



2016 660S SBA 6x4 (CF7AA)

<u>Code</u>	<u>Description</u>
CF7AA00	Base Chassis, Model 660S SBA 6x4 with 333.00 Wheelbase, 271.00 CA, and 91.00 Axle to Frame.
1652	CROSSMEMBER, REAR Relocated to End of Frame
1DAV	FRAME RAILS High Strength Heat Treated Alloy Steel (120,000 PSI Yield); 12.00" x 3.25" x 0.25" (304.8mm x 82.6mm x 6.35mm); 478.1" (12143mm) Maximum OAL
1GDL	FRAME REINFORCEMENT Outer "C" Channel, Heat Treated Alloy Steel (120,000 PSI Yield); 12.65" x 3.50" x 0.25"(321.0mm x 88.9mm x 6.35mm); 445.4" (11313mm) Maximum OAL
1LBC	BUMPER, FRONT Multi-piece Stainless Steel
	<u>Includes</u> : FOG LIGHT OPENING (2) and with Rectangular Hole for Step
1SAP	CROSSMEMBER, REAR, AF (1) 5 Piece
1VAN	TOW PIN, FRONT Heavy Duty
1WVU	WHEELBASE RANGE 287" (730cm) Through and Including 341" (865cm)
2ARY	AXLE, FRONT NON-DRIVING {Meritor MFS-20-133A} Wide Track, I-Beam Type, 20,000-lb Capacity
3AGA	SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 20,000-lb Capacity; With Shock Absorbers
4091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications
	<u>Includes</u> : BRAKE LINES Color and Size Coded Nylon : DRAIN VALVE Twist-Type : DUST SHIELDS, FRONT BRAKE : DUST SHIELDS, REAR BRAKE : GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster : INVERSION VALVE Bendix SR-1 and Double Check Valve : PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel : PARKING BRAKE VALVE For Truck : QUICK RELEASE VALVE Bendix On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4 : SLACK ADJUSTERS, FRONT Automatic : SLACK ADJUSTERS, REAR Automatic : SWITCH, AUXILIARY Interrupter for Cab Clearance/Marker Lights (Blinks Lights with Headlight Switch in "ON" Position); Instrument Panel Mounted
	<u>Notes</u> : The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.
4193	BRAKES, FRONT, AIR CAM 16.5" x 6", Includes 24 SqIn Long Stroke Brake Chambers
4732	DRAIN VALVE {Berg} Manual; With Pull Chain, for Air Tank
	<u>Includes</u> : DRAIN VALVE Mounted in Wet Tank
4AZU	AIR BRAKE ABS {Bendix AntiLock Brake System} Full Vehicle Wheel Control System (6-Channel 6 Sensor/6 Modulator)
4EBS	AIR DRYER {Bendix AD-9} With Heater
	<u>Includes</u> : AIR DRYER LOCATION Inside Left Rail, Back of Cab
4LAA	SLACK ADJUSTERS, FRONT {Haldex} Automatic
4LGA	SLACK ADJUSTERS, REAR {Haldex} Automatic



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4NDB	BRAKES, REAR, AIR CAM S-Cam; 16.5" x 7.0"; Includes 30/30 Sq.In. Long Stroke Brake Chamber and Spring Actuated Parking Brake
4SPL	AIR COMPRESSOR 21.0 CFM Capacity
4VGM	AIR TANK Polished Aluminum, With Straight Thread O-Ring Ports
4WRJ	AIR COMPRESSOR DISCHARGE LINE 1/2" ID to 5/8" ID Teflon Hose, With Stainless Steel Braid; to Air Dryer
5710	STEERING COLUMN Tilting and Telescoping
5PTB	STEERING GEAR (2) (Sheppard M-100/M-80) Dual Power
5WBH	STEERING WHEEL (Caterpillar) 2-Spoke, 18" Diam., Dark Neutral, Leather Wrapped
7BES	AFTERTREATMENT COVER Polished Aluminum
7BJU	EXHAUST SYSTEM Switchback Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab; Includes Single Vertical Tail Pipe & Guard, Right Side, Cab Mounted
7SDD	ENGINE COMPRESSION BRAKE (Jacobs) for CT 11 & CT 13 Engines, With Selector Switch and On/OFF Switch
7WBA	TAIL PIPE (1) Turnback Type, Bright, for Single Exhaust
7WBS	MUFFLER/TAIL PIPE GUARD (1) Bright Stainless Steel
7WBU	EXHAUST HEIGHT 11' 6"
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment
	<u>Includes</u>
	: BATTERY BOX Aluminum
	: CIGAR LIGHTER Includes Ash Cup, Center Console Mounted
	: FUSES, ELECTRICAL SAE Blade-Type
	: HAZARD SWITCH Integral with Turn Signal Switch
	: HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever
	: HEADLIGHTS (2) Composite with Halogen Projector Beam
	: HORN, AIR Single, Chrome
	: HORN, ELECTRIC Single
	: PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light
	: READING LIGHT, CAB (2) with Individual Switches; One Above Each Door
	: STARTER SWITCH Electric, Key Operated
	: STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector
	: TURN SIGNAL FLASHER
	: TURN SIGNAL SWITCH Manual Cancelling with Lane Change Feature
	: TURN SIGNALS, FRONT Includes Integral Reflectors and Side Marker Lights; Fender Mounted
	: WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature, Steering Column Mounted
	: WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted
	: WIRING, CHASSIS Color Coded and Continuously Numbered
8540	HORN, ELECTRIC (2)
8685	HORN, AIR (2) Single Bell, Long Chrome
8695	SNOW SHIELD (2) Chrome; for Dual Air Horns
8718	POWER SOURCE Cigar Type Receptacle without Plug and Cord
8GGN	ALTERNATOR (Bosch LH160) Brush Type, 12 Volt 160 Amp. Capacity, Pad Mount
8HAE	BODY BUILDER WIRING Rear of Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/ Accessory Power/Ground and Sealed Connector for Stop/Turn
8MMK	BATTERY SYSTEM (Caterpillar) (3) 12 Volt 3000CCA Total



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8RMA	RADIO AM/FM/WB/Clock/Bluetooth/USB Input/3MM Auxiliary Input, MP3, Apple Device Play & Control, Bluetooth for Phone & Music, with Multiple Speakers
8RMG	ANTENNA BASE (2) Single Function, (1) for CB and (1) for Entertainment Radio, Without Splitter, Separate Lead-Ins, With CB Antenna Mounted on Left Mirror and AM/FM Antenna Mounted on Right Mirror
8TKB	STOP, TURN, TAIL & B/U LIGHTS (Truck Lite) Super 44, With LED Bulbs for Stop, Turn & Tail Lights and Truck Lite Super 40 for Backup lights, With Power Module, "International" Termination and Less Junction Box
8VUK	BATTERY BOX Aluminum With Plastic Cover, 18" Wide, 2, 3, or 4 Battery Capacity, Mounted Right Side Back of Cab
8WCK	POWER SOURCE, TERMINAL TYPE 2-Post
8WDG	BACK-UP ALARM (Preco 1059) Electronic; Solid State, Dual Function, 112 dBA
8WEZ	TURN SIGNAL SWITCH Self-Canceling
8WNR	RUNNING LIGHT (2) Omit Item
8WNT	CLEARANCE/MARKER LIGHTS (5) Amber LED Lights, Mounted on Sunshade
8WWD	BATTERY BOX COVER Stainless Steel, Bright Finish
8WXG	STARTING MOTOR (Mitsubishi Electric Automotive America 105P) 12-Volt, with Soft-Start
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III With Trip Indicators, Replaces All Fuses Except For 5-Amp Fuses
8XCV	TOGGLE SWITCH, AUXILIARY (4) with Four 20-Amp Fuses/Circuit Breakers
9ASE	FRONT END Tilting Composite
	<u>Includes</u> : GRILLE SURROUND Brushed Stainless Steel
9HAN	INSULATION, UNDER HOOD for Sound Abatement
9HBN	INSULATION, SPLASH PANELS for Sound Abatement
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100
10631	PAINT IDENTITY, PT-2 Single Color, Instruction No. 931. Frame/Running Gear & Fuel Tank (Aluminum Tank Will Not Be Painted)
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone
11MGS	CLUTCH (Eaton Fuller Solo Advantage) Self-Adjusting, Two-Plate, Cast Angle Spring; Ceramic, 15.5" Diameter, 7-Spring Coaxial VCT Plus Damper (Soft Rate) Mechanical Pull-Type Control, 6-Button Disc, 1860 lb-ft Torque Capacity
	<u>Includes</u> : CLUTCH RELEASE BEARING Greasable
11WAE	GREASE FITTINGS Remote; for Clutch Cross Shaft
11WAG	CLUTCH BRAKE Two-Piece
12864	BLOCK HEATER, ENGINE (Phillips) 120 Volt/1500 Watt
12KXS	ENGINE, DIESEL (CT 13) EPA 2010, SCR, 475 HP @ 1700 RPM, 1700 lb-ft Torque @ 1000 RPM, 2100 RPM Governed Speed, 475 Peak HP (Max)
12THT	FAN DRIVE (Horton Drivemaster) Direct Drive Type, Two Speed With Residual Torque Device for Disengaged Fan Speed
12UND	FEDERAL EMISSIONS EPA, OBD and GHG Certified for Calendar Year 2015; CT13 Engines



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12VBT	AIR CLEANER Single Element, Heavy Duty
12WCG	HOSE CLAMPS, RADIATOR HOSES (R.G. Ray Mini Flex Seal) Coil Spring/"T"-Bolt Type, for Radiator Hoses over 1" I.D.
12WEG	COLD STARTING EQUIPMENT Automatic; With Engine ECM Control
12WTA	FAN DRIVE SPECIAL EFFECTS Fan Cooling Ring with Fan Shroud Effects, Engine Mounted
12WZE	EMISSION COMPLIANCE Federal, Does Not Comply With California Clean Air Idle Regulations
12XAV	RADIATOR Aluminum; Welded, Front to Back Down Flow System, 1429 SqIn, 740 SqIn CAC, 1099 SqIn 3 Core LTR
13GKM	TRANSMISSION, MANUAL (Fuller RTLO(F)-18918B) 18-Speed Manual, With Double Overdrive & Double-Lo, Internal Lube Oil Pump and Air Shift <u>Includes</u> : CLUTCH BRAKE Torque Limiting : FILL PLUG, MAGNETIC
13WAS	CLUTCH HOUSING Aluminum; Available With 1350 to 2050 lb-ft Capacity Fuller Transmissions
13WGJ	OIL COOLER,MANUAL TRANSMISSION Water to Oil Type Included in Radiator End Tank (REQUIRES TRANSMISSION LUBE PUMP)
13WGP	INPUT SHAFT Heavy Duty Roller Bearing; Spline Size 2.00" with 1.18" Pilot, Use With Eaton 13/18 Speed Manual Transmissions, With Transmission Mounted, 6 or 8 bolt PTO's with Up to the Total PTO Output of 500 lb. ft.
13WLB	TRANSMISSION OIL (EmGard 50W) Synthetic; 22 thru 33.99 Pints
13WVD	PTO CONTROL, DASH MOUNTED For Customer Provided PTO; Includes Control Valve, Piping and Wiring, Wired for PTO
14862	PDL WARNING BUZZER Power Divider Lock
14899	SUSPENSION AIR CONTROL VALVE Pressure Release Control In Cab
14HRC	AXLE, REAR, TANDEM (Meritor RT-46-164EH) Single Reduction, Standard Width, 46,000-lb Capacity, With Driver Controlled Locking Differential in Forward-Rear and Rear-Rear Axle, 200 Wheel Ends . Gear Ratio: 4.56 <u>Includes</u> : POWER DIVIDER LOCK Air Operated, Cab Control with Indicator Light in Cluster : REAR AXLE DRAIN PLUG (2) Magnetic, For Tandem Rear Axle <u>Notes</u> : Axle Lead Time is 45 Days
14ULT	SUSPENSION, REAR, AIR, TANDEM (Hendrickson HAS-460-55) 55" Axle Spacing; 46,000-lb Capacity, 9.5" Ride Height, With Shock Absorbers Mounted Inboard
14WBN	DIFF. SWITCH CONTROLS Two Independent Switches for Control Traction Differentials on Tandem Rear Axles, Mounted on Dash
14WLT	AXLE, PUSHER, LIFT TYPE, ID Customer Installed Pusher Type Axle; Nothing Installed at Manufacturing Plant
14WMK	AXLE, REAR, LUBE (EmGard FE-75W-90) Synthetic Oil; 65 thru 89.99 Pints
15924	FUEL TANK STRAPS Bright Finish Stainless Steel
15DYP	DEF TANK 9.5 U.S. Gal. 36.0L Capacity, Frame Mounted Outside Left Rail, Under Cab
15LKU	FUEL/WATER SEPARATOR (Racor) Fuel Pre-Filter and Filter Base, Includes Water-In-Fuel Sensor



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15SWJ	FUEL TANK Top Draw; Polished Aluminum, 26" Diam., 120 U.S. Gal., 454 L Capacity Mounted Left Side Under Cab
15WCS	FUEL COOLER Less Thermostat; Mounted in Front of Cooling Module
16031	CAB Conventional
	<u>Includes</u>
	: COAT HOOK, CAB Located on Rear Wall, Behind Passenger Seat
	: CONSOLE, CENTER Plastic, Driver Convenience with a Cup and Change Holder, Ash Tray and Lower Storage Area
	: DOME LIGHT, CAB (2) Driver and Passenger Dome Lights with Individual Switches, in Headliner
	: DOOR CHECK STRAP (2) One Each Door
	: GLASS, ALL WINDOWS Tinted
	: GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side
	: GRAB HANDLE, EXTERIOR (2) Mounted Behind Driver and Passenger Doors
	: INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior Color
	: SKIN Riveted
	: STEP (4) Two Steps Per Door
16564	HEATER SHUT-OFF VALVES (1) Ball Check Valve Type, Supply Line
16HBA	GAUGE CLUSTER English With English Electronic Speedometer
16HGL	GAUGE, OIL TEMP, REAR AXLE
16HGN	GAUGE, AIR APPLICATION
16HKB	GAUGE, MANIFOLD PRESSURE Data Link Driven; Mounted in Instrument Panel, Includes Controller Module
16JPG	SEAT, DRIVER (National 2000 Model 195) Air Suspension, Hi Back, Vinyl W/Cloth Insert, 2 Arm Rests, Isolator, Adjuster, 3 Chamber Lumbar, 6 Way Front Adj, 3 Way Rear Cushion Adj, 2-15 Degree Back Angle Adjustment, Adj Side Bolster, Vinyl Suspension Cover, Heat
16RAN	SEAT, PASSENGER (National 2000 Model 192) Non Suspension, High Back, Vinyl Boxing With Cloth Facing, 11 Degree Back Angle Adjust
16SEY	MIRROR, CONVEX, HOOD MOUNTED (Lang Mekra) Right and Left Sides; 7.44" Sq., Black
16SKU	MIRRORS (2) (Lang Mekra) Aero; Rectangular, Power Both Sides, Thermostatically Controlled Heated Heads, Amber Lens Clearance Light LED, Black Painted Finish Heads, Brackets & Arms, Breakaway Type, 7.09" x 15.75" & Integral Convex Both Sides, 102" Inside Spacing
16UZJ	STORAGE, CAB INTERIOR Storage Pocket, Located on Back Wall Between Driver and Passenger Seats
16VRT	HEATER, ENHANCED CIRCULATION (Bergstrom) Control, for Extreme Cold Weather Climates
16VTH	CAB INTERIOR TRIM Premium Level; for Caterpillar, Day Cab
	<u>Includes</u>
	: "A" PILLAR COVER Molded Plastic
	: CAB INTERIOR TRIM PANELS Vinyl
	: CONSOLE, OVERHEAD Molded Plastic with Three Storage Pockets; One with Strap for CB Radio Mounting; Two with Netting, Courtesy Lights with Switches
	: COURTESY LIGHT (2) Driver and Passenger Door Mounted
	: DOOR TRIM PANELS Vinyl Upper with Power Locks and Windows, Upper and Lower Grab Handles, Both Sides
	: FLOOR COVERING Rubber, Black
	: HEADLINER Soft Padded Vinyl
	: HEATER BOX Metal, Painted Black
	: INSTRUMENT PANEL TRIM Vinyl
	: MIRROR, CONVEX, LOOK DOWN Black Finish; 6" x 10-1/4"; Located on Passenger Side
	: STORAGE POCKET, DOOR (2) Driver and Passenger Door
	: SUN VISOR (2) Vinyl with Molded Toll Ticket Retainer



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<u>Code</u>	<u>Description</u>
16VZA	WINDOW, REAR 52.25" Wide
16WAK	WINDOW, POWER (2) in Left and Right Doors
16WBX	SEAT BELT All Belting Must Be Orange
16WHJ	HOSE CLAMPS, HEATER HOSE (Breeze) Belleville Washer Type
16WJG	CAB DOOR LOCKS Power
16WKB	AIR CONDITIONER (International Blend-Air) With Integral Heater & Defroster
16WKR	WINDSHIELD Single Piece
16WLD	CAB REAR SUSPENSION (Link Z9079D1) Dual Frame Mounted Cab Rear Air Suspension; Includes Special Crossmember Assembly
16XWE	SUNSHADE, EXTERIOR Bright Finish; Includes Integral Clearance/Marker Lights
16ZDU	GRAB HANDLE Exterior; Towel Bar Type In Lieu Of Non-Bright Grab Handles; for use with Cab or Cab/Sleeper Non-Bright Access, Without Frame Access or Chassis Skirts
27DHK	WHEELS, FRONT DISC; 22.5" Non-Polished Aluminum, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 12.25 DC Rims; With Steel Hubs
28DMJ	WHEELS, REAR DUAL DISC; 24.5" Non-Polished Aluminum, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs.
29WLA	WHEEL BEARING, FRONT, LUBE (EmGard 50W) Synthetic Oil
7484223217	(8) TIRE, REAR 11R24.5 XDE M/S (MICHELIN) 474 rev/mile, load range H, 16 ply
7652663208	(2) TIRE, FRONT 425/65R22.5 XZY-3 (MICHELIN) 465 rev/mile, load range L, 20 ply
1	Curry Supply 100bbi VAC Tanker Body

Line Qty Part No

Description

3	1	CV68-Electrical	Rugged braided stainless steel oil delivery lines Integral vacuum relief valve 8 vane rotor design for higher operating pressure and increased efficiencies Vane flush port with valve Vane wear inspection port Proven crash protection allowing all major components to survive a catastrophic failure Remote mount 5 quart see through oil tank for constant oil level monitoring Integral, easily accessible, final filter Thermometer to monitor exhaust temperature Multiple drive options (gearbox, belt, hydraulic, and direct) Two year warranty against manufacturer defect Designed, built, and supported in the USA 6 Gallon tank, 3 gallons vacuum oil, 3 gallons flushing oil PTO System - Muncie air shift shaft drive PTO with cab controls
4	1	CV68 Bumper	Lights & Wiring - LED Lights & Truck-Lite wiring harness Sealed junction box 12 Volt back-up alarm
5	1	CV68 Storage	Work Lights - (4) 12 volt flood lights (2) Rear (1) Left (1) Right "New Style - Heavy Duty Oil Field BumperTow Hook / Tire Chain HolderCatch Pan with Ball Valve"
6	1	VP-ASSEM	1 36inch Storage Box Mounted on Passenger Side Shop to assembly and test all components prior to customer taking delivery
7			SubTotal
8	1	CV68-100BBL-F ET	FET on 100BBL vacuum system
9			Running SubTotal
10			ADDED OPTIONS
11	1	BL-AXLE-PK	Ohio Spec Lift Axle Kit- (2) 13,500 lift axles, additional air tank, (4) 8.25 x 22.5 polished alum wheels, (4) 255 x 22.5 tires, Installed
12	-1	DLR-DISC	Dealer discount

Capacity - 100 Barrel (4,200 Gallons)
 Tank Shell - 1/4" ASTM-A-36 Steel
 Tank Ends - 5/16" ASTM-A-36 Steel
 Tank Baffles - 1/4" ASTM-A-36 Steel
 Tank Runners - 3/8" ASTM-A-36, Full length of tank
 Tank Shape - 68" Circle
 Manhole - (1) 20" Round manway located at center rear of tank
 Rear Clean Out - 36" Round manway style clean out port
 Ladder - Left side with anti-slip rungs
 Fenders - Full length trough style fenders, Badger lining applied to complete fenders
 Level Indicators - Ball float level indicator, Mounted on side of tank
 Vacuum Gauge - 4" Liquid filled pressure/vacuum
 Rear Ports - (2) 4" coolant heated ports. (2) 4" Cam & Groove with safety cap & 1/2" drain. (1) Located center bottom rear tank head (1) Located bottom rear of tank

172" CT Required

2 1 Vacuum System

Media blast tank
 Primer base
 Topcoat- WHITE
 Badger line fenders and 20" up side of tank
 Interior lining- YES (Corlar 2.1)
 Vacuum System ~~Quad~~ NVE Challenger 608 Heavy duty vacuum
 380 cfm
 The NVE newly designed bi-rotational, four port oil pump is exclusive to our "oil management system" delivering the precise amount of oil required for any job. Factory preset to 8 ounces of oil per hour but easily adjustable to 5-24 ounces per hour.