

Model Profile

2017 4300 SBA 4X2 (MA025)

MISSION: Requested GVWR: 33000. Calc. GVWR: 33000

DIMENSION: Wheelbase: 205.00, CA: 137.90, Axle to Frame: 114.00

ENGINE, DIESEL: {Cummins ISB 325} EPA 2010, 325 HP @ 2600 RPM, 750 lb-ft Torque @ 1800 RPM, 2600 RPM Governed Speed, 325 Peak HP (Max)

TRANSMISSION,

AUTOMATIC:

{Allison 3500_RDS_P} 5th Generation Controls; Wide Ratio, 6-Speed, with Double Overdrive; On/Off Hwy; Includes Oil Level Sensor, with PTO Provision, Less Retarder, with 80,000-lb GVW & GCW Max.

CLUTCH: Omit Item (Clutch & Control)

AXLE, FRONT NONDRIVING:

{Meritor MFS-10-122A} I-Beam Type, 10,000-lb Capacity

AXLE, REAR, SINGLE: {Meritor RS-23-161} Single Reduction, 23,000-lb Capacity, Driver Controlled Locking Differential, 200 Wheel Ends Gear Ratio: 6.14

CAB: Conventional

TIRE, FRONT: (2) 11R22.5 Load Range G XZE2 (MICHELIN), 501 rev/mile, 75 MPH, All-Position

TIRE, REAR: (4) 11R22.5 Load Range G XDE M/S (MICHELIN), 498 rev/mile, 75 MPH, Drive

SUSPENSION, RR, SPRING,

SINGLE:

Vari-Rate; 31,000-lb Capacity, with 4500 lb Auxiliary Rubber Spring

PAINT: Cab schematic 100GA

Location 1: 9219, Winter White (Std)

Chassis schematic N/A

Description

Base Chassis, Model 4300 SBA 4X2 with 205.00 Wheelbase, 137.90 CA, and 114.00 Axle to Frame.

TOW HOOK, FRONT (2) Frame Mounted

FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.375" x 3.705" x 0.438" (263.5mm x 94.1mm x 11.1mm); 456.0" (11582mm) Maximum OAL

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

CROSSMEMBER, REAR, AF (1)

WHEELBASE RANGE 199" (505cm) Through and Including 254" (645cm)

AXLE, FRONT NON-DRIVING {Meritor MFS-10-122A} I-Beam Type, 10,000-lb Capacity

SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 10,000-lb Capacity; with Shock Absorbers

BRAKE SYSTEM, AIR Dual System for Straight Truck Applications

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

Automatic Traction Control

AIR DRYER {Bendix AD-IP} with Heater

BRAKE CHAMBERS, FRONT AXLE {Bendix} 20 SqIn

BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 Spring Brake

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

Description continued

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
AIR COMPRESSOR {Cummins} 18.7 CFM Capacity
AIR DRYER LOCATION Mounted Outside Right Rail, Forward of Front Wheel
DUST SHIELDS, FRONT BRAKE for Air Brakes
DUST SHIELDS, REAR BRAKE for Air Brakes
AIR TANK LOCATION (2) : One Mounted Under Each Frame Rail, Front of Rear Suspension, Parallel to Rail
STEERING COLUMN Tilting and Telescoping
STEERING WHEEL 2-Spoke, 18" Dia., Black
STEERING GEAR {TRW (Ross) TAS66} Power
EXHAUST SYSTEM Switchback Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab; Includes Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab, for Right Side PTO Applications
TAIL PIPE (1) Turnback Type, Bright, for Single Exhaust
SWITCH, FOR EXHAUST 2 Position, Lighted & Latching, On/Off Type, Mounted in IP, Inhibits Diesel Particulate Filter Regeneration as Long as Switch is in On Position
ELECTRICAL SYSTEM 12-Volt, Standard Equipment
CIGAR LIGHTER Includes Ash Cup
HORN, ELECTRIC (2) Disc Style
ALTERNATOR {Leece-Neville AVI160P2013} Brush Type; 12 Volt 160 Amp. Capacity, Pad Mount, with Remote Sense
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, (3) 12-Volt 1950CCA Total
RADIO AM/FM/WB/Clock/Bluetooth/USB Input/3MM Auxiliary Input, MP3, Apple Device Play & Control, Bluetooth for Phone & Music, with Multiple Speakers
HORN, AIR Black, Single Trumpet, Air Solenoid Operated
BATTERY BOX Steel, with Fiberglass Cover, Mounted 53" Back of Cab, Left Side Perpendicular to Frame Rail
HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on
STARTING MOTOR {Delco Remy 38MT Type 300} 12 Volt; less Thermal Over-Crank Protection INDICATOR, LOW COOLANT LEVEL with Audible Alarm
HEADLIGHTS Halogen; Composite Aero Design for Two Light System
GRILLE Chrome
FRONT END Tilting, Fiberglass, with Three Piece Construction
PAINT SCHEMATIC, PT-1 Single Color, Design 100
PAINT TYPE Base Coat/Clear Coat, 1-2 Tone
CLUTCH Omit Item (Clutch & Control)
ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection
BLOCK HEATER, ENGINE 120V/1000W, for Cummins ISB/B6.7/ISL/L9 Engines
ENGINE, DIESEL {Cummins ISB 325} EPA 2010, 325 HP @ 2600 RPM, 750 lb-ft Torque @ 1800 RPM,
2600 RPM Governed Speed, 325 Peak HP (Max)
FAN DRIVE {Borg-Warner SA85} Viscous Type, Screw On

Description continued

FEDERAL EMISSIONS {Cummins ISB} EPA, OBD and GHG Certified for Calendar Year 2016
RADIATOR Aluminum; 2-Row, Cross Flow, Over Under System, 717 SqIn Louvered, with 313 SqIn Charge Air Cooler. with In-Tank Transmission Cooler
AIR CLEANER with Service Protection Element
THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings; Mounted on Steering Wheel
OIL PAN 15 Quart Capacity, For Cummins ISB/B6.7 Engines
EMISSION COMPLIANCE Low NOx Idle Engine, Complies with California Clean Air Regulations; Includes "Certified Clean Idle" Decal located on Driver Door
ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; with Ignition Switch Control for Cummins ISB/B6.7 or ISL/L9 Engines
TRANSMISSION, AUTOMATIC {Allison 3500_RDS_P} 5th Generation Controls; Wide Ratio, 6-Speed, with Double Overdrive; On/Off Hwy; Includes Oil Level Sensor, with PTO Provision, Less Retarder, with 80,000-lb GVW & GCW Max.
TRANSMISSION SHIFT CONTROL {Allison} Push-Button Type; for Allison 3000 & 4000 Series Transmission
TRANSMISSION OIL Synthetic; 29 thru 42 Pints
AUTOMATIC NEUTRAL Allison WT Transmission Shifts to Neutral When Parking Brake is Engaged and Remains in Neutral When Parking Brake is Disengaged
ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks Modified for Single Input Auto Neutral
SHIFT CONTROL PARAMETERS Allison 3000 or 4000 Series Transmissions, 5th Generation Controls, Performance Programming
PTO LOCATION Dual, Left and Right Side of Transmission
AXLE, REAR, SINGLE {Meritor RS-23-161} Single Reduction, 23,000-lb Capacity, Driver Controlled Locking Differential, 200 Wheel Ends . Gear Ratio: 6.14
SUSPENSION, RR, SPRING, SINGLE Vari-Rate; 31,000-lb Capacity, with 4500 lb Auxiliary Rubber Spring
FUEL/WATER SEPARATOR {Racor 400 Series,} 12 Volt Pre-Heater, with Primer Pump, and WIF Sensor
LOCATION FUEL/WATER SEPARATOR Mounted Outside Left Rail 8" Back of Cab
FUEL TANK Top Draw; D-Style, Non-Polished Aluminum, 19" Deep, 50 U.S. Gal., 189 L Capacity, with Quick Connect Outlet, Mounted Left Side, Under Cab
DEF TANK 7 U.S. Gal. 26.5L Capacity, Frame Mounted Outside Left Rail, Under Cab
CAB Conventional
GAUGE CLUSTER English with English Electronic Speedometer
GAUGE, OIL TEMP, AUTO TRANS , for Allison Transmission
IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster
GAUGE, DEF FLUID LEVEL
SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, with 2 Position Front Cushion Adjust, -3 to +14 Degree Angle Back Adjust
SEAT, PASSENGER {National} Non Suspension, High Back with Integral Headrest, Vinyl, with Fixed Back, with Under Seat Storage
GRAB HANDLE Chrome; Towel Bar Type with Anti-Slip Rubber Inserts; for Cab Entry Mounted Left Side Only at "B" Pillar
MIRRORS (2) {Lang Mekra} Rectangular, Thermostatically Controlled Heated Heads, Bright Finish

Description continued

Heads, with Black Brackets and Arms, Breakaway Type, 7.55" x 14.1" Integral Convex Both Sides, 102"
Inside Spacing,
SEAT BELT All Red; 1 to 3
CAB MOUNTING HEIGHT EFFECTS Mid Cab in Lieu of Low Cab Mounting Height (Approx. 4") with Cab Air Suspension
ARM REST, RIGHT, DRIVER SEAT
AIR CONDITIONER {Blend-Air} with Integral Heater & Defroster
INSTRUMENT PANEL Center Section, Flat Panel
WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature
HVAC FRESH AIR FILTER
CAB INTERIOR TRIM Premium
CAB REAR SUSPENSION Air Bag Type
SUNSHADE, EXTERIOR Aerodynamic, Painted Roof Color; Includes Integral Clearance/Marker Lights
WHEELS, FRONT DISC; 22.5x8.25 Rims, Polished Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
WHEELS, REAR DUAL DISC; 22.5x8.25 Rims, Polished Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
BDY INTG, PTO ACCOMMODATION for (3) Latched Rocker Switches, (1) PTO Switch, (2) Generic Switches to Control (3) 30 amp relays, with Programmable Interlocks, for Body Builder Hook up in the Engine Compartment Left Side, Recommended for Automatic Transmissions

(4) TIRE, REAR 11R22.5 Load Range G XDE M/S (MICHELIN), 498 rev/mile, 75 MPH, Drive
(2) TIRE, FRONT 11R22.5 Load Range G XZE2 (MICHELIN), 501 rev/mile, 75 MPH, All-Position

Services Section:

WARRANTY Standard for Durastar 1000/4000 Series, Effective with Vehicles Built January 2, 2015
or
Later, CTS-2475P