

**Proposal:** 367  
**Model:** HV607-HV607 SBA  
**Country:** UNITED STATES  
**Market:** USA

**Vehicle Year:** 2019  
**Config Date:** 4/30/2018  
**Price Date:** 7/16/2018

Application/Mission

**Application Family:** Construction Dump, Basic  
**Application:** Construction Dump  
**Start/Grade Ability:** 19.03% / 1.64% @ 55

**GVWR(Calc):** 56000  
**GCWR(Calc):** N/A

Dimensions/Weight

**Wheelbase(WB):** 187.00  
**Cab to Axle(CA):** 119.90  
**Axle to Frame(AF):** 67.00

**Vehicle Type:** Truck  
**Front Axle Weight:** 6403  
**Rear Axle Weight:** 3563

Features

**DIMENSION:** Wheelbase(WB): 187.00, CA: 119.90, Axle to Frame: 67.00

**ENGINE, DIESEL:** {Cummins L9 350} EPA 2017, 350HP @ 2000 RPM, 1000 lb-ft Torque @ 1400 RPM, 2200 RPM Governed Speed, 350 Peak HP (Max)

**TRANSMISSION, AUTOMATIC:** {Allison 3000 RDS} 5th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway

**CLUTCH:** Omit Item (Clutch & Control)

**AXLE, FRONT NON-DRIVING:** {Meritor MFS-16-143A} Wide Track, I-Beam Type, 16,000-lb Capacity

**AXLE, REAR, TANDEM:** {Meritor MT-40-14X-4DCR-P} Single Reduction, 40,000-lb Capacity, with Lube Oil Pump, .433"(11mm) Wall Housing Thickness, Driver Controlled Locking Differential in Forward-Rear and Rear-Rear Axle, R Wheel Ends Gear Ratio(s): 5.29

**CAB:** Conventional, Day Cab

**TIRE, FRONT:** (2) 385/65R22.5 Load Range L HTC1 (CONTINENTAL), 495 rev/mile, 68 MPH, All-Position

**TIRE, REAR:** (8) 11R22.5 Load Range G HDR2 (CONTINENTAL), 491 rev/mile, 75 MPH, Drive

**SUSPENSION, REAR, AIR, TANDEM:** {Hendrickson HAS-402-55} 40,000-lb Capacity, 55" Axle Spacing, 9.5" Ride Height, with Shock Absorbers, Mounted Inboard

Vehicle Specification

HV60700	Base Chassis, Model HV607 SBA 187.00 Wheelbase, 119.90 CA, and 67.00 Axle to Frame.
0001570	TOW HOOK, FRONT (2) Frame Mounted
0001AND	AXLE CONFIGURATION {Navistar} 6x4
0001CAJ	FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.866" x 3.622" x 0.437" (276.0mm x 92.0mm x 11.1mm); 456.0" (11582mm) Maximum OAL
0001LEH	LICENSE PLATE HOLDER Single Plate, Swing Type, Mounted Below Front Bumper
0001LNN	BUMPER, FRONT Contoured, Steel, Chrome Plated
0001WGX	WHEELBASE RANGE 169" (430cm) Through and Including 219" (555cm)
0001WMS	BUMPER EXTENSION, FRONT 2.0"
0002ARU	AXLE, FRONT NON-DRIVING {Meritor MFS-16-143A} Wide Track, I-Beam Type, 16,000-lb Capacity
0003ADE	SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 16,000-lb Capacity, with Shock Absorbers
0004091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications
0004193	BRAKES, FRONT, AIR CAM 16.5" x 6", Includes 24 Sqn Long Stroke Brake Chambers

0004619 TRAILER CONNECTIONS Four-Wheel, with Hand Control Valve and Tractor Protection Valve, for Straight Truck

0004732 DRAIN VALVE {Berg} with Pull Chain, for Air Tank

0004AZA AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Full Vehicle Wheel Control System

0004EBS AIR DRYER {Bendix AD-9} with Heater

0004EXU BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 SqIn Spring Brake

0004EXV BRAKE CHAMBERS, FRONT AXLE {Bendix} 24 SqIn

0004NDB 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

0004SPA AIR COMPRESSOR {Cummins} 18.7 CFM

0004VKC AIR DRYER LOCATION Mounted Inside Left Rail, Back of Cab

0004VKJ AIR TANK LOCATION (2) Mounted Under Battery Box, Outside Left Rail, Back of Cab, Perpendicular to Rail

0004WBX DUST SHIELDS, FRONT BRAKE for Air Cam Brakes

0004WDM DUST SHIELDS, REAR BRAKE for Air Cam Brakes

0005710 STEERING COLUMN Tilting and Telescoping

0005CAW STEERING WHEEL 4-Spoke; 18" Dia., Black

0005PTB STEERING GEAR (2) {Sheppard M100/M80} Dual Power

0007BEU AFTERTREATMENT COVER Aluminum

0007BKS EXHAUST SYSTEM Single, Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab, for Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab

0007WBA TAIL PIPE (1) Turnback Type, Bright

0007WBS MUFFLER/TAIL PIPE GUARD (1) Bright Stainless Steel

0007WDM EXHAUST HEIGHT 10'

0007WZY 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

0008000 ELECTRICAL SYSTEM 12-Volt, Standard Equipment

0008518 CIGAR LIGHTER Includes Ash Cup

0008695 SNOW SHIELD (2) Chrome; for Dual Air Horns

0008GXD ALTERNATOR {Leece-Neville AVI160P2013} Brush Type, 12 Volt, 160 Amp Capacity, Pad Mount, with Remote Sense

0008HAB BODY BUILDER WIRING Back of Day Cab at Left Frame or Under Sleeper, 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

0008HXT HORN, AIR (2) Single Tone, Chrome, Roof Mounted, with Lanyard Pull Cord

0008MKL BATTERY SYSTEM {International} Maintenance-Free, (3) 12-Volt 1950CCA Total, Top Threaded Stud

0008RGA 2-WAY RADIO Wiring Effects; Wiring with 20 Amp Fuse Protection, Includes Ignition Wire with 5 Amp Fuse, Wire Ends Heat Shrink and Routed to Center of Header Console in Cab

0008RML RADIO AM/FM/WB/Clock/Bluetooth/USB Input/Auxiliary Input, MP3, Apple Device Play & Control

0008RMY SPEAKERS (2) 5.25" Dual Cone Mounted in Both B-Pillars, Includes Wiring for Door Speakers

0008THB BACK-UP ALARM Electric, 102 dBA

0008TME TRAILER CONNECTION SOCKET 7-Way, Mounted at Rear of Frame, Wired for Turn Signals Independent of Stop, Compatible with Trailers with Amber or Side Turn Lamps

0008VAY HORN, ELECTRIC Disc Style

0008VUL BATTERY BOX Steel, with Plastic Cover, 18" Wide, 2-4 Battery Capacity, Mounted Left Side Back of Cab

0008WBW JUMP START STUD Remote Mounted

0008WCK POWER SOURCE, TERMINAL TYPE 2-Post

0008WGC SOLENOID, AIR for Customer Use; Provides (3) Normally Closed Pilot Air Source, Approx. 4 CFM, Includes Latched Switch in Cab; Air Available Only with Key in "Ignition" or "Accessory" Position; Air Will Exhaust with Key in "Off" Position

0008WGL WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time

0008WMA SWITCH, TOGGLE, FOR WORK LIGHT Lighted; on Instrument Panel and Wiring Effects for Customer Furnished Back of Cab Light

0008WNH RUNNING LIGHT (2) Daytime

0008WPH CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade

0008WPZ TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights

0008WTL STARTING MOTOR {Delco Remy 39MT} 12 Volt, Gear Reduced, with Thermal Over-Crank Protection

0008WWJ INDICATOR, LOW COOLANT LEVEL with Audible Alarm

0008WXB HEADLIGHT WARNING BUZZER Sounds When Head Light Switch is on and Ignition Switch is in "Off" Position

0008XAH CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses

0008XGT TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender

0008XHR POWER SOURCE, ADDITIONAL Auxiliary Power Outlet (APO) & USB Port, Located in the Instrument Panel

0009AAB LOGOS EXTERIOR Model Badges

0009AAE LOGOS EXTERIOR, ENGINE Badges

0009HAD GRILLE Chrome

0009HAN INSULATION, UNDER HOOD for Sound Abatement

0009HBN INSULATION, SPLASH PANELS for Sound Abatement

0009WAC BUG SCREEN Mounted Behind Grille

0009WBM FRONT END Tilting, Fiberglass, with Three Piece Construction, Sloped Front

0010060 PAINT SCHEMATIC, PT-1 Single Color, Design 100

0010761 PAINT TYPE Base Coat/Clear Coat, 1-2 Tone

0010974 SPECIAL RATING, GAWR Special GAWR Calculations for Canada and Export

0010AA Y OVER THE AIR PROGRAMMING {Navistar} for Cummins Engines

0010WWP MUD FLAPS, FRONT WHEELS (2) Rubber, Mounted on Fender Extension, for Tire Size 425/445

0011001 CLUTCH Omit Item (Clutch & Control)

0012703 ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection

0012EHX ENGINE, DIESEL {Cummins L9 350} EPA 2017, 350HP @ 2000 RPM, 1000 lb-ft Torque @ 1400 RPM, 2200 RPM Governed Speed, 350 Peak HP (Max)

0012THT	FAN DRIVE {Horton Drivemaster} Two-Speed Type, Direct Drive, with Residual Torque Device for Disengaged Fan Speed
0012UAW	RADIATOR Aluminum, 2-Row, Cross Flow, Over Under System, 1045 SqIn Louvered, with 373 SqIn Charge Air Cooler, Includes In-Tank Oil Cooler
0012VBR	AIR CLEANER with Service Protection Element
0012VGN	FEDERAL EMISSIONS {Cummins L9} EPA, OBD and GHG Certified for Calendar Year 2018
0012VXT	THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel
0012WBR	FAN OVERRIDE Manual; with Electric Switch on Instrument Panel, (Fan On with Switch On)
0012WUL	BLOCK HEATER, ENGINE {Phillips} 120V/1000W, with "Y" Cord for Dealer Installed 120V/300W Oil Pan Heater
0012WZB	EMISSION COMPLIANCE Low NOx Idle Engine, Complies with California Clean Air Regulations; Includes "Certified Clean Idle" Decal on Hood
0012XAT	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls, with Ignition Switch Control, for Cummins ISB/B6.7 and ISL/L9 Engines
0013AVR	TRANSMISSION, AUTOMATIC {Allison 3000 RDS} 5th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway
0013WET	TRANSMISSION SHIFT CONTROL Column Mounted Stalk Shifter, Not for Use with Allison 1000 & 2000 Series Transmission
0013WLP	TRANSMISSION OIL Synthetic; 29 thru 42 Pints
0013WUC	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS) and Regional Haul Series (RHS), General Purpose Trucks, Construction, Package Number 223
0013XAL	PTO LOCATION Customer Intends to Install PTO at Left Side of Transmission
0013XBD	SHIFT CONTROL PARAMETERS {Allison} 3000 or 4000 Series Transmissions, with DynActive, Dynamic Shift Sensing (FuelSense 2.0 Basic)
0014899	SUSPENSION AIR CONTROL VALVE Pressure Release Control In Cab
0014GVL	AXLE, REAR, TANDEM {Meritor MT-40-14X-4DCR-P} Single Reduction, 40,000-lb Capacity, with Lube Oil Pump, .433"(11mm) Wall Housing Thickness, Driver Controlled Locking Differential in Forward-Rear and Rear-Rear Axle, R Wheel Ends
0014ULU	SUSPENSION, REAR, AIR, TANDEM {Hendrickson HAS-402-55} 40,000-lb Capacity, 55" Axle Spacing, 9.5" Ride Height, with Shock Absorbers, Mounted Inboard
0014WBN	DIFF. SWITCH CONTROLS Two Independent Switches for Control Traction Differentials on Tandem Rear Axles, Mounted on Dash
0014WMJ	AXLE, REAR, LUBE {EmGard FE-75W-90} Synthetic Oil; 50 thru 64.99 Pints
0015LLZ	LOCATION FUEL/WATER SEPARATOR Mounted Outside Left Rail, 41" Back of Cab
0015LMN	FUEL/WATER SEPARATOR {Racor 400 Series,} 12 VDC Electric Heater, Includes Pre-Heater, with Primer Pump, Includes Water-in-Fuel Sensor
0015SGG	FUEL TANK Top Draw, Non-Polished Aluminum, D-Style, 19" Tank Depth, 70 US Gal (265L), Mounted Left Side, Under Cab
0015WDG	DEF TANK 7 US Gal (26L) Capacity, Frame Mounted Outside Left Rail, Under Cab
0016030	CAB Conventional, Day Cab
0016BAM	AIR CONDITIONER with Integral Heater and Defroster

0016GDG	GAUGE CLUSTER Premium Level; English with English Speedometer and Tachometer, for Air Brake Chassis, Includes Engine Coolant Temperature, Primary and Secondary Air Pressure, Fuel and DEF Gauges, Oil Pressure Gauge, Includes 5 Inch LCD Color Display
0016HGH	GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission
0016HGN	GAUGE, AIR APPLICATION
0016HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster
0016JNV	SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Cloth, Isolator, 1 Chamber Lumbar, 2 Position Front Cushion Adjust, -3 to +14 Degree Back Angle Adjust
0016SMM	SEAT, PASSENGER {National} Non Suspension, High Back, Fixed Back, Integral Headrest, Cloth
0016SNV	MIRRORS (2) Aero Pedestal, Power Adjust, Heated, Turn Signals, Bright Heads, Black Arms, 6.5" x 14" Flat Glass, Includes 6.5" x 6" Convex Mirrors, for 102" Load Width
0016VKK	CAB INTERIOR TRIM Diamond, for Day Cab
0016WBY	ARM REST, RIGHT, DRIVER SEAT
0016WJU	WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature
0016WLS	FRESH AIR FILTER Attached to Air Intake Cover on Cowl Tray in Front of Windshield Under Hood
0016WSK	CAB REAR SUSPENSION Air Bag Type
0016XJP	INSTRUMENT PANEL Wing Panel
0016XWD	SUNSHADE, EXTERIOR Aerodynamic, Painted Roof Color, with Integral Clearance/Marker Lights
0016ZBT	ACCESS, CAB Steel, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab and Extended Cab
0027DJJ	WHEELS, FRONT {Alcoa 82462} DISC; 22.5x12.25 Rims, Mirror Polish Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
0028DTT	WHEELS, REAR {Accuride 28828} DUAL DISC; 22.5x8.25 Rims, Powder Coat Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with .472" Thick Increased Capacity Disc and with Steel Hubs
0029WLK	WHEEL BEARING, FRONT, LUBE {EmGard FE-75W-90} Synthetic Oil
0060AAG	BDY INTG, REMOTE POWER MODULE Mounted Inside Cab Behind Driver Seat, Up to 6 Outputs & 6 Inputs, Max 20 amp per Channel, Max 80 amp Total; Includes 1 Switch Pack with Latched Switches
0060ABE	BDY INTG, PTO ACCOMMODATION for Electric over Hydraulic PTO, Does Not Include Solenoids, with Latched Switch Mounted on Dash Includes Audible Alarm and Indicator Light in Gauge Cluster (Requires 1 Remote Power Module input & 1 output)
0060ACH	BDY INTG, SWITCH, INTERLOCKED (2) 2 Position Latched Rockers, Backlit, with "ON" Indicator Mtd on Dash, for 2; Auxiliary Load each 20 amp Maximum; Outputs will Disengage when Vehicle Exceeds 30 MPH, Programmable; Power Available Only in "Ignition" or "Accessory" Position (requires 2 Remote Power Module outputs)
0060ACT	BDY INTG, SWITCH MOMNTRY 3POS Rocker, Backlit, with "ON" Indicator Mounted on Dash, Latching Software, for 2; Auxiliary Load 20 amp. Maximum; Power Available Only in "Ignition" or "Accessory" Position, Output Also Controlled by a Customer Remote Mounted Switch (requires 2 Remote Power Module inputs & 2 outputs)
0060AJK	BDY INTG, INDICATOR LIGHTS (2) 1 for Body Up, 1 for Gate Open, Includes Audible Alarm, Programmable Mode for Various Switch Actions. (Requires 2 Remote Power Module Inputs)
07372135423	(8) TIRE, REAR 11R22.5 Load Range G HDR2 (CONTINENTAL), 491 rev/mile, 75 MPH, Drive
07792655412	(2) TIRE, FRONT 385/65R22.5 Load Range L HTC1 (CONTINENTAL), 495 rev/mile, 68 MPH, All-Position
0040128	WARRANTY Standard for HV507, HV50B, HV607 Models, Effective with Vehicles Built July 1, 2017 or Later, CTS-2025A