

CHASSIS: Ford F-550 XLT, 6.7L Diesel, 193WB, 18,000 GVWR
108" CA, 4x4

BODY: 171"L x 96"W x 74" Interior Headroom

Description

Chassis & Conversion

Chassis Model Year Adjustment

Liquid Spring Suspension Installation by Utility Bodywerks, see quote, the kit will be ordered through Utility Bodywerks; Requires Dump cancel switch that Medix will order and install - installed at the Curbside rear door on the wall - "L/S Dump Override" - p/n: MX09166.

Chassis: Wheels, (4) 19.5" Aluminum Wheels on F-450/550 Series Chassis. NOTE: These are standard aluminum

Flooring & Interior Colors

Cabinets: Powder Coated Aluminum

Color: Dove Gray Walls

Alucabond Composite Subwalls

Upholstery:

Color: **BLACK** Brand: **EVS**

EVS Cushions & Corner Padding

Compartments: Dri-Dek, Shelf Liner, Installed on exterior compartment shelves. Black- Add to all exterior compartment shelves as designated below.

a. Compartment #2 – One shelf

b. Compartment #3 – Two 1/2 depth shelves

Add 1/2 shelf

Flooring: Lonseal- LonPlate (Diamond Plate)(Specify Color)

Color: Gunmetal 424

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Body & Chassis

This chassis is equipped with a Diesel Exhaust Fluid (DEF) System to meet the EPA Diesel Emissions Standards.

~~**BODY PANEL MANUFACTURE:** Each body panel, front wall, rear wall, two side walls, and roof panel, shall be manufactured utilizing .090" aluminum sheet, 2"x2"x.125" and 1"x2"x.125" 6005A-T61 extruded structural aluminum framework with voids between the tubular structure filled with 2" thick block polystyrene and covered with .125" laminated Luan. These panel components shall be integrated utilizing high strength adhesives. The aluminum sheet shall be attached to the wall structure with a Methacrylate adhesive with at shear and tensile strength of approximately 2,215 psi and a tensile modulus of 157,090 psi. The block foam and ply shall be attached with a urethane adhesive with a minimum tensile strength of 300 psi. The entire assembly shall be vacuum cured to form a solid, penetration resistant composite body panel. In no case shall screws, rivets, VHB tape or any other mechanical fasteners be used to attach the skin to these structural members.~~

The four vertical corners shall be configured so that the actual corner wall extrusions overlap allowing the wall sections to have full, vertical seam welds outside. This offset will also allow for the four vertical corners to be stitch-welded in 5" – 6" increments every 5" along the full vertical contact point inside.

Similarly, the four sidewall structures at the roofline shall be full seam welded around the entire horizontal perimeter of the roof and stitch-welded in 5"-6" increments every 5" around the full horizontal perimeter inside.

Four full-welded vertical corner seams and four full-welded horizontal roof seams shall be covered with .090" extruded aluminum, radius corner extrusion welded at the corner caps and bonded with Lords 406-17 acrylic adhesive creating an integrated corner support column. The cast aluminum corner caps shall be seam-welded in place. ~~All exterior body holes for lighting or other appliances shall be routed, drilled or punched prior to prime~~

Chassis: Air Horns, Buell dual horns, (1) 10" and (1) 12" to be mounted through the front bumper. There will be a momentary switch on the front console. A Buell "Fast Recovery System" air compressor to be mounted in

Console: Armrests, (1) Set of armrest for Type I Aluminum Console. Havis Shields C-ARM-102 adjustable armrests, (1) mounted each side of console.

Anti-Theft Device: IdleLock Ignition Security System, for Ford F-Series Chassis Only.

Add two glove box holders in cab

Add 125 vac Duplex Outlet IATS in Center console

Camera System: Ford "F" Series Super Duty OEM Surface Mount Back-Up Camera and Harness tied into OEM display

All Exterior compartments coated with light gray colored rubberized polyurethane material.

Pass-Thru - Charcoal HDPE Frame and Latching, Sliding Polycarbonate Window.
Lights: Compartment, TecNiq Flexible LEDs: 9", 27", 36" 45", 54", ILOS compartment lights. Locate: Compartment #1- (2) 45" E44-W010V-1 Locate: Compartment #2- (2) 27" E44-W06V-1 Locate: Compartment #3- (2) 45" E44-W010V-1 Locate: Compartment #4- (2) 36" E44-W08V-1 Locate: Compartment #6- (2) 54" E44-W012V-1
Compartment #1 SS Forward: Smooth Aluminum body, O2 Universal "M" or "H" cylinder storage for STEEL tank, Door w/gas strut hold-open, Sealed access to paddle handle in door panel. Stainless steel sill protector.
Compartment #2: SS center, smooth aluminum body, Open Storage, Double doors with gas strut hold-opens. (1) Adjustable AL Style aluminum shelf with DA finish with full perimeter lips. Sealed access to paddle handles in
Compartment #3 SS Rear: 3/4 Height, Smooth Aluminum body, Offset in upper left corner for 22"W rear A/A shelf, Inside/Outside access, (2)- adjustable 1/2 depth shelves w/DA finish and bent up lips on all sides. Door w/gas
Stair Chair: ADP stair chair carrier, attach to the reinforced door liner on compartment #3 interior door panel with
Rear Entry Doors: Dual door system w/exterior/interior, locking paddle handles; fixed glass windows and Cast Grabber hold-opens. Sealed access to paddle handles in door panels. Stainless steel sill protector. Two-piece interior door panel.
Compartment #4/5 CS Forward: NO body <u>above floor</u> , ALS Cabinet w/ Inside/Outside access, Full-height, single Door w/gas strut hold-open. Bottom section smooth aluminum body for open storage or optional roll-out battery tray w/removable, latching door.
Compartment #6: CS Rear, Smooth Aluminum body Full Height, ADP interior door panel, Vertical Backboard Storage with offset in upper right hand corner for interior cabinet and (1) seat belt restraint, Door with gas strut hold-open. Upper corner offset high enough to accommodate 8" wide tracked Stair Chair below with (1) seat belt restraint across bottom
Drop Skirt - a 4" dropskirt shall be provided on both Streetside and Curbside forward of the rear wheelwells. Taller front
Curbside Entry Door: Taller for 4" drop skirt. Door handle to remain aligned with Compt #4/5 handle; Single door system w/exterior/interior, locking paddle handles; window w/fixed glass; Gas strut hold-open. Sealed access to paddle
Curbside Entry Door Stepwell: Dual, smooth aluminum steps welded into door opening coated with rubberized urethane liner material. Stainless steel threshold trim. Dri-Dek insert on lower floor of step entry.
Electrical: Step, Zico VS-24-9 retractable vehicle step mounted below curbside entry door. Includes (1) override
Cabinets: Inside/Outside Access, to Compartment #6 with single 1/2" "INSET" Acrylic hinged door and Eberhard two-point paddle latch. Door to be inset into door frame, not overlapping.
Divider: Aluminum w/DA finish, vertical in back Board Compartment Locate: Compartment #6 - standard position
All Entry Door paddle handle and rotary latching components will include emergency door releases located top and
Power Door Locks: All Entry and Compartment Doors, wired to OEM door lock system. Includes (1) switch by
Power Door Locks: Stealth Switch on Ford, Power Door Lock System, Push Button Switch (Grille bracket on F- LOCATION: Standard position in front grille area
Power Door Locks: Key Pad, programmable for power door locks.
Rear Bumper: ADP corner pods w/Dock bumper pads, Center grip-strut flip-up step, powder coated steel frame
IV Hangers: (2) Cast black rubber fold-down over knee area of Cot and Squad Bench
Mirrors, OEM: (1) heated/remote control on each cab door, (1) on interior windshield
Tow Eyes: Frame-Mounted Through Rear Kick Plate, Ford F-450 96"W Type I Cab/Chassis.
Corner Guards: Lower body corners, ADP; (2) 4" taller ADP on Curbside front and Streetside Front
Stone Guards: ADP, Front face of module inboard of corner stone guards, 16"H, mounting between Front Face and back
Kick Plate, Rear: ADP, below rear doors across to corner posts.
Rub Rails: C-Channel, tapered ends, Lower Body off-set mount with neoprene spacers.
Running Boards: Diamond Plate, Type I w/starburst pattern
Fender Flares: Rolled Stainless Steel
Fuel Fill Bezel: Cast aluminum; DEF Fill Bezel: Cast Aluminum
Fuel Fill and DEF Fill Bezel and Stainless Steel Plate: Cast aluminum; DEF Fill Bezel: Cast Aluminum. Note extended
Insulation: Pink, double sided radiant barrier/acoustic material - exterior compartments to be wrapped with additional
Insulation: Pink, double sided radiant barrier/acoustic material, installed on curbside and streetside rear wheel wells.
Insulation: Pink, double sided radiant barrier/acoustic material, installed on backside of main cabinet wall on all flat
Insulation: Spray in place foam applied to curbside entry step well and both rear wheel wells

Undercoating: Per QVM Guidelines
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Brake, Turn & Back-Up Lights
Lights: DOT, Brake/Tail, Turn, Back Up: Whelen M6 Series LED.-See option in Warning Lights section below.
Lights: DOT Marker, (7) Whelen OSR00MCR Red and (7) Whelen OSA00MCR Amber LED clearance and marker lights. Locate: (5) Red marker lights on rear face of body, (2) Red marker lights side facing on rear extrusion. Locate: (5) Amber marker lights on front face on body, (2) Amber marker lights side facing on rear extrusion. The two side facing amber lights to be wired as turn signals. All remaining OS lights to be wired as steady burn marker lights.
Electrical, Power Distribution, Control Center & Interior Lighting
Standard M2 Rocker/Relay hardwired electrical system with "L" Series switches. All switch panels to have Carbon Fiber Finish.
Battery Switch, Automatic: TST CDR-400. Located in Electrical Cabinet.
Batteries: OEM, under hood
Battery: Additional, (1) OEM, 750 C.C.A. w/single roll-out tray on Type I, IATS batteries under the hood. Battery to
Front Console/ Switch Panel: Standard Type I Console. Formed Aluminum body powder coated black and attached to chassis floor. Switch panel: Engraved plastic with LED lighted switches for Emergency Master, Primary/Secondary Modes, Siren/Horn, Left, Rear, Front, and Right Floods, Back-Up Alarm, Module Disconnect. Siren mounted in separate
Switching: (4) ON/OFF/ON Momentary switches - (2) "High / Left Dome / Low" PN: MX09322 and (2) "High / Right / Dome Low" PN: MX09323 to achieve Hi / Low 3-way switching. Locate (2) in the existing action area Positron switch panel ILOS and (2) in Positron switch panel location on the curbside wall IATS. Requires (2) 3-way
Lights: Spotlight, Rigid E-Series Pro 30" Spot/Flood Combo LED Light Bar (black housing) mounted to front of
Switching: Ground Lighting, switch to be added to the front switch panel labeled "Ground Lights".
""Electrical: Antenna, (2) 25' Coax with 3/8"" through-hole antenna bases prewired to roof ILOS standard coaxial cables.
NOTE: Radio installation tech will have to drill hole and complete mount.
Dome Lights: Whelen LED 18-diodes w/chrome flange MX80EHZA, 2-banks of four (4) lights switched separately with
Accent Light: Install one ITC LED Cool White 10mm Luna Strip Light with channel along the top of the main cabinet wall along the ceiling seam. Wire to electrical system with switch titled "Accent Light" located in rear switch panel. Provision
Action Area Light: 12 VDC LED light, with On/Off switch on rear control panel
Electrical: Shoreline, 125VAC, 20-Amp, Kussmaul SUPER Auto Eject P/N: 091-55-20-120 side wired with hinged, yellow, weatherproof cover, Located above Compartment #2 on Streetside. Will have to be mounted on a
Switch, Momentary Disable: For Scene/Load Lights. (1) Located on Curbside Wall in 4-position carbon fiber finish bezel: MX01614 and (1) 3-position MX01615 located on Rear Curbside wall in standardized position, vertical S.S. trim is
Switching: Timer, Momentary 15-Minute timer switch for patient compartment dome lights. Locate switch in
"Inverter: Vanner LSC12-1100- 1100watt with 3-Stage 55Amp battery charger, 20Amp power supply and built in GFI. Remote controlled with switch in the rear switch panel. DUAL FANS REQUIRED. Locate in interior lower
Electrical: Battery Charger, DELETE STANDARD (when adding Inverter with integral charger)
Breaker Box: 125 VAC w/20-Amp Breaker located in interior lower cabinet "E" with inverter.
Electrical: Clock, Marathon CL030062BK Slim-Jumbo Atomic Digital wall clock. Self-setting/Adjusting, 12 or 24 hour format. (Order with mounting plate)
Location: One (1) on Compartment #6 Cover Wall facing foot end of Squad Bench up high.
12VDC Outlets: Wall plate with Single 12VDC outlet dual 2A USB charging ports combined. (1) in Action Area, (1) in ALS
125VAC Outlets:: Duplex Outlet, Grey outlet w/Carbon Fiber finish faceplate. (2) in Action Area, (3) in ALS
Speaker: (2) Speakers wired to OEM radio in cab to be installed in the patient compartment with Fader control.
Rear Switch Panel: (1) Rear Carbon Fiber Electrical Panel.
Warning Lights & Sirens
Lights: Warning, Whelen LED EMERGENCY Lighting Package.
All LED lights shall have CLEAR Lenses. All emergency and scene lighting shall have chrome flanges in

"Lights: Warning, Whelen M-Series LED EMERGENCY Lighting Package All LED lights shall have CLEAR Lenses. All emergency and scene lighting shall have chrome flanges in standard locations. Front of Body: Add (7) M9 Whelen LEDs- Specify pattern by LED Color: Configured R/R/W/R/W/R/R (Must provide configuration). (5) M9 Red LEDs & (2) M9 White, (2) outer corners and (1) center light flash on K-Spec flasher. Inner (4) leds will be wired to light bar switch Sides of Body: (2) M9 Red LEDs: (1) Curbside rear & (1) Streetside forward. (2) M9 Red LEDs: (1) Curbside forward & (1) Streetside rear. Rear of Body: (4) Whelen M-Series LEDs: (2) Red in upper outboard corners, (2) Red Mid-Body wired as Brake, Turn & Back-Up Lights: Whelen M Series LEDs Lights, Warning, Grille: (4) Whelen ION DUO Red/White LEDs I2SMD with chrome Housing in Grille. NOTE: Flash pattern to be DUO in Primary and Red in Secondary. Lights: Scene/Load, Whelen M9 Linear Super-LED® Surface Mount M9LZC with chrome flange M9FC. Locations: Two (2) each side of module and Two (2) upper rear of module. """" Lights, Load: Whelen 900 Series Halogen with flange included - (2) over rear entry doors Flasher: Dual mode flasher for Warning Light system, Vanner 9860GCPE Siren Speakers: dual 100 Watt drivers mounted behind the front grille Siren: Whelen 295HFSA7 Remote Dual Siren Amplifier, with Flush Mount Control Head, Meets CA Title 13, ILOS -
Oxygen, Vacuum & Miscellaneous Items Oxygen Outlets: Quick-connect style, (2) in Action Area, (1) over Squad Bench Oxygen Outlet: Quick-connect style, 1-ceiling, standard position Electric Oxygen with manual bypass and switch on A/A panel Cabinets: Add recessed pocket below A/A countertop for SSCOR suction canister and Vacuum outlet. Suction Aspirator System: Oxygen: O2 Cylinder Mount, Universal Lift Zico QR-OTSL-US for H-Cylinder, LH Drive, LH Remote Control; Oxygen: O2 Cylinder Mount, (1) CPI OA1205-DUAL-D-1 oxygen bottle holder with mounting plate, for two "D" O2 Regulator: Amvex, 50psi, pre-set
AC / Heat HVAC System: Spheros PN: 11149695A, "STAND ALONE" High capacity, maximum cool top blow (updraft), brushless, combination Heat-AC system to include a STAND-ALONE HVAC compressor mounted on the OEM engine by Spheros installers and a FRONT WALL / bulkhead mounted, single core external condenser mounted on a painted aluminum shelf. The system shall include a digital thermostat mounted on the action area wall and inline booster pump to enhance the rear heater performance. HVAC unit mounted in front bulkhead over and to the left of the Pass-Thru with plenum ducting along the top of the main cabinet wall and adjustable vents evenly Thermostat: (1) Digital thermostat installed on the A/A wall.
Cabinets, Hardware & Miscellaneous Items All Cabinets Powder Coated Aluminum Construction Main Streetside Wall Cabinets w/Ducted HVAC System Streetside Cabinet Configuration shall include a CPR Seat with Pro-4 seat belt system. The seat belt system shall include a custom contoured seat back, a single click Pro-4 seat belt, custom pads on the upper straps for Main Wall aisle-facing Cabinets will have (1) adjustable aluminum shelf in each and sliding polycarbonate doors with full Action Area Overhead Cabinet: Single cabinet full-height/full-depth of Action Area with sliding polycarbonate doors and Action Area and Switch Panel: Black, powder coated aluminum A/A panel, solid surface countertop with SSCOR Suction system, Vacuum gauge, (2) Oxygen outlet, (1) Electric O2w/bypass , (1) 12VDC/USB Outlet, (1) 125VAC Outlet, and separate thermostat. Countertop: 1st / 2nd action area - Corian material overhanging cabinet edge w/ accent color lips. -Main color: Black -Accent lip color: Gray Cabinet overhead, forward of CPR Seat: Beveled cabinet w/(1) adjustable shelf and (2) hinged 1/2" Acrylic doors with CPR Seat, 2nd Action Area: CPR seat w/hinged, latching lid, storage under seat w/TriMark latch, EVS formed back rest "Cabinets: Drawers, (2) ALUMINUM build pull-out with HD slides stacked below the 2nd Action Area countertop with 2nd action area counter top to be big enough to hold a Life Pack 15 Cabinet overhead, rear of CPR Seat: Beveled cabinet w/(1) adjustable shelf and (2) hinged 1/2" Acrylic doors with non- Cabinets: Below main Action Area shelf. Will extend the length of forward edge of exterior compartment #2. Inside/Outside access to Compartment #3: With dual 1/2" Acrylic hinged doors w/non-locking Eberhard two point

Front Bulkhead Cabinets: Electrical Cabinet located above Tech Seat w/round SouthCo latching, vented door; HVAC
Pass-Thru Angled Cabinets: Upper cabinet- general storage with dual, hinged, inset, non-locking doors and Eberhard Two-Point Non-Locking PADDLE latches on each door. 2 shelves in upper cabinet. Lower cabinet general storage with
Cabinet Above ALS: Open storage w/dual hinged 1/2" inset Acrylic doors w/non-locking two-point PADDLE latches, (1) adjustable shelf.
Note: ALS Doors to be inset.
Make ALS Cabinets G1 and G2 one cabinet
ALS Cabinet: Lower Section-with dual hinged 1/2" inset Acrylic doors, two-point non-locking PADDLE latches and (1) adjustable shelf w/ LonPlate flooring. Middle Section- 6-inch deep drawer w/locking latch and Dri-Dek mat; Upper Section-with dual hinged 1/2" inset Acrylic doors, two-point non-locking PADDLE latches and (1) adjustable shelf w/ LonPlate flooring.
Adjustable Shelves and bottom floor to have rubber matting material.
Glove Box Holders: (3) w/hinged, powder-coated steel door, in pad above Curbside Entry Door
Squad Bench:
A-Bar: With Sharps/Waste, 15"W w/ .250" mounting plate, Yellow.
Hinged lid w/TriMark latch for access to interior storage; Upholstered seat cushion.
2) EVS Pro-4 seat belt system seating positions. The seat belt positions shall include a custom contoured seat back, a single click Pro-4 seat belt, custom pads on the upper straps for shoulder comfort, a custom retractor for securing a
Stainless steel riser on lower face.
Cabinet, Squad Bench Overhead: with (2) flip-up 1/2" Acrylic doors and Eberhard two point paddle latches with
Cabinet: Rear Overhead: Single flip-up, inset acrylic door w/ non-locking defender latch and constant torque hinges.
Technician's Seat: An EVS Rear facing custom contoured, automotive style, high back seat with the Pro-4 seat belt system mounted on an EVS structural steel base. The seat belt system shall include a custom automotive style seat, a
Seat Base: EVS SB-2 Swivel Base for EVS Technician's Seat
Assist Rail: 2 overhead. Powder coated Yellow.
Grab Handles: (3) V-Style, Stainless Steel , 1.25: SS w/Radius Ends
Reflective Striping, Door Open Protection: .50" Red reflective striping around interior door pan of all body doors.
Reflective Striping- Alternate Red/White chevron pattern on smooth aluminum kick panel- mounted on each rear entry
Add four glove box holder on street side rear under cabinet
All Interior Cabinets, drawers, and Shelves to have black pebble grain rubber matting on cabinet bottoms and
Cots & Miscellaneous Items
Floor Plate with Power for Dealer Installed Ferno Power X2 Cot and Power F2 Mount
Paint & Lettering
Paint: Body all OEM RED Ford Race Red
Match current Crete Rescue Graphic scheme
Roof Star ONLY, INSTALLED

Fire Extinguisher: (2) 5 lb- Ship Loose is Standard

