

**Description**

Base Chassis, Model LoneStar with 203.00 Wheelbase, 112.00 CA, and 53.00 Axle to Frame.

FRAME RAILS WITH TAPERED REAR

AXLE CONFIGURATION {Navistar} 6x4

FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.875" x 3.893" x 0.312" (276.2mm x 98.9mm x 8.0mm); 434.0" (11021mm) Maximum OAL

BUMPER, FRONT Aerodynamic, Aluminum, Stainless Steel Clad, with Painted Plastic Filler Panels

WHEELBASE RANGE 167" (425cm) Through and Including 205" (520cm)

AXLE, FRONT NON-DRIVING {Hendrickson Steertek NXT} Wide Track, Fabricated Type, 12,350-lb Capacity

SUSPENSION, FRONT, SPRING Monoleaf, Shackle Type, 12,350-lb Capacity, with Shock Absorbers

BRAKE SYSTEM, AIR Dual System for Tractor Applications

**Includes**

: BRAKE LINES Color and Size Coded Nylon  
: BRAKE PRESSURE INDICATOR Low Air Pressure Warning Light and Audible Alarm  
: DRAIN VALVE Manually Operated (On Wet Tank Only)  
: GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster  
: GLAD HANDS (2) One for Service and One for Emergency; Trailer Hoses from Cab  
: HAND CONTROL VALVE, AIR with Self Return Handle, for Trailer Brakes, Mounted in Instrument Panel  
: HOSE TENDER Back of Cab Mounted  
: PARKING BRAKE CONTROL Yellow and Red Knobs, Located on Instrument Panel  
: PARKING BRAKE VALVE Combination Valve for Tractor and Trailer  
: QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for Forward Rear Axle  
: TRACTOR PROTECTION VALVE

AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Electronic Stability Program, with Automatic Traction Control

AIR DRYER {Bendix AD-IS} with Heater, Includes Pressure Protection Circuits, Safety Valve, Integral Purge Tank, Integrated PuraGuard Coalescing Filtration

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

**Includes**

: BRAKE CHAMBERS, POSITION (2) Rear Parking; WITH TRUCK BRAKES: All 4x2, 4x4; WITH TRACTOR BRAKES: All 4x2, 4x4; 6x4 & 6x6 with Rear Tandem Axles Less Than 46,000-lb. or GVWR Less Than 54,000-lb.  
: BRAKE CHAMBERS, POSITION (4) Rear Parking; WITH TRUCK BRAKES: All 6x4, 6x6; WITH TRACTOR BRAKES: 6x4 & 6x6 with Rear Tandem Axles 46,000-lb. or Greater or GVWR of 54,000-lb. or Greater

BRAKE CHAMBERS, FRONT AXLE {Bendix} 24 SqiIn

BRAKE, PARKING Manual Push-Pull Pneumatic Parking Brake

SLACK ADJUSTERS, FRONT {Gunite} Automatic

SLACK ADJUSTERS, REAR {Gunite} Automatic

AIR COMPRESSOR {Cummins} 18.7 CFM

AIR TANK Painted Aluminum, with Straight Thread O-Ring Ports

AIR TANK LOCATION (2) Mounted Under Battery Box, Outside Left Rail, Under Cab; Perpendicular to Rail

TRAILER HOSES AND CABLES {Erich Jaeger} Coiled, Phillips Nylon Hose, 15' Working Length, 24" Tractor Lead Length, 6" Trailer Lead Length, Aluminum Glad Hands with Rubber Seals, Lighting Cable with Polypropylene Composite Plug

BRAKES, REAR {Meritor 16.5X7 Q-PLUS LW} Air S-Cam Type, Fabricated Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 7", 20,000-lb Capacity per Axle

**Description**

BRAKES, FRONT {Meritor 16.5X5 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 5", 14,700-lb Capacity

PARK BRAKE CHAMBERS, ADDITIONAL (2) Spring Brake Type

STEERING COLUMN Tilting and Telescoping

STEERING WHEEL 4-Spoke; 18" Dia., Black Leather Wrapped

STEERING GEAR {Sheppard HD94} Power

POWER STEERING OIL COOLER Remote Mounted

DRIVELINE SYSTEM {Dana Spicer} SPL250 Main Driveline with SPL170 Interaxle Shaft, for 6x4

AFTERTREATMENT COVER Polished Aluminum

EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Right Side Under Cab, for Dual Vertical Tail Pipes, Frame Mounted Back of Cab

ENGINE COMPRESSION BRAKE {Cummins} Interbrake For Cummins Signature/ISX/X15 Engines; Furnished with Engine

MUFFLER/TAIL PIPE GUARD (2) Bright Stainless Steel

EXHAUST HEIGHT 10'

TAIL PIPE (2) Straight Type, Bright

ELECTRICAL SYSTEM 12-Volt, Standard Equipment

**Includes**

: DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab

: HAZARD SWITCH Push On/Push Off, Located on Instrument Panel to Right of Steering Wheel

: HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever

: HORN, ELECTRIC Single

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

: POWER SOURCE Cigar Type Receptacle with Cap, USB Port, Located in Instrument Panel

: STARTER SWITCH Electric, Key Operated

: TURN SIGNAL SWITCH Manual Cancelling with Lane Change Feature

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

: WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever

: WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted

: WIRING, CHASSIS Color Coded and Continuously Numbered

ALTERNATOR {Leece-Neville AV1160P2013} Brush Type, 12 Volt, 160 Amp Capacity, Pad Mount

BATTERY SYSTEM {Fleetrite} Maintenance-Free, (3) 12-Volt 1980CCA Total, Top Threaded Stud

CB RADIO Omit Power Feeds, Power Source and Wiring

SPEAKERS (2) 6.5" Dual Cone Mounted in Doors

RADIO AM/FM/WB/Clock/USB Input/Auxiliary Input

STOP, TURN, TAIL & B/U LIGHTS {Truck Lite} Super 44, with LED Lights for Stop, Turn, Tail and Backup Lights, with Power Module, "International" Termination and Less Junction Box, Includes License Plate Light

COLLISION MITIGATION SYSTEM Omit

BATTERY BOX COVER Polished Aluminum

LIGHT, WORK Pedestal Mounted, Back of Cab, with Switch on Instrument Panel

TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights

HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on

**Description**

FOG LIGHTS (2) Clear, Halogen, Round

HEADLIGHT WARNING BUZZER Sounds When Head Light Switch is on and Ignition Switch is in "Off" Position

STARTING MOTOR {Mitsubishi Electric Automotive America 105P} 12-Volt, with Soft-Start

CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses

BATTERY BOX Aluminum, 30" Wide, 2-4 Battery Capacity, Mounted Left Side Under Cab

HORN, AIR Single Trumpet, Black, with Lanyard Pull Cord

POWER SOURCE, ADDITIONAL Auxiliary Power Outlet (APO) with USB Port, Located in the Instrument Panel

SWITCH, MARKER INTERRUPT for Marker Lights and Headlights, Located in Steering Wheel

HEADLIGHTS Halogen, with Daytime Running Lights, Automatic Twilight Controlled

CONNECTOR, DASH, CENTER PANEL Cab Wiring for TMC RP1226 Vehicle Accessory Connector; Includes 14-pin Connector with Switched Power, Battery Power, Ignition Power, Ground & Body 250K Datalink, Connector Located Behind Instrument Panel Center Console

LOGOS EXTERIOR Model Badges

LOGOS EXTERIOR, ENGINE Badges

FRONT END Tilting, Mounted to Chassis Front and Rear, Independent of Cab

PAINT SCHEMATIC, PT-1 Single Color, Design 100

**Includes**

: PAINT SCHEMATIC ID LETTERS "HX"

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

INTELLIGENT FLEET CARE Telematics Device with Over the Air Programming; Includes Five Year Data Plan, Advanced Preventive Maintenance, Fleet Health Monitor Reporting and International 360

FIFTH WHEEL, STATIONARY {Fontaine SL6FMA-D64-1} 6.69" Above Top Of Frame, with Tilt Stops, Left Hand Release

MUD FLAP HOLDER {Betts B-35} .640" Square, 45-Degree End, Aluminum Plate with Red and White Reflective Tape, Less Flaps

MUD FLAPS, REAR Black Poly, Anti-Sail, with Upper Corners Cut Off at 45-Degrees, Less Holders, Mounting Holes in Flaps for Betts B-35 Brackets

CLUTCH {Eaton Fuller Advantage} Self-Adjusting, 15.5" Dia Two-Plate, Cast Angle Spring, Ceramic, 7-Spring Coaxial VCT Plus Damper with Pre-Damper, 2"-10 Tooth Spline, Mechanical Pull-Type Control, 4-Button Disc, 1750 lb-ft Torque Capacity

CLUTCH EFFECTS Hydraulic Clutch Actuation System

ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection

ENGINE, DIESEL {Cummins X15 450} Efficiency Series, EPA 2021, 450HP @ 1700 RPM, 1650 lb-ft Torque @ 950 RPM, 1700 RPM Governed Speed, 461 Peak HP (Max)

FAN DRIVE {Horton Drivemaster} Two-Speed Type, Direct Drive, with Residual Torque Device for Disengaged Fan Speed

RADIATOR Aluminum, Welded, Front to Back System, 1361 SqIn, with 740.5 SqIn Charge Air Cooler

AIR CLEANER Dual, D-Shaped, Hybrid Polished Stainless Steel and PCABS, Plastic Lids, One Mounted on Each Side of Cowl Ahead of the Doors

**Includes**

: AIR CLEANER MISCELLANEOUS with Vac-Valve

EMISSION, CALENDAR YEAR {Cummins X15} EPA, OBD and GHG Certified for Calendar Year 2022

HOSE CLAMPS, RADIATOR HOSES {Gates} Shrink Band Type

**Description**

RADIATOR DRAIN & FILL FITTING SPECIAL; To Vacuum Out or Fill the Cooling System from the Bottom of Radiator, for Use with Quick-Connect Radiator Drain Tool or Shop Coolant Evacuation-Fill System

CARB IDLE COMPLIANCE Federal, Does Not Comply with California Clean Air Idle Regulations

CRUISE CONTROL Predictive, Includes GPS Enhanced Cruise Control; Includes Module, Antenna and Wiring

CARB EMISSION WARR COMPLIANCE Federal, Does Not Comply with CARB Emission Warranty

TRANSMISSION, MANUAL {Fuller FRO-16210C} 10-Speed Manual, Overdrive, Air Shift, Internal Lube Oil Pump

CLUTCH HOUSING Aluminum; Available with 1350 to 2050 lb-ft Capacity Fuller Transmissions

OIL COOLER MANUAL TRANSMISSION Water to Oil Type Included in Radiator End Tank (REQUIRES TRANSMISSION LUBE PUMP)

TRANSMISSION OIL {EmGard 40W} Synthetic; 22 thru 33.99 Pints

PTO LOCATION Customer Does Not Intend to Install PTO

AXLE, REAR, TANDEM {Meritor MT-40-14X-3CFR} Single Reduction, Amboid Gearing in Rear-Rear Axle, 40,000-lb Capacity, .374"(9.5mm) Wall Housing Thickness, R Wheel Ends . Gear Ratio: 3.42

**Includes**

: POWER DIVIDER LOCK Electric over Air Operated, Cab Control with Indicator Light

SUSPENSION, REAR, AIR, TANDEM {International} Ride Optimized Suspension (IROS), 40,000-lb Capacity, 52" Axle Spacing, 9.25" Ride Height, with Shock Absorbers

AXLE, REAR, LUBE {EmGard FE-75W-90} Synthetic Oil; 50 thru 64.99 Pints

DEF TANK COVER Stainless Steel

FUEL TANK (2) Top Draw, Non-Polished Aluminum, 26" Dia, 70 US Gal (265L); Total Capacity 140 US Gal (530L), with Dual Supply and Return Lines, Less Equalizer Line, Mounted Left and Right Side, Back of Cab/Under Sleeper

FUEL/WATER SEPARATOR {Davco Fuel Pro 382} Includes Water-in-Fuel Sensor

**Includes**

: LOCATION FUEL/WATER SEPARATOR Mounted Left Rail in Wheel Well

FUEL HEATER {Cummins} Omit Plumbing for TRV on Cummins Engines

DEF TANK 10.6 US Gal (40L) Capacity, Frame Mounted Outside Left Rail, Back of Cab/Under Sleeper

CAB Conventional, Day Cab

**Includes**

: CLEARANCE/MARKER LIGHTS (5) LED, Flush Mounted

: COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window

: CONSOLE, CENTER Includes Two Cup Holders and One Additional Storage Area

: COURTESY LIGHT (2) Driver and Passenger Door Mounted

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

: FLOOR COVERING Rubber, Black

: GLASS, ALL WINDOWS Tinted

: GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side

: GRAB HANDLE, CAB INTERIOR (4) "B" Pillar and Door Mounted, Two Each Side

: INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior Color

: READING LIGHT, CAB Located in Overhead Console

: STORAGE POCKET, DOOR (2) Full Length, Driver and Passenger Door

AIR CONDITIONER with Integral Heater and Defroster

**Includes**

: HOSE CLAMPS, HEATER HOSE Mubea Constant Tension Clamps

**Description**

GAUGE CLUSTER Premium Level; English with English Electronic Speedometer

**Includes**

: GAUGE CLUSTER DISPLAY: Base Level (3" Monochromatic Display), Premium Level (5" LCD Color Display); Odometer, Voltmeter, Diagnostic Messages, Gear Indicator, Trip Odometer, Total Engine Hours, Trip Hours, MPG, Distance to Empty/Refill for  
: GAUGE CLUSTER Speedometer, Tachometer, Engine Coolant Temp, Fuel Gauge, DEF Gauge, Oil Pressure Gauge, Primary and Secondary Air Pressure  
: WARNING SYSTEM Low Fuel, Low DEF, Low Oil Pressure, High Engine Coolant Temp, Low Battery Voltage (Visual and Audible), Low Air Pressure (Primary and Secondary)

GAUGE, TEMPERATURE, AMBIENT Sensor Wiring with Display Unit Mounted in Cluster

SEAT, DRIVER {National 2000 Model 195} Air Suspension, High Back, Vinyl Boxing with Cloth Facing, 2 Arm Rests, Isolator, 7" Adjuster, 1 Chamber Lumbar, 2 Way Front Cushion Adjust, 3-14 Degree Back Angle Adjust

SEAT, PASSENGER {National 2000} Non Suspension, High Back, Vinyl Boxing with Cloth Facing, 11 Degree Back Angle

MIRRORS (2) Aero Pedestal, Power Adjust, Heated, Bright Heads, Black Arms, 6.5" x 14" Flat Glass, Includes 6.5" x 6" Convex Mirrors, for 102" Load Width

**Notes**

: Mirror Dimensions are Rounded to the Nearest 0.5"

CAB INTERIOR TRIM Diamond, for Day Cab

**Includes**

: DOOR TRIM, INTERIOR Bright Handle  
: INSTRUMENT PANEL TRIM Black with Woodgrain Accent, Black Gauges with Chrome Bezels  
: SUN VISOR (4) Padded Vinyl, 2 Moveable (Front-to-Side) Primary Visors and 2 Flip-down Auxiliary Visors; Vanity Mirrors and Toll Ticket Straps Driver and Passenger Sides

MONITOR, TIRE PRESSURE Omit

WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature

KEYLESS ENTRY SYSTEM REMOTE with Panic and Auxiliary Buttons, Includes One Key Fob (Transmitter)

LOW WASHER FLUID INDICATOR

INSTRUMENT PANEL Wing Panel

ACCESS, CAB Bright Aluminum, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab or Sleeper Cab

WHEELS, FRONT {Accuride 42644} DISC; 22.5x8.25 Rims, Standard Polish Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Aluminum Hubs

WHEELS, REAR {Accuride 42644} DUAL DISC; 22.5x8.25 Rims, Standard Polish Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Aluminum Hubs

PAINT FRONT BUMPER FILLER PNL Single Color; Same as Number One Cab Schematic Color

(2) TIRE, FRONT 11R22.5 Load Range G HSR2 (CONTINENTAL), 498 rev/mile, 75 MPH, All-Position

(8) TIRE, REAR 11R22.5 Load Range G HSR2 (CONTINENTAL), 498 rev/mile, 75 MPH, All-Position

FIFTH WHEEL LOCATION 04.0" Ahead of Rear Axle Centerline

**Services Section:**

WARRANTY Standard for LT/RH Series, Effective with Vehicles Built January 2, 2016 or Later, CTS-2010A

**Body/Allied Equipment****Description****Goods Purchased****Description**

Description

- PTE Locals
- CY23 Tire surcharge
- CY23 Raw materials surcharge