



Shop Order

Inverness Fire Department
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Sales Rep: Ryan Stacey Metalfab Ltd	Terms: Chassis Net 10 days Body and Equipment - COD
Drawing #: FT-11689	
Est. Delivery Date: / /	
Customer PO #: Signed Feb 21-2024	Penalty:
Customer #: 83	None
QPF #:	

Exp. Date: 08/07/2021
Quote No: RINNS-0014
Job/Order No: 23295
BODY: 00-10-26 Metalfab Walk In - 05/13

03/12/2025

PART NO	QTY	DESCRIPTION
== Metalfab Walk In - 05/13 - 0.000 ==		
Change Order D		
00-05-0010	1	Dealer - Metalfab
00-10-2500	1	Metalfab Walk in Rescue/Equipment Unit
00-20-1000	1	Company Profile
00-20-1500	1	Standard Body Warranty
00-20-1550	1	Metalfab Limited Ten (10) Year Paint and Corrosion Warranty
00-20-2000	1	Plant Visits - unlimited at customer expense
00-20-3000	1	No Bonding Required
00-20-3500	1	Certification for Fusion Welding of Steel and Aluminum
00-20-4000	1	Quality System registered to ISO 9001:2015
00-20-4500	1	Fire Apparatus Manufacturers' Association Membership
GENERAL INFORMATION		
10-11-0000	1	Intent
10-11-0110	1	Vehicle data recorder included with chassis
10-11-01AA	1	Body seats wired to chassis VDR
		Two seats (60-90-05AA) in the body will be ordered with seat belt and seat cushion sensors which will be wired to display in the cab to show when a firefighter is seated but not belted.
10-11-0700	1	ULC 515 2024 Compliance
		Reference ULC S515:
		Chapter 3 - General Requirements
		Chapter 10 - Special Services Apparatus
		Chapter 11 - Chassis

PART NO	QTY	DESCRIPTION
		Chapter 12 - Low Voltage Electrical/Warning
		Chapter 13 - Driving and Crew Areas
		Chapter 14 - Body
10-11-2010	1	ULC Testing - Special Services Vehicle - no pump
10-11-2100	1	Maximum length - 341"
10-11-2200	1	Maximum height 13'-7"
		Maximum height for trucks in Nova Scotia
10-11-2300	1	Overall length is less than 30'
10-11-2500	1	General Construction
10-11-3000	1	Manuals - two copies
		***Two copies of chassis manuals are required.
10-11-3600	1	Delivery - FOB Fire Department
10-11-4000	1	Payment Terms - Chassis Net 10 days, Balance COD
10-20-2630	1	Equipment carrying capacity - ULC/NFPA SSV 30,001 to 40,000 GVW
		CHASSIS INFORMATION
20-11-1010	1	Freightliner M2 106 Plus 4 door chassis
		L5994EY Harvester Red - paint approved May 13-24
		35,000 GVW - 12 FA, 23 RA
		233" WB, 120" CA, 70" AF
		Wheelbase to be adjusted to 212" by Valley upon arrival
		DD8-350 @2200/ 2600 gov / 1050 torque @ 1200
		3000 EVS 6 speed
		ESC, aluminum wheels and trim
		5 person cab - 4 x SCBA seats
20-11-10AA	1	Chassis Dealer - Valley Equipment
		PO 78436
20-11-1700	1	Chassis Motor Vehicle Inspection required - NB
20-21-0500	1	Fluid capacity plate
20-21-1050	1	Maximum riders sign - 7 persons
20-21-1510	1	Seat belt warning labels - 4 door chassis
20-21-1515	2	Seat belt warning labels - Rescue interior seat
20-21-1520	2	Helmet warning label - do not wear helmet
		Located in chassis cab and in body
20-21-1550	1	Tire Pressure Indicators included with chassis
		Bendix TPMS
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"
20-21-2000	1	Non removable key
20-21-2500	1	Shifter lock not required

PART NO	QTY	DESCRIPTION
20-21-3500	1	Rear step warning label
20-21-3810	1	Front mudflaps provided with chassis
20-21-4000	1	Rear mudflaps - Metalfab Logo
20-21-4500	1	Transportation Safety Kit with chassis Basic First Aid Kit Safety Triangle 5 pound Fire Extinguisher
20-31-0200	1	Fuel fill label -Ultra Low Sulfur Diesel only
20-31-1000	1	Alum tread fuel tank trim, Conv - 4 door Vertical trim only, OEM cab steps remain
20-31-1900	1	Chassis cab painted job colour by Freightliner
20-31-7500	1	Console in cab Install 50-11-0900 switch panel, 50-11-1400 siren, 50-21-5500 door ajar light, two (2) customer supplied radios 50-35-0500. Storage area with hinged cover and lift and turn latch provided at rear of console. Gray zolatone finish with black powder coated plates Standard Freightliner console confirmed acceptable at precon
20-41-1200	1	Transmission programming not required
20-41-1500	1	Extend exhaust pipe - RS ahead of rear wheels 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. No fire hall ventilation provision is provided
20-41-1900	1	Battery boost terminals with chassis Included with chassis
20-41-2000	1	Chassis batteries remain in OEM location Chassis batteries are under the cab and do not require to be moved.
20-41-2510	1	Fuel fill at step fuel tank under cab
20-41-2600	1	Chassis fuel tank remains in OEM location
20-41-5000	1	Rear Tow Hooks - under body *** Flat bar tow hooks under rear step (2) Provide provision for Metalfab tow bar for truck delivery with tow hooks
20-41-5210	1	Front receiver by Metalfab 2" receiver rated at 10,000 pounds pull For customer future winch - no specifications available See 50-41-5260 for power connection details
20-51-0710	1	Master Battery Disconnect included with Freightliner chassis
20-51-2500	1	Back up alarm included with chassis
20-51-4000	1	Auto eject for air inlet - LS cab step
20-51-6200	8	120 volt 20 A shore line connection for customer use Standard 5-20R duplex receptacle in cab and body Will be 12" minimum from the floor to meet ULC One located on back wall of cab for 20-51-6500 Autocharge Additional locations confirmed at precon: Receptacle 1 - L1 compartment

PART NO	QTY	DESCRIPTION
		Receptacle 2 - in console storage area
		Receptacle 3 - R1 compartment
		Receptacle 4 - back of console
		Receptacle 5 - below work surface in body
		Receptacle 6 - above work surface in body
		Receptacle 7 - LS of front overhead compartment body interior
		Receptacle 8 - RS of front overhead compartment body interior
20-51-6500	1	Kussmaul Autocharge 1000 battery conditioner w/battery saver To be plugged into shoreline outlet 20-51-6200 Locate behind centre rear seat in cab
20-51-7101	1	Electric System Management VMUX
20-51-7300	1	Low Voltage Alarm in cab
20-51-7500	1	Super Auto eject for 120 v - 20 A with sealed enclosure LS cab step To be minimum 24" from the ground to meet ULC Install at LS cab step as shown on proposal drawing
20-51-8510	1	Engine compartment light LED LED light in engine compartment Switched when park brake is applied and ignition is on
20-51-8600	1	Air intake ember separator with chassis
20-51-9001	1	Air horns included with chassis Dual lanyards
20-52-3500	1	Chassis steering wheel lined up by Metalfab
20-52-4000	1	Rear View Camera system Rearview Systems STM5600 with 5.6" colour monitor in cab Mount monitor on top of chassis dash
20-60-0400	1	Chassis wheelbase does not change
20-90-1000	1	Sealed pass through cab to body Installed by Metalfab - remove rear window and install sealed boot between cab and body
ELECTRICAL		
50-11-0300	1	Base electrical system - multiplex
50-11-0600	1	Warning Light Certification
50-11-0700	1	Low Voltage Electrical system test
50-11-0800	1	Low Voltage Electrical System Documents As required by ULC and NFPA standards
50-11-0900	1	Rocker switch panel with master warning switch in console ***Rocker switch assignments: E-MASTER LIGHT BAR RED LIGHT BAR WHT FLASHING WARNING LEFT SCENE REAR SCENE RIGHT SCENE

PART NO	QTY	DESCRIPTION
50-11-1400	1	Federal PA300 100 watt siren in console
50-11-1620	1	Siren speaker, 100 watt, in front bumper - Federal AS124
50-11-2600	1	Siren to be accessible to driver and officer
50-11-6100	1	Whelen F4N0QLED LED light bar NFPA
50-11-6501	1	Rear Directional Light not required
50-11-8001	1	Rear beacons not required
50-12-8500	1	Front LED flashers (pr)-Whelan red LED 400
50-12-8600	1	Rear LED flashers (pr)-Whelan red LED 400 low level
50-12-8620	1	Rear LED flashers (pr)-Whelan red LED 900 upper level
50-12-8700	1	Front side inter lts (pr) - Whelan red LED 400
50-12-8800	1	Body side inter lts (pr)-Whelan red LED 400 low level
50-12-8820	2	Body side inter lts (pr)-Whelan red LED 900 upper level
50-21-5100	1	Compartment lighting - LED tube lights in each compartment (rollup doors)
50-21-5500	1	Door Ajar warning light Bilingual Warning label in cab to read: "Do Not Move Apparatus when Light is on" To be installed above windshield at driver's position
50-21-8005	1	Step lights for body steps - Rescue - LED To be activated with the park brake and ignition on
50-21-8200	1	Step lights for chassis steps - LED To be activated with the park brake and when ignition is on
50-21-8600	1	LED clearance lts and reflectors
50-22-0700	1	Whelen 64 LED tail/brake-turn-backup module (pr)
50-31-6006	1	Scene lights (pr) - Federal QL97 LED - Right side Lights to be switched in cab Lights can be managed as per ULC
50-31-6007	1	Scene lights (pr) - Federal QL97 LED - Left side Lights to be switched in cab Lights can be managed as per ULC
50-31-6008	1	Scene lights (pr) - Federal QL97 LED - Rear Lights to be switched in cab and with reverse of transmission Lights will NOT be managed as per ULC
50-31-6560	1	Ground lighting (LED Lumabar) - 4 door chassis To be activated with the park brake
50-31-6590	1	Ground lighting (LED Lumabar) - rescue body To be activated with the park brake
50-35-0500	2	Installation of customer supplied mobile radio Radio information list required, attached for precon ____ To be installed in console 20-31-7500
50-35-0560	1	VHF antenna with base - commercial chassis
50-35-0590	1	Cellular/TMR antenna with base - commercial chassis
50-41-5260	1	Master 12 Volt power at receiver complete with power point and weather cap For front receiver Fuse for a 10,000 pound winch

PART NO	QTY	DESCRIPTION
		Provide mating connector for customer use
50-90-0550	1	LED Interior rescue body lighting Switched at rear entry door and between seats in rescue body Nine lights total in ceiling centre of body, including one directly over each seating positions and two over the command area between the seats in the body. Note that the higher intensity light is no longer required in the new standard.
50-90-26AA	1	Refrigerator for Rescue Truck 120 VAC/12VDC 12 VDC connected through master switch and 110-VAC through the shoreline Located under work table in rescue body between seats A Norcold NR751 is 2.7 cu ft 20.5" H x 18.5" W x 23.188" D
		BODY
60-10-2500	1	Walk in extruded aluminum Rescue Body 174"
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
60-10-5440	1	Diamondback 10" rear step
60-10-6000	1	Extruded rub rail
60-10-90AA	1	Manual pull out step under entry door Zico MPOS-24 24" wide manual pull out step, wired to door ajar light in cab
60-11-0100	1	Front left side compartment to top of wheel well Minimum 24" clear height
60-11-0500	1	Front right side compartment to top of wheel well Minimum 24" clear interior height
60-11-0800	1	Rear left side compartment to top of wheel well No interior height requirement
60-11-1100	1	Rear right side compartment to top of wheel well No interior height requirement
60-11-3100	1	No rear compartment
60-11-4410	1	Flush mount aluminum door - Rescue body rear - single door Requires lock to meet CMVSS
60-11-4500	2	Flush mount aluminum door - single with "D" handle L2, R2
60-11-4510	2	Flush mount aluminum door - double with "D" handle L1, R1
60-31-4137	1	Extruded aluminum handrail - rescue truck at rear entry door Minimum 2" clearance from handrail to any surface One vertical each side of rear entry door
60-31-6500	1	Compartment matting - black plastic interlocking tile
60-31-8800	2	Sliding tray (ea) - 600 pound capacity ***Hardware requires 3-1/2" of compartment height Reflective stripe is applied on the exposed edge for visibility when the compartment door is open Location L1 and R1 at floor level Minimum 21-1/2" necessary from plastic tile in compartment tray to roof of compartment to store customer generator

PART NO	QTY	DESCRIPTION
60-31-96AA	1	Interior radio shelf with plexiglass doors over pass through Storage will need to be 19" high for the chargers and radios to fit - Largest charger with radio installed dimensions is 19" high x 7" deep x 18" long
60-31-96BB	2	Shelf over window with netting Confirm dimensions at precon _____ Currently approximately 9" H x 7" D x 33" L Locate one over window each side
60-33-0000	1	Paint exterior - Imron Elite *** Paint code and colour to match chassis
60-33-0200	1	Undercoat vehicle with KROWN rust protection
60-33-0600	1	Chassis wheels not painted Polished aluminum with dealer supplied trim
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. Include red reflective lettering on interior bunker compartments as shown on the proposal drawing, mount above each compartment on the frame Lettering and Striping drawing approved January 20 and January 29
60-33-3000	1	Reflective stripe - 4" white 50% of perimeter each side and 25% of perimeter front 3M Scotchlite 4" low on chassis door, extend to front compartment, angle up above then straight back above rear wheels Lettering and Striping drawing approved January 20 and January 29
60-33-3310	1	Reflective stripe - red and yellow chevron at rear 50% of rear minimum as per ULC requirement 3M Scotchlite Will cover entire rear and entry door as per drawing. Will not cover the extrusions
60-80-1000	1	Rescue Body windows - sliding in sides of body, rear door (3 total) One each side near front of body, sliding horizontally One in upper portion of rear door, sliding vertically
60-90-0500	2	SCBA seat in Rescue Body with seat belt and seat cushion sensors
60-90-1500	1	Command Desk - Rescue Body Fixed table between rear facing seats in rescue body. Work surface is 21-3/8" D x 36" W with a working height of 28-1/2" from the floor for use from a seated position.
60-90-4000	1	Walk in Rescue - Interior white finish and insulation
60-90-5000	1	Interior shelving with netting - two locations Storage each side of interior as below" - approximately 14-1/2" x 28" x 22" deep above the SCBA storage - approximately 83" x 10" x 22" deep above the bunker compartments
60-90-5010	30	Bunker gear compartments - aluminum (per compartment), mesh between compartments

PART NO	QTY	DESCRIPTION
60-90-5015	30	<p>Bunker gear compartment netting (per compartment) One set of netting for forward 6 bunkers each side and one set of netting for the rearward 9 bunkers each side, each fastened with seat belt style latches at the top approved at precon</p>
60-90-5500	1	<p>Heater in Rescue Body Switch located between seats in rescue body Heater located under one seat in rescue body</p>
60-90-6100	1	<p>Roof mounted vent/escape hatch Mount in centre of roof behind the side windows as shown on the proposal drawing</p>
60-91-0500	1	<p>SCBA Storage Zico PACSR-Y yellow plastic storage racks (10 each side) Located at rear of body as shown on the proposal drawing. Include restraint straps for each storage rack.</p>
60-99-0010	1	<p>Durarubber overlay for interior tread plate floor <https://perfectsurfaces.ca/product/durarubber-commercial-industrial-mats/> Install 3/4" mat rubber floor mat over the deck plate floor in the body, two pieces 6' x 4' cut to fit and installed loose.</p>
70-21-5500	1	<p>Panel readout for Battery Conditioner next to auto eject inlet LS step</p>
ACCESSORIES		
80-18-0600	6	<p>SCBA brkt w/strap - ZICO ULLH - crew cab mount Two located in rescue body SCBA seats Four located in Chassis cab SCBA seats</p>
80-99-0100	1	<p>Pylon bracket for 12 traffic cones on RS rear step Fabricate pylon bracket consisting of a frame for base plus post to accommodate 12 standard 28" traffic cones, proposed location is on rear step between tail light and door opening on right side</p>