

NEW BUILD SHEET - TYPE I-EHD CHEVROLET 4500 4X2 DIESEL

- 239 The chassis model year shall be: 2023
- 240
- 241 The chassis engine shall be a DIESEL - powered engine.
- 242 (1) The cab for the chassis will be ordered "**standard OEM white**" from the chassis manufacturer.
- 252 (1) The chassis will be SUPPLIED BY EXCELLANCE.

253 **Note: Excellence is entitled to OEM concessions on any chassis supplied by Excellence.**

318 **EXTRA HEAVY DUTY CHASSIS**

- 322 (1) **EHD I - 96" x 172" box CA = 108"**

325 **Specify model of EHD chassis here:** CHEVROLET SILVERADO 4500 4X2

326 Model year: 2023

327 Engine type: TBD

328 Horsepower: TBD

329 Transmission Type: TBD

330 C.A. dimension: 108"

347 The vehicle will be ready for delivery w/ electrical diagrams, cleaned, inspected, fuel tanks full,
348 vehicle serviced, certified weight ticket, and copies of all warranties and owners manuals.
349 Air tanks installed by Excellence will have manual moisture relief valves.

- 355 (1) * Chevrolet/GMC Chassis service manuals: gmupfitter.com

- 381
- 400 (1) * Rear LiquidSpring Suspension for Chevy 4500 ** (see NOTE below)

409 **** WEIGHT ADVISORY: This item affects GVW and payload availability.**

- 417 (1) * Activate "dump" feature automatically when left rear door is open

- 418 (1) Override switch at rear of module on curbside door.

426 * Suspension System installation includes "down" indicator light on front console.

429 *** OEM air dump switch on dash to remain enabled unless otherwise specified in Customer Notes.**

CUSTOMER NOTES / SPECIAL REQUESTS

443 **** Install an engraved aluminum plate with "EXCELLANCE", Unit #, and date of manufacture**
444 **on the inside door panel of the L4 compartment. Place either above or below the**
445 **standard label. (CAAS Req.)**

446 **** Install an engraved aluminum plate in the cab with the maximum height capacity. (CAAS Req.)**

CHASSIS: TIRE / WHEEL

454 OEM Steel-belted All-Weather Radial tires per chassis specifications

- 456
- 457 (1) * There is no spare tire for this ambulance chassis.

- 459
- 475 (1) * Hub and Lug Nut Covers: Chrome baby moon hub covers for front wheels and
476 chrome high hat hub covers for rear wheels with chrome covers for all lug nuts.

CHASSIS: EXTERIOR

- 553
- 607 (1) * Mud Flaps, 2 Rear

CHASSIS: INTERIOR CAB

- 626
- 634 (1) GM light duty: charcoal interior cab color

640

641 (1) Cab floorboard to have rubber matting

657

660 **CHASSIS ELECTRICAL SYSTEM: STANDARD SPECIFICATIONS**

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662 (1) OEM auto-throttle, with on/off switch - EHD units only

663 Module disconnect power switch

668 OEM alternator(s) with internal regulator

671 Back-up alarm, reverse activated

685

687 **CHASSIS ELECTRICAL SYSTEM: INTERIOR CAB**

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690 (1) Floor mounted console on Type I and EHD units

700 (1) Map Light, Flex-head Littlelite with red lens (12" shaft) located on front console

708 (1) Volt Meter with Dual USB port installed on console switch panel.

710

719 (1) * Ignition security system, anti-theft device, Kussmaul Safety Lock 3 (CAAS Req.)

724 (1) * Pro-Vision TV-205 rear camera system with 5" LCD flat screen

725 monitor on the cab console. (CAAS Req.)

745

746 **MODULAR BODY: STANDARD SPECIFICATIONS**

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748 All aluminum modular ambulance body with 1/4-inch thick aluminum corner extrusions

751 (1) Module headroom shall be 72 inches for this unit.

753 All aluminum framework with special anti-corrosion barrier applied to all fasteners, hinges, and components

754 Aluminum exterior skin shall be .125" thick, attached by continuous welds at all seams and corners

755 Aluminum exterior roof skin shall be .125" thick aluminum

757 3/4-inch thick composite floor with .063" aluminum subfloor insulated with Polystyrene foam planking

758 Install .125" thick Aluminum overlay to the top of the Coosa Board floor

762 3 module entry doors and all exterior compartment doors insulated with 2" Styrofoam planking

763 (1) Left rear door shall close with an automatic "slam latch"

764 2 key locking module entry door handles all keyed alike

765 (1) Curbside entry door equipped with gas shock and nylon restraint strap to reduce opening and closing force

769 Number of grabber / hold-open devices with gaskets: 2

770 Polished extruded aluminum drip rails over all module entry doors and exterior compartment doors

776 1 set aluminum diamondplate stone guards for front of unit

778 1 set diamondplate rub rails with aluminum tubular support & plastic spacers off body

779 2 aluminum wheelwells

780 (1) 1 set polished cast aluminum module fenderettes

783 1 diamondplate rear kick panel

786 (1) 10 body mounting 5/8" diameter Grade 8 bolts w/ heavy duty wear point spacers & outrigger supports

788 1 custom-made aluminum diamondplate rear bumper with the following features:

789 angled rear corners

790 folding step built into bumper

791 1 dock bumper(s) each side of bumper

792 All windows installed in the patient compartment come with "privacy glass"

793 Fixed window for each rear entry door. Specify size: 12" x 36"

795 (1) Fixed curbside entry door window. Specify size: 18" x 24"

812

824 (1) * Type I: Cabinet below pass-thru window to have dual hinged painted aluminum-faced doors

832 (1) * Modify roof structure to add additional tubing allowing module ceiling to be a flat

833 surface. Center trough pad will be replaced with a painted cover panel. The roof

834 of the module will be double insulated.

835 (1) * Modify L4 compartment into an upper and lower compartment. The Upper L4/1

836 compartment will house the HVAC system facing forward with lines being routed

837 around the front of the module to be ducted through the ceiling and at the front bulkhead.

838 (1) * Cabinet B and Cabinet D above the CPR seat shall be angled.

868

870 **CAB / MODULE PAINT AND LETTERING: STANDARD SPECIFICATIONS**

871

- 874 (1) * DELETION CREDIT: Do not paint the 4 outer wheels
 875 Include one touch up paint kit for each color used
 880 (1) * DELETION CREDIT: Delete Federal ambulance markings
 881
 884 The cab for the chassis will be ordered and painted standard OEM white.
 885 (1) The module shall be painted the same color to match the chassis.
 898 (1) * Metallic paint will not be used anywhere on this unit.

911
 912 **BELTLINE**

- 914 (1) * DELETE standard 11" reflective beltline stripe

959
 960 **PINSTRIPES**

- 964 (1) * DELETION: No pinstripe tape AND no painted beltline to be applied by factory

970
 1031 **LETTERING**

- 1032
 1033 (1) Excellence supplied/installed lettering is not included but can be provided

1034
 1053 **EXTERIOR COMPARTMENTS: STANDARD SPECIFICATIONS**

- 1054
 1055 All exterior compartment doors insulated with 2" styrofoam
 1056 206 latch w/ key locking stainless steel 9000 series D-ring handles with gaskets (where possible)
 1058 (1) Doors equipped with gas shocks to reduce opening and closing force
 1065 Machine louvered or plastic venting, as needed, in all exterior compartments

1087
 1088 **EXTERIOR COMPARTMENTS:**

- 1089 All aluminum unistruts to be welded into exterior compartments (no screws or rivets)
 1090 * Oxygen tank(s) shall be located in compartment L4 (Streetside Forward)

1091
 1092 **Compartment L1: (Streetside Rear)**

- 1093 (1) Tall L1 version - standard for 146" & 166" modules
 1094 (1) * Backboard storage in L1 will have 2 adjustable vertical dividers

Type of shelves in L1:	Quantity	Thickness of aluminum
Adjustable shelves with unistrut	3	0.125"
Fixed shelves	0	0.125"

- 1100 (1) Inside / Outside access with interior cabinet door
 1106 (1) One standard LED light in compartment - to be door activated

1127
 1128 **Compartment L3/1: (Outside electrical compartment for power distribution panel)**

- 1135 (1) One standard LED light in compartment - to be door activated

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 1145 **Compartment L3/2: (Streetside Intermediate)**

Type of shelves in L3/2:	Quantity	Thickness of aluminum
Adjustable shelves with unistrut	1	0.125"
Fixed shelves	0	0.125"

- 1156 (1) One standard LED light in compartment - to be door activated

1177
 1178 **Compartment L4: (Streetside Forward)**

Type of shelves in L4:	Quantity	Thickness of aluminum
Adjustable shelves with unistrut	0	0.125"
Fixed shelves	0	0.125"

- 1185 (1) One standard LED light in compartment - to be door activated

1203
 1205 **Compartment R1: (Curbside Rear)**

- 1222 (1) Tall R1 - standard on 166" & over boxes - includes short R2 unless deleted at
 1225 (1) * Backboard storage in Tall R1. # of adjust. dividers: 0

Type of shelves in Tall R1:	Quantity	Thickness of aluminum
Adjustable shelves with unistrut	0	0.125"
Fixed shelves	0	0.125"

- 1232 (1) Outside access for Tall R1
 1235 (1) One standard LED light in R1 compartment - to be door activated

1252

1253 (1) Compartment Short R2: (Curbside Rear) Only available if Tall R1 is selected.

1255 (1) Inside / Outside access for Short R2

Type of shelves in R2:	Quantity	Thickness of aluminum
Adjustable shelves with unistrut	1	0.125"
Fixed shelves	0	0.125"

1263 (1) One standard LED light in compartment - to be door activated

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1280 Compartment R4: (Curbside Forward)

1281 (1) Inside / Outside access for full height of R4 compartment

1295 (1) Drug box storage in R4 shall have a locking Painted Aluminum

1296 (1) Cabinet beside the drug box storage in R4 will have inside / outside

1297 access with a non-locking Painted Aluminum

1298 The vertically-hinged doors will be individually latching doors

1308

Type of shelves in R4:	Quantity	Thickness of aluminum
Adjustable shelves with unistrut	2	0.125"
Fixed shelves	0	0.125"

1318 (1) One standard LED light in compartment - to be door activated

1334

1417 (5) Number of exterior compartment(s) to be finished in Excellence texturized paint.

1418 Specify each compartment here: ALL - EXCEPT R4 which is to be finished white

1489

1491 **PATIENT COMPARTMENT: STANDARD SPECIFICATIONS**

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1493 Install clear polycarbonate throughout the unit.

1497 Full seam-welded NFPA-compliant anti-skid aluminum diamondplate stepwell with flush sweep-out design

1498 Door-activated flush-mounted stepwell light, LED

1499 3 interior entry door panels, aluminum painted white

1500 (1) Alternating red/white 10" reflective diagonal stripes on each Personnel Door

1505 Grab handles for module doors to be: 1.25" diameter seamless stainless steel

1506 (1) Grab handle(s) for the inside of the side entry door: 18" long

1508 (1) Grab handle(s) on each rear door inside the module: "L" shape 33" x 17.5"

1509 Aluminum walls painted white

1510 Aluminum ceiling finish painted white

1511 (1) Insulation in the module walls and ceiling

1513 Welded tubular aluminum cabinet framework with cabinet tubular faces painted white

1514 Sliding medical cabinet doors of 1/4" polycarbonate with full height extruded aluminum handles

1515 All cabinet interiors are to be painted white

1516 Cabinets have Austin latches on hinged cabinet doors and Safety Pins on sliding doors (KKK compliant)

1517 Cabinets will be labeled with their rated weight capacity

1518 Streetside action area with solid surface counter top

1519 The color for all counter tops will be: light gray w/ white & charcoal speckles

1527 Action area shelf to have lip

1528 Oxygen compartment shall have one polycarbonate hinged access door for "M" & "H" size cylinders

1529 Squad bench w/vinyl covered padded split seat cushion and with a hinged lid

1530 two 6-point seat belt harnesses: red

1531 sets of patient restraint straps: 3 red

1532 Squad bench to have a solid vinyl covered padded back rest and head rest

1533 2 "No smoking oxygen equipped / Fasten your seatbelt" decals, one in cab and one in module

1534 Removable wiring access panels, vinyl padded down the center of the ceiling w/ 1" x 2" tubular supports

1536 (1) # of 96" x 1.25" diameter stainless steel overhead grab rails on 166" module: 1

1539 1 CPR seat with vinyl covered padded seat and head protectors

1540 CPR seat to have 6-point seat belt harness

1550

1563 **PATIENT COMPARTMENT:**

1564

1565 Painted white aluminum interior

1570 * High back EMT Captains Chair (Bucket Seat) at Action Area w/ these features:

1571 Built-in Child-Safety Seat? No

1572 # of seat belt harness points: 6

1573 # of arm rests: 0 | no arm rests

1577 (1) * Sewn upholstery

1579 (1) * WISE brand

1581

Type of IV holder	Quantity	Mounting location for IV holders:
Rubber shaft fold-down w/ velcro	1	head of primary cot
Rubber shaft fold-down w/ velcro	1	head of squad bench

1619

1620 Cabinet over Action Area to have...

1621 (1) Sliding doors that are made of polycarbonate

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1688 **BIO-HAZARD / TRASH CONTAINERS:**

1689

1691 (1) Two wall mounted Maxxim kits - each kit has one sharpes container and one trash container

1694 (1) Maxxim kit(s) to be mounted by Excellence when customer picks up unit

1697 (1) * Compartment in top of action area (L3/2 access) for sharpes and trash - (CAAS Req.)

Trash with hinged, spring loaded polycarbonate lid; Sharpes to be without lid.

1753

1754 **SEATING / UPHOLSTERY:**

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1756 Padded vinyl head protectors over module entryways, color coordinated to match interior

1759 (1) Gray color for upholstery (Gray)

1768 (1) Net at head of Squad Bench, standard 58" x 17" (Red unless specified in Customer Notes)

1784

1785 **FLOOR COVERING:**

1786

1787 Heavy duty vinyl floor covering will be installed inside patient compartment

1788 (1) * Lonseal / Lonplate II flooring (this flooring will extend up the side walls)

Type of floor selected above:	Floor color	Curbside wall covered in:
* Lonseal / Lonplate II flooring	421 Mica	Floor covering

Streetside wall covered in:
Floor covering

1807

1808 **HANDRAILS / MOUNTING BRACKETS:**

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1810 (1) All handrails will be stainless steel, knurled, antimicrobial rails painted (powder coated) yellow.

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1825 **COT / LITTER MOUNT:**

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1827 The cot used in this unit will be a: (Brand) TBD (Model) TBD

1828 The cot will be supplied by: Customer

1829 The retention system will be supplied by: Customer

1830 Purchaser / Customer agrees to idemnify and hold Excellence harmless for the installation of any cot retention system specified by the Customer that is not compliant with any governmental authority.

1832

1833 The mounting position for the cot shall be:

1834 (1) * Center mount for one cot

1836

1838 (1) Post and wheel cups will NOT be installed in the patient compartment.

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1845 **THE COT WILL BE SUPPLIED BY CUSTOMER**

1849 **THE RETENTION SYSTEM WILL BE SUPPLIED BY CUSTOMER**

1850 **** Install customer-supplied cot retention system. Excellence can supply upon request.**

1867

1868 **MODULE ELECTRICAL SYSTEM: STANDARD SPECIFICATIONS**

1869

1870 12 VDC electrical distribution system

1871 Color and function coded wiring

1872 GXL high temperature wiring insulation

1873 Automatic reset circuit breakers

1874 Heat shrink tubing on all terminals

1875 Lighted rocker switches

1876 Engraved backlit switch labels
 1877 1 labeled power distribution panel will be located in the exterior L3/1 compartment
 1879 Patient compartment control console with hinged access panels in action area
 1880 12 VDC Medical outlets to be installed as follows:

Type of outlet:	Quantity	Location for outlet(s):
Cigarette	2	Action Area

1889 Magnetically controlled, hermetically sealed door switches
 1891 "Module Entry Door Open" warning circuit w/ warning light in cab console
 1895 Door activated exterior compartment lighting
 1896 All of the dome lights located on the curbside to turn on to low intensity when
 1897 module entry doors are opened and/or switch on cab console is activated
 1898 All switches, indicators and control devices shall be labeled in accordance w/ current KKK-A-1822

MODULE ELECTRICAL SYSTEM:

1901
 1902
 1903 1 Kussmaul #091-32 Load Manager / Sequencer.
 1904 Load Manager and status indicator to be located in cab console.
 1905 (1) Excellance will determine load manager circuits and sequence of priority.

1914
 1927 2 #RG58U coax antenna cables from center wiring trough to behind driver's seat
 1929 * Location for origination of first "std" coax cable: module center trough
 1930 * Location for termination of first "std" coax cable: behind the cab seat
 1931 * Location for origination of 2nd "std" coax cable: module center trough
 1932 * Location for termination of 2nd "std" coax cable: behind the cab seat

1977 (1) TruckLite LEDs # 80162C EMT ("Standard" in action area)
 1983
 1985 (1) Four Whelen 8-inch LED dome lights mounted in ceiling on streetside
 1986 (1) Four Whelen 8-inch LED dome lights mounted in ceiling on curbside
 1996 (1) * All ceiling lights to operate with two switches (one for streetside & one for curbside lights).

125 VAC ELECTRICAL: STANDARD SPECIFICATIONS

2048
 2049
 2050
 2051 Location for each 125 VAC duplex receptacle (interior to be lighted; exterior to be weatherproof):
 2052 (1) in Action Area
 2053 (1) lower section of the R-4 ALS cabinet
 2060 GFI circuit breaker box to be located: mounted in GFI box in electrical panel
 2061 First GFI circuit breaker to be wired to: the engine block heater
 2062 Second GFI circuit breaker wired to: the 125V electrical system

SHORELINE

2078
 2079
 2080 (1) One 30 amp / 125 volt Twist Lock Shoreline Plug with
 2081 weatherproof lift cover (with female Shoreline Input Adapter)
 2114
 2125 (1) * **Shoreline to be mounted :** Side of module forward of L4 hinge

125 VAC ELECTRICAL EQUIPMENT:

2140
 2142
 2143
 2147 On-board 15-amp battery charger activated via the shoreline
 2166 (1) * Pre-wire with switch at EMT panel for inverter to be installed by customer
 2167 * Specify brand & model number of the inverter here: TBD. Excellance can supply & install an inverter.

SCENE AND EXTERIOR LIGHTS: STANDARD SPECIFICATIONS

2200
 2202
 2203
 2204 2 backup lights wired to operate with rear scene / load lights
 2205 Rear license plate bracket shall be surface mounted on rear of unit with light
 2206 1 set of red rear turn marker lights on each side of module using:
 2207 (1) L.E.D. 4" round turn marker lights (part # 44350R)

WORKLIGHTS / FLOODLIGHTS / SPOTLIGHT:

2540 Flashing light installed at the top center of rear module wall shall be:

2541 (702) Whelen 700 series Amber LED w/ flange

2543 Color for this lens shall be: clear

2544

2549 (1) 1 Whelen AFM-1660 solid state flasher (Standard)

2551

2552 (1) The flash pattern for the emergency lights shall be programmed as specified by KKK.

2555

2592 **EMERGENCY AUDIBLE WARNING SYSTEM:**

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2594 (1) 1 Whelen hands free electronic siren with cab console mounted controls w/ PA microphone

2595 Siren tones to be programmed in "default" mode.

2617

2618 **Speaker**

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2630 (1) Two through-the-bumper speakers ("standard" for Chevrolet chassis)

2651

2653 **OXYGEN AND SUCTION SYSTEMS: STANDARD SPECIFICATIONS**

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2655 Oxygen system plumbing with cylinder wrench chained in oxygen compartment

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2657 **Tank Brackets:**

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2659 (1) * Oxygen tank(s) shall be located in compartment L4 (Streetside Forward)

2662

2663 (1) * Zico "MultiVersal" restraint system with adjustable bracket for a "M" tank

2674 1 oxygen regulator, 50 PSI

2677

2678 **Oxygen Systems:**

2693 Ohio-Diamond type oxygen outlets.

2694 (1) * 2 oxygen outlets located at EMT panel, 1 at curbside

2722

2742 **Vacuum System:**

2743

2744 Sscor suction system with 1 canister and lid, on-off power switch, 5-foot exhaust hose,

2745 vacuum gauge and internal regulator (no vacuum outlet needed) - to be installed...

2746 (1) ... aft of action area control panel on the streetside interior wall.

2780

2782 **HVAC SYSTEMS: STANDARD SPECIFICATIONS**

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2784 12 VDC multi-speed exhaust fan at rear of module

2785 1 static air intake at front curbside of module

2786 Floor-level return air plenum with replaceable filter for A/C-heat unit

2787

2788 **HVAC SYSTEMS:**

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2792 (1) * Discharge the HVAC system down the length of the patient compartment in

2793 the ceiling via the "center trough".

2861 **EHD Medium-Duty Chassis**

2862 **NOTE:** Is the Medium-Duty Chassis to be ordered with an

2863 OEM auxiliary engine mounted 12 VDC compressor? No

2864 If "Yes", then the following are in addition to the auxiliary OEM chassis compressor.

2866 12 Volt HVAC systems:

2867 (1) Heavy duty combination heater / air conditioner system w / digital

2868 electronic thermostat with digital temperature display.

2869 (1) Under-body-mount auxiliary A/C condenser is standard for EHD units

2908

2910 **FIRE EXTINGUISHER:**

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2912 (2) 5# ABC fire extinguishers

2914 * Extinguisher mounting instructions: Ship Loose