

# Shop Order

# Hackney Emergency Vehicles

**Quote For:**

SEVIERVILLE FIRE DEPARTMENT  
122 PRINCE ST.  
SEVIERVILLE, TN 37862

**Ship To:**

lrawlings@sevierville.tn.org

**Exp. Date:** 05/01/2004  
**Quote No:** E1416-3001

**CHASSIS:** VA-40-M3 Advantage Flat Floor Cab & Chassis  
**BODY:** DFC1373R 13-COMP'T RESCUE W/RECESSED ROOF - CUS

06/28/2005

Page 1

PART NO	S	DESCRIPTION	QTY	ID
		== Advantage Flat Floor Cab & Chassis - 1.002 03/05/04 ==	1	SP
00-AA-00		> Pricing as of QW Release 03-05-04	1	SP
00-VA-20		Advantage Flat Floor MFD 10" Raised Roof Alum Cab	1	SP
00-XX-10		Chassis-One Year Warranty	1	SP
00-XX-20		Cab Perforation-Ten Year Warranty	1	SP
01-10-10		Single Rail High Strength Frame	1	SP
01-10-40		Frame Paint-Standard Black	1	SP
01-15-09	X	SPARTAN 8' EXTENSION FOR ABS & AIRLINES	1	
01-30-10		Max Height of Vehicle: ____" From Ground	1	SP
02-10-05		> Fuel Tank-50 Gallon-ADV/BE/GLAD/MET/MS	1	SP
03-11-24		> Front Bumper w/24" Extension-ADV	1	SP
03-25-20		Tow Hooks Painted	1	SP
03-30-25	S	< > Air Horn Grover 24" Left & Right (2) Switch on drivers side only	1	SP
03-35-20	S	< > Air Horn Actuation Driver (1) Driver only	1	SP
05-18-14		Front Axle 18000# ArvinMeritor-ADV/MET	1	SP
05-30-50		Chassis Alignment	1	SP
05-50-10		Cramp Angle Frt Axle MFS-20 48L-44R Deg (385/65R Tires)	1	SP
06-38-03		> Goodyear G286 385/65R 22.5 12.25F 20000#-ADV/MET/MS	1	SP
06-45-05		Wheels Front Accuride Steel 9.00"x22.5"	1	SP
06-50-30		Wheel Bearings Front Oil Lubricated	1	SP
06-50-35		Front Shock Absorbers Bilstein	1	SP
06-50-45		Steering Column & Wheel Tilt Telescopic Type	1	SP
06-60-10		Brakes Front 16.5x6" S-Cam w/Auto Slacks	1	SP
07-22-05		> Rear Axle 22000# ArvinMeritor RC-22-145-ADV/MET	1	SP
07-32-02		Top Speed 65MPH+/-2MPH	1	SP
07-35-10		Brakes Rear 16.5"x7" S-Cam Single Axle	1	SP
07-36-10		Brakes ABS Wabco Front & Single Rear	1	SP
08-11-35		> Goodyear G164 11R 22.5 8.25R 24020#-ADV/GLAD/MET	1	SP
08-45-05		Wheels Rr Sgl Axle Accuride Steel 8.25"x22.5"	1	SP
08-50-30		Wheel Bearings Rear Oil Lubricated	1	SP
09-10-05		Rear Suspension 57.5"x3" Vari-rate Springs	1	SP
11-10-05		Air Brake System Single Axle (4136 Cubic Inch)	1	SP
11-20-10		Air Dryer Wabco System Saver 1200	1	SP
11-30-05		Manual Drains on Air Brake System	1	SP
11-40-05		Air Line Tubing - Nylon	1	SP
11-40-21		Air Reservoir Air Horns 1200 Cu.In.	1	SP
11-50-10		Engine Air Compressor 18.7CFM Cummins	1	SP
12-11-04		> Engine Cummins ISL 370HP-ADV	1	SP

PART NO	S	DESCRIPTION	QTY	ID
12-22-10		Engine Cummins 5Yr/100,000 Miles Warranty	1	SP
12-25-12		Fuel Filter-Cummins ISC/ISL-Standard Equipment	1	SP
12-31-SL	>	Engine Brake Jacobs-Cummins ISL	1	SP
12-50-15		Exhaust System Under Frame RH Side	1	SP
12-50-30		Air Cleaner & Air Restriction Indicator	1	SP
13-10-05		Cooling System w/Silicone Radiator Hoses-ADV/BE/MET/MS	1	SP
13-10-10		Engine Fan Standard	1	SP
13-20-05		Silicone Heater Hose	1	SP
13-20-11		Coolant Filter w/Shutoff Valve	1	SP
14-10-02		Trans Allison 3000 EVS 5-Spd-ADV/BE/MET/MS	1	SP
14-20-90		Trans Fluid Synthetic TES295 3000EVS	1	SP
14-25-03		Trans Range Selector Push Pad Std	1	SP
14-25-16	>	Trans Mode Button Deprogrammed 6thStartup	1	SP
14-30-05		Drivelines #1710 Heavy Duty Series-ADV/BE/GLAD/MET/MS	1	SP
14-50-11	>	Transmission EVS Series 5Yr-Std Warranty	1	SP
15-05-13		Multiplex Electrical Sys 6 Batteries-ADV	1	SP
15-10-05		Instrumentation - Standard	1	SP
15-15-14	>	Power & Ground Studs Battery Direct (Std)-ADV/GLAD/MET/MS	1	SP
15-15-50		Load Manager System Installed by OEM or Multiplexed	1	SP
15-20-08		Alternator 270Amp Leece Neville-ADV/BE/MET/MS	1	SP
15-40-57	< >	Super Auto Eject 20Amp Kussmaul Red cover	1	SP
16-05-08		Headlights Quad w/2 Warning & 2 Outer Turns-ADV	1	SP
16-05-20		Marker Lamps Cab LED CabFace Abv Windshield-ADV/GLAD/MET/MS	1	SP
16-30-10		Head Lamp Warning System Alternating Rt to Lft	1	SP
16-30-37	<	Back-Up Alarm Disable Switch NO DISABLE PERMITTED	1	SP
16-30-47	>	Ground Lighting Below Each Door w/Grip Strut	1	SP
17-MF-04		Flat Floor MFD 10" Raised Roof Tilt Cab	1	SP
18-05-13		Cab Doors Full Length-Flat Floor 10" Raised Roof	1	SP
18-08-03	>	Door Warning Chevron	1	SP
19-10-03		Engine Cover Fixed Type-ADV/BE	1	SP
19-40-04		Cab Interior Red/White Dome Lighting (4) Std-ADV/BE/MET	1	SP
19-40-07		Door Ajar Light Red Flashing-Std	1	SP
19-40-10		Alarm Audible for Open Door Light	1	SP
19-40-15		Engine Tunnel Work Light (1)	1	SP
20-25-10		Imperial 1200 Covered Seats	1	SP
20-25-30		Gray Seat Color	1	SP
20-30-02		Driver Seat 911 2-Way Mechanical Non-ABTS	1	SP
20-35-06		Officer Seat 911 Fixed SCBA ABTS	1	SP
21-55-02	>	Rr Facing Outboard Seats 911 Fixed SCBA ABTS	1	SP
21-56-02	>	Rr Facing Center Seats 911 Fixed SCBA ABTS	1	SP
21-58-02	>	Fwd Facing Center Seats 911 Fixed SCBA ABTS	1	SP
21-58-04	>	Fwd Facing Center Seats 911 Flip-Up SCBA ABTS	1	SP
21-60-01	>	Rr Facing Center Seat Box (2 Seats)	1	SP
21-60-20	>	Fwd Facing Center Seat Box-Side Drs (2 Seats)	1	SP
22-05-07		Paint Interior Gray Zolatone Texture Finish	1	SP
22-10-05		Interior Trim Color - Gray/ABS - Gray/Floor Mat - Gray	1	SP
22-15-01	>	Heater/Defroster 57,600BTU Front Overhead	1	SP
22-20-05	>	A/C-Engine Tunnel Mtd Evaporator/Heater (Roof)	1	SP
23-05-25	>	Cab Tilt Actuation-ADV/BE	1	SP
23-20-10		Wheel Well Liners Full S/S-ADV/GLAD/MET/MS	1	SP
23-30-35		Window Cab Side Fixed (Std)	1	SP
24-10-05		Assist Handle Ext Cab 18" SS (4)	1	SP
25-20-40	>	Mirror Cab Ramco CRM9000-FFHR800M Heated/Remote(2)	1	SP
27-10-11	< >	Cab Paint Two Tone-ADV Upper - White FLNA 4006 Lower - Red FLNA 3052	1	SP
28-10-05		Operators & Parts List Manual (1 Set)	1	SP

PART NO	S	DESCRIPTION	QTY	ID
28-10-18		Engine & Transmission Operation Manual (1)	1	SP
28-20-05		Fire Extinguisher 2.5#	1	SP
		== 13-COMP'T RESCUE W/RECESSED ROOF - CUS - ==	1	HS
		<b>CHASSIS RELATED OPTIONS</b>	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
10-99-0000		EXHAUST PIPE LOC.FRWRD OF LEFT WHEELS	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:	1	HS
11-32-3000	<	MAP LIGHT - FLEXSHAFT - FEDERAL LF12TR LOC: right side between "A" post and dash for officer	1	HS
12-50-0100	< >	WHEEL COVERS - 22.5 - S/S W/INFLATION EXT. - REALWHEELS -- Includes stainless steel braided rear wheel valve extensions & lug nut covers -- Viewing window in center of cover if axle has oil seals	1	HS
12-70-0051	S < >	TIRE CHAINS - RUDD -- Spring-loaded cover over activation switch SWITCH LOC: near driver	1	HS
15-35-1000	< >	BUMPER STORAGE COMP'T (EA) -- Box extended 2" above surface of filler panel -- Gas piston hold open device on lid -- Drain holes and black Turtle-Tile in bottom of comp't LOC: right side	1	HS
15-50-2200	< >	WINCH, 15,000# ELECT WARN M15000 -- 136 lbs. -- 25"L x 8.5"D x 11"H -- Fairlead roller -- 90-ft, 7/16" wire rope -- 12 ft. remote cable LOC. OF REMOTE OUTLET: right side of bumper extension	1	HS
16-10-0000	>	TOW HOOKS, REAR (PR) UNDER REAR STEP BUMPER	1	HS
		<b>BODY and FRAME OPTIONS</b>	1	HS
20-00-0700	< >	DROP/PINCH FRAME MODIFICATION - CUSTOM CABS -- 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	1	HS
20-02-0000	<	BODY CONSTRUCTION - HEAVY RESCUE -- 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	1	HS

PART NO	S	DESCRIPTION	QTY	ID
		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		
20-11-5500	S < >	BODY - DFC1173R - 11-COMP'T W/RECESSED ROOF #1,CS/RS - 48W x 73H x 40D #2,CS/RS - 48W x 73H x 40D #3,CS/RS - 52W x 48H x 90D #4,CS/RS - 27W x 48H x 90D #5,CS/RS - 40W x 73H x 24D #11,RR - 42W x 73H x 40D  -- Recessed roof - ____L x 87.5W x 11.5H	1	HS
<b>BODY OPTIONS</b>				
20-69-0000	S <	OVERALL HEIGHT PLATE - NFPA Approx. 6"W x 3"H - Red plate with white letters prominently displayed on center of cab dash -- WARNING - 10' 3" CLEARANCE (or actual height at time of delivery)	1	HS
20-72-2000	<	FUEL FILLER W/HINGED ACCESS DOOR FOR CUSTOM CAB APPLICATIONS W/REAR FRAME MOUNTED FUEL TANK -- fuel filler hoses furnished by chassis manufacturer -- CPI - C10442	1	HS
20-72-3000	<	DIESEL FUEL ONLY LABEL -- Engraved letters - metallic label next to fuel fill	1	HS
<b>EXTERIOR BODY OPTIONS</b>				
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	4	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	S <	HOLDER FOR WHEEL BLOCK - ZICO SQCH-44 (EA) LOC: Fore and aft of left rear wheels	2	HS
22-40-1000	S < >	FIRE EXTINGUISHER COMP'T IN WHEELHOUSING (EA) LOC: one each fore and aft of right rear wheel opening SIZE: Interior 10"W x 10"W x 26"D -- Door to be painted to match body	2	HS
22-50-3000	S < >	LICENSE FRAME W/LIGHT-SURFACE MNT-CPI C30004 LOC: right rear	1	HS
22-80-0000	<	RECEIVER - SIDE BODY MOUNTED FOR WINCH ASSY (PR) -- one each mounted under left and right sides of body just forward of rear wheels rated at 10,000 lbs.  -- Move forward to allow space for mounting one wheel chock.	1	HS

PART NO	S	DESCRIPTION	QTY	ID
22-90-0100	S <	RING, ROPE TIE-OFF - REMOVABLE LOC: Ship Loose	2	HS
<b>INTERIOR COMP'T OPTIONS</b>				
23-10-1000	<	UNISTRUT SHELF/TRAY TRACK - Set of (4) Integral	1 9	HS HS
23-11-2000	S <	SHELF (EA) up to 38W X 36D -- heavy-duty .160 aluminum w/ 1-1/2" open-end flange on four sides SIZE & LOC: -- #1,RS - (2) 47W x 32D - adj -- #2,RS - (4) 47W x 36D - adj -- #4,RS - (2) 26W x 28D - adj -- #5,RS - (2) 39W x 22D - adj -- #1,CS - (4) 47W x 36D - adj -- #2,CS - (4) 28W x 36D - adj between forward wall and partition -- #4,CS - (1) 40W x 22D - fixed above fill station	19	HS
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: -- #3,CS/RS - approx. 10" above floor level	1	HS
23-21-0500	< >	TRAY, SLIDE-OUT 300# - up to 47W x 24D -- Black powder-coating on slider rails -- heavy-duty .188 aluminum w/3" welded corner flange on four sides -- Yellow/Black Safety Stripe tape on each side of tray LOC: #5,RS - 39W x 22D - no frontal lip	1	HS
23-21-1010	S < >	TRAY, SLIDE-OUT 600# - up to 52W x 38D -- Black powder-coating on slider rails -- heavy-duty .160 aluminum w/3" open-end flange on four sides -- Yellow/Black safety stripe tape on each side of tray SIZE & LOCS: -- #2,CS - (1) 28W x 10H x 36D on floor between forward wall and partition -- #3,RS - (1) 51W x 43D on top of fixed shelf -- #3,CS - (1) 51W x 43D on top of fixed shelf -- #11,RR - (1) 41W x 40D on floor	4	HS
23-21-5010	S < >	TRAY, SLIDE/TILT - up to 39W X 40D -- Black powder-coating on slider rails -- heavy-duty .160 aluminum w/3" open-end flange on four sides -- Yellow/black safety stripe tape on each side of tray SIZE & LOCS: #11,RR - (2) 37W x 40D - adj	2	HS
24-30-1000	<	PARTITION, VERTICAL HD 2" FRAMED PANEL TYPE SIZE: 68H x 32D LOC: #2,CS - 29" off forward wal with integral unistrut on right side	1	HS
24-31-2000	< >	DIVIDER, ALUMINUM 3/16" - UP TO 52" X 48" SIZE: 45H x 22D LOC: #5,CS - 15" off aft wall	1	HS
24-39-6000	S <	HINGED DOOR, EQUIPMENT RESTAINING - SINGLE -- Continuous stainless steel hinge -- D-ring Slam latch -- LOC: -- #3,RS - 51W x 10H over lower tunnel opening -- #3,CS - 51W x 10H over lower tunnel opening	2	HS
25-40-1000	S < >	STOKES/TRI-POD TUNNEL	1	HS

PART NO	S	DESCRIPTION	QTY	ID
		WHEELHSG LOC: -- #3,CS/RS - top of compartment		
25-45-0200	< >	TOOL BOARD-SLIDE-OUT - VERTICAL - SMOOTH ALUM. -- Mounted on 400# SlideMaster bolted to floor. -- Upper section supported between two polypropylene gliders -- .160" aluminum panel with aluminum angle framing -- Smooth DA finish -- Yellow/Black safety stripe tape along leading edge, left & right sides LOC: #2,CS - centered between partition and left side wall	1	HS
25-45-2000	S <	PIKE POLE BRACKET - MOUNTED LOC: stacked on the side (ext) street side roof box Length of pole: up to 14-ft	2	HS
25-50-3000	S < >	SCBA STORAGE TUBE - PVC W/RUBBER STOPS LOC: #5,CS - on shelf above fill station	8	HS
		<b>EXTERIOR OPTIONS</b>		
26-00-0010	< >	LADDER, ROOF ACCESS - OSHA TYPE -- install label #65726 on body at top rung that read "CAUTION - Roof is not a walking-working surface. Properly restrained cargo-storage area only" -- knurled vertical vertical minimum 1" pipe -- Grip-Strut steps -- floating center attachment -- 7" extension roll above roof LOC: right rear	1 1	HS HS
26-00-0150	< >	ROOF COMP'T, HINGED LID - UP TO 142" x 26W x 12H -- 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: -- 150"L street side extending full length to roof divider -- 125"L curb side starting approx. 24" from ladder landing zone to roof divider	2	HS
26-00-0280	<	RECESSED ROOF DIVIDER PARTITION -- Bright aluminum tread plate with 1" gap between floor and partition for drainage -- LOC: forward of light tower position	1	HS
28-00-2000	S < >	AWNING, SIDE BODY 17 - 21 FT. LONG -- Center support bracket for stored position COLOR: pewter/gray LOC: right side - full length	1	HS
		<b>PAINT OPTIONS</b>		
40-00-0100	<	PAINT BODY - PRIMARY COLOR -- Clear urethane top coat - mirror finish (no "orange peel" effect) COLOR: Red                      CODE/BRAND: FLNA3052	1 1	HS HS
42-12-0000	<	TOUCH-UP PAINT, ONE QUART COLOR(S):	1	HS
42-90-0500	< >	COMPARTMENT COATING - ZOLATONE (per comp't) COLOR: Light Gray -- Does not include shelving, trays or other detachable equipment or components	13	HS

PART NO	S	DESCRIPTION	QTY	ID
		-- NOTE: Fill all seams, rivet heads and between welds		
42-99-0000		UNDERCOATING CAB, FRAME & BODY	1	HS
		<b>LETTERING and GRAPHICS</b>	1	HS
43-20-2000	S <	STRIPE, REFLECTIVE 4" PRICE PER FOOT REQS DWG See Photos LOC: COLOR: White	125	HS
43-20-7000	<	STRIPE, REFLECTIVE 1" PRICE PER FOOT REQS DWG COLOR: PLACEMENT (PROVIDE DRWG OR PHOTO):	250	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
45-00-00XX	X <	LETTERING Purchase from Linda Thomas @ KME Upper side body to read - SPECIAL OPERATIONS	1	
		<b>12VDC ELECTRICAL OPTIONS</b>	1	HS
50-00-0500	< >	ELECTRICAL SYSTEM - V-MUX MULTIPLEX - SPARTAN Vista Control Panel on flexible -- Swivel pedestal mounted OR flush in console -- 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	1	HS
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	S < >	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 -- Roof box lids not closed -- Light tower not stowed -- Awning is not stowed	1	HS
		<b>DOT LIGHTING</b>	1	HS
50-40-0100	< >	CLEARANCE LIGHTS, LED & REFLECTORS	1	HS

PART NO	S	DESCRIPTION	QTY	ID
		Kit #3293399		
50-50-1100	< >	STOP/TAIL/BACKUP/TURN - LED - WHELEN CAST4 --812033 -Whelen CAST4 surface mount polished alum hsgs --808655 - Whelen 60R00BRR - red brake (2) - 56 LED's --808654 - Whelen 60C00VCR - white backup (2) - 33 LED's -- 808667 - Whelen 60A00TAR - amber arrow turn (2) - 144 LED's --808655 - Whelen 60R00BRR - red flasher at bottom (2) - 56 LED's	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
50-50-6010	>	JAKE BRAKE LIGHT ACTIVATION - SPARTAN	1	HS
50-50-8000	< >	BRAKE LIGHT INITIAL ALERT SEQUENCE - LED ONLY -- Projects two multiple impulse flashes of auxiliary brake light(s) after application of brakes and then reverts to steady burn brake signal	1	HS
50-51-9000	<	AUXILIARY LED TURN SIGNALS - AMBER, CENTER BODY LOC: midway of total apparatus length	1	HS
50-55-0000	< >	TRAFFIC ADVISOR - LED THINLINE -- 38.5"L Controlled by single switch on primary LCD screen. When activated, second screen appears with following function selections: 1. Left directional 2. Right directional 3. Center out directional 4. Wig-wag pattern -- Light bar to sequence fully left and fully right whenever the respective turn signal is activated	1	HS
		<b>12VDC APPARATUS ILLUMINATION and OPTIONS</b>	1	HS
51-10-2100	S <	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 SIDE OF CAB: (1) each between cab doors	6	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	S < >	COMPARTMENT LIGHTS (EA) - 7" HALOGEN WELDON 1010-9200-80 surface mount	1	HS
51-50-2000	S <	COMPARTMENT LIGHTS - HALOGEN TRACK - 3' -- ROM - up to 36" long - priced per section -- (3) 10 watt lamps in each strip -- .83 amps per lamp -- Mount behind forward UniStrut bracket to protect from damage or 10" from front of door opening on compartments without Unistrut. -- Adjust individual lamps to illuminate between shelves and trays. LOCS:	4	HS
51-50-2100	< >	COMPARTMENT LIGHTS - HALOGEN TRACK - 6' -- ROM - up to 72" long - priced per section -- (6) 10-watt lamps in each strip -- .83 amps per lamp	8	HS

PART NO	S	DESCRIPTION	QTY	ID
		-- Mount behind forward UniStrut bracket to protect from damage or 10" from front of door opening on compartments without Unistrut. -- Adjust individual lamps to illuminate between shelves and trays. LOCS:		
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:	4	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
51-75-1000	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: -- (1) 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
51-80-2600	< >	SPOTLIGHT, HAND-HELD - COLLINS CL12 750,000CP LOC: on dash to left of officer	1	HS
		<b>NFPA 1901 WARNING LIGHTS</b>	1	HS
		<b>LIGHT BARS</b>	1	HS
54-01-1705	>	WHELEN ULTRA FREEDOM FN72QLED - 72" LIGHT BAR	1	HS
		<b>LOWER ZONE A - FRONT CAB WARNING LIGHTS</b>	1	HS
54-10-0700	>	WHELEN 60R000FRR LED (ea)	2	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
		<b>LOWER ZONE B/D - CAB INTERSECTION WARNING LIGHTS</b>	1	HS
54-20-0800	>	WHELEN 60R00FFR LED (ea)	2	HS
		<b>LOWER ZONE B/D - LOWER SIDE BODY WARNING LIGHTS</b>	1	HS
54-21-0800	S < >	WHELEN 60R00FAR LED (ea) LENS: amber front; red rear	4	HS
		<b>LOWER ZONE C - REAR BODY WARNING LIGHTS</b>	1	HS
54-25-3000	S < >	WHELEN 60R0FFR LED (ea) Provided in tail light assembly	2	HS
		<b>UPPER ZONE B/D - SIDE BODY WARNING LIGHTS</b>	1	HS
54-30-0675	S < >	WHELEN 90R000FRR LED (ea)	4	HS

PART NO	S	DESCRIPTION	QTY	ID
		LENS: red forward; amber rear		
		<b>UPPER ZONE C - REAR BODY WARNING LIGHTS</b>		
54-31-0470	S	< > WHELEN 90R00FAR & 70R040RR LED (2-EA)	1	HS
		-- includes CSL2A power pack for Linear- Super LED	1	HS
		LOC:		
		-- Upper 90's - amber		
		-- Lower 70"s - red		
		<b>SIRENS and SPEAKERS</b>		
55-00-1000	S	< > SIREN - MECHANICAL FEDERAL Q2B PEDESTAL MOUNT	1	HS
		Includes Siren/Brake switch on console	1	HS
		ACTIVATION SWITCH LOC: left and right floor		
		SIREN LOC: left side of bumper		
		-- Siren to be activated only if transmission is in drive and emergency master is on		
55-22-1000		< > SIREN - ELECTRONIC WHELEN - 295HFSA1	1	HS
		Req's #55-30-10 Horn/Siren switch or #55-30-20 floor switch		
		LOC:		
55-30-1000		HORN/SIREN SWITCH	1	HS
55-40-0000	S	< > SPEAKER, SIREN - WHELEN SA122FMP (EA) FLUSH	2	HS
		BUMPER LOC: left and right outer		
		<b>12VDC MISCELLANEOUS OPTIONS</b>		
57-11-5000	S	< > INTERCOM - FIRECOM - 6-PLACE W/RADIO CONN'	1	HS
		-- (2) UH-10 headsets (1 officer and 1 driver) with radio interface	1	HS
		-- (4) UH-40 head sets for rear seats (no radio interface)		
		-- Radio interface to Motorola Spectra 1225		
57-30-5000	S	< > ANTENNA COAXIAL W/PL259 CONNECTOR	2	HS
		PL259 soldered on termination point. 6" pigtail only at antenna site.		
		-- both to front of engine doghouse		
59-00-1000		> BACK-UP ALARM	1	HS
59-02-0010	<	REARVIEW COLOR CAMERA FOR VISTA PANEL	1	HS
		Clarion SV620KIT		
		-- SV-620 High Resolution color camera		
		-- SV-620CB camera bracket		
		-- SV-620CV camera visor		
		-- SV-620HW camera hardware		
		-- SV-522 - 50' Video cable		
		-- Integrated into VISTA monitor		
		-- Automatically activated by reverse mode		
		-- Manual activation by switch on VISTA panel		
59-60-0700	< >	TEMPERATURE SENSOR & READ-OUT - EXTERNAL	1	HS
		-- Sensor not located near engine or other heat producing equipment		
		<b>240/120VAC ELECTRICAL OPTIONS</b>		
60-00-0500		ELECTRICAL - 120/240V - STANDARDS REQUIREMENT	1	HS
		<b>GENERATOR and OPTIONS</b>	1	HS
61-01-1100	< >	GENERATOR - 25KW PTO - ELECTRONIC ENGINE APP	1	HS
		-- DA Swirled finish on face panel		
		-- PTO engage light on cab console and control panel.		
		-- HIGH TEMP ALARM metallic tag above alarm buzzer		
		-- FRC FROG-D generator display with digital frequency, hour, ampere and (2) volt meters		

PART NO	S	DESCRIPTION	QTY	ID
		LOC: #1,RS		
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 1901, Chapter 23.16.2	1	HS
61-60-2000	< >	BREAKER BOX, 24-PLACE 100 AMP, SINGLE PHASE Install yellow labels identifying each breaker LOC:	1	HS
		<b>120/240VAC OUTLETS, REELS and OPTIONS</b>		
62-75-0000	S <	TRANSFER RELAY, AUTOMATIC - 30 AMP -- Limited to outlets on same circuit only -- Automatically transfers power from generator to shorepower DEDICATED OUTLETS: -- strip outlet in right front comp't	1 1	HS HS
63-00-1000	S < >	OUTLET 120V DUPLEX EXTERIOR WEATHERPROOF 20A -- metallic tag reading 120VAC above outlet LOC: face of generator housing pane	1	HS
63-00-2000	S <	OUTLET, 120V SGL TWIST NEMA L5-20R (EA) W/GFI -- metallic tag reading 120VAC above outlet LOC: lower left rear body panel	2	HS
63-10-3500	S <	OUTLETS, PLUG MOLDING/STRIPS - 6' sections receptacles spaced 6" apart LOC: -- back wall of #1,CS - right front compartment	1	HS
63-20-0100	S <	OUTLET 240V 30 AMP (EA) TWIST-LOK -- metallic tag reading 240VAC above outlet LOC: #5,CS - upper for hydraulic power unit	1	HS
64-00-2000	S < >	CORD REEL, ELECTRIC HANNAY ECR1624-17-18 -- CORD REEL REWIND metallic tag next to rewind button -- Type of cord: 10/4 Yellow -- Connection: Permanent 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 -- Ground continuity monitor on plug LOC: -- #11,RR	1	HS
64-50-2010	S < >	POWER DISTRIBUTION BOX - 240VAC - HARD-WIRED MODEL EJB-PP - yellow powder coated finish -- Split 240VAC circuit into two separate 120VAC circuits -- (2) L5-15R twist-lock receptacles on each circuit - total of 4	1	HS

PART NO	S	DESCRIPTION	QTY	ID
		-- Inlet: Permanently wired to cord on reel -- Lighted face plates on each side of box -- Handle on top of box		
64-51-1000	<	DISTRIBUTION BOX WALL MOUNTING BRACKET EXTENDA-LITE EJB-VMT - powered coated yellow LOC:	1	HS
<b>120/240VAC FLOOD LIGHTS and OPTIONS</b>				
65-21-1000	<	TRI-POD FLOOD-MAGNAFIRE - 750W-120V (EA) 120VAC HAVIS-SHIELDS MagnaFire 3000 -- HEAD: Model KR-36 -- TELESCOPING POLE - Model 800 tri-pod -- Individual circuit breakers for each light to specified outlets -- Brushed stainless steel backing plate on body behind light head nested position (as applicable to location) -- Ground continuity monitor on plug LOC:	1 2	HS HS
65-22-4800	S <	FLOOD LIGHT - RECESSED UPPER BODY - 900W MAGNAFIRE Havis-Shields KR1939 w/integral recessed housing and 10 degree angle -- Individual circuit breakers for left & right -- Separate activation switch next to generator installation LOC: upper left and right side body; one forward, one aft	2	HS
65-22-5200	< >	FLOOD LIGHT - FRT SPARTAN CAB - MAGNAFIRE 900W Havis-ShieldsKR-1539-SP Individual circuit breakers for left & right LOC:	1	HS
65-30-2200	< >	LIGHT TOWER - NIGHTSCAN W/(6) 900W MULTI-DIRECTIONAL TOWER LOC: laterally in front of recessed roof REMOTE CONTROL LOC: #1,RS -- 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
<b>BREATHING AIR SYSTEMS and OPTIONS</b>				
70-01-0300	< >	FILL STATION - APPLETON W/4-BANK CASCADE -- 23"W x 43"H x 22"D -- (2) tilt-out SCBA bottle tubes -- through-the-floor blow-out -- self-latching enclosure door -- 4-bank gauge and fill valves -- refill inlet port -- stainless fill panel adjacent to enclosure	1 1	HS HS
72-00-1000	S <	RECEIVERS - 6000 PSI (EA) W/CGA 702 VALVE LOC: #5,RS	6	HS
72-10-1100	< >	RECEIVER RACK FOR (6) DOT REC. HORIZONTAL LOC: #4,RS	1	HS
<b>UTILITY AIR OPTIONS</b>				
75-10-1000	< >	AIR REEL, UTILITY - ELECTRIC REWIND W/ 150' Hannay 1516-17-18 electric rewind	1 1	HS HS

PART NO	S	DESCRIPTION	QTY	ID
		-- 150 ft. of 3/8" hose -- Rewind button on side wall at eye level -- Metallic "AIR REEL REWIND" tag at rewind button		
		REEL LOC: #11,RR beneath hydraulic reels		
75-10-6000	<	AIR, CHASSIS SUPPLIED W/ AUX. RESERVIOR TANK -- 1490 cu.in. auxiliary air reservior with shut-off valve between tank and air line connection -- Bendix PR-4 non-adjustable 85 psi Pressure Protection Valve -- Automatic drain valve -- 1/4" air brake hose; no other tie-in points to air brake system forward of this system.	1	HS
		<b>HYDRAULIC TOOL OPTIONS</b>	1	HS
85-20-0900	S < >	HYDRAULIC REEL, HANNAY FOR HOLMATRO HANNAY EF-2016-17-18 w/ 69.0015 hose kit and accessories; 22.0011 HS-3 Stop;full captrive roller assy -- 100' Polyflex 2006ST twin hose on drum -- 10' Lead-in hose -- Rewind button on side wall at eye level -- "HYD REEL REWIND" metallic tag next to rewind button -- NOTE: Not applicable with LUKAS Systems HOSE COLOR: Black TOOL BRAND: AMKUS -- #11,RR - top	1	HS
85-20-2900	< >	HYDRAULIC REEL, INSTALL CUSTOMER FURNISHED -- "HYD REEL REWIND" metallic tag next to rewind button -- 10 ga power wiring to solenoid with 40 amp fuse -- Rewind button supplied with customer furnished reel -- Mounting plate across top of compartment LOC: #11,RR	1	HS
85-21-4100	S <	HOLMATRO SIMO POWER UNIT -230V, 60HZ Part# 158152054 LOC: #5,RS	1	HS
85-21-6120	S	HOLMATRO HOSE & COUPLING KIT FOR SIMO	1	HS
		<b>MISCELLANEOUS EQUIPMENT and SERVICES</b>	1	HS
89-15-0200	< >	FIRE EXTINGUISHER - 20A-80B:C - NFPA REQ'D LOC:	1	HS
89-15-1000	< >	FIRE EXTINGUISHER - 2-1/2 GAL PRESSURIZED WAT LOC:	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
89-99-9800		FUEL TANK FULL AT DELIVERY	1	HS