with the opartal chassis
20-51-3400	1	Protection valve installed for air operated accessories
20-51-6501		Battery charger and auto eject with chassis
20-51-0501	1	Kussmaul Auto Charge 40 with 20 Amp auto eject included with the Spartan chassis
		Russinaul Auto Charge 40 with 20 Amp auto eject included with the Spanan chassis
20 51 7102	1	Electric System Management included with chassis
20-51-7102	1	Electric System Management included with chassis
20-51-8505	1	Engine compartment light included with chassis - LED
20-51-9001		Air horns in front bumper with chassis
20-52-3500	1	- ···· J ··· J ··· J
20-52-4003	1	
		Located at rear over roll up door as shown on the proposal drawing.
		Install an aluminum treadplate shield to match M17-19432
		If possible wire so the audio is rendered inoperative.
20-60-0400	1	Chassis wheelbase does not change
	1	PUMP AND PLUMBING
30-11-8100	1	Hale QMAX 1250 IGPM single stage pump
30-12-3400	1	
30-15-0104	1	
30-20-0500		Valves and controls - side mount panel
30-20-1001	1	
		See SOPT in file and reference to PO #59877
		Discuss with Customer - Hale (Class One) stainless steel valves are no longer available -
		Akron valves with stainless balls are recommended as a replacement
		which was approved by Chief Greg Jones at the pre-construction meeting of 10.07.2019.
30-20-1600		Piping stainless steel - general
30-20-1700		1-1/2" thread specifications - NPSH
30-20-1800		2-1/2" thread specifications - NSZ1
		3.234 x 5 TPI
		Department supplied a male and female sample thread at the pre-construction meeting of
		10.07.2018 which was turned over to inventory control on 10.08.2019.
30-20-2000	1	Piping hydrostatic test
30-20-2500		Anodes in suction and discharge piping
20 20 2000		Install one anode on discharge side of pump, one anode on suction side of pump - do not use
		teflon tape or thread sealant.
		Paint flange silver and mask brass anode before painting for visibility.
		r and hange offer and mach prace anode before painting for visibility.

PART NO	QTY	Page
30-21-5560		Tank to Pump SS 3" w/ check valve manifold pump
		Tank for Fully SS S W check valve manifold pullip Tank Fill valve 2" SS
30-22-0520	-	
30-31-4010		Suction - 6" not gated each side manifold pump
30-32-7530		Suction - 2-1/2" left side SS, bleeder, Hale manifold pump
30-32-8030		Suction - 2-1/2" right side SS, bleeder, Hale manifold pump
30-40-2020	1	4" right discharge SS, plumbed 3", bleeder, Hale manifold pump
30-41-2020		2-1/2" RS discharge SS, bleeder, Hale manifold pump
30-41-2520		2-1/2" LS discharge SS, bleeder, Hale manifold pump
30-43-1520		2-1/2" rear discharge SS, plumbed 2-1/2", bleeder
00 40 1020		One each side over the back roll up door as shown on the proposal drawing.
		Right side is foam compatible
		Right side is roam compatible
~		
30-44-0520		1-1/2" crosslay (each) SS, 2" valve, bleeder
		Equipped with stainless steel rollers on each end
		Capacity for 200' x 1-3/4" hose per crosslay. Crosslays to be as low as possible.
		Both Crosslays are to be foam compatible
30-44-6520	1	Piping for monitor SS, plumbed 3", bleeder
00 44 0020		For the TFT monitor and riser 80-99-15AA centered in the open storage area over pump
		house. The monitor piping mounts must be sturdy and tightened properly (mounting
		hardware came loose on M17-19432).
30-51-0500		Pump shift-Midship air
		***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	1	Pump Gearbox mounted manual over ride for pump shift E
30-51-1500		Power shift PTO - Automatic transmission
30-31-1300		
		For the hydraulic generator
30-51-1501		PTO driveshaft E
30-51-6640		Class One "TPG Plus" Governor/Throttle
		Presets will be programmed at 100 psi and 1100 rpm unless otherwise specified.
30-51-7000	1	Suction side relief V/V, manifold pump
		To be Elkhart Style 40 - Metalfab p/n 1540568
30-51-7700	1	Primer Hale oil less ESP with oil tank Hale
30-31-7700		
		Indicator light on panel to show when primer is operating
30-51-8100		Heat exchanger included with chassis
30-51-9100	1	Thermal Relief Valve with warning light
30-52-1000	1	Master drain V/V, 12 port
30-52-2000	1	Drain valve for foam system header
30-52-5610		Foam system-Hypro FoamPro 2001 Dual Tank
00 02 0010		Foam system is plumbed to both Crosslays and the right 2-1/2" rear discharge. The foam
		system piping must be tightened properly (some piping was over tightened on M17-19432
		which cracked some connections and caused leaks).
30-52-6500		FoamPro dual tank selector valve (manual)
30-52-9100	2	Foam concentrate label at foam tank fill
30-52-9200	1	Foam System Instruction Plates
30-52-9400		NFPA Foam System certification test
	1	WATER AND FOAM TANKS
40-11-2100	-	Polypropylene water tank (Imperial gallons)
40-11-2200		
		Water tank capacity certification (tank manufacturer)
		Tank capacity 600 Imperial Gallons
40-11-4500	2	Foam cell - 20 Imperial gallon
40-11-4500		3" tank to pump connection
40-11-4500 40-12-4500	1	

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PART NO	QTY	DESCRIPTION
40-23-0500		1" water level gauge connection
40-23-1000		1" foam level gauge connection
40-30-0400		3" plug in sump box
40-30-1000	1	Water Fill Box front left corner
40-31-0400	1	Rear dump valve not requested E
40-31-6050	1	
	1	ELECTRICAL
50-11-0400	1	Base electrical system - Spartan multiplex
50-11-0600	1	
50-11-0700		Low Voltage Electrical system test
50-11-0800	1	Low Voltage Electrical System Documents
		As required by ULC and NFPA standards
50-11-2010	1	Federal Q2B mechanical siren
		***Controlled by foot switch at both driver and officer positions.
		See 50-11-22AA
50-11-22AA	1	Installation of Q2B siren through front bumper of Spartan chassis
JU-11-22AA		The Q2B will be recessed into the right side of the front bumper in place of the electric
		siren due to the new location of the air filter and limited room behind the chassis grill.
		The siren will be flush with the bumper to stay within the overall lenght of the project. As
		approved by Chief Greg Jones by e-mail on 06.02.2020.
		approved by Chief Greg Jones by e-mail on 06.02.2020.
50-11-2500	1	Siren and speaker with Spartan chassis
		Whelen 295HFS2 siren complete with speaker in front bumper included with the Spartan
		chassis.
		The siren speaker will move to the center of the bumper to make room for the Q2B siren -
		50-11-22AA. As approved by Chief Greg Jones by e-mail on 06.02.2020
50-11-6110	1	Whelen light bar included with chassis
		Light bar is a Freedom IV 72" with 5 red and two blue Rota-Beams, 4 red LED light
		modules, 2 clear LED light modules and 2 clear take down lights.
50-11-6501	1	Rear Directional Light not requested
50-11-86AA		Whelen R416RF Rear Beacons - Rota-Beam (pr)
		P/N 1571002
		SOPT in file
50-12-8521	1	Front flashers, intersection lights included with chassis, Whelen 600
50-12-8610		Rear LED flashers (pr)-Whelen Amber LED 600 with integral flasher - upper
00 12 0010		One each side - upper level
50-12-8810	1	Body side inter Its (pr)-Whelen red LED 600 with integral flasher
50-12-8810 50-12-90AA		Whelen 500 LED flasher - red (pr) in rubrail - one each side
50-12-90AA	1	
		P/N 1570940
		Located in rub rails - 2 each side to match M17-19432
		Switched with flashing warning lights
50-21-1100	1	Hand held spot light, cab mounted
		Located in cab at Officers position - to match M17-19432
		See pic 4230 for bracket and hold down strap (PAC - p/n 1562676 with yellow strap)
50-21-1505	1	Unity LED rear floods (pr)
		Switched on light head and with Vista
		These lights cannot be managed
50-21-2560	1	FRC 750-Watt, 120-Volt telelight (ea) - switched on light head
		Mounted right side on back of cab to match M17-19432
		FCA530-S75-RB-ON-SR-H
		Р/N 1032101

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PART NO	QTY	DESCRIPTION
50-21-5100	1	Compartment lighting - LED tube lights in each compartment (rollup doors)
50-21-5500	1	Door Ajar warning light
		With chassis
		Bilingual warning label in cab to read:
		"Do Not Move Apparatus when Light is on"
50-21-8001	1	Step lights for body steps - 4" LED
		Switched when park brake is set and clearance lights are on.
50.04.0000	4	LED alegarance the and reflectors
50-21-8600 50-21-8605		LED clearance Its and reflectors Cast Products license plate holder with LED light
50-21-8005	'	Located left side inboard of tail light module
50-22-0750	1	Whelen 64 LED CAST 4V tail/brake-turn-backup-warning module (pr)
50-31-40AA		6 KW Hydraulic Generator
		Smart Power to match M17-19432
		Location on top behind foam fill towers.
		FROG control in cab within easy reach of driver.
		······································
50-31-6505	1	Ground lighting included with chassis E
50-31-65AA		Hose bed lighting - LED on front partition
		Switched when park brake is set and clearance lights are on.
50-31-6620	1	Ground lighting (4" LED) - side mount body
		Switched when park brake is set and clearance lights are on.
50-35-0510	1	Provision for (wiring) for Customer's supplied and installed radio's
		12 Volt power and ground wires shall be provided - located behind switch panel and
		clearly labeled. There must be a provision for a VHF and TMR radio (one provision for
		each antenna base supplied by Spartan - refer 50-35-0559).
50 05 0550	4	
50-35-0559	1	Mobile radio antenna base provided by Spartan
		Two antenna bases are supplied with the Spartan chassis with cable run to behind the
		switch panel in cab.
50-99-0010	1	Bussman fuse(s) for electrical components
30-33-0010	1	The pump primer, electric cab tilt pump and other options are protected by Bussman
		fuses.
50-99-10AA	1	GoLight - Model 30214 with snap on flood lens cover
	-	One (1) GO Light 30214 LED light with a 30-degree beam will be provided. The light will
		be mounted on the left side rear of the pump house on an adjustable raised mount so that
		the maximum height of the light shall not exceed eleven (11) feet.
		There shall be a remote control mounted on the pump panel to control the direction
		(Minimum directions shall be right to left, up and down) of the go light beam and the
		switching on and off of the GO light. To match M17-19432.
		P/N 1032095
51-31-3020	1	240 volt wiring for hydraulic generator - GFI breakers
		Breaker panel located low on front wall of the front left side compartment
		Circuits for the following:
		Two (2) NEMA L5-20-R 20 amp with weatherproof covers one on each side of the
		apparatus at the wheel wells (forward most).
		One (1) NEMA L5-20-R 20 amp with weatherproof cover located on the lower right side
		pump panel.
		One (1) 240-volt NEMA L6-20-R 20 amp with weatherproof cover located on the lower left
		side pump panel.
		one circuit for the 50-99-05AA 750 watt flood light Note that Neutral is bonded to chassis ground.
		1016 that 146uttal 15 boliucu to cha5515 ground.

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PART NO	QTY	DESCRIPTION	
51-31-4500	1		
	1	BODY	
60-10-1400	1	Single axle extruded aluminum body	
60-10-4100	1	No "beavertail" rear step supports	
60-10-4500	1	Aluminum tread plate fender surround - single axle	
60-10-4700	1	Integral aluminum fender trim	
60-10-5400	1	Diamondback pumphouse steps	
60-10-5450		Diamondback 10" rear step	
60-10-6500	1		
60-11-0300	1	Front left side compartments full height E	
60-11-0700	1		
60-11-1000	1	Rear left side compartments full height E	
60-11-1400	1	Rear right side compartments full height E	
60-11-2000	2	High side compartment (over 18") each	
60-11-3200	1	Full Height Rear compartment	
60-11-5500	2	Rollup door - standard height	
		Natural aluminum finish	
		Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point	
60-11-5520	5	Rollup door - full height	
		Natural aluminum finish	
		Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point	
60-11-5530	1	Rollup door - to enclose pump panel	
		Natural aluminum finish	
		Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point	
60-11-5650	2	Amdor pull straps - Flex - HD - L2, R2	
		Order with doors	
60-11-5660	5	Amdor pull straps - Flex-HD L1, L3, R1, R3 and LS pump door	
		Order with doors	
60-31-4100	1		
		Minimum 2" clearance from handrail to any surface.	
		Locate handrails to match M17-19432	
60-31-5500	1	Steps at rear of body (folding) with LED lights	
		Maximum height between steps is 18"	
60-31-5600	1	Steps with LED lights at front of body next to RS pump panel	
		Maximum height between steps is 18"	
60-31-5700	1	Pull out step under body (each) - under pump operator's compartment (L1)	
		To match M17-19432	
		20" Lumabar required for the ground light	
60-31-6500		Compartment matting - plastic interlocking tile	
60-31-8003	3	Double SCBA bottle tubes in rear fender (ea)	
		Door ajar switch required	
		Retaining straps required	
		The tubes must be tipped to allow water to drain out. The tubes in M17-19432 retain water	
		on the bottom slot and the tubes must be wiped down daily where the trucks are washed	
		at the start of every shift.	
60-31-8800	1	Sliding tray (ea) - 600 pound capacity	
		Located at floor level in the back compartment	
		***Hardware requires 3-1/2" of compartment height	
		Reflective stripe is applied on the exposed edge for visibility when the compartment door	
		is open	

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PART NO QT	
60-31-9600	5 Adjustable shelf (ea)
	Locations as follows;
	Left side front compartment - full depth
	Left side front compartment - full depth
	Right side front compartment - full depth
	Right side front compartment - shallow depth
	Back compartment - full depth
	Reflective stripe is applied on the exposed edge for visibility when the compartment door
	is open
60-32-3560	1 Three adjustable hose divider (each)
	Hand hold required in end. There will be a third adjustable hose bed divider as requested at the
	pre-construction meeting of 10.07.2019.
60-32-7500	1 Hose bed - aluminum
	The main hose bed shall carry
	500' - 4"
	300' - 2-1/2"
	300' - 1-1/2"
60-33-0100	1 Paint exterior - Imron Elite and clearcoat E
00-33-0100	*** Paint code and colour red to match cab.
60-33-0200	1 Undergost vehicle with KROWN rust protection
	Undercoat vehicle with KROWN rust protection Chassis wheels not painted
60-33-0600	
60-33-1000	1 Paint pump and plumbing job colour
60-33-1500	1 Buffed finish compartment interior
60-33-2200	1 Lettering - 80 letters up to 3" tall - 3 colour
	*** Vinyl letters, Fire Department to provide details on location and text.
	There will be "Amherst" in an arc over "No.2" in a straightline and "Fire Dept" in an arc
	below on the front chassis doors
	There will be a customer supplied door decal of their crest on the rear chassis doors.
	There will be a customer supplied "Dial 911" on the rear chassis doors.
	The customer supllied decals will be provided before the start of the build as discussed
	atthe pre-construction meeting of 10.07.2019.
60-33-3200	1 Reflective stripe - 1" - 4" -1" white
	50% of perimeter each side and 25% of perimeter front - to match M17-19432.
	Prepare drawing to go with Pre-construction package which was reviewed at the
	pre-construction meeting of 10.07.2019. The only change required is the stripe must
	continue on the pump panel rollup door.
60-33-3310	1 Reflective stripe - red and yellow chevron at rear
	Diamond grade material
	Minimum 50% or rear vertical surface
	Match M17-19432 - cover all the rear except the rollup door.
60-33-3500	1 Tarp over hose bed - black
00-33-3300	A hosebed cover will be provided and secured to top body flanges by quarter turn snaps
	at front of hosebed and Velcro on each side edge of the cover. A weighted flap will be
	furnished at the front of the cover, and Velcro straps will be provided on the rear of the
	cover to tie around the rear handrail. Color to be black.
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60-33-4600	1 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.
60-40-4500	2 6" Hose tray - side mount (ea) with tread plate scuff plates
	Aluminum treadplate scuff plate each end

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PART NO	QTY	DESCRIPTION
60-40-9000	1	Tube mount for ladders, with rear door Right side - to store the 24' two section ladder 80-14-0500, 14' roof ladder 80-14-5500 and
		the 10' attic ladder 80-147-8500. Door is smooth painted aluminum. Door ajar switch required.
60-41-1000	1	Pike Pole tube with door
00 41 1000		To store the 8' pike pole 80-13-2500 and the 4' pike pole with "D" handle 80-13-2520.
		Aluminum treadplate door will flip down (to match M17-19432
60-99-05AA	1	Storage for two (2) three (3) inch binders on front interior wall of L2
		To match M17-19432 - see pic 4178
60-99-10AA	2	Gear compartment - horizontal and vertical partitions (ea) in L4 and R3
		Compartment locations: Left rear side and right rear side compartments
		Shall have one (1) fixed horizontal divider 20"(inches) up from the bottom of the compartment, followed by one (1) fixed horizontal divider 20"(inches) up from the first fixed horizontal divider and one (1) full length vertical fixed divider creating two (2) equal compartments per shelf, approx. 15"(inches) wide x 20"(inches) high x 12"(inches) deep (Minimum). Each compartment shall have a total of six (6) divided compartments. To match M17-19432.
		Interlocking tile required on all horizontal surfaces
	1	INSTRUMENTATION
70-11-0000	1	Warning Label on Pump Operator's Panel
70-11-0501	1	
		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	1	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 ***Layout to match M17-19432***
70-11-3200	1	Colour coded tags
	-	To match M17-19432
70-11-4500	1	Diamondback grip type panel hood step right side
70-11-5100	1	
		With partitions out board of the TFT monitor - to match M17-19432
		The floor will be covered with interlocking tile, there will be drain plumbed to an area below the frame rails of the chassis and the area will be illuminated to meet ULC.
70-11-5500	1	Right side tread plate pump access door
	•	No opening dimension less than 18"
		Slot required for Primer level viewing - slot to be forward toward hinge to match M17-19432 (and to clear ladders)
70-11-7500	1	Heat pan-aluminum
70-11-8000		Heater in pump compartment
		Switched on left side pump operator's panel
70-20-2130	9	2-1/2" pressure gauge - dual face 0-400
		Thuemling gauges - Gauge to be no more than 6" from edge of the gauge to the center of the control.
70-20-2500	1	Primer control
70-20-2500	1	
		Throttle can be no lower than 42" and no higher than 72" from operator's standing position.

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PART NO	QTY	DESCRIPTION	
70-20-3500 70-20-6500		Electric water level gauge on pump panel, Class One	
70-20-6500	1	Test gauge panel Mount below the compound gauges for proper draining	
70-20-7500	1	Heat exchanger control valve	
70-21-1500	2	Electric Foam Level gauge on pump panel, Class One	
		Include access to and room for sender in front of body and back of pump house	
	1	ACCESSORIES	
80-11-5000	2	6" x 10' lightweight suction hose (ea)	
		Mounted in trays on left side of body	
80-12-2500	1	<i>6" barrel strainer</i> Shipped loose, not mounted.; Customer will mount in Customer supplied bracket.	
80-13-0500	1	Rubber mallet	
		Shipped loose, not mounted.; Customer will mount in Customer supplied bracket.	
80-13-2500	1	Pike pole, fibreglass handle - 8' long	
		Tube mounted	
80-13-2520	1	Pike pole, fibreglass handle - 4' long - "D" handle	
		Tube mounted	
80-14-0500	1	24' 2 section extension ladder PEL 24	
00 14 0000	1	Tube mounted	
80-14-5500	1	14' aluminum roof ladder PRL-14	
00-14-0000	,	Tube mounted	
80-14-8500	1	10' aluminum folding attic ladder FL-10	
80-14-8300	1	Tube mounted	
80-19-0500	2	Large folding wheel chock - aluminum (ea) not mounted Mounted under L1 compartment ahead of rear wheels	
80-19-0600	2	Horizontal bracket for folding wheel chock (ea)	
		Mounted under L1 compartment ahead of rear wheels	
80-99-0010	1	Touch up paint, 1 pint each - red and white	
80-99-15AA		TFT Hurricane monitor and riser	
		1521696 - XFIH-EL1A Hurricane RC Monitor	
		1521671 - Y4E-RP Panel mount controller 1521697 - M-ERP1250NJ Master stream Nozzle 1250 GPM	
		1521670 - XGA38VL-RL Extend-A-Gun	
		1521673 - XGB-33 Saddle brackets for Extend-A-Gun	
		SOPT 933 Ref PO #60056	