

Prepared By: Mike Olney

Year: 2009

Chassis: GMC 4500, 100"

Type: MED

Model: 555A

Rev 1

Print Features

11371

NORTH ROYALTON FIRE DEPARTMENT

7000 ROYALTON ROAD

NORTH ROYALTON, OHIO 44133

CHIEF MIKE FABISH

CATEGORIES:

A	Chassis
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BH	Chassis Accessories
BL	Chassis Electrical
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F	Cabinet Doors, Handles and Hardware
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H	Interior Cabinets, Streetside
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K	Interior Accessories and Trim
L	Cot Mount, and Patient Handling
M	Warning Systems, Visual
MN	Warning Systems, Audible
O	Lights, Non Emergency
P	Electrical Power Group
Q	Heat, Ventilation, Air conditioning
R	Console, Radio, and communications
T	Oxygen and Suction
U	Lettering and Graphics
Z	Other

CHIEF MIKE FABISH



Year:
Chassis:
Model:

2009
GMC 4500, 100"
555A

Selected Feature List 11371

Option	Std Qty	Header/Description/Data
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AB Horton Emergency Vehicles Feature List

AGM	1	1	MEDIUM DUTY GMC/CHEVROLET CHASSIS
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AGM50009 0 1 CHASSIS, 2009 GMC 4500 CUTAWAY, 100" CA

The chassis required to complete the ambulance conversion shall be supplied by Horton. Air ride on the rear suspension will be included.

AGMDSP01 0 1 SPECIAL INSTRUCTION FOR CHEVY/GM 4500 CHASSIS

2/15/2009 HORTON STOCK 2009 GMC CHASSIS

MONROE AIR SUSPENSION

GOODYEAR TIRES

REAR MUD AND SNOW TREAD

AIN12010	0	1	CHASSIS PROGRAMMING
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10/10/2005 The chassis shall be programmed so that the Auto Door Lock feature is disabled. In addition, the chassis compass shall be set for direction.

1 1 AJNSPICO 1 CHASSIS INTERIOR COLOR SHALL BE GRAY

B CHASSIS MODIFICATIONS, HARDWARE AND ACCESSORIES

BH02F000	1	1	WHEEL HUB & LUG NUT COVERS, STAINLESS STEEL MEDIUM DUTY
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Polished stainless steel hub and lug nut covers shall be installed on all four outside wheels.

BH02H000	1	1	TIRE SIZE, 19.5", MEDIUM DUTY:
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This vehicle is specified to have 19.5" tires.

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Part Number	Quantity	Description	Notes	Revision
BH03A000	1	MUD FLAPS: front	Install rubber mud flaps behind each front tire.	1
BH03B000	1	MUD FLAPS: rear	Install individual rear mud flaps behind each set of rear wheels.	2/10/2003
BH060000	0	1 REAR DOCK BUMPERS	Two rubber dock bumpers shall be bolted to the rear step end caps for protection when backing.	2/10/2003
BH070000	0	1 REINFORCE REAR BUMPER END CAPS	Reinforce end caps of rear bumper for greater impact resistance.	2/10/2003
BH08C000	0	1 RUNNING BOARDS, DIAMOND PLATE FOR CHEVY/GMC 4500	Diamond plate running boards are to be installed on the chassis.	2/15/2009
BH10B000	0	1 REAR TOW HOOKS	Install (2) tow hooks rear of vehicle. Attach to bumper frame.	2/10/2003
BH110000	1	1 REAR STEP/STEP BUMPER ASSEMBLY	The center section of the rear step bumper shall be constructed of aluminum grip strut and be hinged to assist in patient handling.	2/15/2009
BH32OR00	1	1 AIR SUSPENSION SWITCH: dump override	A switch will be installed where specified, to override the automatic dump feature activated by the left rear patient compartment entry door.	
BHSPD006	1	1 MIRROR: OEM	The mirror set shall be OEM supplied, and installed by the chassis manufacturer.	7/12/2003

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Option Std Qty Header/Description/Data

BL250000 0 1 ENGINE HOUR METER
An engine hour meter will be installed in the driver's side of the cab radio console.
4/10/2003 !!! INSTALL IN THE UPPER ANGLED FACEPLATE OF CONSOLE.

BL26B000 1 1 BACKUP ALARM RESET
Backup alarm to automatically reset to on if alarm was canceled during previous use.

BL26H000 0 1 REVERSE CAMERA WITH MONITOR IN CAB
A rear vision system shall be installed with a camera above the rear doors and a monitor in cab. The system shall be safety vision #SV-CICD65 with a #SV-LCD68 monitor with built in speaker and day night sensor.
2/15/2009 MONITOR LOCATION: LOCATE IN THE OPENING IN THE CENTER OF THE HEADLINER WITH A BACKER PLATE

BL32A000 1 1 OEM AM/FM/CD PLAYER SHALL BE PROVIDED BY THE OEM MANUFACTURER
OEM AM/FM/CD player shall be provided by the OEM manufacturer on all Horton supplied chassis.

C CONVERSIONS

CA200000 0 1 PREVIOUS VEHICLE REFERENCE
This option is to be used for comparison purposes only. Specifications are specific to each order so use extreme caution when referencing a previous production order.
2/15/2009 PREVIOUS VEHICLE PRODUCTION #10826 TYPE I FORD

CA571000	0	1	CONVERSION MODEL: 555A Type III GM 4500 CUTAWAY:
MINIMUM BODY DIMENSIONS:			
		(Exterior)	Height: 89"
		Width: 96"	
		Length: 169"	
		(Interior)	Height: 72"
		Width: 20"	
		Length: 20"	(from edge of cot in wall position to squad bench riser)
		Length: 165"	
		OVERALL DIMENSIONS (Including Chassis, Module and Step):	
		Height: 114"	(to top of vent)
		Width: 100"	
		Length: 283.5"	
Note: This option includes exhaust rerouting.			

CA571001	1	1	555A STREETSIDE FORWARD:
Clear door opening:			
		Actual dimensions:	18" wide x 82" high
			22" wide x 85" high x 20"
This area shall be accessed through a single outside hinged door. The compartment shall house the vehicle's primary O2 cylinder. The compartment shall be vented to the outside.			
0	1	1	SHELF FOR LED LIGHTED VERTICAL COMPARTMENT
A diamond plate adjustable shelf shall be installed in the following location.			
Locate: LOCATE 36" FROM BOTTOM OF COMPARTMENT TO ALLOW FOR O2 BOTTLE TO BE RELOCATED ABOVE THE SHELF.			
!!USE 3/16" MATERIAL FOR THE SHELF TO SUPPORT WEIGHT OF THE BOTTLE!!			
0	1	1	DIVIDER FIXED, VERTICAL COMPARTMENT
Install a 16" deep fixed vertical divider shall be installed in the location listed below. (Divider material is to match the compartment material)			
Locate: FORWARD OF THE REAR COMPARTMENT WALL TO ALLOW FOR MOUNTING OF (M) STYLE O2 BOTTLE ON THE BACK WALL OF THE COMPARTMENT.			
0	1	1	OXYGEN BOTTLE, RE-LOCATION OF O2 TANK TRACK
The location of the O2 bottle shall be changed per the information listed below.			
2/15/2009 Locate: ON BACK WALL REAR CORNER ABOVE THE SHELF LOCATED 36" ABOVE THE FLOOR HEIGHT			

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Option Std Qty Header/Description/Data

CA571002 1 1 555A STREETSIDE INTERMEDIATE:
Clear Door Opening: 49" wide x 29.3" high
Actual Compartment: 51.5" wide x 32.5" high x 20"
This area shall be accessed through double, outside hinged doors.
Both doors shall have exterior door handles and latching devices.

0 1 SHELF FOR LED LIGHTED DOUBLE DOOR COMPARTMENT
A diamond plate adjustable shelf shall be installed in the area
listed below.
2/15/2009 Locate: CENTERED IN THE COMPARTMENT OPENING

CA571004 1 1 555A STREETSIDE REAR:
Clear Door Opening: 32" wide x 82" high
Actual Compartment: 37.4" wide x 85" high x 20"
This area shall be accessed through double, outside hinged doors.
Both doors shall have exterior door handles and latching devices.

0 1 COMPARTMENT HEIGHT Modify: first, street side
The height of the standard compartment for this model shall be
modified. This is the first street side compartment height
modification and shall include affected modifications to the
interior cabinet.
2/15/2009 Height Modification: LOWER TO APPROX 32.63" FOR INTERIOR CABINET DESIGN
AND TO MATCH THE HEIGHT OF THE STREETSIDE INTERMEDIATE COMPARTMENT (SEE
DRAWINGS)
Locate: STREETSIDE REAR

0 1 DIVIDER FIXED, VERTICAL COMPARTMENT
Install a 16" deep fixed vertical divider shall be installed in
the location listed below. (Divider material is to match the
compartment material)
2/15/2009 Locate: CENTERED VERTICALLY IN THE COMPARTMENT
!!! INSTALL SHELF TRACK ON THE BACK WALL OF THE COMPARTMENT AND INSTALL A
FULL WIDTH AND HEIGHT SCBA MOUNTING PLATE ON THE BACK WALL OF THE
COMPARTMENT !!!

CA571005 1 1 555A CURBSIDE REAR:
Clear Door Opening: 25" wide x 82" high
Actual Compartment: 30" wide x 85" high x 20"
This area shall be accessed through a single outside hinged door

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0	3	SHELF FOR LED LIGHTED VERTICAL COMPARTMENT	A diamond plate adjustable shelf shall be installed in the following location.	2/15/2009	Location: FORWARD OF THE FIXED DIVIDER. LOCATE THE FIRST SHELF 42" FROM BOTTOM OF THE COMPARTMENT FOR STAIR STORAGE. BLOCK OFF THE UPPER AREA ABOVE THE FIRST SHELF FOR INSIDE ACCESS ONLY.
0	1	DIVIDER FIXED, VERTICAL COMPARTMENT	Install a 16" deep fixed vertical divider shall be installed in the location listed below. (Divider material is to match the compartment material)	2/15/2009	Location:
0	1	555A CURB SIDE, FRONT	Clear Door Opening: 18" wide x 85.1" high Actual Dimension: 23.3" wide x 88.1" high x 30" deep	2/15/2009	This area shall be accessed through a single outside hinged door and from an opening located on the curb side forward wall. The area shall be primarily used for storage of customer furnished jump kits.

CB	BODY MODIFICATIONS/OPTIONS
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CB06SW00	1	1	DOUBLE STEP CURBSIDE ENTRY, 3"	The curbside skirt, forward of the rear wheel well shall be dropped 3 inches. Two integral ALD steps within the side patient door step well shall be available upon opening the side door for easier and lower access to the patient compartment.
CB06SW10	0	1	STREETSIDE OF BODY LOWERED 3" FROM STANDARD	The street side of the body forward of the rear wheel well shall be lowered 3" from standard.
CB09SA00	1	1	PATIENT AREA SOUND PROOFING/ACOUSTIC ENHANCEMENT PACKAGE	(Caution-This option may not leave sufficient exhaust pipe clearance for medium duty vehicles).
				2/15/2009
				Install standard sound control package.

Install standard sound control package.

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Option Std Qty Header/Description/Data

D MODULE BODY HARDWARE

DG060000 1 1 WINDOWS, MODULE BODY ENTRY DOORS
The rear module entry doors shall have solid windows. The side entry door shall have a sliding window.

DG06C000 0 1 PRIVACY GLASS:
All patient windows shall have dark privacy glass. The windows shall meet FMVSS glazing standards. No films are to be used.
2/10/2003

DH03B000 1 1 MIRROR STAINLESS STEEL SPLASH SHIELDS
Install #8 mirror stainless splash shields on the lower front face of the body just behind the cab access doors. These splash shields are to be the same height as the diamond plate front corner guards.
(NOT AVAILABLE ON FORD "E" SERIES CHASSIS IN CONJUNCTION WITH EXTENDED CORNER GUARDS)

DH040000 1 1 MODULE BODY FENDERS: stainless steel
Rear wheel housings shall have stainless steel flare skirts to protect the wheel house opening and side body finish.
DH04RS00 0 1 DIAMOND PLATE LOWER BODY RUB RAILS
Aluminum diamond plate lower body rub rails are to be along the bottom of the body on each side.
2/15/2009

DH330000 1 1 REAR DOOR HOLD OPENS, GRABBER
Install chrome Cast Products "Grabber" style rear door hold opens.
(NOTE: HOLD OPENS MUST BE RELOCATED IF TELESCOPIC LIGHTS ARE ORDERED)
DM100000 1 1 REFLECTORS:
All patient compartment entry doors shall have red reflectors in the lower corner.

DR22A000 0 1 MATEFLEX IN EXTERIOR COMPARTMENTS
Mateflex will be installed on the floor and shelves of all exterior compartments.
2/10/2003 Color: BURGUNDY

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Option Std Qty Header/Description/Data

DR23A000	1	1	RUBBER COVERED WALLS IN BACKBOARD COMPARTMENT
The interior of the backboard compartment is to be covered with rubber matting to protect equipment stored in this area.			
Color: GRAY			
DR23GL00	0	1	GRIP LOCK TRIM ON FACE OF EXTERIOR SHELVES AND DIVIDERS
Install grip lock trim on the vertical edges of the compartment shelves and the front face of any vertical divider.			
2/15/2009			

E PAINT AND STRIPING

ED02F000	0	1	PAINT CHASSIS, medium duty
The chassis cab shall be painted with the following special paint color and paint code:			
2/15/2009 Color: RED			
Number: FLNA 30019			
ED050000	0	1	MODULE PAINT: other color
Paint MODULE special color			
2/15/2009 Color: RED			
Number: FLNA 30019			
ED090000	0	1	STRIPE: custom
Special paint stripe			
See drawing			
2/15/2009 Stripe #: TBD			
Paint Color: TBD			
Paint Number: TBD			
PRICE REQUIRED			
\$2000.00 STRIPE ALLOWANCE			
ED20PS00	0	1	PAINT PANEL: sample
A painted test panel shall be prepared with the following paint color and number, to confirm correct paint selection. The panel will be mailed as designated.			
2/15/2009 Color: RED			
Number: FLNA 30019			

Selected Feature List 11371

INTERIOR CABINET DOORS, HANDLES & HARDWARE

FE010000	1	1	FULL HEIGHT PULL HANDLES ON SLIDING PLEXIGLAS DOORS	ALL sliding cabinet doors to have full length pull handles.
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FE01FT00 1 1 LATCH, HINGED DOOR: Southco flush stainless steel pull style
Install stainless flush mount Southco pull latches on the hinged
interior cabinet doors.

FE02B000 0 1 PLEXIGLAS COLOR: clear All Plexiglas cabinet doors to be clear.

FE060000	1	2 STAINLESS STEEL COUNTER TOPS (STANDARD)	Stainless steel pan formed counter tops shall be installed in the patient area.	2/15/2009
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FE08S100 1 1 INHALATION PANEL (STANDARD): The inhalation panel is to be fabricated from Coosa material and covered with Formica to match to color selected.

INTERIOR COLORS, UPHOLSTERY AND SEATING

GF01R000	0	1	INTERIOR COLOR SCHEME: Custom	Custom selection
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2/15/2009 FLOOR: LONCOIN #157 MOONSTONE
RISER: STAINLESS STEEL WITH SANGAREE BURGUNDY ACCENT STRIPE.
WALL: STUDIO GRAY GLOSSIE.
CABINET: STUDIO GRAY ALUMINUM
UPHOLSTERY: DOVE GRAY # T-100

GF02M000 1 1 INSIDE CABINET FINISH: paint

The interior of all aluminum cabinets shall have a durable paint finish. The painted surface shall be washable and non-absorbent.

GF02P000 1 1 RISERS:

The interior of this vehicle is to contain no wood or wood products. The risers are to be made of reinforced structural composite board covered with Formica per the color description.

GF030000 0 1 STAINLESS STEEL RISER, cabinet wall

Install stainless steel on cabinet wall riser. If a cabinet riser accent stripe is ordered the stainless steel will stop at the bottom edge of the stripe.

2/10/2003 CUT SHORT FOR INSTALLATION OF ACCENT STRIPE.

GF03A000 0 1 STAINLESS STEEL RISER, bench wall

Install stainless steel on squad bench.

2/10/2003

GK12C000 0 1 HIGH BACK CHILD SAFETY SEAT

Delete the standard attendant seat cushion. Install a high back bucket seat with built in child seat restraints. The seat to be adjustable front to rear.

2/10/2003

GK12C100 0 1 SWIVEL MOUNT BASE FOR EVS SEAT

A Child Safety back attendant seat, or the five-point harness back attendant seat, will be mounted on a #10000534 swivel seat base. This option will require the vehicle heat/ac system to be relocated into the bottom of the linen cabinet.

2/15/2009

INTERIOR CABINETRY, STREET SIDE

Selected Feature List 11371

HK160000	0	4	EXTRA SHELF: interior	2/15/2009	Install an additional adjustable shelf.
HK17C000	1	1	SHARPES/WASTE DISPOSAL:	2/15/2009	Locate: CABINET ABOVE ACTION AREA COUNTER/CABINET ABOVE THE REAR MONITOR AREA/(2) REAR OPEN CABINETS
					Install sharps and waste disposal in a metal container recessed into the inhalation counter top. Access to the waste receptacle shall be through a spring loaded door. The neck of the sharps container shall protrude through the top surface of the receptacle. Disposal of both containers shall be accessible by raising a hinged aluminum lid.
				2/10/2003	INSTALL A CUTOUT IN THE REAR STAINLESS STEEL COUNTER FOR CUSTOMER SUPPLIED CONTAINER TO FIT INTO.
HSP00001	0	1	SPECIAL INSTRUCTION, STREETSIDE CABINETRY	2/15/2009	!!!SEE THE ATTACHED DRAWINGS FOR 40" WIDE CPR SEAT AND OPEN REAR CABINET DESIGN!!!

INTERIOR CABINETS AND SQUAD BENCH, CURB SIDE

Item	Quantity	Description	Unit	Notes
1A200000	1	SQUAD BENCH STORAGE:		
	1	Storage shall be provided under the bench cushions. The area shall be approximately 6" deep and shall run where possible under the bench. The storage pan shall be fabricated from aluminum and shall be accessed by raising the split cushions.		
IG05F000	0	SQUAD BENCH: DELETE CUPS AND WELLS		
		A 22" wide x 72" long bench cushion shall be provided on the curb side of the patient area. The cushion shall be split. No provisions for stretcher cups and wells are provided.		2/15/2009
IG10A000	1	BENCH HOLD OPENS: gas		
		Install gas spring hold opens on squad bench lid.		
IG10Q000	1	BENCH HOLD-DOWN: paddle latches (Pair)		
		Install recessed paddle latches into the squad bench riser to retain the squad bench lids in the closed position. The latches shall be both passive and positive.		

Install gas spring hold opens on squad bench lid.

1 BENCH HOLD-DOWN: paddle latches (Pair)

Install recessed paddle latches into the squad bench riser to retain the squad bench lids in the closed position. The latches shall be both passive and positive.

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IG15A000 1 1 BENCH CUSHION EDGE TRIM:
Trim bench cushion edge with protective aluminum trim, to protect
horizontal edge of squad bench cushion from tears..

IK18AA00 1 1 CURBSIDE OVERHEAD CABINET: hinged doors
Storage shall be provided above the squad bench. The storage shall
run the full length of the squad bench and shall be accessed
through hinged Plexiglas doors that are held in the open position
with gas activated rods. The entire cabinet shall be fabricated
from aluminum. The cabinet is to be 9" H to meet current K
requirements.

IK18BD00 0 1 ADJUSTABLE VERTICAL DIVIDERS:
Install adjustable shelf tracks recessed into the upper and lower
cabinet walls. Fabricate Plexiglas dividers to fit vertically
into the cabinet and between the recessed tracks. The dividers
shall be adjustable within the track and held into position with
cushioned track shelf supports.
2/15/2009 Locate: BENCH CABINET
Qty: 8

IK280000 0 1 PASS THROUGH ACCESS TO THE CURBSIDE REAR COMPARTMENT
Inside/outside access to the curbside rear compartment shall be
provided as described.
2/15/2009 Size: SEE DRAWING
Door style: PLEXI

ISP00001 0 1 SPECIAL INSTRUCTION, CURBSIDE CABINENTRY
4/10/2003 INSTALL A DRI-ERASE MARKER BOARD ON THE WALL OVER THE HEAD OF THE BENCH
THAT IS APPROXIMATELY 15" X 15". INCLUDE MARKERS AND AN ERASER FOR THIS
BOARD.

INTERIOR CABINETS, FRONT

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Item	QTY	UNIT	DESCRIPTION	LOCATION	DATE
KG02B000	2		2 IV HANGER, CAST PRODUCTS WITH RUBBER ARM	Locate:HEAD OF COT IN CENTER POSITION AND HEAD OF BENCH (SEE OVERHEAD)	2/15/2009
			Cast products recessed IV hangers with rubber arms for attaching solution bags shall be installed in the designated locations.		
KG09F000	0		1 GRAB RAIL: 8ft with anti-microbial coating	Install 8 foot main grab rail with anti-microbial coating.	2/15/2009
			Locate:INSTALL ON THE CURBSIDE EDGE OF THE CENTER CEILING PLATE		
KG09K000	1		1 PATIENT DOOR GRAB RAILS: angled with anti-microbial coating	All patient access doors to have heavy duty angled stainless steel grab rails with smooth radius corners and flange mounting and anti-microbial coating.	
KG110000	1		1 FLOOR TRIM	Trim floor with cove molding at non rolled areas of floor.	
KG120000	1		1 CABINET TRIM	Trim all vertical and horizontal edges.	
KG16B000	1		1 CEILING MATERIAL, PLATINUM WHITE ALUMINUM COMPOSITE	The standard module ceiling material shall be platinum white aluminum composite.	

COT MOUNTS AND ACCESSORIES

LG03B500 0 1 COT SAFETY HOOK

A yellow cot safety hook shall be installed on the floor near the rear doors. The provided hook shall match the manufacturer of the cot mount.

2/15/2009

LG03F000 0 1 COT MOUNT: Stryker
Install Stryker cot mount.

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Cot Model:STRYKER MX PRO R-3
Locate: CENTER ONLY
;;DO NOT INSTALL COT MOUNT UNTIL CUSTOMER APPROVES LOCATION!!

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Part Number	Quantity	Description	Model	Notes
AM148F0	1	1 FRONT LIGHTBARS FOR 96" BODIES		
mam15y00	0	1 LIGHT BAR: custom front	2/15/2009	Model:WHELEN FREEDOM LED Install special front light bar.
mam20a00	0	1 LIGHT BAR MOUNT: cab roof	2/15/2009	Model: WHELEN FREEDOM LED Mount light bar on cab roof.
IAM148R0	1	1 REAR LIGHTBARS FOR 96" BODIES		
mam158c	0	1 LIGHTBAR REAR, 4500 CUSTOM 86"	2/15/2009	Whelen 4500, 86" custom rear lightbar. Designate all light components and lens colors for each of the (10) sections. !!!ALL LED WITH EXCEPTION TO LOAD LIGHTS WHICH ARE HALOGEN!!! R/W/LL/R/A/A/R/LL/W/R
mbm20c00	0	1 LIGHT BAR MOUNT: rear face of body		Mount selected light bar to rear face of module body. Vertical surface mount bars, are mounted flush to face. Traditional light bars mount to Cast product brackets on the face of the module body. Model:WHELEN 4500 LED

LIGHTBARS FRONT AND REAR

LG040000 0 1 SUPPLY COT:
Supply and install new cot.
Cot Model: STRYKER MX PRO R3
Mattress Color: BLACK
Cushion Style: BOLTSE
\$4500.00 ALLOWANCE

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Horton
EMERGENCY VEHICLES

CHIEF MIKE FABISH



Year:

6009

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MM26UC00	1	1	HOUSING, 700 SERIES GRILLE LIGHTS, CHEVY/GMC 4500
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700 Series grille light housings shall be installed in the front chassis grille area.

MM26U130 0 1 GRILLE LIGHTS, WHELEN SUPER L.E.D. 700 SERIES RED

grille lights will be wheelen super T.E.D. style.

MN **AUDIBLE EMERGENCY WARNING SYSTEMS**

0 1 AIR HORNS: GROVER DUAL #1510 TRUMPETS MN09D000

Dual 24" Grover air horn trumpets #1510 shall be installed as designated. The system shall include a heavy duty Buell #16122 compressor and air storage tank.

Trumpet locate: INSTALL (1) TRUMPET ON EACH SIDE OF THE CAB HOOD
Activation Type: INSTALL A CHROME PUSH BUTTON SWITCH ON EACH SIDE OF
CONSOLE.

!!! INSTALL (2) BUELL 1602-2 COMPRESSORS IN THE #2 COMPARTMENT. PLUMB INTO STORAGE TANKS UNDER VEHICLE. RUN .375" AIR LINE FROM TANKS BACK INTO COMPARTMENT AND INSTALL AN ADJUSTABLE REGULATOR AND GAUGE IN CAGE NEAR COMPRESSORS. SET REGULATOR AT 85 PSI. INSTALL A SWITCH INSIDE THE COMPRESSOR CAGE TO TURN OFF POWER TO THE COMPRESSORS

!!!!NOTE: THE CUSTOMER REQUESTS THIS SYSTEM AS IT IS WITH NO CHANGES!!!

0 1 SIREN: custom MN35Z000

Specified as to be:

2/15/2009 Make: WHELEN

Model: 295HFSC9 WITH DUAL AMPLIFIER OPTION.

1 1 MN40A000 SIREN INSTALL:

The following stores shall be supplied and mounted as defined.

2/15/2009 Siren Model:WHELEN 295HFS09

MN45CG00 1 1 SIREN SPEAKERS, CAST PRODUCTS SA4308

SA4308 siren speakers shall be installed in the front bumper, 1-
driver and 1-passenger side.

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MN50A000 1 1 SPEAKER INSTALL: bumper
Speaker Selections (Bumper Installed)

0 LIGHTS

OL09L000 0 1 KKK SIDE BODY MARKER LIGHTS, L.E.D. (PAIR)
Install red wheelen L.E.D. 700 series turn/marker lights on each rear side of the module body. Lights provide module body night time side lighting visibility and turning signal indication.

OL34L000 1 1 LED EXTERIOR COMPARTMENT LIGHTING
All exterior compartments will be lighted with LED strip lighting. A vertical strip will be installed inside both sides of each compartment. The lights shall be directed toward the back of the compartment.
Note: This does not include wheelwell compartments.

OL350000 1 1 ICC MARKER LIGHTS
LED ICC marker lights shall be installed.

OL41B000 0 1 RUNNING BOARD LIGHTS, WHELEN PAR 16 L.E.D.
Clear wheelen Par 16 round L.E.D. lights mounted in chrome flanges shall be installed in the front of the module body. Locate in the stainless steel stone guard above the running boards. The lights shall be wired to the chassis door switch and illuminate the step/running board.

OM25A000 2 4 SIDE SCENE LIGHTS, 900 SERIES
Install wheelen 900 series 13 degree angled side scene lights. Locate: NEXT TO THE RED FLASHING LIGHTS

OM30L700 0 1 TAIL LIGHTS, 600 SERIES L.E.D.
(1) set of wheelen 600 series L.E.D. lights shall be installed on the rear of the vehicle as designated. They shall include L.E.D. stop/tail and turn signals. The backup lights shall be halogen. Locate: INSTALL IN A VERTICAL STACK ON THE REAR OF THE BODY PER DRAWING

ELECTRICAL POWER GROUP

Option	Std Oty	Header/Description/Data
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HORTON
EMERGENCY VEHICLES

Selected Feature List 11371

Year:	2009
Chassis:	GMC 4500, 100"
Model:	555A

Option	Std Qty	Header/Description/Data
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Part Number	Quantity	Description	Location	Notes
PAL04D00	1	1 CHARGER/POWER SUPPLY: 45 AMP		
		Install a 45 amp battery conditioner in the designated electrical equipment area. Conditioner to be wired to the batteries through the standard shoreline inlet.		
PAL30A00	2	3 110V INTERIOR OUTLET		
		Two 110V interior outlets are provided as standard on all models. The standard locations are in the inhalation area and the wall over the squad bench. Additional outlets are to be specified as to their location.		
		INSTALL ADDITIONAL OUTLET IN THE OPEN AREA TO THE REAR OF THE CPR SEAT.		
PAL31C00	3	2 INTERIOR 12VDC OUTLETS: cigarette lighter type		
		12 volt outlets to use cigarette lighter style connectors.		
		Location: FRONT WALT CABINET AND INHALATION AREA		
		Configure: WIRE HOT AT ALL TIMES.		
PAL38E00	0	1 SHORELINE, KUSSMAUL SUPER AUTO EJECT, 20 AMP NON ARCING		
		Install a 20 amp Kussmaul non-arcing auto ejection shoreline receptacle.		
		Location: Streetside of module body		
PAL38ILO	0	1 SHORELINE INDICATOR:		
		Install an indicator pilot light to show power to A.C. circuits and presence of activated shoreline.		
		Location: ABOVE THE SHORELINE INLET		
		Configure: LED		
PAL40000	1	1 EXTRA 12VDC CIRCUIT BREAKER:		
		An extra circuit breaker shall be installed.		
PL10A000	1	1 SWITCH PANEL MOUNT:		
		Switch panel to be flush mounted in upper face of console.		
PL11A000	0	1 LIGHT PROGRAMMING: side rear scene		
		The side rear scene lights shall be wired to transmission reverse, plus standard mode of operation.		

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PL11B000 0 1 LIGHT PROGRAMMING: right side scene

The right side scene lights shall come "on" when the side patient door is opened.

2/15/2009

PL11C000 0 1 LIGHT PROGRAMMING: load light

The rear load lights shall be wired to transmission reverse, plus the standard mode of operation.

2/10/2003

PL11E000	0	1	LIGHT PROGRAMMING: modular disconnect timer
The module disconnect shall be wired to automatically shut-down when inadvertently left in the on position, with the engine turned OFF and the battery switch in the ON position.			
2/10/2003 Time out: 5 min.			
Configure: Do not time out if shoreline is plugged in			
PL11F000	1	1	PROGRAMMING: AUDIBLE LOW VOLTAGE ALARM
Program an audible alarm to activate if the voltage drops below 11.8 volts for 120 seconds.			
PL11G000	1	1	LIGHT PROGRAMMING: park brake
A warning shall display on the front console readout, advising to set the Parking Brake, should the modular disconnect switch be "ON" and the transmission placed in "PARK" or "NEUTRAL". It will also advise to Disengage the Parking Brake should the vehicle be placed into gear.			
Configure: Wire alarm to activate with red Flasher circuit			

PL190000	1	1	REPORT LIGHT:	A report light shall be located at the action wall to light the counter area
PL20E000	0	1	CLOCK, INTELLITEC LED	Install an INTELLITEC Time Manager clock.

2/15/2009 Locate: ABOVE THE REAR DOORS

PL220000 1 1 STEP WELL LIGHT: Install one step well light for the right side patient door. Light to come on when door is opened.

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Model: 555A



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Option Std Qty Header/Description/Data

PL24T000 0 1 LAMP TIMER: programmable
Install an electronic momentary touch timer switch where specified. The switch will enable time limited operation of the below listed lights, with the battery switch in the off position.
2/10/2003 Location: WALL OVER HEAD OF BENCH
Light(s) controlled: FLUORESCENTS.
SET ELAPSED TIME FOR 15 MINUTES

PL24W000 0 3 FLUORESCENT LIGHTS:
Install 39 inch, 12 volt fluorescent ceiling light fixtures. Wire to charger/conditioner in addition to standard mode of operation.
2/10/2003 Location: FRONT, CENTER, AND REAR OF THE PATIENT AREA CEILING.

PL27CA00 0 7 PATIENT CEILING DOME LIGHTS: WHELEN LED
Install when 8000ECCR LED dome lights in the patient area ceiling per the locations listed below. #10008603 #10008604
2/15/2009 (A minimum of seven lights are required for lighting compliance) Location: (3) OVER COY, (3) OVER BENCH and (1) above the walkthrough. (Recommended)

PL27FS00 0 1 LIGHT PROGRAMMING: cab light control
The following lights shall be controlled as followed in addition to the standard modes of operation:
A switch on the front control panel can be toggled to turn off the defined lights, should they be on.
The switch can also be toggled to turn on the defined lights, should they be off.
The defined lights shall reset to normal operational programming should a patient access door be opened, or if the master battery switch is switched off, than on again.
2/15/2009 Lights: patient dome lights
Lights: fluorescent lamps

PL280000 1 1 GOOSE NECK PANEL LIGHT
Install a flexible goose neck panel light in the following area.
2/10/2003 Location: PASSENGER'S SIDE OF THE RADIO CONSOLE.
!!! THIS IS TO BE A FEDERAL #LF12TR

PL29A000 0 1 SPOT LIGHT: hand held
Install an Optonics 400,000 CP hand held spotlight with momentary switch in the location noted below.
2/10/2003 Location: ON BULKHEAD BEHIND PASSENGER'S SEAT.

Selected Feature List 11371

Option	Std Qty	Header/Description/Data
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PL29C000	0	2	HAND LIGHTS: SL-45 Horton install
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HORTON to supply and install SL-45 box light(s).

2/10/2003 Location: (1) ON REAR WALL OVER FOOT OF BENCH AND (1) ON BULKHEAD BEHIND DRIVER, SEAT NEXT TO AISLE AT SHOULDER HEIGHT.

PM110000	0	1	LIGHT PROGRAMMING: brake light
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Lower red flashing lights to operate as brake lights when not in the warning mode.

2/15/2009 Configure:

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Configure:
flashers to override brake light feature
Note: feature to activate regardless of module disconnect
status
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PSP00001	0	1	SPECIAL INSTRUCTION, ELECTRICAL POWER, PROGRAMMING
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2/10/2003 PROGRAM VEHICLE "PRIMARY/SECONDARY" FEATURE FOR MANUAL ACTIVATION ONLY. CUSTOMER WISHES VEHICLE TO REMAIN IN PRIMARY MODE IN PARK.

HEATING, AIR CONDITIONING AND INTERIOR ENVIRONMENT

00016ZHD

1 CABINET MOUNTED HEAT/AC UNIT FOR SWIVEL ATTENDANT SEAT

The vehicle heat/ac unit will be installed in the bottom of the linen cabinet instead of the attendant seat base. Requires vertical mounting of a custom combo unit.

2/15/2009

Q429M100 0 1 HEAT/AC SYSTEM FOR CHEVY/GMC 4500 CHASSIS

Install a ProAir 12V heat/AC system below the attendant seat. Unit is to include a replaceable carbon filter at the air intake point. A dual compressor system shall be installed with an auxiliary top mount AC condenser.

2/15/2009 Note: Compressor to be ordered with the chassis.

Paint condenser to match body color X
Do not paint condenser to match body color
Note: Painting of condenser is an additional cost.

0 1 PERKO POWER VENT QL43C000

Install a Perko power vent. Use existing ceiling plate and vent to outside of modular body.

2/15/2009

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Option Std Qty Header/Description/Data

Q143D000 0 1 PERKO STATIC VENT
Install a Perko static vent. Use existing ceiling plate and vent to outside of modular body.
2/15/2009

R CAB CONSOLE AND COMMUNICATIONS

RJ01A000 1 1 ANTENNA COAX 1:
An RG 58U coax shall be installed so that the ambulance conversion need not be disassembled.
2/10/2003 Exterior Termination: FRONT RADIO CONSOLE.
Interior Termination: K94 ANTENNA MOUNT IN THIS LOCATION.
!!! INSTALL K94 ANTENNA MOUNT IN THIS LOCATION.

RJ01B000 0 1 ANTENNA COAX 2:
Install additional antenna coax and accesses.
2/10/2003 Exterior Termination: CENTER OF MODULE ROOF
Interior Termination: BEHIND INHALATION PANEL.
!!! INSTALL TEFLON CABLE AND NMO MOUNT IN THIS LOCATION.

RJ01C000 0 1 ANTENNA COAX 3:
Install additional antenna coax and accesses.
2/10/2003 Exterior Termination: REAR CENTER OF MODULE ROOF
Interior Termination: BEHIND INHALATION PANEL.
!!! INSTALL K94 ANTENNA MOUNT IN THIS LOCATION.

RJ03MN00 0 3 ANTENNA: NMO type mount.
Supply and install NMO type antenna base as designated. This option is less the antenna coax. An antenna coax option must be selected to be installed.
2/10/2003 Coax Number: J01A-J01B-J01C
!!! INSTALL (2) K-94 MOUNTS AND (1) NMO MOUNT.

RJ040000 1 1 RADIO CABLE PULL WIRE
A standard pull wire for radio installation shall be installed from behind the driver's seat to behind the inhalation panel.

RJ05B000 1 1 FRONT CONSOLE:
A console shall be fabricated to coordinate with the interior cab color. Room shall be provided on the face of the console for installation of radio and siren controls.
4/10/2003 CONSOLE TO MATCH PROD #9904. REFER TO ATTACHED DRAWING.

TN002000	1	1	OXYGEN BOTTLE MOUNT, VERTICAL TRACK FOR QRM-V
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1 ASPIRATOR:SSCOR

0

TN11B000

Install an SSCOR aspirator. The system shall include a #107CDC20 pump, #22000 wall mounted regulator, and a #23002 canister holder.

U LETTERING

Option	Std Qty	Header/Description/Data
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UP010000 0 1 LETTERING:
Lettering to be included.

2/10/2003 color: GOLD SCOTCHLITE WITH BLACK OUTLINE/SHADE
style: HELVETICA
!!! REFER TO PHOTOS ON FILE.

UP01CD00 0 1 LETTERING REQUIRED ON CAB DOORS

Lettering shall be installed on the cab doors. This lettering shall meet the requirements listed below.

2/10/2003 IN 3" LETTERS ON EACH CAB DOOR, INSTALL:

!!! ATTENTION BRIAN, VERIFY UNIT ID NUMBER.

UP01CS00 0 1 LETTERING REQUIRED ON CURBSIDE OF BODY

Lettering shall be installed on the curbside of the body. This lettering shall meet the requirements listed below.

2/10/2003 INSTALT 6" LETTERS ON CURBSIDE OF BODY TO READ:

"NORTH"
"ROYALTON"
"FIRE DEPT."

UP01F000 0 1 LETTERING REQUIRED ON FRONT OF VEHICLE

Lettering shall be installed on the front of the vehicle. This lettering shall meet the requirements listed below.

2/10/2003 INSTALL 4 "MIRROR IMAGE LETTERS ON HOOD TO READ:

"RESCUE"

ON FRONT FACE OF BODY, INSTALL:

"NORTH ROYALTON" (4" letters)

"FIRE RESCUE" (6" letters)

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Option Sid Qty Header/Description/Data

UP01R000 0 1 LETTERING REQUIRED ON REAR OF VEHICLE
Lettering shall be installed on the rear of the vehicle. This
lettering shall meet the requirements listed below.
2/10/2003 INSTALL 4" LETTERS ON REAR OF VEHICLE TO READ:
"NORTH ROYALTON"
"PARAMEDIC" (below windows)
"RESCUE SQUAD" (bottom of doors)
UP01SS00 0 1 LETTERING REQUIRED ON STREET SIDE OF BODY
Lettering shall be installed on the street side of the body. This
lettering shall meet the requirements listed below.
2/10/2003 INSTALL 6" LETTERS ON STREETSIDE OF BODY TO READ:
"NORTH ROYALTON"
"FIRE DEPT."

UP03A000 0 48 3" SHADED SCOTCHLITE LETTERING

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2/10/2003

UP03B000 0 52 4" SHADED SCOTCHLITE LETTERING

*

2/10/2003

UP03C000 0 54 6" SHADED SCOTCHLITE LETTERING

*

2/10/2003

UP180000 1 1 DOOR REFLECTORS

Install 2" x 12" strips of red Scotchlite at the top of each entry
door placed horizontally.

Z04 0 1 Fuel, Tags, Etc.

Allowance for fuel, tags and administrative.

Horton Emergency Vehicles
Mike Olney

Sunday, February 15, 2009
11:15:28 PM

Print Features
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Option	Sid Oty	Header/Description/Data

Authorized Department Signature(s)
