

Model Profile

2007 4300 SBA 4X2 (MA025)

Service Body

Requested GVWR: 25999, Calc. GVWR: 27000

Calc. Start / Grade Ability: 18.50% / 2.87% @ 55 MPH

Calc. Geared Speed: 76.5 MPH

8.92 MPG @ 55 MPH

Wheelbase: 181.0, CA: 123.9, Axle to Frame: 75.0

{International DT466} 50 State, 245 HP, 620 lb-ft Torque @ 1400 RPM, 2600 RPM Governed Speed, # 2 Bell Housing

{Fuller FS-6406N} 6-Speed Manual; Fully Synchronized, Short Shift Stroke

{Eaton Fuller SAS1402} Two-Plate, Stamped Angle Spring; Ceramic, 14" Diameter, 7+1 Low Rate Damper, With 1.75" Spline, Mechanical Pull Type Control and With Kwik-Adjust

(Manual) Feature 860 lb-ft Torque Capacity

{Dana Spicer D800-F} I-Beam Type, 8,000-lb Capacity

{Dana Spicer 19060D} Single Reduction, 19,000-lb Capacity, With Driver Controlled Locking Differential, With "190" Wheel Ends Gear Ratio: 4.11

Conventional

(2) 11R22.5 G395 LHS (GOODYEAR) 504 rev/mile, load range G, 14 ply

(4) 11R22.5 G182 RSD (GOODYEAR) 496 rev/mile, load range G, 14 ply

{International} Ride Optimized Suspension (IROS); 20,000-lb Capacity, 9.25" Ride Height, With Shock Absorbers

Cab Schematic 100GA

Location 1: 9219, Winter White

Chassis Schematic N/A

Description

Base Chassis, Model 4300 SBA 4X2 with 191.0 Wheelbase, 123.9 CA, and 75.0 Axle to Frame.

FRAME RAILS High Strength Low Alloy Steel (80,000 PSI Yield); 10.250" x 3.092" x 0.375" (260.4mm x 78.5mm x 9.5mm); 427.0" (10846mm) Maximum OAL

BUMPER, FRONT Full Width, Aerodynamic, Steel; 0.142" Material Thickness

Includes

: **PLEASE NOTE:** Powder Coated Gray (Argent) Color

WHEELBASE RANGE 134" (340cm) Through and Including 197" (500cm)

AXLE, FRONT NON-DRIVING {Dana Spicer D800-F} I-Beam Type, 8,000-lb Capacity

SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 8,000-lb Capacity; With Shock Absorbers

Includes

: **SPRING PINS** Rubber Bushings, Maintenance-Free

BRAKE SYSTEM, AIR Dual System for Straight Truck Applications

Includes

: **AIR COMPRESSOR AIR SUPPLY LINE** International Engines Naturally-Aspirated

: **BRAKE CHAMBERS, SPRING (2)** Rear Parking

: **BRAKE LINES** Color Coded Nylon

: **DRAIN VALVE** Twist-Type

: **GAUGE, AIR PRESSURE** Air 1 and Air 2 Gauges; Located in Instrument Cluster

: **PARKING BRAKE VALVE** Color-Coded Yellow Knob, Located on Instrument Panel

: **SLACK ADJUSTERS, FRONT** Automatic

: **SLACK ADJUSTERS, REAR** Automatic

: **SPRING BRAKE MODULATOR VALVE**

AIR BRAKE ABS {Bendix AntiLock Brake System} Full Vehicle Wheel Control System (4-Channel)

AIR DRYER {Bendix AD-9} With Heater

BRAKES, FRONT, AIR CAM S-Cam; 15.0" x 4.0"; Includes 20 Sq. In. MGM Long Stroke Brake Chambers

BRAKES, REAR, AIR CAM 16.5" x 7.0"; Includes MGM TR3030 Long Stroke Brake Chamber and Heavy Duty Spring Actuated Parking Brake

AIR COMPRESSOR {Bendix Tu-Flo 550} 13.2 CFM Capacity

STEERING COLUMN Tilting

STEERING WHEEL 2-Spoke, 18" Diam., Black

STEERING GEAR {TRW (Ross) TAS-40} Power

EXHAUST SYSTEM Single, Horizontal, Stainless Steel Muffler with Internal Catalytic Converter, Aluminized Steel Vertical Tail Pipe, Tail Pipe Guard; Muffler Frame Mounted Right Side Under Cab; for 2004 Emissions Standards With International I6 Engines

ELECTRICAL SYSTEM 12-Volt, Standard Equipment

Includes

: **DATA LINK CONNECTOR** For Vehicle Programming and Diagnostics In Cab

: **FUSES, ELECTRICAL** SAE Blade-Type

: **HORN, ELECTRIC** Single

: **PARKING LIGHT** Integral with Front Turn Signal and Rear Tail Light

: **STARTER SWITCH** Electric Key Operated

: **STOP, TURN, TAIL & B/U LIGHTS** Dual, Rear, Combination with Reflector

: **TURN SIGNAL SWITCH** Self-Cancelling, Headlight Dimmer (With Flash-To-Pass Feature)

: **TURN SIGNALS, FRONT** Includes Reflectors and Auxiliary Side Turn Signals, Solid State Flashers; Flush Mounted

Description

: WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature, Integral with Turn Signal Switch
: WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted
: WIRING, CHASSIS Color Coded and Continuously Numbered

POWER SOURCE Cigar Type Receptacle without Plug and Cord

ALTERNATOR {Leece-Neville 8LHP2172VAH} Brush Type; 12 Volt 110 Amp, Capacity, Pad Mounted

BODY BUILDER WIRING Back of Standard Cab at Left Frame or Under Extended or Crew Cab at Left Frame;
Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/Accessory Power/Ground and Sealed
Connector for Stop/Turn

BATTERY SYSTEM {International} Maintenance-Free (2) 12-Volt 1300CCA Total.

RADIO {International} AM/FM Premium Stereo, With CD Player, Weatherband, Clock With Alarm, Satellite
Radio Compatible, With Multiple Coaxial Speakers

Includes

: SPEAKERS IN CAB (2) Coaxial with Deluxe Interior
: SPEAKERS IN CAB (4) Coaxial with Premium Interior

HORN, AIR {Grover} Black, Single Trumpet, Air Solenoid Operated, Mounted Behind Bumper on Right Rail

HEADLIGHTS Halogen; Composite Aero Design for Two Light System; Includes Daytime Running Lights

STARTING MOTOR {Leece-Neville M100R} 12-Volt; less Thermal Over-Crank Protection

GRILLE Chrome

FRONT END Tilting, Fiberglass, With Three Piece Construction

PAINT SCHEMATIC, PT-1 Single Color, Design 100

Includes

: PAINT SCHEMATIC ID-LETTERS "GA"

PAINT TYPE Base Coat/Clear Coat, 1-2 Tone

CLUTCH {Eaton Fuller SAS1402} Two-Plate, Stamped Angle Spring; Ceramic, 14" Diameter, 7+1 Low Rate
Damper, With 1.75" Splines, Mechanical Pull Type Control and With Kwik-Adjust(Manual) Feature 850 lb-ft
Torque Capacity

Includes

: CLUTCH RELEASE BEARING Greasable

ENGINE, DIESEL {International DT466} 50 State, 245 HP, 620 lb-ft Torque @ 1400 RPM, 2600 RPM Governed
Speed, # 2 Bell Housing

Includes

: COLD STARTING EQUIPMENT Intake Manifold Electric Grid Heater with Engine ECM Control
: CRUISE CONTROL Electronic; Controls Integral to Steering Wheel
: DAMPER, CRANKSHAFT Viscous
: ENGINE OIL DRAIN PLUG Magnetic
: ENGINE SHUTDOWN Electric, Key Operated
: FAN Optimized Position
: FUEL/WATER SEPARATOR and FUEL FILTER in a Single Assembly, Mounted on Engine
: GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted
: GOVERNOR Road Speed, Electronic
: OIL FILTER, ENGINE Spin-On Type
: WET TYPE CYLINDER SLEEVES

FAN DRIVE {Borg-Warner SA65} Viscous Screw On Type

Includes

: FAN Nylon

Description

RADIATOR Aluminum; 2-Row, Cross Flow, Over Under System, 553 SqIn Louvered, With 270 SqIn Charge Air Cooler, 4.25" Core

Includes

: ANTI-FREEZE Shell Rotella Extended Life Coolant -40F (-40C)
: DEAERATION SYSTEM with Surge Tank
: RADIATOR HOSES Premium, Rubber

FEDERAL EMISSIONS for 2004; for International VT365, DT466 and DT570 Engines

AIR CLEANER Dual Element

THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel

ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control for CEC II Electronic Engines

EXPANDED ENGINE TEMP EFFECTS to Allow Higher Engine Operating Temperature Range; Includes Nylon Surge Tank and 15 psi Pressure Cap

TRANSMISSION, MANUAL (Fuller FS-6406N) 6-Speed Manual; Fully Synchronized, Short Shift Stroke

Includes

: FILL PLUG, MAGNETIC

AXLE, REAR, SINGLE (Dana Spicer 19060D) Single Reduction, 19,000-lb Capacity, With Driver Controlled Locking Differential, With "190" Wheel Ends

Includes

: REAR AXLE DRAIN PLUG (1) Magnetic

SUSPENSION, REAR, AIR, SINGLE (International) Ride Optimized Suspension (IROS); 20,000-lb Capacity, 9.25" Ride Height, With Shock Absorbers

SUSPENSION LEVELING VALVE Dual Height; One Additional, for Air Ride Suspension

FUEL TANK Top Draw; D Style, Steel, 50 U.S. Gal., 189 L. Capacity, 16" Deep, With Quick Connect Outlet, Mounted Right Side, Under Cab

Includes

: FUEL LINES Nylon Tubing With O-Ring Snap-On Quick-Connect Fittings at Both Ends

CAB Conventional

Includes

: ARM REST (2) Molded Plastic, Smoke Gray; One Each Door
: CLEARANCE/MARKER LIGHTS (5) Flush Mounted
: COAT HOOK Located on Rear Wall, Centered Above Rear Window
: FLOOR COVERING Rubber, Black
: GLASS, ALL WINDOWS Tinted
: GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side
: GRAB HANDLE, CAB INTERIOR (2) "B" Pillar Mounted, One Each Side
: STEP (2) Two Steps Per Door

GAUGE CLUSTER English With English Electronic Speedometer

Includes

: GAUGE CLUSTER (5) Engine Oil Pressure (Electronic), Water Temperature (Electronic), Fuel (Electronic), Tachometer (Electronic), Voltmeter
: ODOMETER DISPLAY, Miles, Trip Miles, Engine Hours, Trip Hours, Fault Code Readout
: WARNING SYSTEM Low Fuel, Low Oil Pressure, High Engine Coolant Temp, and Low Battery Voltage (Visual and Audible)

Description

SEAT, DRIVER (National 2000) Air Suspension, High Back With Integral Headrest, Vinyl, Isolated, With 2 Position Front Cushion Adjustment, -3 to +14 Degree Seat Back Adjustment, Single Chamber Air Lumbar Support

Includes

: SEAT BELT 3-Point, Lap and Shoulder Belt Type

SEAT, TWO-MAN PASSENGER {Gra-Mag} With Two Integral Headrest, Vinyl, With Fixed Back, Less Under Seat Storage Compartment

Includes

: SEAT BELT (2) One 3-Point Shoulder Belt and One 2-Point Lap Belt (Center Position)

MIRRORS (2) {Lang Mekra} Rectangular, 7.44" x 14.84", Brackets Breakaway Type, With 102" Wide Spacing, With 7.44" sq. Convex Right Side Only

INSTRUMENT PANEL Center Section, Flat Panel

AIR CONDITIONER {International Blend-Air} With Integral Heater & Defroster

Includes

: HEATER HOSES Premium

: REFRIGERANT Hydrofluorocarbon HFC-134A

CAB INTERIOR TRIM Deluxe

Includes

: "A" PILLAR COVER Molded Plastic, Smoke Gray

: CAB INTERIOR TRIM PANELS Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat the Back Panel is Only Partially Covered and with a Full Bench Seat the Back Panel is

: CONSOLE, OVERHEAD Molded Plastic with Dual Storage Pockets and Retainer Nets and CB Radio Pocket; Smoke Gray with Black Netting Over Storage Pockets

: DOME LIGHT, CAB Rectangular, Door Activated, Timed Theater Dimming, Center Mounted, Integral to Console

: DOOR TRIM PANELS (2) Molded Plastic; Driver and Passenger Doors

: HEADLINER Printed Cloth

: INSTRUMENT PANEL TRIM Molded Plastic, Drawbridge Gray with Black Center Section, Hidden Cup Holder and Ash Tray (Pull-Out)

: STORAGE POCKET, DOOR (1) Molded Plastic, Smoke Gray, Full-Length; Driver Door

: SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console

WHEELS, FRONT DISC; 22.5" Painted Steel, 2 Hand Hole, 10 Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs.

Includes

: PAINT IDENTITY, FRONT WHEELS White

: WHEEL SEALS, FRONT Grease Lubricated, Includes Wheel Bearings

WHEELS, REAR DUAL DISC; 22.5" Painted Steel, 2 Hand Hole, 10-Stub (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs

Includes

: PAINT IDENTITY, REAR WHEELS White

: WHEEL SEALS, REAR Oil Lubricated, Includes Wheel Bearings

(4) TIRE, REAR 11R22.5 G182 RSD (GOODYEAR) 496 rev/mile, load range G, 14 ply

(2) TIRE, FRONT 11R22.5 G395 LHS (GOODYEAR) 504 rev/mile, load range G, 14 ply

Cab Schematic 100GA

Location 1: 9219, Winter White