

Model Profile

2016 4400 SBA 4X2 (MA035) Black Cab

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

DIMENSION: Wheelbase: 254.00, CA: 186.90, Axle to Frame: 120.00

ENGINE, DIESEL: {MaxxFace 9} EPA 2010, 315 HP @ 2000 RPM, 950 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 315 Peak HP (Max)

TRANSMISSION,

AUTOMATIC:

{Allison 3000_RDS_P} 5th Generation Controls; Close 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-10-143A} Wide Track, I-Beam Type, 10,000-lb Capacity

AXLE, REAR, SINGLE: {Meritor RS-23-186} Single Reduction, 23,000-lb Capacity, Driver Controlled Locking Differential, 200 Wheel Ends Gear Ratio: 6.14

CAB: Conventional

TIRE, FRONT: (2) 11R22.5 G661 HSA (GOODYEAR) 497 rev/mile, load range G, 14 ply

TIRE, REAR: (4) 11R22.5 Load Range G HDR2 (CONTINENTAL), 491 rev/mile, 75 MPH, Drive

SUSPENSION, REAR, AIR,

SINGLE:

{Hendrickson HAS 230} 23,000-lb Capacity, 9.5" Ride Height, with Shock Absorbers

PAINT: Cab schematic 100GA

Location 1: 0031, Black Magic Pearl Metallic (Prem)

Chassis schematic N/A

Description

Base Chassis, Model 4400 SBA 4X2 with 254.00 Wheelbase, 186.90 CA, and 120.00 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, Steel; 0.142" Material Thickness

CROSSMEMBER, REAR, AF (1)

SUBSTITUTE BILL OF MATERIAL Inmagusa Frame Rails ILO Metalsa Frame Rails

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

BRACKET, CAB MOUNT Heavy Duty

AXLE, FRONT NON-DRIVING {Meritor MFS-10-143A} Wide Track, 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)

Description continued

AIR DRYER {Bendix AD-9} with Heater

BRAKE CHAMBERS, FRONT AXLE {Haldex} 20 SqIn

BRAKE CHAMBERS, REAR AXLE {Haldex GC3030LHDHO} 30/30 Spring Brake

BRAKES, FRONT, AIR CAM S-Cam; 16.5" x 5.0"; 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 {Bendix Tu-Flo 550} 13.2 CFM Capacity

DUST SHIELDS, FRONT BRAKE for Air Brakes
DUST SHIELDS, REAR BRAKE for Air Brakes
STEERING COLUMN Tilting
STEERING WHEEL 2-Spoke, 18" Dia., Black
STEERING GEAR {Sheppard HD94} Power
EXHAUST SYSTEM Single, Horizontal, Aftertreatment Device, Frame Mounted Outside Right Rail Under Cab, Includes Vertical Tail Pipe and Guard
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
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
TURN SIGNAL SWITCH with Hazard Flasher Overrides Brake, To be Done with Programming System
Controller
HORN, ELECTRIC Disc Style
HORN, AIR Black, Single Trumpet, Air Solenoid Operated
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
PAINT CLASS Premium Color

Description continued

CLUTCH Omit Item (Clutch & Control)
OIL FILTER, ENGINE {Hudgins Model 960 Spinner}
ENGINE, DIESEL {MaxxForce 9} EPA 2010, 315 HP @ 2000 RPM, 950 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 315 Peak HP (Max)
FAN DRIVE {Borg-Warner SA85} Viscous Type, Screw On
RADIATOR Aluminum; 2-Row, Cross Flow, Over Under System, 1045 SqIn Louvered, with 373 SqIn CAC, with 369 SqIn LTR, with In-Tank Transmission Oil Cooler
FEDERAL EMISSIONS EPA, OBD and GHG Certified for Calendar Year 2015; MaxxForce 9 & MaxxForce 10 Engines
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
ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; with Ignition Switch Control for MaxxForce and Navistar post 2007 Emissions Electronic Engines
FAN DRIVE SPECIAL EFFECTS Fan Cooling Ring with Fan Shroud Effects, Engine Mounted

BLOCK HEATER, ENGINE {Phillips} 120V/1250W, with "Y" Cord From Socket in Standard Location, For a Dealer Installed Oil Pan Heater
EMISSION COMPLIANCE 5 Min., Tamper-Proof Engine Shutdown System, Complies with California Clean Air Regulations, Does Not Certify Engine for Low-NOx Extended Idling
TRANSMISSION, AUTOMATIC {Allison 3000_RDS_P} 5th Generation Controls; Close 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
ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction
SHIFT CONTROL PARAMETERS Allison 3000 or 4000 Series Transmissions, 5th Generation Controls, Performance Programming
AXLE, REAR, SINGLE {Meritor RS-23-186} Single Reduction, 23,000-lb Capacity, Driver Controlled Locking Differential, 200 Wheel Ends . Gear Ratio: 6.14
SUSPENSION, REAR, AIR, SINGLE {Hendrickson HAS 230} 23,000-lb Capacity, 9.5" Ride Height, with Shock Absorbers
FUEL/WATER SEPARATOR with Thermostatic Fuel Temperature Controlled Electric Heater, and Filter
Restriction/Change Indicator, Includes Standard Equipment Water-in-Fuel Sensor
FUEL TANK Top Draw; D-Style, Non-Polished Aluminum, 16" Tank Depth, 50 U.S. Gal., 189 L Capacity, with Quick Connect Outlet, Mounted Left Side, Under Cab
CAB Conventional

Description continued

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
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
GRAB HANDLE Chrome; Towel Bar Type with Anti-Slip Rubber Inserts; for Cab Entry Mounted Left Side Only at "B" Pillar
SEAT, PASSENGER {National} Non Suspension, High Back, Fixed Back, Integral Headrest, Vinyl
MIRRORS (2) {Lang Mekra} Rectangular, Thermostatically Controlled Heated Heads, Black Heads, Brackets and Arms, Breakaway Type, 7.55" x 14.1" Integral Convex Both Sides, 102" Inside Spacing
CAB MOUNTING HEIGHT EFFECTS Mid Cab in Lieu of Low Cab Mounting Height (Approx. 4") for Increased Cooling System Requirements
AIR CONDITIONER {Blend-Air} with Integral Heater & Defroster
INSTRUMENT PANEL Center Section, Flat Panel
CAB INTERIOR TRIM Premium
CAB REAR SUSPENSION Air Bag Type
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
(4) TIRE, REAR 11R22.5 Load Range G HDR2 (CONTINENTAL), 491 rev/mile, 75 MPH, Drive
(2) TIRE, FRONT 11R22.5 G661 HSA (GOODYEAR) 497 rev/mile, load range G, 14 ply

Services Section:

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