

INTERNATIONAL®

February 28, 2017

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, 200 Wheel

Ends, Driver Controlled Locking Differential 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

Vehicle Specifications

2017 4300 SBA 4X2 (MA025)

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)

Description continued

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
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

Description continued

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

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

Description continued

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, 200 Wheel Ends,

Driver Controlled Locking Differential . 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

Description continued

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

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