

Shop Order

Hackney Emergency Vehicles

Quote For:
 UNIVERSITY OF MEDICINE & DENTISTRY
 CENTER FOR BIO-DEFENSE
 LIBERTY PLAZA
 NEW BRUNSWICK, NJ 08903

Ship To:

Dealer:
 Dan Polinsky

Terms:

Drawing #: D04C-290/291
Delivery Date: 01/14/05
Customer PO #: 05F09014
Customer #: 000541
QPF #: 000541A

Penalty:

Exp. Date: 03/25/2004
Quote No: E1387-2002

BODY: CR0882RC 8-COMP'T REAR COMMAND W/REC ROOF

01/14/2005

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PART NO	S	DESCRIPTION	QTY	ID
		== 8-COMP'T REAR COMMAND W/REC ROOF - ==	1	HS
		CAB AND CHASSIS	1	HS
10-02-0300	S < >	FREIGHTLINER M2 2-DOOR - MBE900	1	HS
		Chassis Supplier: West Virginia Truck		
		Est. Arrival Date: 11-15-04		
		Engine Make & Model: MBE900, 300hp		
		-- Horton DriveMaster fan drive		
		-- Side Hood air intake with firewall Donaldson air cleaner		
		-- 870 sq.in. radiator		
		-- Air Intake Warmer		
		-- 1000W block heater		
		-- Single horizontal exhaust		
		-- Electronic cruise control		
		-- Alliance fuel/water separator with heated bowl		
		-- PacBrake Auxiliary engine exhaust brake		
		-- Engine compartment air restriction indicator with graduations and dash mounted warning light		
		-- Diagnostics interface connector - SAE J1587/1708/1939		
		-- Engine ECM access connector		
		Allison 3000EVS automatic transmission with 5-year warranty		
		-- 6-speed with Grp 71, Pkg 119 Rescue PTO outputs (2)		
		-- Push-button shift controls		
		-- 5 year/150,000 mile warranty		
		Axles:		
		-- 14,600# front		
		-- 14,000# taperleaf suspension		
		-- 23,000# rear - Meritor RS23-160 R-SRS		
		-- 23,000# flat spring suspension with helper and radius rod spring suspension		
		-- Fore/Aft control rods		
		-- 6.14 axle ratio		
		Brakes:		
		-- WABCO 4S/4M 4-channel ABS		

PART NO	S	DESCRIPTION	QTY	ID
		-- S-cam 16" x 5" Rockwell front		
		-- S-cam 16" x 7" Rockwell rear		
		-- 15.9 cfm BW air compressor		
		-- Bendix AD-9 dryer with heater		
		-- Bendix DV-2 automatic drains		
		-- Automatic slack adjusters, front and rear		
		Wheels & Tires		
		-- 8.25 x 22.5 steel disc - 10-stud		
		--11R-22.5-G Goodyear G286 highway - front		
		--11R-22.5-G Goodyear G286 highway - rear		
		Steering: TRW THP-60 power with adjustable tilt/telescope and 18" 2-spoke wheel		
		50 gallon rectangular step fuel tank - right side		
		Air Conditioner and heater with auxiliary rear system		
		Seats:		
		-- Driver: Seats, Inc 911 air suspension, high back		
		-- Passenger: two-man bench		
		106" BBC aluminum crew cab		
		Rubber Cab Mounts		
		Deluxe interior trim level - Opel gray		
		Insulated headliner		
		Rubber floor mat - black		
		Tilting hood, fenders and grille		
		Tinted glass		
		Mirrors: 16" x 7" stainless steel with 8" convex and right side down look		
		Painted front bumper - 3-piece 14" with collapsible ends		
		Tow Hooks under front bumper - painted		
		Cab Grab handles next to doors with rubber grip inserts		
		All door keyed alike		
		Audible & light alarm sytem for oil and temperature		
		Engine oil pressure gauge		
		Engine water temperature gauge		
		Transmission temperature gauge		
		Air pressure gauges		
		353-026 Interface Wiring Connector BOC		
		294-046 turn signal coding		
		Electronic speedometer with tripmeter		
		Electronic Tachometer		
		Digital voltage display		
		Electronic hourmeter		
		Air cleaner restriction gauge		
		270 amp Leece-Neville 4949PA alternator		
		Batteries: maintenance-free (3) 2280 CCA under left side of cab		
		Key starter switch		
		Automatic reset circuit breakers		
		Halogen headlights with daytime running		
		Two-post terminal type power source		
		Cigarette light receptacle		
		2-speed electric wipers with intermittent feature		
		Dome light/Red map lights, forward LH/RH and rear LH/RH		
		Dome light door courtesy switch, auto activated		
		AM/FM radio with Weather band and digital clock - (2) speakers		
		Jump start stud		
		Electric horns - dual		
		CHASSIS RELATED OPTIONS	1	HS
10-19-0100	< >	FLUID LEVEL DATA - ELECTRONIC DISPLAY Downloaded into Vista display screen.	1	HS
10-19-1000	< >	"MUST BE SEATED AND BELTED" WARNING PLATE On cab dash visible to driver and crew	1	HS

PART NO	S	DESCRIPTION	QTY	ID
10-19-11XX	X	NO SMOKING - OXYGEN IN USE decal	3	
10-99-1600	<	EXHAUST, VERTICAL STACK - OEM INSTALLED Installed by Chassis manufacturer	1	HS
11-16-0000	<	BATTERY CONDITIONER - IOTA 45 AMP DLS45 Conditioner with IQ-3 Smart-Charge module -- 45 amp - Single battery system - will charge up to (3) batteries and hand-lights simultaneously -- Does not include shorepower --Input - 120v Weight: 5.75 lbs. CONDITIONER LOC: behind drivers seat	1	HS
11-17-0100	< >	SHOREPOWER INLET, 30 AMP W/COVER & FEMALE PL -- Metallic label "SHOREPOWER" on top of inlet INLET LOC: left cab step	1	HS
11-31-5000	<	ENGINE COMP'T LIGHT W/SWITCH - 5" (EA) -- NFPA 1901 Requirement LOC: Left and right side of engine	2	HS
11-33-0000	< >	STEP LIGHTS, FRONT CAB DOORS (PR) -- Recessed into side panel of left and right cab steps -- Automatically activated when left and right front cab doors are opened	1	HS
11-40-1000	<	AIR HORN, STUTTERTONE GROVER 1501 (PR) -- Air protection valve incorporated into air horn plumbing that will not allow the chassis air brake pressure to drop below 90 psi	1	HS
11-41-0500		AIR TANK, AUXILIARY - 1460 cu.in.	1	HS
11-41-1000	S <	AIR HORN SWITCH (EA) HD CLAM-SHELL TYPE -- LINEMASTER #491S Clam-Shell type -- Metallic tag "AIR HORNS" on each switch SWITCH LOC: left and right cab floor	2	HS
11-42-1000	>	AIR HORN MOUNTING - IN FRONT BUMPER	1	HS
12-00-1000		MUD FLAPS, FRT (PR) BLACK RUBBER	1	HS
12-10-1000	>	CAB STEP & BATTERY COMP'T - 2-DR	1	HS
12-11-1000	>	FUEL TANK COVER/STEP - 2-DR	1	HS
12-11-9000	<	DIESEL FUEL ONLY LABEL -- Engraved letters - metallic label next to fuel fill	1	HS
12-50-0000	< >	WHEEL COVERS - 22.5 - MIRROR S/S - PHOENIX -- hub-piloted wheels -- Does not include stainless steel braided valve extensions -- Hole in center of front wheel cover if axle furnished with oil seal	1	HS
12-70-0100	<	TIRE CHAINS - ON-SPOT - AIR -- Spring-loaded cover over activation switch SWITCH LOC: cab dash	1	HS
15-30-1000	< >	EXTENDED FRONT BUMPER W/ D/P PLATFORM -- Relocate OEM tow hooks to end of extension LENGTH OF EXTENSION: 16"	1	HS
15-30-8000	<	SIGHT RODS, LIGHTED -- Amber light on tips controlled by headlight switch	1	HS
16-10-0000	>	TOW HOOKS, REAR (PR) UNDER REAR STEP BUMPER	1	HS
17-10-0000	<	TRAILER HITCH RECEIVER - CLASS III/V	1	HS

PART NO	S	DESCRIPTION	QTY	ID
		-- 10,000# frame reinforcement		
		-- with 7-pin male electrical connector and female pigtail		
17-10-0500	<	HITCH & 2-5/16" BALL - CLASS V #806001	1	HS
		-- Class III with 13" of vertical adjustment		
		-- Chromed ball		
17-50-0000	<	TRAILER BRAKE CONTROL SYSTEM Tenkonsha - mounted below dash to right of steering column. Wiring to terminal in 7-way connector next to trailer hitch location.	1	HS
		BODY and FRAME OPTIONS	1	HS
20-00-1000	< >	DROP/PINCH FRAME MODIFICATION - PROPOSAL	1	HS
		-- OEM Rail location pinched inward to provide 40" comp't depths full height on all compartment forward of rear axle		
		-- Upper Pinch Rails - 9"H x 2-1/2" wide x 1/4" thick frame steel		
		-- Lower Drop Rails - 5"H x 3"W x 1/4" thick tubular steel		
		-- All DOT and ABS wiring routed in protective loom on the inside left rail		
20-03-0000	S <	BODY CONSTRUCTION - REAR COMMAND/WORK CENTER	1	HS
		-- 100% aluminum construction - 10 year structural warranty		
		-- All compartments rated at a minimum of 2300 lbs load capacity each		
		-- 1/8" smooth aluminum reinforced floors for all tall compartments. 3/16" smooth reinforced floor for wheelhouse compartment.		
		-- All compartments with roll-up doors, painted to match body & cab with integral door tracks - compartment interior width equal to door pass-thru		
		-- Bright aluminum tread plate roof welded around perimeter		
		-- .125 smooth aluminum front and rear covers - welded		
		-- Radius corner and roof rail extrusions - no blunt or formed edges		
20-12-2000	S < >	BODY - CR0882R - 8-COMP'T REAR COMMAND W/REC ROOF	1	HS
		#1,CS/RS - 52W x 82H x 40D		
		#2,CS/RS - 52W x 82H x 40D		
		#3,CS/RS - 52W x 82H x 40D		
		#4,CS/RS - 52W x 57H x 90D		
		Black Rubber Fenderettes		
		BODY OPTIONS	1	HS
20-69-0000	S <	OVERALL HEIGHT PLATE - NFPA	1	HS
		Approx. 6"W x 3"H - Red plate with white letters prominently displayed on center of cab dash		
		-- WARNING - 11' 0" CLEARANCE (or actual height at time of delivery)		
		INTERIOR PERSONNEL COMP'T OPTIONS	1	HS
21-10-1000	< >	CABINETS & DESK - REAR COMMAND	1	HS
		-- (2) adjustable shelves in each cabinet		
		-- Gray Zolatone exterior coating		
		-- Securing mechanism on drawers to prevent opening during transit		
21-10-2000	< >	COMMAND CTR SIDE DESK LOC: left side wall	1	HS
21-10-3000	< >	COMMAND CTR FILE CABI 2-DRAWER LOC: left rear corner	1	HS
21-20-7000	S < >	CHAIR, SWIVEL DESK TYPE	2	HS
		-- Staples #451636-53/Global #8964		

PART NO	S	DESCRIPTION	QTY	ID
		Securing Instructions: Each chair shall be secured to desktop with bungee straps.		
21-21-9000	< >	"MUST BE SEATED AND BELTED" WARNING PLATE LOC: crew compartment entrance door near door latch.	1	HS
21-30-2000		FLOOR, COMMAND CENTER BRIGHT TREAD PLATE	1	HS
		EXTERIOR BODY OPTIONS	1	HS
22-01-1010	S < >	DOOR, SIDE PERSONNEL ENTRANCE W/WINDOW -- Hansen 18" grab rail on inner door panel at an angle LOC:	1	HS
22-05-0110	S <	WINDOW - COMMAND CTR 24"H X 36"W - FIXED (EA). LOC: rear center wall of command center	1	HS
22-05-0120	S <	WINDOW - COMMAND CTR 24"H X 36"W - SLIDING (EA). LOC: left side of command center	1	HS
22-20-1000		MUD FLAPS, REAR (PR) BLACK RUBBER	1	HS
22-21-0000		STONE GUARDS, FRT & REAR - D/P CORNERS (4)	1	HS
22-25-2000		BUMPER, REAR STEP BRIGHT TREAD PLATE	1	HS
22-25-9000	<	SIGN - "DANGER - DO NOT RIDE ON REAR STEP" -- Metallic engraved -- Affix over rear step bumper "DANGER - DO NOT RIDE OR STAND ON REAR BUMPER/STEP WHILE VEHICLE IS IN MOTION. DEATH OR SERIOUS INJURY MAY RESULT"	1	HS
22-31-3000	< >	STEP, RECESSED - EA CPI POLISHED ALUMINUM LOCS: fore & aft of left & right rear wheel openings	2	HS
22-33-1000		STEP, REAR WHEEL ALUMINUM STEP (PR)	1	HS
22-40-0000		WHEEL CHOCKS - ZICO COLLAPSIBLE TYPE (EA)	2	HS
22-40-0100	<	HOLDER FOR WHEEL BLOCK - ZICO SQCH-44 (EA) LOC: (1) each fore and aft of left rear wheels	2	HS
22-50-3000	S < >	LICENSE FRAME W/LIGHT-SURFACE MNT-CPI C30004 LOC: right rear behind ladder	1	HS
		INTERIOR COMP'T OPTIONS	1	HS
23-10-1000	<	UNISTRUT SHELF/TRAY TRACK - Set of (4) LOCS: -- #3,RS - between forward wall and partition starting 10" off floor -- #3,RS - between partition and right side wall starting 20" off floor -- #3,CS - between partition and left side wall approx. 40" off floor -- #4,CS - starting 10" off floor extending to just below upper 56"D fixed shelf	4	HS
23-11-2000	<	SHELF (EA) up to 38W X 36D -- heavy-duty .160 aluminum w/ 1-1/2" open-end flange on four sides SIZE & LOC: -- #3,RS - 23"W x 42"D - adj between forward wall and partition (4) -- #3,RS - 23"W x 42"D - adj between partition and right side wall above hand cart height (2) -- #3,CS - 19"W x 42"D between partition and left side wall - see drawing for placement - (2)	8	HS
23-11-2050	<	SHELF (EA) up to 72"W x 44"D -- heavy-duty .160 aluminum w/ 1-1/2" open-end flange on four sides SIZE & LOC: -- #4,CS - 52"W x 56"D - fixed (see drawing for placement)	1	HS

PART NO	S	DESCRIPTION	QTY	ID
23-11-3000	<	SHELF (EA) up to 52" X 88"D -- heavy-duty .160 aluminum w/ 1-1/2" open-end flange on four sides SIZE & LOC: -- #1,CS/RS - 50"W x 88"D - adj -- #2,CS/RS - 50"W x 88"D - adj -- #4,RS - 52"W x 61"D - fixed 32" off floor	4	HS
24-30-1000	S <	PARTITION, VERTICAL HD 2" FRAMED PANEL TYPE LOC: -- #3,RS - 78"H x 36"D - 25" off forward wall -- #3,CS - 78"H x 30"D - 22" off left side wall	2	HS
24-31-2000	< >	DIVIDER, ALUMINUM 3/16" - UP TO 52" X 48" Dividers and partitions for equipment storage layout - see drawing	16	HS
24-39-5000	S <	BAR, RESTRAINING W/SPRING-LOADED LOCK PINS #3,RS - in front of locations for air carts	2	HS
24-39-6000	S	HINGED DOOR, EQUIPMENT RESTAINING	3	HS
25-40-3000	S < >	STOKES TUNNEL - TRANSVERSE LOC: #1,CS/RS - no partition	1	HS
25-40-4000	< >	BACKBOARD STORAGE TUNNEL FOR (2) BOARDS LOC: #2,CS/RS - no partitions	1	HS
25-50-9000	S <	OXYGEN BOTTLE STORAGE TUBE - PVC W/RUBBER STOPS Tube Diameter: 6" TYPE OF BOTTLE:-- "D" regular - approx. 14"L LOC: #3,CS - between partiton and left side wall at floor level - install against rear wall	12	HS
25-70-2000	< >	RAMP, COMPARTMENT FOLD-DOWN TYPE -- Yellow/Black safety stripe tape along leading edge, left & right sides -- #3,CS over cart storage area only	1	HS
EXTERIOR OPTIONS			1	HS
26-00-0010	< >	LADDER, ROOF ACCESS - OSHA TYPE -- knurled vertical vertical minimum 1" pipe -- Grip-Strut steps -- floating center attachment -- 7" extension roll above roof LOC: right rear	1	HS
26-00-0100	S < >	ROOF COMP'T, HINGED LID - UP TO 86" x 26W x 18H -- See Drawing #D97C-366A -- Kit #301648 -- Bulbed gasket around perimeter of lid -- Gas-filled hold-open device -- Draw-type latch - one each end of lid -- Drain holes in each corner -- Raised 1" off roof top -- See 51-51-50 or 51-51-51 for Compartment light & "Door Open" warning circuit LOC: in front of light tower stowage area	1	HS
26-00-0150	S < >	ROOF COMP'T, HINGED LID - UP TO 134"L x 26W x 18H -- See Drawing #D97C-366A -- Kit #301648 -- Bulbed gasket around perimeter of lid -- Gas-filled hold-open device -- Draw-type latch - one each end of lid -- Drain holes in each corner	1	HS

PART NO	S	DESCRIPTION	QTY	ID
		-- Raised 1" off roof top -- See 51-51-50 or 51-51-51 for Compartment light & "Door Open" warning circuit LOC: right side of recessed roof		
26-00-0200	S < >	ROOF COMP'T, HINGED LID - 192L x 26W x 18H -- (2) equal size lids, overlapping in center -- Bulbed gasket around perimeter of lid -- Gas-filled hold-open devices on each lid -- Draw-type-lok latch - one each end of both lids -- Drain holes in each corner -- Raised 1" off roof top -- See 51-51-50 or 51-51-51 for Comp't Light & "Comp't Open" warning LOC: Left side of recessed roof	1	HS
28-01-1000	< >	AWNING, REAR BODY - 90" W COLOR: Black/Gray LOC: between left side post and ladder	1	HS
28-75-1000	S <	DESK, REAR EXTERIOR FOLD-DOWN -- fold-down aluminum desk -- Maximum width between awning and ladder supports -- 30" deep -- constructed of .160" smooth aluminum painted to match the body -- stored in the upright position on the rear in a manner that allows simple release of the latching mechanism to drop into the horizontal working position -- hold-open devices shall be adequate to support not less than 75-lbs of weight at the leading edge -- surface height approximately 40" from ground level	1	HS
		PAINT OPTIONS	1	HS
40-00-0100	<	PAINT BODY - PRIMARY COLOR -- Clear urethane top coat - mirror finish (no "orange peel" effect) COLOR: White CODE/BRAND: FLNA 4006	1	HS
41-00-0000	< >	PAINT CAB - ONE COLOR - 2-DR -- Clear urethane top coat - mirror finish (no "orange peel" effect) Same price for adding second color to cab and using OEM supplied color as first color COLOR: White CODE/BRAND: FLNA 4006	1	HS
41-01-00XX	X <	CUSTOM PAINT SCHEME See rendering	1	
41-01-10XX	X <	CUSTOM PAINT CUSTOMER SUPPLIED CARGO TRAILER UMDNJ will ship three trailers to be painted and stripped to match the trucks.	1	
42-12-0000	<	TOUCH-UP PAINT, ONE QUART COLOR(S):	1	HS
42-99-0000		UNDERCOATING CAB, FRAME & BODY	1	HS
		LETTERING and GRAPHICS	1	HS
43-20-3000	S <	STRIPE, REFLECTIVE 6" PRICE PER FOOT REQS DWG See rendering	142	HS
43-20-9500	<	STRIPE - REFLECTIVE - FRONT BUMPER 4" full width of bumper extending around curvature - break between bumper mounted equipment or holes COLOR:	1	HS
45-22-1000	S >	CUSTOM LETTERING OR GRAPHICS - SUPPLY DETAILS	1	HS
		12VDC ELECTRICAL OPTIONS	1	HS
50-00-0400	< >	ELECTRICAL SYSTEM - V-MUX MULTIPLEX	1	HS

PART NO	S	DESCRIPTION	QTY	ID
		Vista Control Panel on flexible -- Swivel pedestal mounted on dash -- Function switches next to LCD screen with switch functions displayed on LCD for each switch -- Sunlight visible LCD screen with: -- Diagnostics screen -- Automatic fault code display -- Fluid level screen -- Warranty notification screen Multiplex wiring and power control modules Load Manager Engine automatic high idle		
50-04-5000	< >	AUXILIARY POWER STUDS Brass potted studs wired with 1/0 cable -- (1) at each of the body corners after the battery switch (total of 4) -- (1) under the cab after the battery switch -- (1) under the cab before the battery switch for memory circuits	1	HS
50-05-0000	<	AMP DRAW REPORT - NFPA 1901, Section 9-15 Placed in Owners Manual at time of delivery	1	HS
50-06-0000	< >	MESSAGE DISPLAY - DO NOT MOVE TRUCK Following messages displayed on VISTA screen when transmission mode is not in the neutral position: -- Street side cab doors are not secured -- Street side body doors are not secured -- Curb side cab doors are not secured -- Curb side body doors are not secured -- Rear door is not secure -- Light tower not stowed -- Awning is not stowed	1	HS
		DOT LIGHTING		
50-40-0100	< >	CLEARANCE LIGHTS, LED & REFLECTORS Kit #3293399	1 1	HS HS
50-50-0000	<	STOP/TAIL/BACKUP/TURN LIGHT ASSY - WHELEN CAST3 surface mount polished alum hsgs (2) LAMPS - Left side: -- 64HCBR - red brake -- 64HCWR - white backup -- 64HCTR - amber arrow turn LAMPS - Right side: -- 64HCBR - red brake -- 64HCWR - white backup -- 64HCUR - amber arrow turn	1	HS
50-50-4000	< >	STOP LIGHT, LED AUXILARY UPPER - 4" (PR) Trucklite 44226R (42 diode) with 40705 polished stainless steel trim rings	1	HS
50-50-6000	>	JAKE BRAKE LIGHT ACTIVATION	1	HS
50-51-9000	<	AUXILIARY LED TURN SIGNALS - AMBER, CENTER BODY LOC: midway of total apparatus length	1	HS
50-55-1800	< >	TRAFFIC ADVISOR/MESSAGE BOARD - WHELEN MGM02S0A -- 5" high x 48"L -- Amber board -- 20 character (3-panel) Pre-Programmed for Fire -- Control head	1	HS

PART NO	S	DESCRIPTION	QTY	ID
12VDC APPARATUS ILLUMINATION and OPTIONS			1	HS
51-10-2100	<	SCENE LIGHT - SIDE - WHELEN 810 - (EA) - SURFACE MNT Model #810CAOZR - 8-32 degree optics -- Side lights mounted on polished aluminum pods on contour of roof rails -- Rear lights surface mounted on body panel QTY EA. SIDE: 2	4	HS
51-10-2500	<	SCENE LIGHT - REAR, WHELEN 810 - (EA) - SURFACE MNT Model #810CAOZR - 8-32 degree optics -- Side lights mounted on polished aluminum pods on contour of roof rails -- Rear lights surface mounted on body panel	2	HS
51-15-1000	>	REVERSE ACTIVATED REAR SCENE LIGHT(S)	1	HS
51-50-1000	< >	COMPARTMENT LIGHTS (EA) - 7" HALOGEN WELDON 1010-9200-80 surface mount	8	HS
51-51-5000	< >	COMP'T LIGHTS - ROOF WELDON 8045-GH1 halogen surface mounted -- Activated automatically when lid is raised and ambient light is low -- INCLUDES switch for "Door Open" Warning Circuit -- Text message on Vista screen activated if transmission engaged that reads "Roof Box Lid Ajar" LOCS: (2) in each side compartment; (1) centered in front compartment	5	HS
51-51-6000	<	ROOF WORK ZONE LIGHTS - SIDE WALL MOUNTED -- Activated by underbody ground light circuit.	3	HS
51-55-1000	<	COMP'T OPEN WARNING & AUTO ACTIVATION Activation switch incorporated into the "Door Open" circuit. In the event a door is not properly closed and/or secured, a scrolling text message will be displayed on the bottom of the VISTA display screen as follows: -- Cab Doors Ajar -- Roadside Body Door Ajar -- Curbside Body Door Ajar -- Rear Body Door Ajar	1	HS
51-56-0100	<	COMP'T OPEN WARNING LIGHT BOM #812355	1	HS
51-60-1000	< >	DOME LIGHTS 12V HALOGEN - (4) IN CEILING WELDON 1010-9200-80 halogen - surface mounted in ceiling. -- Automatic activation when door(s) are opened -- Manual activation when doors are closed -- Switch on panel next to entrance door LOC: (2) each fore and aft of ceiling air conditioner	4	HS
51-75-1000	S <	GROUND LIGHTS (EA) UNDERBODY MOUNTED ACTIVATED BY: respective scene light switches & reverse mode -- left and right side automatically activated by respective turn signals LOCS: -- (2) ea. forward of left & right rear wheel -- (1) ea. aft of left & right rear wheels -- (1) under rear step bumper -- (1) under front bumper	8	HS
51-80-3900	<	WIRE ONLY FOR CUSTOMER SUPPLIED SPOTLIGHT LOC: #1,RS on face of generator housing panel	4	HS
NFPA 1901 WARNING LIGHTS			1	HS
LIGHT BARS			1	HS
54-01-0300	<	CODE 3 MX 758A2 58" LIGHT BAR	1	HS

PART NO	S	DESCRIPTION	QTY	ID
		LOC: centered over cab roof LENS: red with center clear		
		LOWER ZONE A - FRONT CAB WARNING LIGHTS		
54-10-0620	<	WHELEN 702000RU STROBE (ea) Red lens	1 2	HS HS
54-15-5000	< >	HEADLIGHT WIG-WAG FLASHERS Controlled through V-Mux multiplex circuit and switched through the "Blocking" mode. -- INOPERABLE ON HI-BEAM	1	HS
		LOWER ZONE B/D - CAB INTERSECTION WARNING LIGHTS		
54-20-0730	< >	WHELEN 602000RU STROBE (ea) Red lens -- (1) each left and right side of extended bumper	1 2	HS HS
		LOWER ZONE B/D - LOWER SIDE BODY WARNING LIGHTS		
54-21-0700	<	WHELEN 602000RU STROBE (ea) Red lens -- (1) each left and right forward lower body rail -- (1) each left and right aft lower body rail	1 4	HS HS
54-21-07XX	X <	STROBE-LED WHEELHOUSE LIGHTS Whelen 702 Series combination strobe and LED flashing light with red and amber lens installed in the left and right wheelhouse panels.	2	
		LOWER ZONE C - REAR BODY WARNING LIGHTS		
54-25-2020	<	WHELEN 902000RU STROBE (ea) LOC: below rear tail light modules LENS: Red	1 2	HS HS
		UPPER ZONE B/D - SIDE BODY WARNING LIGHTS		
54-30-0675	< >	WHELEN 90R000FRR LED (ea) LOC: (1) each upper left and right roof side panels; one fore and one aft LENS: Red	1 4	HS HS
		UPPER ZONE C - REAR BODY WARNING LIGHTS		
54-31-0470	S < >	WHELEN 902000FAR LED (ea) LOC: left and right - see dawning LENS: Amber	1 2	HS HS
		STROBE POWER SUPPLIES and FLASHERS		
54-50-0400		WHELEN UPS64LX 4-OUTLET POWER SUPPLY W/O DIAGNOSTIX	1 3	HS HS
		SIRENS and SPEAKERS		
55-22-1000	< >	SIREN - ELECTRONIC WHELEN - 295HFSA1 LOC: ceiling console	1 1	HS HS
55-30-1000		HORN/SIREN SWITCH	1	HS
55-40-0050	S >	SPEAKER, SIREN - WHELEN SA122ALB (EA) - FREIGHTLINER	2	HS
		12VDC MISCELLANEOUS OPTIONS		
57-20-0000	S <	TELEPHONE JACKS - DUAL INT/EXT CPI Box with hinged door -- Rear of the body behind the fold-down desk. -- Recessed compartment with hinged door labeled "Telephone Connections" -- Inside the compartment will be two (2) telephone receptacles for connection of hardlines from an external source to the command center -- (1) two (2) RJ-11 receptacles compatible with conventional telephone or data ports on interior wall of the command center terminating on the wall above the forward command center desk; one left and one right.	1 1	HS HS
57-30-5000	S < >	ANTENNA COAXIAL W/PL259 CONNECTOR	6	HS

PART NO	S	DESCRIPTION	QTY	ID
		PL259 soldered on termination point. 6" pigtail only at antenna site. -- two (2) from cab roof to ceiling console -- four (4): one at side desk; (3) equally spaced across forward desk.		
58-50-1000	< >	12VDC POWER STRIP - (6) TERMINALS - CAB 8-ga primary power cable LOC: under dash	1	HS
58-50-1100	S < >	12VDC POWER STRIP - (6) TERMINALS - BOD"Y 8-ga primary power cable LOC: -- one (1) rear of the body behind the fold-down desk weatherproofed -- three (3) strategically placed under the command center desk	4	HS
59-00-1000	>	BACK-UP ALARM	1	HS
59-02-0000	S < >	SAFETY VISION - CLARION REARVIEW CAMERA -- Activated manually and automatically when in the reverse mode LOC. OF CAMERA: rear body below awning LOC. OF MONITOR: -- #1 - incorporated into VISTA -- #2 - upper corner of command centered between forward and side desk -- Requires audio to rear monitor	1	HS
59-10-0000	<	CARBON MONOXIDE MONITOR LOC: next to command center entrance door	1	HS
59-60-0700	< >	TEMPERATURE SENSOR & READ-OUT - EXTERNAL -- Integral to VISTA display panel -- Sensor not located near engine or other heat producing equipment	1	HS
		240/120VAC ELECTRICAL OPTIONS	1	HS
60-00-0500		ELECTRICAL - 120/240V - STANDARDS REQUIREMENT	1	HS
		GENERATOR and OPTIONS	1	HS
61-01-1100	< >	GENERATOR - 25KW PTO - ELECTRONIC ENGINE APP -- DA Swirled finish on face panel -- PTO engage light on cab console and control panel. -- HIGH TEMP ALARM metallic tag above alarm buzzer LOC: #1,RS	1	HS
61-08-1000	< >	LABELING OF EQUIPMENT -- one (1) voltmeter -- two (2) ammeters -- one (1) frequency meter -- one (1) hourmeter -- one (1) "Power On" green indicator light -- one (1) PTO engagement indicator light	1	HS
61-08-2000	<	UL DIELECTRIC VOLTAGE WITHSTAND TEST UL test results to be included in Owner's Manual -- Tested to NFPA 901, Chapter 23.16.2	1	HS
61-60-2000	S < >	BREAKER BOX, 24-PLACE 100 AMP, SINGLE PHASE Install yellow labels identifying each breaker LOC: face of generator housing panel	1	HS
		120/240VAC OUTLETS, REELS and OPTIONS	1	HS
62-75-0000	<	TRANSFER RELAY, AUTOMATIC - 30 AMP -- Limited to outlets on same circuit only -- Automatically transfers power from generator to shorepower DEDICATED OUTLETS: all in command center	1	HS
63-00-1000	S < >	OUTLET 120V DUPLEX EXTERIOR WEATHERPROOF 20A	4	HS

PART NO	S	DESCRIPTION	QTY	ID
		-- metallic tag reading 120VAC above outlet LOC: -- #1 - behind exterior fold-down desk - left side -- #2 - behind exterior fold-down desk - right side -- #3 - left rear wheelhouse panel - aft of opening -- #4 - right rear wheelhouse panel - aft of opening		
63-00-2000	S <	OUTLET, 120V SGL TWIST NEMA L5-20R (EA) W/GFI -- metallic tag reading 120VAC above outlet LOC: -- #1 - left rear wheelhouse panel - aft of opening -- #2 - right rear wheelhouse panel - aft of opening -- #3 - lower left rear body	3	HS
63-10-3500	S <	OUTLETS, PLUG MOLDING/STRIPS - 6' sections receptacles spaced 6" apart LOC: around perimeter of command desk area	2	HS
63-20-0100	S <	OUTLET 240V 30 AMP (EA) TWIST-LOK -- metallic tag reading 240VAC above outlet LOC: generator housing panel - do not interfere with handlight locations	1	HS
64-00-1000	S < >	CORD REEL, ELECTRIC HANNAY ECR1616-17-18 --NOTE: Max. cord load: 200 ft. 10/3 or 150 ft. 10/4 -- -- CORD REEL REWIND metallic tag next to rewind button -- 200' yellow SO 10/3; captive roller; ball stop. A label will be provided in a readily visible location adjacent to any permanently connected reel. It will indicate the following: -- current rating -- current type -- phase -- voltage -- total cable length LOC: -- #1- #3,CS -- #2 -#3,RS See drawing for placement	2	HS
		120/240VAC FLOOD LIGHTS and OPTIONS		
65-20-2000	S <	TELESCOPING FLOOD-MAGNAFIRE - 900W-220V (EA) HAVIS-SHIELDS MagnaFire 3000 -- HEAD: Model KR-539-W/4S - 32,000 lumens -- TELESCOPING POLE - Model 500 push-up -- Individual circuit breakers for each light -- Brushed stainless steel backing plate on body behind light head nested position LOC: left and right front of body	1 2	HS HS
65-30-2200	< >	LIGHT TOWER - NIGHTSCAN W/(6) 900W MULTI-DIRECTIONAL TOWER LOC: across front of recessed roof REMOTE CONTROL LOC: face of generator housing panel -- Transmission lock-out when tower not nested -- Red warning light on generator panel and cab console indicating tower up -- TOWER UP metallic tag next to alert light on generator panel and console -- Left & right light head banks tilt in opposing directions or simultaneously -- 12V Spotlight at base of tower pointing upward to illuminate area directly over deployment zone -- Text message "TOWER UP" scrolls across bottom of Vista display screen	1	HS
65-30-8000	<	STROBE LIGHT TOP OF MAST - WILL-BURT -- automatically activated when out of "nested" position LENS COLOR: _____	1	HS

PART NO	S	DESCRIPTION	QTY	ID
120/240VAC MISCELLANEOUS OPTIONS				
66-00-0100	< >	LIGHT, FLUORESCENT - EXTERIOR COMP'T Recessed between top of door and lock rod -- controlled by switch next to breaker panel -- plastic shatter shield tube over each light tube	1 8	HS HS
66-00-1000	<	LIGHT, FLUORESCENT - 110V 48" INT. CEILING LOC: forward of air conditioner	1	HS
68-00-1000	< >	AIR CONDITIONER, 120V ROOF MOUNTED RV TYPE -- 39W x 43L x 14H -- Coleman Mach 15 with 5600 BTU heater	1	HS
68-10-2000	S < >	HEATER, WALL BASE BOARD STRIP TYPE - 120V LOC: upper right rear wall	1	HS
MISCELLANEOUS EQUIPMENT and SERVICES				
86-10-3510	X <	WEATHER MONITOR MAST Requires minimum of 6-ft extension above highest point of roof -- Clip on side of left roof compartment -- install receivers on side of rear wall of recessed roof -- Route customer supplied cable to front of command desk	1 1	HS HS
89-15-0200	< >	FIRE EXTINGUISHER - 20A-80B:C - NFPA REQ'D LOC: Installed during final inspection	1	HS
89-15-1000	< >	FIRE EXTINGUISHER - 2-1/2 GAL PRESSURIZED WAT LOC: Installed during final inspection	1	HS
89-99-9000	>	MANUAL, HACKNEY OWNERS W/SCHEMATICS	1	HS
89-99-9500	<	DOT SAFETY KIT Place in cab at time of delivery for DOT compliance. -- Includes: Triangle Marker set; (1) flashlight; (1) 2-1/2# BC extinguisher	1	HS