



CHANNAHON FIRE PROTECTION DISTRICT

24929 S. CENTER STREET
CHANNAHON IL 60410

815-467-6767
FAX: 815-467-5081



**2013 Medtec Module Type I
2023 or 2024 Ford F-550 4x4 Ambulance Prep Chassis
193" WB/108" CA w/Aluminum Wheels, 7.3L Gas Engine**

Chassis

- 2023 or 2024 Ford F-550 4x4 Ambulance Prep Chassis 193" WB/108" CA w/Aluminum Wheels, 7.3L Gas
- Vehicle Tear Down
- Vehicle Remount
- Liquid Spring Suspension - Rear for F-550
- Front End Alignment
- Powder Coat - Polished Alum Wheels Black
- Transfer Knox Box to new chassis; PS side on transmission housing in front of console
- Transfer cab mounted computer bracket to same location

Module Body Exterior

- Base Remount a Type I Modular Body to a same Type I Configuration. Includes modification to chassis, all mounting pucks, mounting hardware, accordion boot, & (10) .25" steel outriggers.
- Remove Front Lightbar; fill holes; cut (6) M9 holes and (1) 3x7 hole centered in middle for Strobe/Opticom.
- Use (1) Strobe/Opticom from Lightbar w/700 Series chrome trim.
- Remove Rear Lightbar; fill holes; cut (2) M9 holes at each upper corner; cut (3) M7 holes centered below arrow stick
- Install New Right Hand Rotary Latches on Entry Doors Only (4); standard when not replacing all
- Install New Left Hand Rotary Latches on Entry Doors Only (2); standard when not replacing all
- Striker Stud 1/2" Diameter 3/16 (6); standard when not replacing all
- Inspect and reuse compartment exterior door handles
- Inspect and reuse compartment door struts and replace as needed
- Buff and Reuse all Diamond Plate Compartment Door Liners
- Test and reuse compartment lights
- New Exterior Windows (1 Slider @ 19"x20" and 2 Solids 2@20.5"x19.5")
- Polish and reuse rub rails
- Polish and reuse fenderettes
- New ADP Stone guards, Corner Guards, Rear Kickplate
- New ADP Running Boards w/ Raised Punch Holes and mounting brackets for F450 and F550
- New Mud flaps
- All Compartments to be Checked for Proper Draining & Venting
- Remove & Polish all Stainless Door Hinges. Reinstall w/ 3M Corrosion Barrier Between Hinge/Door & Hinge/Body
- Install New Drip Rails



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- New Heavy Duty Rear Bumper Steel Sub-Frame w/Aluminum Diamond Plate Bumper Pods and Punched Surfaced Flip-up Step
 - New Cast Products License Plate Bezel w/ LED Top Lights with rubber gasket
 - New Cast Products Door Grabbers
 - New Door Seal
 - Polish and Reuse Chrome Exterior Cowl Vents
 - New Cast Fuel Fill Bezel w/ Stainless Steel Spillway and rubber gasket
 - Amber reflector (2)
 - Red reflector (4)
 - Install new thresholds on all exterior compartments when module is repainted
 - Omit DEF Fill, weld hole shut and have ready for paint shop

Paint

- Paint Entire Module as existing (Red - Pierce 90 FLNA 3042) - Module is all red, no black
- (Sand blast module, repair corrosion, repaint w/ Sikkens 8 step process of epoxy, primer, base coat, three coats of clear coat, wet sand & buff to high gloss finish).
- Paint chassis Red Pierce 90 FLNA 3042 with cab roof, A and B posts Black FLNA 99k
- Customer Requests a Spray Out

Heat/AC

- New ACC High Output Heating and AC Unit Heat BTU: 43,600 AC BTU: 32,000 CFM: 680
- Includes New: Underbody Condenser, Booster Pump, Digital Thermostat, Water Valves and Hoses

Electrical

- New Electrical System including Circuit Boards, Battery Timer, Load Manager, Hour Meter, Intermotive Idle Control, Amp and Voltage Meter, Front and Rear Switch Panels
- Inspect and Replace Magnetic Door Switches as Necessary
- 275 Amp Solid State Battery Disconnect, In Power
- Digital Volt/Amp Meter
- Current Sensor
- High Idle Throttle Intermotive
- Fuse Holder - 6 Gang Distribution Block
- 3/8 Terminal Stud Black
- 3/8 Terminal Stud Red
- Hidden Door Lock Switch
- Test and reuse existing shoreline
- Test and Reuse Inverter (if applicable) - Customer Will Be Notified of Any Issues



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- Test and Reuse Battery Charger (if applicable) - Customer Will Be Notified of Any Issues
- Install New Zone Defense Color Back-up Camera w/ 5" Color LCD Monitor Mounted on a Panavise 4" Bracket
- Test and Reuse Siren - Customer Will Be Notified of Any Issues
- New Cast Products SAD Driver's side - Through Front Bumper Siren Speakers - Ford Super Duty - SAD3827-20FSD-1
- New Cast Products SAP Passenger's side - Through Front Bumper Siren Speakers - Ford Super Duty - SADP3828-20FSD-1
- New Back-up Alarm w/ Cancel Switch
- New Buell Air Horns. Will require air horn brackets Mount under Front Bumper Push Button Activation Switch on Console - 12 inch
- New Buell Air Horns. Will require air horn brackets Mount under Front Bumper Push Button Activation Switch on Console - 10 inch
- New .125 Alum. Line-X Console w/map box & 2 cup holders

Department 2 Way Radio's

- Reinstall Department Radios to existing locations
- Two (2) Antenna on Module Roof
- Three (3) Antenna on Cab Roof
- Run new Antenna Coax for Radios to cab - do not splice the Antenna Coax

DOT/Emergency Warning Lights

- Whelen M2 Red w/Clear Lens and Chrome Trim for Intersection Lights (2)
- Whelen M7 Series Super LED Amber w/Amber Lens & Chrome Trim for rear upper middle (1)
- Whelen M9 Series Red w/Red Lens & Chrome Trim; (3) for front driver side and (1) for rear upper corner driver side (4 total NEW Super-LED®, 600 Back-Up Light, 12/24 VDC (Replaces 60C00VCR & 60C00WCR) (2)
- Whelen M7 Gradient Scene light w/Chrome Trim for rear upper middle lights (2)
- Polish and Reuse all lights including Rub Rail Lights, except those designated new
- Whelen M9 Series Blue w/Blue Lens & Chrome Trim; (3) for front psgr side and (1) for rear upper corner psgr side (4 total)
- Micron Series LED Red surface mount grille lights with chrome flange. To flash in X pattern. (4)
- Eight Lamp LED Traffic Advisor™, 46.82" Long for Rear Wall in between 3x7s and existing DOT lights.
- Wire Rear Load Lights and Rearmost side scene lights to Back-up Lights, Curbside Scene lights activate when CS compartment doors open, Streetside Scene lights activate when SS compartment doors open.

Module Interior

- USB Dual Port - (1) Center Console



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- (2) Havis Arm Rest - Side Mount
- Inspect all Cabinet Walls, Cabinet Hardware for Missing Screws and Rivets, Adjust and Replace as Necessary
- New Loncoin Flooring Color Black Onyx
- New Stainless Thresholds on Rear & Side Entry w/ Grip Tape
- Reuse Existing Dome Customer will be notified of any found issue
- EVS 2-position swivel base
- Vinyl cushions - gunmetal gray - vacuum formed
- Complete Vinyl Change - Gunmetal Gray
- 2 Part Black ALR 4" Housing, No Buckle for body straps (3)
- 8" Buckle End with 6" Boot for body straps (3)
- Clean and Reuse Current Counter Tops
- New Vista Medallion 12" LED Action Area Light LL30
- 4 Point harness attendant seat - sewn - Gunmetal Gray
- 4 Point harness & 2-piece cushion seating system (head and back pad only) to be used with existing bottom pad; Squad Bench (2) & CPR Seat (1) (3 total)

Medical Equipment

- Test Oxygen System and repair any found leaks
- Test Suction System and repair any found leaks
- Amico Digital O2 meter (due to new electrical)
- Transfer Customer Powerload System - Center Mount

Predelivery Testing and Prep

- 30-mile Road Test
- Grade A Clean & Detail Entire Unit
- Test & Recertify all Systems. Weigh & Apply KKK Weights, CAAS, Chassis End Stage, and Paint Stickers.
- Install No Smoking & Fasten Seat Belt Signage - No Smoking Sign
- Install No Smoking & Fasten Seat Belt Signage - Fasten Seat Belt Sign

Graphics

- Diamond Grade, Two Color, Rear Body Full Chevron produced and installed
- (6" 983-72 Red/6" 983-23 Fluorescent Yellow Green)

Warranty

- Provide warranty information on all aspects of the project



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Proposal Submissions

All packets shall be returned in person or via certified mail to:

Channahon Fire Protection District
c/o Jeff Toepper, Deputy Fire Chief
24929 S. Center Street
Channahon, Illinois 60410

ATTN: Type I Ambulance Remount

Sealed Bids will be accepted at the Fire Station until 12:00 PM on January 27, 2023, and no late bids will be accepted. The sealed bids will be publicly opened at the Fire Station at 10:00 AM on January 30, 2023, at the headquarters station. The CHANNAHON FIRE PROTECTION DISTRICT reserves the right to reject any or all bids received, to waive any formalities or technicalities of the Bid or to reject any non-responsive bid in the interest of the CHANNAHON FIRE PROTECTION DISTRICT.

Direct questions to Jeff Toepper, Deputy Fire Chief at 815-467-6767 or jtoepper@channahonfire.com