



Shop Order

Town of Burgeo
 Monica Bowles Town Clerk/Manager
 1 Main Street
 Burgeo, NL A0N 2H0
 709-886-2250
 monicabowles@townofburgeo.com

Emergency Repair
 St John's, NL

| | |
|----------------------------------|---------------------------------------|
| Sales Rep: Ryan Stacey | Terms: Chassis and Body COD |
| Drawing #: FT-10619 | |
| Est. Delivery Date: / / | |
| Customer PO #: | Penalty: |
| Customer #: | None |
| QPF #: | |

Exp. Date: 08/27/2023
Quote No: RBUNL-0015
Job/Order No: 23172
BODY: 00-10-21 Metalfab Walk Around 05/13

04/10/2025

| PART NO | QTY | DESCRIPTION |
|------------|-----|---|
| | | == Metalfab Walk Around 05/13 - 0.000 == |
| | | Change Order D |
| 00-05-0030 | 1 | Dealer - Emergency Repair Ltd |
| 00-10-2000 | 1 | Metalfab Walk Around Rescue/Equipment Unit |
| 00-20-0510 | 1 | List of References |
| 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 |
| 10-11-0105 | 1 | Vehicle Data Recorder not requested |
| 10-11-0700 | 1 | ULC S515-13 Compliance - Rescue/Equipment |
| | | Reference ULC S515: |
| | | Chapter 3 - General Requirements |
| | | Chapter 10 - Special Services Apparatus |
| | | Chapter 11 - Chassis |
| | | Chapter 13 - Driving and Crew Areas |
| | | Chapter 14 - Body |

| PART NO | QTY | DESCRIPTION |
|-------------------|------------|--|
| 10-11-1501 | 1 | ULC Testing not requested |
| 10-11-2100 | 1 | Maximum length not specified |
| 10-11-2200 | 1 | Maximum height not specified |
| 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 - By ERL |
| 10-11-4200 | 1 | Payment Terms - Chassis and Body COD |
| 10-20-2610 | 1 | Equipment carrying capacity - ULC/NFPA SSV 15,001 to 20,000 GVW |
| | | CHASSIS INFORMATION |
| 20-11-1000 | 1 | Chassis supplied by Metalfab Ford F550 4 door 203" WB/84" CA 19,500 GVW Diesel 300 HP/automatic Race Red Power mirrors and windows |
| 20-11-1500 | 1 | 2013 Emission chassis modifications |
| 20-11-1700 | 1 | Chassis Motor Vehicle Inspection required - NB |
| 20-21-0500 | 1 | Fluid capacity plate |
| 20-21-1030 | 1 | Maximum riders sign - 5 persons |
| 20-21-1510 | 1 | Seat belt warning labels - 4 door chassis |
| 20-21-1560 | 1 | LED Tire Pressure Indicators - Single Axle |
| 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 |
| 20-21-3500 | 1 | Rear step warning label |
| 20-21-3810 | 1 | Front mudflaps provided with chassis |
| 20-21-4000 | 1 | Rear mudflaps - Metalfab Logo Install behind rear wheels |
| 20-31-0100 | 1 | Fuel tank or step covers not required |
| 20-31-0200 | 1 | Fuel fill label -Ultra Low Sulfur Diesel only |
| 20-31-1900 | 1 | Chassis cab not painted |
| 20-31-46AA | 1 | Front mount winch Warn 16,000 capacity Quote from Drive Products 11-15-24 97740-WRN Winch 16.5-tui-s, 12 volt, synthetic rope 108001-WRN Bracket kit T4MR FIII 20FORDSD 107651-WRN Kit Carrier Trans4mer Gen III LRG Permanently mounted in the front of the vehicle. |
| 20-31-7500 | 1 | Console in cab Install 50-11-0900 switch panel, 50-11-1400 siren, 50-21-5500 door ajar light 20-52-1000 map light, 20-90-1600 USB power point and provision for 50-35-0500 |

| PART NO | QTY | DESCRIPTION |
|-------------------|----------|---|
| | | customer radio in console. |
| | | Storage area with hinged cover and lift and turn latch provided at rear of console. |
| | | Gray zolatone finish |
| 20-31-7588 | 1 | Remove center section of front cab seat for room for console (Ford and Dodge) |
| 20-41-0600 | 1 | Intake air shutoff for engine not required |
| 20-41-1600 | 1 | Extended exhaust pipe not required (provided with chassis) Ford OEM standard exhaust is acceptable |
| 20-41-1801 | 1 | Battery boost terminals not required - batteries accessible |
| 20-41-2000 | 1 | Chassis batteries remain in OEM location |
| 20-41-2550 | 2 | Fuel fill at LS rear fender well Use Ford OEM fuel fill brackets, one forward and one rear of rear wheels in fender well |
| 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) |
| 20-41-5200 | 1 | Rear trailer receiver and trailer wiring - Class III/IV, 7 pin connector Class III/IV receiver with standard trailer connector |
| 20-51-0500 | 1 | Master disconnect switch - manual Push button style in cab Include a "Battery On" light in cab Installed by Metalfab to disconnect body components only Add an additional battery on light in the grille of the chassis, to be green LED "pump indicator light" stocked in electrical bay. |
| 20-51-2500 | 1 | Back up alarm included with chassis |
| 20-51-3100 | 1 | Air inlet not required |
| 20-51-6200 | 4 | 120 volt 20 A shore line connection in body Standard 5-20R duplex receptacle in body, not fused Customer to specify locations: 1 _Cab_ 2 _L1_ 3 _R3_ 4 _L2_ |
| 20-51-6500 | 1 | Kussmaul Autocharge 1000 battery conditioner w/battery saver Located in cab |
| 20-51-7101 | 1 | Electric System Management Electric load management through VMUX electrical system. Include a low voltage light and audible alarm in the cab. |
| 20-51-7500 | 1 | Super Auto eject for 120 v - 20 A with sealed enclosure Locate under L1 compartment on side of body |
| 20-51-8510 | 1 | Engine compartment light LED light located in engine compartment Switched when park brake is set or when vehicle is in park |

| PART NO | QTY | DESCRIPTION |
|-----------------------------|------------|--|
| 20-51-8600 | 1 | Air intake ember separator (Ford) |
| 20-51-9002 | 1 | Air horns not requested |
| 20-51-9500 | 1 | Grote utility LED 32" light bar, forward facing 1571735 |
| | | Locate one at top of chassis grille, facing forward Switched with front scene in cab rocker switch panel This load can be managed |
| 20-52-1000 | 1 | Federal Littlite gooseneck map light (ea) Locate on RS of cab console |
| 20-52-3000 | 1 | Chassis steering wheel lined up by others Required for all chassis except Freightliner, Sterling, Spartan |
| 20-52-4000 | 1 | Rear View Camera system Rearview Systems STM5600 with 5.6" colour monitor in cab Camera mounted at rear of unit on 60-33-50AA rear tubing above pump Monitor mounted on front of console |
| 20-60-0400 | 1 | Chassis wheelbase does not change |
| 20-90-1600 | 2 | Kussmaul Dual USB charging socket Locate in cab console |
| 20-99-05AA | 1 | Running Boards for Ford F-550 Crew Cab 4WD Supplied and installed by Metalfab |
| PUMP AND PLUMBING | | |
| 30-11-01AA | 1 | Metalfab Skid Unit with Waterax B2X-23 Pump Waterax pump includes electric primer See instrumentation section for controls Fuel tank will be a separate 6-1/2 gallon portable fuel tank. |
| 30-20-1600 | 1 | Piping stainless steel - general Metalfab stainless header Valves to be stainless steel, two piece similar to Jenkins except stainless |
| 30-20-1700 | 1 | 1-1/2" thread specifications NPSH Confirmed threads are to be NPSH at preconstruction meeting |
| 30-20-1800 | 1 | 2-1/2" thread specifications St John's thread 3.25 x 5V Confirmed threads are to be St John's 3.25 x 5V at preconstruction meeting |
| 30-21-55AA | 1 | 2-1/2" tank to pump |
| 30-22-05AA | 1 | Tank fill 1" SS |
| 30-31-24AA | 1 | 2-1/2" gated rear inlet |
| 30-42-85AA | 2 | 1-1/2" rear discharge SS, plumbed 1-1/2" |
| 30-52-10AA | 1 | Pump drain valve |
| 30-99-05AA | 1 | Trident FOAMATE 1.0 around the Pump Foam System |
| WATER AND FOAM TANKS | | |
| 40-11-3100 | 1 | Tank capacity 300 US Gallons |
| 40-12-4600 | 1 | Foam cell - 10 US gallon |
| 40-30-05AA | 1 | 1" tank drain valve Provide a 1" valve with GHT adapter accessible to allow draining water tank |

| PART NO | QTY | DESCRIPTION |
|-------------------|------------|--|
| | | ELECTRICAL |
| 50-11-0300 | 1 | Base electrical system - multiplex Electrical system to be provided with a quick connect between chassis and the skid unit |
| 50-11-0900 | 1 | Rocker switch panel with master warning switch ***Rocker switch assignments: E-MASTER -LIGHT BAR RED -FLASHING WARNING -FRONT SCENE -RIGHT SCENE -REAR FLOODS -GROUND LIGHTS -HORN TRANSFER Include a HIGH IDLE switch in cab interlocked to ULC requirements. Note - E-MASTER circuit to energize whenever the vehicle is in reverse - all warning lights selected will illuminate when the vehicle transmission is placed in reverse |
| 50-11-1400 | 1 | Federal PA300 100 watt siren |
| 50-11-1632 | 1 | Siren speaker, 100 watt, behind front chassis grille - Whelen SA315A |
| 50-11-2600 | 1 | Siren to be accessible to driver and officer |
| 50-11-3500 | 1 | Horn ring transfer switch This switch will add TAP II functionality to the horn button, a foot switch to operate the TAP II function will be installed on the officer's side as well. |
| 50-11-5812 | 1 | Federal LPX53DS - NFPA LED light bar Light bar is all red Front take down lights switched as FRONT SCENE |
| 50-11-6501 | 1 | Rear Directional Light not required |
| 50-11-8001 | 1 | Rear beacons not required |
| 50-12-50AA | 1 | Front LED flashers (pr)-red Federal MPSW9-R |
| 50-12-51AA | 1 | Rear LED flashers (pr)-red Federal MPSW9-R One pair at the lower level and one pair at the upper level, 4 lights total. |
| 50-12-52AA | 1 | Front side intersection LED flashers (pr)-red Federal MPSW9-R |
| 50-12-53AA | 1 | Rear side intersection LED flashers (pr)-red Federal MPSW9-R One pair at the lower level and one pair at the upper level, 4 lights total. |
| 50-21-1505 | 1 | Rear floods (pr) Unity LED Note that these lights are also used as rear step lights and cannot be managed |
| 50-21-15AA | 1 | LED work light at front of hose bed Install 1571318 work light on top of L1 compartment to illuminate the 60-40-9500 hose bed Switched with step lights |
| 50-21-2540 | 1 | FRC telescoping SPECTRA LED 12V flood (ea) SPA530-Q20 One front left corner of body, bottom raise with handle cup and warning light in cab Note that the bottom handle allows raising and turning only, tilting the light head is controlled at the light head itself. Requires moving the DEF fill to the LS. |
| 50-21-5100 | 1 | Compartment lighting - LED tube lights in each compartment (rollup doors) |

| PART NO | QTY | DESCRIPTION |
|-------------------|------------|---|
| 50-21-5500 | 1 | Door Ajar warning light Warning label in cab to read: "Do Not Move Apparatus when Light is on" |
| 50-21-8006 | 1 | Step lights for body steps - LED Lights for rear step |
| 50-21-8201 | 1 | Step lights for chassis steps - LED |
| 50-21-8600 | 1 | LED clearance lts and reflectors |
| 50-22-0700 | 1 | Whelan 64 LED tail/brake-turn-backup module (pr) |
| 50-31-60AA | 1 | 31" LED minibrow light FT-MB-24 - RS only Right side, switched in cab |
| 50-31-6610 | 1 | Ground lighting (4" LED) - 4 door chassis |
| 50-31-6640 | 1 | Ground lighting (4" LED) - rescue body Under rear step |
| 50-31-6665 | 1 | Ground lighting (4" LED) under front bumper and side compartments Ground light under front bumper to be located as high as possible to prevent damage in snow. LED luma bar. |
| 50-35-0500 | 2 | Provision for customer supplied mobile radio Prewire antennas to console, provide power and ground in console |
| 50-35-0560 | 1 | VHF antenna with base - commercial chassis Antennas minimum 24" apart, wired to console |
| 50-35-0590 | 1 | Cellular/TMR antenna with base - commercial chassis Antennas minimum 24" apart, wired to console |
| BODY | | |
| 60-10-2000 | 1 | Walk around extruded aluminum Rescue Body 130" Sweep out Floor Each compartment to be equipped with a 3/4" hole with a grommet type closure Each compartment to be vented in the side wall to atmosphere |
| 60-10-5450 | 1 | Diamondback 9-1/4" rear step |
| 60-10-6500 | 1 | Bolt on extruded aluminum rub rail To protect the lighting in the side of the body |
| 60-11-0200 | 1 | Front left side compartments intermediate height Through compartment with door opening to be 30" wide to allow storage of customer 28" ice board |
| 60-11-0600 | 1 | Front right side compartments intermediate height Approximately 44 " wide to include a 30" through section through to the left side compartment plus a 14" shallow section for future customer cascade fill station |
| 60-11-0900 | 1 | Rear left side compartments intermediate height |
| 60-11-1300 | 1 | Rear right side compartments intermediate height |
| 60-11-2000 | 2 | High side compartment (over 18") each One each side over the rear wheels |

| PART NO | QTY | DESCRIPTION |
|-------------------|------------|---|
| 60-11-3100 | 1 | No 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 |
| 60-11-5510 | 4 | Rollup door - intermediate height Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point |
| 60-31-4100 | 1 | Extruded aluminum handrails Minimum 2" clearance from handrail to any surface One each side vertical and horizontal at rear |
| 60-31-5500 | 1 | Steps at rear of body (folding) Maximum height between steps is 18" Left side to access hose bed Right side to access ladder storage |
| 60-31-6510 | 1 | Compartment matting - black "Turtle Tile" brand Turtle tile provided in the 60-40-9500 hose storage as well |
| 60-31-8000 | 2 | BA bottle compt (ea)-fender well Includes strap for cylinder valve |
| 60-31-8600 | 2 | Sliding tray (ea) - 400 pound capacity - standard Reflective stripe is applied on the exposed edge for visibility when the compartment door is open Install at floor level in L3 and R3 compartments |
| 60-31-86AA | 1 | Sliding tray for chains 24" deep sliding tray with ends and partition for customer chains per customer photos. Mounted at floor level of L2 compartment |
| 60-31-9600 | 7 | Adjustable shelf (ea) Reflective stripe is applied on the exposed edge for visibility when the compartment door is open Customer provided location at precon: 1 - Transvers L1/R1 for customer stokes 2 - Transverse L1/R1 for customer backboards 3 - L3 20" from floor 4 - L3 10" from floor 5 - L2 10" from top 6 - L2 above chain storage 7 - R3 16" from floor |
| 60-33-0000 | 1 | Paint exterior - Imron Elite *** Paint code and colour to match cab RED |
| 60-33-0200 | 1 | Undercoat vehicle with KROWN rust protection |
| 60-33-0600 | 1 | Chassis wheels not painted |
| 60-33-1600 | 1 | Special paint compartment interior - gray zolatone Requested in customer specification Compartment trays and unistruts remain natural aluminum |

| PART NO | QTY | DESCRIPTION |
|-------------------|------------|---|
| 60-33-2200 | 1 | Lettering - 80 letters up to 3" tall - 3 colour *** Vinyl crest as photo provided by Fire Department (in job folder) Lettering layout drawing approved March 10-25 |
| 60-33-3000 | 1 | Reflective stripe - 4" white 50% of perimeter each side, 25% of perimeter front Striping layout drawing approved March 10-25 |
| 60-33-3310 | 1 | Reflective stripe - red and yellow chevron at rear 50% of rear body area |
| 60-33-3500 | 1 | Tarp over hose storage rack - black with end flap Provide velcro each side and front with quarter turns in the corners, velcro strap for rear flap to fasten around horizontal rear handrail |
| 60-33-36BB | 1 | Tarp over skid unit and pump panel Black tarp with velcro straps to fasten around footman loops to cover the pump, controls, and plumbing behind the water tank |
| 60-33-50AA | 1 | Install 3 tubes above skid unit to support customer equipment Evenly spaced 2" x 2" aluminum tubing between left and right side compartments above the skid unit - on at rear and others evenly spaced so an inflatable boat can be stored on top of unit extending onto the top of the front through compartment. Each end of tubing to be pinned in a pocket so they can be removed for skid unit service All electrical equipment on rear tubing to be equipped with quick connect plugs to allow removal of the tubing. |
| 60-40-9000 | 1 | Under skid storage space with drop down treadplate door Approximate dimensions 36" wide x 7" high x approx 126" deep - to store the 80-11-10AA suction hoses Door to include door ajar switch wired to door ajar warning light in cab |
| 60-40-9500 | 1 | Hose storage rack over drivers side compartments with divider Approximately 26" wide x 12" deep x 96" long above left side compartments, include an adjustable divider and turtle tile |
| 60-41-1015 | 1 | Pike Pole tube in suction hose tube For 6' pike pole |
| 60-41-10AA | 1 | Tube for customer 30" halligan bar in suction hose compartment As large as possible for future tool |
| 60-41-8600 | 1 | Top Mount ladder slideway For Metalfab supplied 24' 2 section and customer supplied 18' roof ladder, make and model and dimensions: Roof ladder - CET 400 series 18' 3-1/4" thick x 18'-3" long Rack will be equipped with a stop for the extension ladder so that the roof ladder can be stowed without the extension ladder going too far forward to reach. |
| 60-99-10AA | 4 | Tie downs on top of body, R2 - 2000 pound capacity - (pair) Surface mount rope ring - 2000 pound capacity, one pair at front top of body, one pair at midpoint of body, and one pair at rear top of body. Buyers B32F. Install one pair each side of R2 compartment just inside rollup door at 12" from the floor. |

| PART NO | QTY | DESCRIPTION |
|------------------------|------------|--|
| 60-99-20AA | 1 | Cascade storage for customer cylinders Provide storage for 2 future cascade cylinders horizontally in bottom of through L!/R1 compartment. Sized for cylinder 9.5" diameter x 56" long to top of valve. |
| INSTRUMENTATION | | |
| 70-21-1600 | 1 | Electric Foam Level gauge not required |
| 70-21-5500 | 1 | Panel readout for Battery Conditioner Mount next to 20-51-7500 auto eject |
| 70-33-10AA | 1 | Waterax WCP-FW control panel Order with pump Includes: Engine controls and throttle 0-600 PSI pressure gauge Hourmeter Panel light Water level gauge and sender |
| ACCESSORIES | | |
| 80-11-1000 | 3 | Price Adjustment |
| 80-11-1000 | 4 | 2-1/2" x 10' lightweight suction hose (ea) Threads to be 3.25 x 5V St John's thread, stored in 60-40-9000 tube |
| 80-11-10AA | 1 | 2-1/2" suction strainer with foot valve/poppet valve Threads to be NH unless otherwise indicated in 30-20-1800 |
| 80-11-10BB | 1 | Double female adapter - 2-1/2" 2-1/2" NH x 2-1/2" St John's thread to allow feeding pump from a discharge hose |
| 80-13-22AA | 1 | 6' pike pole with fibreglass handle Tube mounted in suction hose compartment |
| 80-14-0500 | 1 | 24' 2 section extension ladder PEL 24 Mounted in 60-41-8600 ladder slideway |