

NEW BUILD SHEET - TYPE I CHEVROLET C3500 HD 4X2 DIESEL

- 239 The chassis model year shall be: 2023
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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.**
299 **CHEVROLET / GMC C/K SERIES (AMBULANCE PREP PKG.)**

303 (1) **C3500** **Type I** 96" x 146" box
304 CA = 84"

- 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

CHASSIS: SUSPENSION

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398 (1) * Rear LiquidSpring Suspension for Chevy C3500 ** (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.**
442 **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

- 453
454 **OEM Steel-belted All-Weather Radial tires per chassis specifications**
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457 (1) * There is no spare tire for this ambulance chassis.
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470 (1) * Wheel Inserts for C3500, "Phoenix" stainless steel w/ rear air valve extension

CHASSIS: EXTERIOR

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

CHASSIS: INTERIOR CAB

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632 (1) **GM light duty: gray interior cab color**
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641 (1) **Cab floorboard to have rubber matting**

CHASSIS ELECTRICAL SYSTEM: STANDARD SPECIFICATIONS

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663 **Module disconnect power switch**

664 (1) This GM chassis will NOT have the automatic high-idle module in lieu of
665 the OEM manual activation.
668 OEM alternator(s) with internal regulator
671 Back-up alarm, reverse activated
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687 **CHASSIS ELECTRICAL SYSTEM: INTERIOR CAB**

688
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.)
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746 **MODULAR BODY: STANDARD SPECIFICATIONS**

747
748 All aluminum modular ambulance body with 1/4-inch thick aluminum corner extrusions
750 (1) * Module headroom shall be 72 inches for this non-EHD 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
772 (1) Fuel fill housing for chassis to be: recessed cast aluminum housing(s)
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
787 (1) 8 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"
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814 **MODULAR BODY:**

815
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.
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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
882 **PAINT**

883
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 **PINSTRIBE**

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

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1031 **LETTERING**

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

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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

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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

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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)**

1206 (1) Short R1 - standard for 146" module

1208 (1) Inside / Outside access for Short R1

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

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1235 (1) One standard LED light in R1 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

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

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

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1417 (4) 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

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PATIENT COMPARTMENT: STANDARD SPECIFICATIONS

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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"

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1511 (1) Insulation in the module walls and ceiling

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1535 (1) # of 72" x 1.25" diameter stainless steel overhead grab rails on 146" module: 2

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1577 (1) * Sewn upholstery

1579 (1) * WISE brand

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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

1687
 1688 **BIO-HAZARD / TRASH CONTAINERS:**

1689
 1691 (1) Two wall mounted Maxim kits - each kit has one sharpes container and one trash container
 1694 (1) Maxim 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.)
 1698 Trash with hinged, spring loaded polycarbonate lid; Sharpes to be without lid.

1753
 1754 **SEATING / UPHOLSTERY:**

1755
 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:	Streetside wall covered in:
* Lonseal / Lonplate II flooring	421 Mica	Floor covering	Floor covering

1807
 1808 **HANDRAILS / MOUNTING BRACKETS:**

1809
 1810 (1) All handrails will be stainless steel, knurled, antimicrobial rails painted (powder coated) yellow.

1823
 1825 **COT / LITTER MOUNT:**

1826 (Brand) (Model)
 1827 The cot used in this unit will be a: TBD | 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*
 1831 *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.**

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 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

1890 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
 1899

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

- * Location for origination of first "std" coax cable: module center trough
- * Location for termination of first "std" coax cable: behind the cab seat
- * Location for origination of 2nd "std" coax cable: module center trough
- * Location for termination of 2nd "std" coax cable: behind the cab seat

1931
 1932 (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 Location for each 125 VAC duplex receptacle (interior to be lighted; exterior to be weatherproof):

2050	2051 (1)	<u>in Action Area</u>
2052 (1)	2053 (1)	<u>lower section of the R-4 ALS cabinet</u>
2054	2060	<u>GFI circuit breaker <u>box</u> to be located: mounted in GFI box in electrical panel</u>
2055	2061	<u>First GFI circuit breaker to be wired to: the engine block heater</u>
2056	2062	<u>Second GFI circuit breaker wired to: the 125V electrical system</u>

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:

2211
 2212
 2213
 2214 The hand-held spotlight will be: recess-mounted on passenger side of front console
 2215 (1) Minimum 100,000 CP lamp handheld spotlight w/ momentary switch (Standard)
 2225
 2229 (1) * 2 Whelen 900 Super-LED work / scene lights (surface mount with chrome
 2230 flange) on each side of module (in lieu of halogen lights).
 2234 (1) * DELETE "standard" Whelen 900 side scene lights on each side of module.

2241 (1) * 2 Whelen 900 Super-LED work / scene lights (surface mount with chrome
 2242 flange) on rear wall of module.
 2244 (1) * DELETE "standard" Whelen 900 rear scene lights.
 2245 Note: Scene lights on rear of module will be deleted when rear light bar has scene light option.

2283
 2284 **TURN SIGNAL / TAIL LIGHTS:**

2285
 2286 **Primary brake, turn signal & backup lighting**

2287
 2288 The Primary brake, turn signal, and backup lights on the rear of the module will be:
 2289 600 series L.E.D. lights as turn signals set in a triple Horizontal Casting
 2290 600 series L.E.D. lights as brake lights set in a triple Horizontal Casting
 2291 600 series L.E.D. lights as backup lights set in a triple Horizontal Casting

2417
 2419 **GRILLE LIGHTS / INTERSECTION LIGHTS**

2435
 2436 Grille Lights shall be:

2437 (705) Whelen 700 Red L.E.D. w/o flange Lens color: clear
 2440 Lens color:
 2441 (505) Intersection Lights on the driver's side shall be: Whelen 500 Red L.E.D. w/o flange clear
 2442 (505) Intersection Lights on passenger's side shall be: Whelen 500 Red L.E.D. w/o flange clear

2455
 2456 **OTHER VISUAL WARNING LIGHTS: STANDARD SPECIFICATIONS**

2479
 2480 Flashing light installed at the top center of front module wall shall be:

2481 (904) Whelen 900 series White LED with flange
 2482 The color of the lens for this light is: clear

2484
 2485 Flashing lights in each upper corner of the front module wall (2 total) shall be:

2486 (901) Whelen 900 series Red LED w/ flange
 2487 The color of the lens for this light is: clear

2489 * Install one additional flashing light on the side of the front wall of module.

2491 (901) This curbside light shall be: Whelen 900 series Red LED w/ flange
 2492 (901) This streetside light shall be: Whelen 900 series Red LED w/ flange
 2493 Color of curbside lens shall be: clear Color of streetside lens shall be: clear

2494
 2500 Flashing lights in each upper corner of the curbside module wall (2 total) are:

2501 (901) Whelen 900 series Red LED w/ flange
 2502 The color of the lens for this light is: clear

2504
 2505 Flashing lights in each upper corner of streetside module wall (2 total) are:

2506 (901) Whelen 900 series Red LED w/ flange
 2507 The color of the lens for this light is: clear

2509 * Wheel well lights on each side of module (2 total) shall be:

2511 (701) Whelen 700 series Red LED w/ flange
 2512 The wheel well light lens color is: clear

2513
 2514 Flashing lights in the upper corners of module rear wall (2 total) shall be:

2515 (901) Whelen 900 series Red LED w/ flange
 2516 The color of the lens for this light is: clear

2518
 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.

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2592 **EMERGENCY AUDIBLE WARNING SYSTEM:**
2593
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.
2599
2618 **Speaker**
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2623 (1) Two through-the-bumper speakers ("standard" on Chevy C3500)
2651
2653 **OXYGEN AND SUCTION SYSTEMS: STANDARD SPECIFICATIONS**
2654
2655 Oxygen system plumbing with cylinder wrench chained in oxygen compartment
2656
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**
2783
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:**
2789
2792 (1) * Discharge the HVAC system down the length of the patient compartment in
2793 the ceiling via the "center trough".
2836 **General Motors 3500 Chassis**
2837 12 Volt HVAC systems:
2838 (1) Heavy duty combination heater / air conditioner system w / digital
2839 electronic thermostat with digital temperature display.
2840 (1) * Add a second 12 VDC engine mounted compressor for dual independent
2841 12 VDC compressors for cooling the cab and module individually.
2842 (1) * Add under-body-mounted auxiliary A/C condenser
2908
2910 **FIRE EXTINGUISHER:**
2911
2912 (2) 5# ABC fire extinguishers
2914 * Extinguisher mounting instructions: Ship Loose