

Shop Order

Hackney Emergency Vehicles

Quote For: Drexal Heights Fire District
 5030 South Camino Verde
 Tucson, AZ 85735

Douglas Chappell
 520-883-4341

Ship To: Drexal Heights Fire District
 5030 South Camino Verde
 Tucson, AZ 85735

Douglas Chappell
 520-883-4341

Dealer:
 COBB

Terms:
 Net on Delivery

Drawing #: D-05C-316
Delivery Date: 02/17/06
Customer PO #: 06F09096
Customer #: 3002
QPF #: 003002

Penalty:

Exp. Date: 02/20/2005
Quote No: 10RC1-0422

CHASSIS: DA-00-25 Diamond
BODY: DFC200 RESCUE - CUSTOM CAB

12/04/2006

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PART NO	S	DESCRIPTION	QTY	ID
		== Diamond - 1.004 10/15/04 ==	1	SP
00-AA-00		> Pricing as of QW Release 10-15-2004	1	SP
00-DA-33	S	Diamond Flat Floor LFD 20" Raised Roof Alum Tilt Cab	1	SP
00-XX-05		> Cab Crash Test ECE-29	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
01-15-08	S	< > Wheelbase Under 199" and/or Less Than 1000Gal Water Actual wheelbase will be _____".	1	SP
01-30-10	S	Max Height of Vehicle: ___" From Ground	1	SP
02-10-10		> Fuel Tank-68 Gallon (42" Min.A.E.)-ADV/DIA/GLAD/MET/MS	1	SP
03-10-25	S	> Front Bumper w/24" Extension-DIA/GLAD	1	SP
03-20-60	S	> Bumper Apron-24" Extension-DIA/GLAD	1	SP
03-25-10		> Tow Hooks Chrome Plated	1	SP
03-30-10		> Air Horn Grover 24" Both DRV (2)	1	SP
03-35-05		Air Horn Actuation Steer Wheel & OFF Foot Switch	1	SP
05-18-14		Front Axle 18000# ArvinMeritor-ADV/DIA/MET	1	SP
05-30-50		Chassis Alignment	1	SP
05-50-15		Cramp Angle Frt Axle MFS-18 50Deg (315/80R Tires)	1	SP
06-31-17		> Michelin XZA1 315/80R22.5 9.00F 18000#-ADV/BE/DIA/GL4/MET/MS	1	SP
06-50-10		Wheels Front Accuride Polished Alum 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
06-60-15		Brakes Front Disc Type w/Auto Slack Adjust	1	SP
07-24-05		Rear Axle 24000# ArvinMeritor RS-24-160-ADV/DIA/GLAD/MET	1	SP
07-32-04		Top Speed 75MPH+/-2MPH	1	SP
07-35-20		Brakes Rear Disc w/Auto Slacks Single Rear Axle	1	SP
07-36-10		Brakes ABS Wabco Front & Single Rear	1	SP

PART NO	S	DESCRIPTION	QTY	ID
08-11-27		> Michelin XZE 11R 22.5 8.25R 24020#-ADV/BE/DIA/GLAD/MET	1	SP
08-50-10		Wheels Rr Sgl Axle Accuride Polished Alum 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
09-75-05		Axle Cover Kit Stainless Steel (All Wheels)	1	SP
10-31-11	S	> Spare 315/80R22.5 Tire & Steel Wheel-ADV/DIA/GLAD/MET/MS	1	SP
10-50-09	S	Spare Aluminum Wheel 9.00 x 22.5-ADV/DIA/GLAD/MET/MS	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	S	Manual Drains on Air Brake System	1	SP
11-30-25		> Auto Moisture Ejector (Ea)	4	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
12-11-07		> Engine Cummins ISL 350HP-DIA/MET/MS	1	SP
12-22-10		Engine Cummins 5Yr/100,000 Miles Warranty	1	SP
12-23-01		> Engine Oil Level Check Electronic-DIA/GLAD	1	SP
12-25-12		Fuel Filter-Cummins ISC/ISL-Standard Equipment	1	SP
12-31-SL	S	> 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
13-10-06		Cooling System ISL/C9-ADV/MET/MS	1	SP
13-10-10		Engine Fan Standard	1	SP
13-10-31		Transmission Cooling Sys 3000EVP ISL-ADV/MET/MS	1	SP
13-20-11		Coolant Filter w/Shutoff Valve	1	SP
13-50-45		Stop, Tail, Turn Wiring to Rear of Chassis	1	SP
14-10-02		< > Trans Allison 3000 EVS-ADV/BE/MET/MS	1	SP
		6-SPEED TRANSMISSION FOR RESCUE TRUCK APPLICATION		
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/DIA/GLAD/MET/MS	1	SP
14-50-11		> Transmission EVS Series 5Yr-Std Warranty	1	SP
15-05-06		> Multiplex Electrical Sys 6 Batteries-DIA/GLAD	1	SP
15-05-30		Battery Jumper Studs-DIA/GLAD	1	SP
15-10-05		> Instrumentation - Standard	1	SP
15-10-42		Rocker Switch Console Three Panel ABS Mux	1	SP
15-10-46		Officer Rocker Switch Panel Mux Vista Display	1	SP
15-10-47		Driver Rocker Switch Panel Mux Vista Display	1	SP
15-10-48		Center Rocker Switch Panel Blank	1	SP
15-15-14		> Power & Ground Studs Battery Direct(Std)-ADV/DIA/GLAD/MET/MS	1	SP
15-20-14		Alternator 270Amp Leece Neville-DIA/GLAD	1	SP
15-40-58	S	> Super Auto Eject 30Amp Kussmaul	1	SP
16-05-10		Marker Lamps Cab-Roof Mounted	1	SP
16-30-20		Unity Cab Spotlights 6" Halogen-Cab Corner (2)	1	SP
16-31-02	S	> Whelen LED 4x6 Dual Red Lights on Bmpr Tails	1	SP
16-31-03	X	BUMPER INTERSECTOR ON DRIVER SIDE TO BE BLUE	1	
16-32-02	S	< > Whelen LED 4x6 Dual Red Lights on Cab Side DRIVER SIDE RED/PASSENGER SIDE BLUE	1	SP
16-32-03	X	UPGRADE PASSENGER SIDE LIGHT OVER FENDER TO BLUE	1	
16-32-20	S	< > Whelen LED 4x6 Dual Red Lights on Fascia (Above) MOUNT IN BEZEL ABOVE HEADLIGHTS INNER POSITION	1	SP
16-32-21	X	PASSENGER SIDE LED TO BE BLUE IN FRONT HEADLIGHT BEZEL	1	
16-36-16	S	> Whelen #810 Ser Clear Scene Lights on Cab Side	1	SP
16-37-06		> Headlights w/Daytime Running Lights & Side Markers	1	SP
16-37-09		> Whelen Turn Signals LED 4x6 Amber Arrow Std Loc	1	SP
17-FF-05		Front Fascia-DIAMOND	1	SP
17-LN-20	S	Flat Floor LFD 20" Raised Roof 4DR Tilt Cab-DIA/GLAD	1	SP
17-LN-21	X	LOCKS FOR COMPTS UNDER DRIVER/OFFICER SEAT KEYED SAME AS CAB	2	

PART NO	S	DESCRIPTION	QTY	ID
17-ZZ-96	S	> Three Door Cab for Command Center-DIA/GLAD	1	SP
18-05-80	S	Cab Doors Full Length 20" RR-DIA	1	SP
18-06-4R	S	Front & Rear Roll Down Door Windows-ADV/BE/DIA/GLAD/MET/MS	1	SP
18-07-04		Inner Door Panels DA Sanded-DIA	1	SP
18-08-03		> Door Warning Chevron	1	SP
19-10-09		Engine Cover Fixed Type-DIA	1	SP
19-15-20		> MDT Provision (ABS Int)-DIA/GLAD	1	SP
19-15-25		> Assist Handles Full Width Crew Door Cast Alum	1	SP
19-40-05		Cab Interior Red/White Dome Lighting (5) Std-BE/DIA/GLAD	1	SP
19-40-07		Door Ajar Light Red Flashing-Std	1	SP
19-40-15		Engine Tunnel Work Light (1)	1	SP
19-50-51	S	< > Receptacle 12V Power Any Location Location: INSIDE LFD COMPARTMENT BEHIND CREW DOOR CURB SIDE	1	SP
20-25-13		> Fabric (DBP) Covered Seats	1	SP
20-25-30		Gray Seat Color	1	SP
20-25-39		> Seatbelt Warning System	1	SP
20-30-00		> Driver Seat 911 4-Way Air Non-ABTS	1	SP
20-35-00		> Officer Seat 911 4-Way Air SCBA Non-ABTS	1	SP
21-55-01	S	< > Rr Facing Outboard Seats 911 Fixed Std Back ABTS DELETE (1) FOR QUANTITY OF (1) ONLY BEHIND OFFICER SEAT	1	SP
21-55-02	X	DELETE (1) REAR FACING SCBA SEAT	1	
21-57-06	X	DELETE (1) THEATER FLIP-UP SCBA SEAT ABTS	1	
21-58-04	S	> Fwd Facing Center Seats 911 Flip-Up SCBA ABTS	1	SP
21-60-20	S	< > Fwd Facing Center Seat Box-Side Drs (2 Seats) Build as a single seat pedestal against the rear wall of the cab. Seat to be as close as possible to the rear cab stepwell to leave maximum room for Hackney supplied and installed command center against the roadside wall of cab.	1	SP
22-05-05		Paint Interior Job Color	1	SP
22-06-10		Interior Trim ABS-DIA	1	SP
22-10-05		Interior Trim Color Gray SoftVinyl/Gray ABS/Gray FlrMat	1	SP
22-20-13		HVAC System Ceiling Mtd w/Roof Mtd Condenser	1	SP
22-20-40		Insulation Package Deluxe	1	SP
23-05-10		> Cab Tilt Actuation-DIA/GLAD/MET/MS	1	SP
23-10-21		Front Grille Stainless Flat Hinged Standard-DIA	1	SP
23-15-70	S	< > EMS Compartment drivers side FOR DRIVER SIDE ILO OFFICER SIDE	1	SP
23-15-71	X	CEILING LIGHT FOR EMS COMPARTMENT	1	
23-16-04	S	LFD Compartment Without Interior Access	1	SP
23-16-05	X	< CEILING LIGHT FOR LFD COMPT. WITHOUT INTERIOR ACCESS INSTALL CURB SIDE BEHIND CREW DOOR	2	
23-20-10		Wheel Well Liners Full S/S-ADV/DIA/GLAD/MET/MS	1	SP
23-30-35		Window Cab Side Fixed (Std)	1	SP
23-30-36	X	< PLUG WINDOW ABOVE THE CENTER SIDE WINDOW/TOP OF DOOR WINDO INSTALLED SAME HEIGHT AS CAB DOORS/WINDSHIELD	2	
24-10-05		Assist Handle Ext Cab 18" SS (4)	1	SP
25-20-07	X	< VEL VAC WEST COAST MIRRORS #705333 PRICE PER DON ARMSTRONG	1	
25-20-16		Mirror Retractable West Coast Motorized Face Round Convex (2)	1	SP
25-20-16	X	DELETE RETRACT MIRRORS	1	
27-10-10		< > Cab Paint Two Tone-ADV/DIA/GLAD/MET/MS Paint Break Standard Gladiator/Diamond	1	SP
		Brand of paint, upper color and lower color:		

PART NO	S	DESCRIPTION	QTY	ID
		Sikkens FLNA 4040 LV white upper		
		Sikkens FLNA 3050 LV red lower		
27-10-30		Finish Base and Clear Coat Buffed Finish	1	SP
28-10-10		Operators & Parts List Manual (2 Sets)	1	SP
28-10-20		Engine & Transmission Operation Manual (2)	1	SP
28-20-05		Fire Extinguisher 2.5#	1	SP
29-29-29		Diagram As Built Chassis Wiring Custom	1	SP
99-99-99	X	5% DISCOUNT FOR DIAMOND	1	
		== RESCUE - CUSTOM CAB - ==	1	HS
02-10-1000		OAH Restriction - None	1	HS
02-10-1100		OAL Restriction - None	1	HS
		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
10-50-0000	S < >	CAB INTERIOR COMMAND CENTER See drawing D-05C-315 for layout	1	HS
10-99-0000	S	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: Above aframe on #1 RS & CS	1	HS
11-32-0000	S <	DOME LIGHTING - CAB - RED/CLEAR #8081-6978-68 -- Split red/clear lens -- Switch for red lens located on side of light -- Clear activated by cab doors and switch on side of light LOC: Above rear facing seat	1	HS
11-32-3000	S <	MAP LIGHT - FLEXSHAFT - FEDERAL LF12TR LOC: Mounted on "A" post on officers side	1	HS
12-00-1010		MUD FLAPS - RE-INSTALL CHASSIS OEM	1	HS
15-30-5000	< >	BUMPER - DROP-DOWN HINGED CENTER SECTION -- Receiver recessed behind the bumper to allow for storage of removable winch in receiver -- Stainlees steel bumper will be a three-piece, with the center section hinged down for access to the removable winch -- Hinge down section of the bumper secured in the upright/closed position with slam-type latch. -- Bright tread plate lid on top of bumper enclosure using continuous stainless steel hinge -- Stainless steel paddle slam latch -- Pneumatic hold-open device --Center section hinges down for access to portable winch for storage or utilization -- "D" ring latch on face of bumper section	1	HS
15-35-1000	S < >	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	1	HS

PART NO	S	DESCRIPTION	QTY	ID
		LOC: Curbside - maximize length and width NOTE: Can not be lower then bumper		
15-50-3700	<	WINCH, 9000# WARN ELECTRIC - PORTABLE -- 104 lbs. Winch Dimensions: 21.8" L. x 6.3" D. x 9.94" H. (553mm L. x 160mm D. x 252mm H.) -- Slides into a Class III receiver -- Includes heavy-duty 12VDC quick-disconnect with 1/0 pigtail on winch only (see 15-51-00 for chassis connection) -- 125 ft. 5/16" steel cable WARN 9000i with #26370 Multi-Mount system -- store inside bumper	1	HS
15-50-8500	< >	WINCH RECEIVER, FRONT BUMPER LOC: behind center section of drop-down bumper Painted black	1	HS
15-50-8800	<	WINCH RECIEVER - 10,000# - UNDER REAR BUMPER BOM #335525	1	HS
15-50-9010	<	RECEIVER - SIDE DF 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.	1	HS
15-51-0000	S <	PLUG, POWER W/1/0 WIRING FOR PORTABLE WINCH (EA) LOC: front, rear, left side, right side next ot receivers	4	HS
16-10-0100	>	TOW LOOPS (PR) UNDER REAR STEP BUMPER	1	HS
		BODY and FRAME OPTIONS	1	HS
20-00-1200	< >	DROP/PINCH FRAME MOD. - CUSTOM CAB PROPOSAL -- 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
20-02-1000	<	BODY CONSTRUCTION - HEAVY RESCUE - PROPOSAL -- 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 -- Radius corner and roof rail extrusions - no blunt or formed edges	1	HS
20-11-4700	S < >	BODY - DFC1173R - 11-COMP'T W/RECESSED ROOF #1,CS/RS - 52W x 73H x 40D #2,CS/RS - 52W 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 - 226L x 87.5W x 11.5H	1	HS
		BODY OPTIONS	1	HS
20-69-0000	<	OVERALL HEIGHT PLATE - NFPA Approx. 6"W x 3"H - Red plate with white letters prominently displayed on center of	1	HS

PART NO	S	DESCRIPTION	QTY	ID
		cab dash		
		-- WARNING - _?_?_" CLEARANCE (or actual height at time of delivery + 2")		
20-71-0100		WHEELHOUSE PANEL - PAINTED	1	HS
20-71-2510		> ROOF, BRIGHT TREAD PLATE - ANTI-SLIP - BODY	1	HS
20-72-2000	<	FUEL FILLER W/HINGED ACCESS DOOR	1	HS
		-- fuel filler hoses furnished by chassis manufacturer		
		-- CPI - C10442		
20-72-3000	<	DIESEL FUEL ONLY LABEL	1	HS
		-- Engraved letters - metallic label next to fuel fill		
		EXTERIOR BODY OPTIONS	1	HS
22-20-1000		MUD FLAPS, REAR (PR) BLACK RUBBER	1	HS
22-21-0000	S <	STONE GUARDS, FRT & REAR - D/P CORNERS (4)	1	HS
		full height of body up to drip rail angled design		
22-25-2000		BUMPER, REAR STEP BRIGHT TREAD PLATE	1	HS
22-25-9000	<	SIGN - "DANGER - DO NOT RIDE ON REAR STEP"	1	HS
		-- 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"		
22-31-3000	< >	STEP, RECESSED - EA CPI POLISHED ALUMINUM	4	HS
		LOCS: fore & aft of left & right rear wheel openings		
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)	2	HS
		LOC: fore and aft of roadside rear wheels		
22-50-3000	S < >	LICENSE FRAME W/LIGHT-SURFACE MNT-CPI C30004	1	HS
		LOC: Curbside rear above tail light assembly		
22-90-0100	S <	RING, ROPE TIE-OFF - REMOVABLE	2	HS
		LOC: ship loose		
		INTERIOR COMP'T OPTIONS	1	HS
23-11-2010	S <	SHELF (EA) up to 52"W x 36"D	5	HS
		-- heavy-duty .188 aluminum w/ 1-1/2" open-end flange on four sides		
		Location/Size:		
		-- #1,RS - (1) 51W x 36D - adj		
		-- #5,RS - (2) 39W x 22D - adj		
		-- #5,CS - (1) 39W x 23D - fixed		
		-- #4,CS- (1) 26W x 23D - fixed		
23-11-3000	S <	SHELF (EA) up to 52" X 88"D	1	HS
		-- heavy-duty .188 aluminum w/ 1-1/2" open-end flange on four sides		
		-- requires (2) sets of unistrut channels		
		Location/Size:		
		-- #3,CS/RS - 51W x 88D - adj		
23-21-0500	S < >	TRAY, SLIDE-OUT 300# - up to 47W x 24D	2	HS
		-- 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		
		Location/Size:		
		-- #4,CS (1)- 26W x 30D - on floor		

PART NO	S	DESCRIPTION	QTY	ID
		-- #2,RS (1) - 30W x 36D - on floor between forward wall and partition		
23-21-1000	S	< > TRAY, SLIDE-OUT 600# -- 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 Location/Size: -- #1,RS - (1) 51W x 30D - on top of generator housing -- #2,CS - (1) 51W x 36D - on floor -- #11,RR - (1) 41W x 40D - on floor	3	HS
23-21-3000	S	< > TRAY, TRANSVERSE SLIDE-OUT - up to 52W X 88D -- 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 -- width up to 52" Location(s)/Size(s): #3,CS/RS	1	HS
23-21-5000	S	< > TRAY, SLIDE/TILT -- 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 Location/Size: -- #2,RS - (3) - 25W x 36D - adj between forward wall and partition -- #1,CS - (2) 22W x 36D - adj between forward wall and partition -- #2,CS - (2) 46W x 36D - adj -- #11,RR - (1) 34W x 40D x 3H - adj -- #11,RR - (1) 34W x 40D x 8H - adj just below reels	11	HS
24-30-1000	S	< PARTITION, VERTICAL HD 2" FRAMED PANEL TYPE SIZE: 68H x 36D - 2-1/2 thick LOC: -- #2,RS - 31" off forward wall -- #1,CS - 28" off forward wall	2	HS
25-40-1000	S	< > STOKES/BACKBOARD TUNNEL- 1-STOKES; 2-BACKBOARD WHEELHSG LOC: #3,CS/RS	1	HS
25-45-0000	S	< > TOOL BOARD-SLIDE-OUT - VERTICAL - PLYWOOD PANEL -- Mounted on 400# SlideMaster bolted to floor. -- Upper section supported between two polypropylene gliders -- Surface sanded and coated with clear polyurethane -- Yellow/Black safety stripe tape along leading edge, left & right sides LOC: #2,RS - centered between partition and right side wall ***lockable in open and closed position***	1	HS
25-45-0600	S	< > COMBO SCBA SLIDE-OUT RACK & TOOL BOARD -- Yellow/Black safety stripe tape along leading edge, left & right sides -- 67" high x 36" deep -- SCBA brackets bolted located: left side -- Opposite side to be smooth aluminum LOC: #1,CS - between partition and left side wall as close to left side wall as possible ***lockable in open and closed position***	1	HS
25-45-5410	S	< > SCBA WALKAWAY BRACKET - FLAMEFIGHTER Flamefighter model 14000 Hackney part number 812704 BOTTLE PSI/SIZE/BRAND: Uni-Bracket LOC: Ship Loose	4	HS
25-50-3000	S	< > SCBA STORAGE TUBE - PVC W/RUBBER STOPS	6	HS

PART NO	S	DESCRIPTION	QTY	ID
		LOC: #4, CS in top of bay		
25-99-0000	X <	CRAFTSMAN #59615 6-DRWR TOOLBOX #5,RS - bolted to floor	1	
		EXTERIOR OPTIONS	1	HS
26-00-0005	< >	STAIRCASE, DEPLOYABLE -- Assisting loading and unloading via Counter-Balancers -- Step surfaces: 24" wide x 12" deep -- Step Spacing: 9" -- Step platform painted yellow Zolatone -- Red/white conspicuous reflective safety tape on left and right sides -- "Staircase Deployed" warning on Vista panel display	1	HS
26-00-0040	<	LABEL - "CAUTION - ROOF NOT WALKING-WORKING SURFACE" Label #65726 on body at top rung that reads "CAUTION - Roof is not a walking surface. Properly restrained cargo-storage area only" -- REQUIRED if OSHA Safety Rails not installed on roof	1	HS
26-00-0200	S < >	ROOF COMP'T, HINGED LID - 152L x 26W x 12H -- (2) equal size lids, overlapping in center -- Bulbed gasket around perimeter of lid -- Gas-filled hold-open devices on each lid -- Thumb-release adjustable latch on each lid -- 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 and right side of recessed roof	2	HS
27-80-1000	S < >	SCBA BOTTLE W/HSG STORAGE W/HINGED DOOR (EA) LOC: right rear wheelhouse panel -- (2) aft of opening -- (1) forward of opening	3	HS
28-00-3500	S < >	AWNING, ELECTRIC CONTROLLED - UP TO 21FT COLOR: Pewter LOC: left and right - full length	2	HS
		PAINT OPTIONS	1	HS
40-00-0100	S <	PAINT BODY - PRIMARY COLOR -- Clear urethane top coat - mirror finish (no "orange peel" effect)	1	HS
40-00-0101	X	UPGRADE PAINT WARRANTY TO 10 YEARS	1	
40-00-0101	X <	2-TONE BODY FROM DRIP RAILS UP ONLY UPPER COLOR: Red CODE: FLNA 3050 LV LOWER COLOR: White CODE: FLNA 4040 LV	1	
42-12-0000	<	TOUCH-UP PAINT, ONE QUART COLOR(S): Red/White	1	HS
42-99-0000		UNDERCOATING CAB, FRAME & BODY	1	HS
		12VDC ELECTRICAL OPTIONS	1	HS
50-00-0500	< >	ELECTRICAL SYSTEM - V-MUX MULTIPLEX - SPARTAN Vista Control Panel on flexible -- Swivel pedestal mounted -- 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	1	HS

PART NO	S	DESCRIPTION	QTY	ID
		-- Warranty notification screen		
		Multiplex wiring and power control modules		
		Load Manager		
		Engine automatic high idle		
50-04-0000		DOWNLOADER - DIAGNOSTICS & REPROGRAMMING	1	HS
50-04-5000	< >	AUXILIARY POWER STUDS	1	HS
		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		
50-04-5001	X	AUX POWER STUD IN LFD CAB COMPARTMENTS	2	
50-05-0000	<	AMP DRAW REPORT - NFPA 1901, Section 9-15	1	HS
		Placed in Owners Manual at time of delivery		
50-06-0000	< >	MESSAGE DISPLAY - DO NOT MOVE TRUCK	1	HS
		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		
		DOT LIGHTING		
50-40-0100	< >	CLEARANCE LIGHTS, LED & REFLECTORS	1	HS
		Kit #3293399	1	HS
50-50-1100	S < >	STOP/TAIL/BACKUP/TURN - LED - WHELEN CAST4	1	HS
		--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		
50-50-4000	< >	STOP LIGHT, FEDERAL LED AUXILARY UPPER - 4" (PR)	1	HS
		Federal 607100-04 with 607110 polished stainless steel trim rings		
50-50-6010	>	JAKE BRAKE LIGHT ACTIVATION - SPARTAN	1	HS
50-50-8000	< >	BRAKE LIGHT INITIAL ALERT SEQUENCE - LED ONLY	1	HS
		-- Projects four multiple impulse flashes of auxiliary brake light(s) after application of brakes and then reverts to steady burn brake signal		
50-51-9000	<	AUXILIARY LED TURN SIGNALS - AMBER, CENTER BODY	1	HS
		LOC: midway of total apparatus length		
		NOTE: Will need to work in secondary mode with warning lights on		
		12VDC APPARATUS ILLUMINATION and OPTIONS		
51-10-1500	S < >	SCENE LIGHT - WHELEN 580CAAZR - (EA)	1	HS
		Model #730CAAZR	2	HS
		-- left and right outer cab bumper ends forward of red lights		
		-- acivated by switch on Vista main screen		
		-- CPI bezel angled forward		
51-10-2100	<	SCENE LIGHT - SIDE - WHELEN 810 - (EA) - SURFACE MNT	4	HS
		Model #810CAOZR - 8-32 degree optics		
		-- Side lights surface mounted on upper body panel		

PART NO	S	DESCRIPTION	QTY	ID
		QTY EA. SIDE: 2		
51-10-2500	<	SCENE LIGHT - REAR, WHELEN 810 - (EA) - SURFACE MNT Model #810CAOZR - 8-32 degree optics -- Rear lights surface mounted on body panel	2	HS
51-15-1000	>	REVERSE ACTIVATED REAR SCENE LIGHT(S)	1	HS
51-50-2200	S <	COMPARTMENT LIGHTING - POK LED STRIP LIGHT TYPE - SHORT One (1) each on left and right side walls	4	HS
51-50-2210	S <	COMPARTMENT LIGHTING - POK LED STRIP LIGHT TYPE - TALL One (1) each on left and right side walls	7	HS
51-51-5000	< >	COMP'T LIGHTS - ROOF WELDON 8045-GH1 halogen surface mounted -- Activated automatically when lid is raised -- INCLUDES switch for "Door Open" Warning Circuit -- Text message on Vista screen activated if transmission engaged that reads "Roof Box Lid Ajar" LOCS: Centered in roof box lid	4	HS
51-51-6000	S <	ROOF WORK ZONE LIGHTS - SIDE WALL MOUNTED -- Activated by any scene light switch only when in the neutral or park position.	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 -- Roof Box Lid Ajar	1	HS
51-65-1000	<	FLUORESCENT LIGHT, 12VDC - 18" SWITCH ON LAMP. LOC: Under command center cabinets equally spaced NOTE: Needs to be far enough back to allow for radios to be mounted in front of cabinets	2	HS
51-75-1000	S <	GROUND LIGHTS (EA) UNDERBODY MOUNTED 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 Activated in the following scenarios: 1. When any body compartment door is opened 2. Manually from respective scene light switches 3. When the apparatus is shifted to the reverse mode 4. Left and right sides activated by respective turn signal	6	HS
52-50-0000	S < >	STREAMLIGHT SL45102 HAND LIGHTS -12VDC CHARGER NFPA Requirement 12V Chargers connected to chassis batteries before battery switch LOC: Face of generator panel (refer to drawing)	6	HS
		NFPA 1901 WARNING LIGHTS	1	HS
		LIGHT BARS	1	HS
54-01-1705	S < >	WHELEN ULTRA FREEDOM FN72QLED - 72" LIGHT BAR	1	HS

PART NO	S	DESCRIPTION	QTY	ID
		LOC: forward cab roof MAXIMUM LED MODULES TO BE PROVIDED -- Ends to have split RED/BLUE LENS (2) -- Inside of the ends White halogen (2) -- Red/Blue modules alternating between the (2) halogen lights -- No lights on rear of bar -- White halogens to operate only in the "Calling for Right-of-Way" mode		
54-09-0301	X <	3M 792H OPTICOM MOUNTED OUTSIDE OF LIGHT BAR LOC: On top of light bar	1	
		LOWER ZONE A - FRONT CAB WARNING LIGHTS	1	HS
54-10-0900	S	FRONT WARNING LIGHTS - PROVIDED WITH CAB	1	HS
		LOWER ZONE B/D - CAB INTERSECTION WARNING LIGHTS	1	HS
54-20-0950	S	CAB INTERSECTION LIGHTS - SUPPLIED WITH CAB	1	HS
	<	LOWER ZONE B/D - LOWER SIDE BODY WARNING LIGHTS	1	HS
		Roadside front corner blue Roadside rear corner red Curbside front corner red Curbside rear corner blue		
54-21-0800	S < >	WHELEN 60R02SSR SUPER-LED (4) LOC: lower left and right crash rails; one forward and one aft	1	HS
		LOWER ZONE C - REAR BODY WARNING LIGHTS	1	HS
54-25-4000	S	PROVIDED IN CAST4 TAIL LIGHT ASSY	1	HS
		UPPER ZONE B/D - SIDE BODY WARNING LIGHTS	1	HS
54-30-0675	S < >	WHELEN 90RR5SB SUPER-LED (4) LOC: left and right upper body - one forward and one aft Color configurations: -- Roadside front corner red -- Roadside rear corner blue -- Curbside front corner blue -- Curbside rear corner red	1	HS
		UPPER ZONE C - REAR BODY WARNING LIGHTS	1	HS
54-31-0472	S < >	WHELEN 70R04AR AMBER LINEAR LED (4) -- includes CSL4A power pack LOC: upper left and right rear body	1	HS
		SIRENS and SPEAKERS	1	HS
55-20-1000	<	SIREN - FEDERAL ELECTRONIC - PA300MSC LOC: Center of cab dash	1	HS
55-30-1000		HORN/SIREN SWITCH	1	HS
55-40-2200	S < >	SPEAKER, SIREN - FEDERAL MS100 DYNAMAX -- with MSFMT-EF chromed trim bezel -- Flush mounted -- 2.6" deep -- 5.8"H x 5.8"W LOC: left and right side of bumper (refer to drawing)	2	HS
		12VDC MISCELLANEOUS OPTIONS	1	HS
57-30-5000	S < >	ANTENNA COAXIAL W/PL259 CONNECTOR -- PL259 soldered on termination point -- 6" pigtail only at antenna site exposed on exterior roof -- Sealed grommet around exit point -- (6) to be terminated behind officers seat -- (3) to be terminated under command center cabinets -- refer to drawing for exterior locations	9	HS
58-50-1000	S < >	12VDC POWER STRIP - (6) TERMINALS - CAB	1	HS

PART NO	S	DESCRIPTION	QTY	ID
		8-ga primary power cable -- switched before battery switch LOC: Under cabinet in cab command center		
58-51-0030	S < >	POWER POINT RECEPTACLE - 12VDC IN CAB - (3) HAVIS-SHIELDS #C-LP-3 -- 15 amp circuit breaker protected. -- attached cover over opening -- hot before battery switch LOC: Under cabinets near rear wall toward front side of cabinets	1	HS
59-00-1000		BACK-UP ALARM - FEDERAL 210333	1	HS
59-02-0015	<	REARVIEW B/W CAMERA FOR VISTA PANEL NOTE: Standard on all models with Multiplexed electrical system.	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 -- FRC FROG-D generator display with digital frequency, hour, ampere and (2) volt meters LOC: #1,RS	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: face of generator housing panel	1	HS
		120/240VAC OUTLETS, REELS and OPTIONS	1	HS
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: -- Power strip in cab (plug molding) -- #5 RS Duplex outlet -- Duplex under command center desk	1	HS
63-00-1000	S < >	OUTLET 120V DUPLEX EXTERIOR WEATHERPROOF 20A -- metallic tag reading 120VAC above outlet LOC: -- (1) one :fore CS rear wheel opening -- (1) one :fore RS rear wheel opening	2	HS
63-00-2000	S <	OUTLET,120V SGL TWIST NEMA L5-20R (EA) W/GFI -- metallic tag reading 120VAC above outlet LOC: -- (1) lower left rear body for tripod flood -- (1) lower right rear body for tripod flood -- (1) after RS rear wheel opening	3	HS

PART NO	S	DESCRIPTION	QTY	ID
63-10-1000	S	< > OUTLET 120V DUPLEX INTERIOR W/GFI, 20A (EA) LOC: #1: (1)-- #5 RS 43" off of floor on foward wall #2: (1)-- Centered 4" under command center desk	2	HS
63-10-3500	S	< OUTLETS, PLUG MOLDING/STRIPS - 6' sections receptacles spaced 6" apart -- on auto transfer switch circuit LOC: side wall of cab above work station desk	1	HS
63-20-0100	S	< OUTLET 240V 30 AMP (EA) TWIST-LOK -- metallic tag reading 240VAC above outlet L6-30R LOC: -- #1: (1)-- #11 RR rear wall 12" off of floor 6" from roadside wall -- #2: (1)-- on generator panel	2	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 200 feet -- Connection: L14-30R 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: -- #5,CS - upper right	1	HS
64-00-3000		< > CORD REEL, ELECTRIC HANNAY ECR1630 -- CORD REEL REWIND metallic tag next to rewind button -- Type of cord: 8/4 Yellow 200' -- Connection: L14-30R 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:-- #11,RR - under hydraulic reels	1	HS
64-50-2000	S	< > POWER DISTRIBUTION BOX - 240VAC - PLUG-IN MODEL EJB-PP - yellow powder coated finish -- Split 240VAC circuit into two separate 120VAC circuits -- (2) L5-20R twist-lock receptacles on each circuit - total of 4 -- Inlet: L14-30R -- Lighted face plates on each side of box -- Handle on top of box	2	HS
64-51-1000	S	< DISTRIBUTION BOX WALL MOUNTING BRACKET EXTENDA-LITE EJB-VMT - powered coated yellow LOC: Mount at final inspection	2	HS
120/240VAC FLOOD LIGHTS and OPTIONS				
65-21-1000	S	< TRI-POD FLOOD-MAGNAFIRE - 750W-120V (EA) 120VAC HAVIS-SHIELDS MagnaFire 3000 -- HEAD: Model KR-36	2	HS

PART NO	S	DESCRIPTION	QTY	ID
		-- 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: one each left and right rear body		
65-30-2200	S < >	LIGHT TOWER - NIGHTSCAN W/(6) 900W MULTI-DIRECTIONAL	1	HS
		-- Transmission lock-out when tower not nested		
		-- Red warning light on generator panel 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" appears on bottom of Vista display screen		
		-- Sound prompt when tower is not nested and in drive mode		
		TOWER LOC: forward recessed roof		
		REMOTE CONTROL LOC: next to generator panel		
		120/240VAC MISCELLANEOUS OPTIONS	1	HS
66-00-1000	S <	LIGHT, FLUORESCENT - 110V 48" INT. CEILING	1	HS
		LOC: Under cab Command center cabinets		
		BREATHING AIR SYSTEMS and OPTIONS	1	HS
70-01-0300	S < >	FILL STATION - APPLETON W/4-BANK CASCADE	1	HS
		-- 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		
		LOC: #5,CS		
72-00-1000	S	RECEIVERS - 6000 PSI (EA) W/CGA 702 VALVE	6	HS
72-00-1001	X	ADDITIONAL MANIFOLDING FOR (6) RECEIVERS	2	
72-10-1100	S < >	RECEIVER RACK FOR (6) DOT REC. HORIZONTAL	1	HS
		LOC: #4,RS		
		UTILITY AIR OPTIONS	1	HS
75-10-5000	S < >	AIR OUTLET - RECESSED	1	HS
		-- Isolated min. 1460 cu.in. air tank		
		-- Recessed into side panel - no components extending beyond opening		
		-- Parker 1/4 MPT female quick-disconnect with 1/4 MPT male adapter		
		-- AIR OUTLET metallic tag next to outlet		
		LOC. OF OUTLET: fore of roadside body wheel opening		
75-10-6000	S <	AIR, CHASSIS SUPPLIED W/ AUX. RESERVIOR TANK	1	HS
		-- 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.		
75-10-6001	X	AUTOMATIC MOISTURE EJECTOR ON AIR TANK	1	
		HYDRAULIC TOOL OPTIONS	1	HS
85-20-0900	S < >	HYDRAULIC REEL, HANNAY FOR AMKUS	2	HS
		<<<<does not include manifold or hydraulic PU connections>>>>		
		HANNAY EF-2016-17-18 RT H10M w/ 69.0015 hose kit and accessories; 22.0011		

PART NO	S	DESCRIPTION	QTY	ID
		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 HOSE COLOR: -- #1: Red -- #2: Blue TOOL BRAND: AMKUS LOC: #11,RR - top		
85-20-5000	S < >	SLIDE-OUT ASSY FOR CAPTIVE ROLLERS -- Relocates captive roller assembly on reel to face of slide assembly. Attached to UniStrut hardware for adjustment. Slides out of compartment minimum of 6". -- Assembly capable of accommodating two captive roller assemblies side-by-side centered in front of each reel. LOC: #11 RR	1	HS
85-20-5001	X	OPTION TO INSTALL CUSTOMER SUPPLIED AKMUS COMPONENTS	1	
		MISCELLANEOUS EQUIPMENT and SERVICES	1	HS
89-15-0200	S < >	FIRE EXTINGUISHER - 20A-80B:C - NFPA REQ'D LOC: ship loose	1	HS
89-15-0201	X	UPGRADE FIRE EXTINGUISHER TO 120B:C	1	
89-15-1000	S < >	FIRE EXTINGUISHER - 2-1/2 GAL PRESSURIZED WAT *****EXTENQUISHER TO BE AMEREX LOC: SHIP LOOSE	1	HS
89-99-9000	>	MANUAL, HACKNEY OWNERS W/SCHEMATICS	1	HS
89-99-9100		MANUAL, OWNERS - EXTRA COPIES	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	S	FUEL TANK FULL AT DELIVERY	1	HS
		ADMINISTRATIVE	1	HS