HV

SERIES HEAVY DUTY

HV613 SBA

STANDARD EQUIPMENT

MODEL CODE: HV61300 LIST PRICE:

01 FRAMES

- 01ANA AXLE CONFIGURATION {Navistar} 4x2
 - NOTE: Pricing may change if axle configuration is changed.
- 01CBU FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.125" x 3.580" x 0.312" (257.2mm x 90.9mm x 8.0 mm); 480.0" (12192)
- Maximum OAL 01LLA - BUMPER, FRONT Swept Back, Steel, Heavy Duty 01WHJ - WHEELBASE RANGE 128" (325cm) Through and Including 146" (370cm)

02 AXLE, FRONT

02ARW - AXLE. FRONT NON-DRIVING {Meritor MFS-12-143A} Wide Track, I-Beam Type, 12,000-lb Capacity

03A SUSPENSION, FRONT

03ADC - SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 12,000-lb Capacity, with Shock Absorbers

04 BRAKES

- 04091 BRAKE SYSTEM, AIR Dual System for Straight Truck Applications
 - BRAKE LINES Color and Size Coded Nylon
 - * DRAIN VALVE Twist-Type
 - * GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster
 - * PARKING BRAKE CONTROL Yellow Knob. Located on Instrument Panel
 - PARKING BRAKE VALVE For Truck
 - * QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6 x 4
 - SPRING BRAKE MODULATOR VALVE {Bendix} R-7 for 4x2, SR-7 with relay valve for 6x4/8x6
- 04AZA AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Full Vehicle Wheel Control System
- 04XCJ BRAKES, FRONT {Bendix Spicer ADB22X} Air Disc Type, Extended Service, Size 22.5", 23,000-lb Capacity 04XDW - BRAKE CHAMBERS, FRONT
- AXLE 18 Sqln, for Air Disc Brakes

- 04 BRAKES 04XCK - BRAKES, REAR {Bendix Spicer ADB22X} Air Disc Type, Extended Service, Size 22.5", 26,000-lb Capacity
- 04XEA BRAKE CHAMBERS, REAR AXLE 18/24 SqIn Spring Brake, Double Diaphragm, for Air Disc Brakes
- 04SPM AIR COMPRESSOR {Bendix BA-921 Head Unload 15.9 CFM 04VKC - AIR DRYER LOCATION
- Mounted Inside Left Rail, Back of Cab 04VKJ - AIR TANK LOCATION (2)
- Mounted Under Battery Box, Outside Left Rail, Back of Cab, Perpendicular to Rail
- 04732 DRAIN VALVE {Berg} with Pull Chain, for Air Tank

05 STEERING

per Axle

- 05PSA STEERING GEAR (Sheppard M100} Power
- 05AAA STEERING COLUMN Stationary
- 05CAW STEERING WHEEL 4-Spoke: 18" Dia., Black

06 DRIVELINES

- END YOKES Half-Round, Easy Service (AII)
- 06DGR DRIVELINE SYSTEM {Dana Spicer} 1810HD, for 4x2/6x2 07 EXHAUST SYSTEM

07BLV - EXHAUST SYSTEM

- Horizontal Aftertreatment System, Frame Mounted Right Side Under Cab, for Single Short Horizontal Tail Pipe, Frame Mounted Right Side Back of Cab
- 07SDK ENGINE COMPRESSION BRAKE by Jacobs; for N13/A26 Engines, with Selector Switch and On/Off Switch
- 07WDR TAIL PIPE (1) Horizontal, Short

08 ELECTRICAL

- 08000 ELECTRICAL SYSTEM 12-Volt, Standard Equipment
 - * 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
 - PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light
 - STARTER SWITCH Electric, Key Operated
 - STOP, TURN, TAIL & B/U LIGHTS Dual, Rear,

- (CONT.) 08 ELECTRICAL
 - TURN SIGNAL SWITCH Self-Cancelling for Trucks, Manual Cancelling for Tractors, with Lane Change Feature

(CONT.)

- 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
- 08GXJ ALTERNATOR {Leece-Neville AVI160P2013} Brush Type, 12 Volt, 160 Amp Capacity, Pad Mount
- 08VUL BATTERY BOX Steel, with Plastic Cover, 18" Wide, 2-4 Battery Capacity, Mounted Left Side Back of Cab
- 08MSG BATTERY SYSTEM {Fleetrite}
 - Maintenance-Free, (3) 12-Volt 1980CCA Total, Top Threaded Stud
- 08XAH CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses
- 08WPH CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade
- 08XNY HEADLIGHTS Halogen NOTE: STANDARD IN USA
- 08VAY HORN, ELECTRIC Disc Style
- 08RMX RADIO Omit, Includes Wiring and Antenna
- 08RMS SPEAKERS Omit 08WXG - STARTING MOTOR
- {Mitsubishi Electric Automotive America 105P} 12-Volt, with Soft-Start
- 08XGT TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender

09 FRONT END

- 09WBK FRONT END Tilting, Fiberglass, with Three Piece Construction, Includes Long Hood
- 09585 FENDER EXTENSIONS Rubber
- 09HBM GRILLE Stationary, Chrome
- 09AAB LOGOS EXTERIOR Model Badges
- 09AAE LOGOS EXTERIOR, ENGINE Badges

Combination with Reflector Refer To General Info for Metric Conversion Tables

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10 PAINT & MISCELLANEOUS

- 10AGB COMMUNICATIONS MODULE Telematics Device with Over the Air Programming; Includes Five Year Data Plan and International 360
- 10060 PAINT SCHEMATIC, PT-1 Single Color, Design 100 * PAINT SCHEMATIC ID LETTERS
- 10761 PAINT TYPE Base Coat/Clear Coat, 1-2 Tone

11 CLUTCH

11001 - CLUTCH Omit Item (Clutch & Control)

12 ENGINE

- 12BGN ENGINE, DIESEL {International A26} EPA 2021, 365HP @ 1700 RPM, 1250 Ib-ft Torque @ 900 RPM, 2100 RPM Governed Speed, 365 Peak HP (Max)
- 12XBD RADIATOR Aluminum, Welded, Cross Flow, Front to Back System, 1292 Sqln, with 1008 Sqln Charge Air Cooler * DEAERATION SYSTEM with
 - Surge Tank
 * HOSE CLAMPS, RADIATOR HOSES
 {Gates} Shrink Band Type;
 Thermoplastic Coolant Hose
 Clamps
 - * RADIATOR HOSES Premium, Rubber
- 12THT FAN DRIVE {Horton Drivemaster} Two-Speed Type, Direct Drive, with Residual Torque Device for Disengaged Fan Speed * FAN Nylon
- 12VBC AIR CLEANER Single Element
- 12703 ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection

13 TRANSMISSION

- 13ATL TRANSMISSION, AUTOMATIC {Allison 3000 HS} 5th Generation Controls, Close Ratio, 5-Speed with Overdrive, Less PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max
- 13WVV NEUTRAL AT STOP Allison Transmission Shifts to Neutral When Service Brake is Depressed and Vehicle is at Stop; Remains in Neutral Until Service Brake is Released

14A AXLE, REAR

14051 - AXLE, REAR, SINGLE {Meritor RS-23-160} Single Reduction, 23,000-lb Capacity, 200 Wheel Ends

- 14B SUSPENSION. REAR

14SAN - SUSPENSION, REAR, SINGLE 23,500-lb Capacity, Vari-Rate Springs

15 FUEL TANKS

- 15SRE FUEL TANK Top Draw, Non-Polished Aluminum, D-Style, 19" Tank Depth, 50 US Gal (189L), Mounted Left Side, Under Cab
- 15DYP DEF TANK 9.5 US Gal (36L) Capacity, Frame Mounted Outside Left Rail, Under Cab
- 15LKU FUEL/WATER SEPARATOR {Racor} Fuel Pre-Filter and Filter Base, Includes Water-In-Fuel Sensor

16 CAB

- 16030 CAB Conventional, Day Cab
- 16ZBT ACCESS, CAB Steel,
 Driver & Passenger Sides,
 Two Steps per Door, for use
 with Day Cab and Extended
 Cab
- 16VKB CAB INTERIOR TRIM
 - Classic, for Day Cab

 * CONSOLE, OVERHEAD Molded
 Plastic with Dual Storage
 Pockets, Retainer Nets and
 CB Radio Pocket; Located
 Above Driver and Passenger
 - * DOME LIGHT, CAB Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Overhead Console, Center Mounted
 - * SUN VISOR (2) Padded Vinyl; 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Toll Ticket Strap
- 16WSK CAB REAR SUSPENSION Air Bag Type
- 16GED GAUGE CLUSTER Base Level; English with English Electronic Speedometer
 - * 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 Fuel/DEF, DPF Level

* GAUGE CLUSTER Speedometer, Tachometer, Engine Coolant Temp, Fuel Gauge, DEF

(CONT.)

- 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)
- 16BAL HEATÉR
- 16XJN INSTRUMENT PANEL Flat Panel
- 16HKT IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster
- 16SNL MIRRORS (2) C-Loop, Black Heads and Arms, 7.5" x 14" Flat Glass, Includes 7.5" x 7" Convex Mirrors, for 102" Load Width
 - NOTE: Mirror Dimensions are Rounded to the Nearest 0.5"
 - For U.S. Only
- 16JNT 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
- 16400 SEAT, PASSENGER Omit
- 16XCK WINDOW, MANUAL (2) and Manual Door Locks, Left and Right Doors

27/28 WHEELS & TIRES

- 27DUW WHEELS, FRONT {Accuride 51408} DISC; 22.5x8.25 Rims, Powder Coat Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
- 28DUW WHEELS, REAR {Accuride 51408} DUAL DISC; 22.5x8.25 Rims, Powder Coat Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
- 737213 5415 (02) 11R22.5 14-PR LR-G SINGLE FRONT RADIAL TIRES {Continental Tire HSR2}
- 737213 5415 (04) 11R22.5 14-PR LR-G DUAL REAR RADIAL TIRES {Continental Tire HSR2}

40 WARRANTY

40127 - WARRANTY Standard for HV513, HV613 Models, Effective with Vehicles Built July 1, 2017 or Later, CTS-2030A

All Taxes Extra, when Applicable