

**Proposal:** 410  
**Model:** MV607-MV607 SBA  
**Country:** UNITED STATES  
**Market:** USA

**Vehicle Year:** 2021  
**Config Date:** 4/10/2020  
**Price Date:** 1/1/2020

**Application/Mission**

**Application Family:** Van  
**Application:** Dry Van  
**Start/Grade Ability:** 25.11% / 2.19% @ 55

**GVWR(Calc):** 25999  
**GCWR(Calc):** N/A

**Dimensions/Weight**

**Wheelbase(WB):** 272.00  
**Cab to Axle(CA):** 204.90  
**Axle to Frame(AF):** 83.00

**Vehicle Type:** Truck  
**Front Axle Weight:** 5602  
**Rear Axle Weight:** 2659

**Features**

**DIMENSION:** Wheelbase(WB): 272.00, CA: 204.90, Axle to Frame: 83.00

**ENGINE, DIESEL:** {Cummins B6.7 250} EPA 2017, 250HP @ 2400 RPM, 660 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 250 Peak HP (Max)

**TRANSMISSION, AUTOMATIC:** {Allison 2200 RDS} 5th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Park Pawl, with 26,000-lb GVW and GCW Max, On/Off Highway

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

**AXLE, FRONT NON-DRIVING:** {Dana Spicer E-1002I} I-Beam Type, 10,000-lb Capacity

**AXLE, REAR, SINGLE:** {Dana Spicer 19060S} Single Reduction, Hypoid Gearing, 19,000-lb Capacity, 190 Wheel Ends Gear Ratio(s): 5.57

**CAB:** Conventional, Day Cab

**TIRE, FRONT:** (2) 11R22.5 Load Range H ECOPLUS HS3 (CONTINENTAL), 495 rev/mile, 75 MPH, All-Position

**TIRE, REAR:** (4) 11R22.5 Load Range H ECOPLUS HS3 (CONTINENTAL), 495 rev/mile, 75 MPH, All-Position

**SUSPENSION, REAR, AIR, SINGLE:** {International IROS} 20,000-lb Capacity, 9.25" Ride Height, with Shock Absorbers

**Vehicle Specification**

MV60700	Base Chassis, Model MV607 SBA 272.00 Wheelbase, 204.90 CA, and 83.00 Axle to Frame.
0001570	TOW HOOK, FRONT (2) Frame Mounted
0001ANA	AXLE CONFIGURATION {Navistar} 4x2
0001CAD	FRAME RAILS High Strength Low Alloy Steel (80,000 PSI Yield); 10.250" x 3.092" x 0.375" (260.4mm x 78.5mm x 9.5mm); 455.0" (11557mm) Maximum OAL
0001LEG	LICENSE PLATE HOLDER Includes Upper & Lower Mounting Plate Hardware, Mounted in Existing Holes in Front Bumper
0001LLD	BUMPER, FRONT Contoured, Steel
0001WAC	BUMPER EXTENSION, FRONT 4.0"
0001WEK	WHEELBASE RANGE 256" (650cm) Through and Including 311" (790cm)
0002AGM	AXLE, FRONT NON-DRIVING {Dana Spicer E-1002I} I-Beam Type, 10,000-lb Capacity
0003ADB	SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 10,000-lb Capacity, with Shock Absorbers
0004091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications
0004AZA	AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Full Vehicle Wheel Control System

0004EBT	AIR DRYER {Bendix AD-IP} with Heater
0004EXP	BRAKE CHAMBERS, FRONT AXLE {Bendix} 20 SqIn
0004EXU	BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 SqIn Spring Brake
0004JCG	BRAKES, FRONT, AIR CAM S-Cam; 15.0" x 4.0"; Includes 20 Sq. In. Long Stroke Brake Chambers
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
0004VKH	AIR TANK LOCATION (2) Mounted Under Battery Box, Outside Right Rail, Under Cab
0005708	STEERING COLUMN Tilting
0005CAW	STEERING WHEEL 4-Spoke; 18" Dia., Black
0005PSA	STEERING GEAR {Sheppard M100} Power
0006DGG	DRIVELINE SYSTEM {Dana Spicer} 1710, for 4x2/6x2
0007BKY	EXHAUST SYSTEM Single, Horizontal Aftertreatment Device, Frame Mounted Under Right Rail Back of Cab, Includes Single Short Horizontal Tail Pipe
0008000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment
0008GXD	ALTERNATOR {Leece-Neville AVI160P2013} Brush Type, 12 Volt, 160 Amp Capacity, Pad Mount, with Remote Sense
0008MJT	BATTERY SYSTEM {Fleetrite} Maintenance-Free, (2) 12-Volt 1900CCA Total, Top Threaded Stud
0008RMZ	SPEAKERS (2) 6.5" Dual Cone Mounted in Both Doors, (2) 5.25" Dual Cone Mounted in Both B-Pillars
0008RPB	RADIO, AUXILIARY CONTROLS Mounted in Steering Wheel, Radio Function Control Switch, Includes Volume Up/Down, Mute, Forward/Back and Bluetooth Answer/Disconnect
0008RPS	RADIO AM/FM/WB/Clock/Bluetooth/USB Input/Auxiliary Input
0008THB	BACK-UP ALARM Electric, 102 dBA
0008VAY	HORN, ELECTRIC Disc Style
0008VUX	BATTERY BOX Steel, with Plastic Cover, 25" Wide, 2-3 Battery Capacity, Mounted Right Side Under Cab
0008WGL	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time
0008WPB	HEADLIGHTS Halogen, Composite Aero Design, with Daytime Running Lights
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
0008WRB	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on
0008WWJ	INDICATOR, LOW COOLANT LEVEL with Audible Alarm
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
0008XHN	HORN, AIR Single Trumpet, Black, with Lanyard Pull Cord
0008XHR	POWER SOURCE, ADDITIONAL Auxiliary Power Outlet (APO) & USB Port, Located in the Instrument Panel
0008XKL	STARTING MOTOR {Mitsubishi Electric Automotive America 90P47} 12-Volt, with Soft-Start

0008XMB	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
0009AAB	LOGOS EXTERIOR Model Badges
0009AAE	LOGOS EXTERIOR, ENGINE Badges
0009HAD	GRILLE Chrome
0009WAY	FRONT END Tilting, Fiberglass, with Three Piece Construction
0010060	PAINT SCHEMATIC, PT-1 Single Color, Design 100
0010761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone
0010985	FRAME, SPECIAL RATING Limited to 32,900-lb GVWR; 12,000-lb Front Axle Will Be De-rated to 11,000-lb Capacity; When Applicable
0010BAE	LABEL, DEF "DEF ONLY"
0010WGD	SPECIAL RATING, GVWR Limited to 25,999-lb GVWR
0011001	CLUTCH Omit Item (Clutch & Control)
0012703	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection
0012849	BLOCK HEATER, ENGINE 120V/1000W, for Cummins ISB/B6.7/ISL/L9 Engines
0012EJS	ENGINE, DIESEL {Cummins B6.7 250} EPA 2017, 250HP @ 2400 RPM, 660 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 250 Peak HP (Max)
0012EMZ	VENDOR WARRANTY, ENGINE {Cummins} B6.7 Engine, 3-Year Unlimited Miles Standard Warranty
0012TSY	FAN DRIVE {Borg-Warner SA85} Viscous Type, Screw On
0012UYE	RADIATOR Aluminum, 2-Row, Cross Flow, Over Under System, 717 SqIn Louvered, with 313 SqIn Charge Air Cooler, Includes In-Tank Oil Cooler
0012VBR	AIR CLEANER with Service Protection Element
0012VHH	FEDERAL EMISSIONS {Cummins B6.7} EPA, OBD and GHG Certified for Calendar Year 2020
0012VXT	THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel
0012WPV	OIL PAN 15 Quart Capacity, For Cummins ISB/B6.7 Engines
0012WZJ	EMISSION COMPLIANCE Low NOx Idle Engine, Complies with California Clean Air Regulations; Includes "Certified Clean Idle" Decal located on Driver Door
0013ATB	TRANSMISSION, AUTOMATIC {Allison 2200 RDS} 5th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Park Pawl, with 26,000-lb GVW and GCW Max, On/Off Highway
0013WLN	TRANSMISSION OIL Synthetic; 20 thru 28 Pints
0013WVS	TRANSMISSION SHIFT CONTROL T-Handle
0013WVV	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
0013WYY	SHIFT CONTROL PARAMETERS {Allison} 1000 or 2000 Series Transmissions, Performance Programming
0013XAL	PTO LOCATION Customer Intends to Install PTO at Left Side of Transmission
0014AGA	AXLE, REAR, SINGLE {Dana Spicer 19060S} Single Reduction, Hypoid Gearing, 19,000-lb Capacity, 190 Wheel Ends
0014TBJ	SUSPENSION, REAR, AIR, SINGLE {International IROS} 20,000-lb Capacity, 9.25" Ride Height, with Shock Absorbers

0015LMS	FUEL/WATER SEPARATOR 12 VDC Electric Heater, Includes Pre-Heater, Includes Water-in-Fuel Sensor, Cummins Supplied on Engine
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
0015WHV	ANTI-SIPHON DEVICE for Single Tank; 2-Inch Diameter; Located inside Fuel Tank Fill Neck
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
0016HHE	GAUGE, AIR CLEANER RESTRICTION {Filter-Minder} with Black Bezel, Mounted in Instrument Panel
0016HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster
0016LSD	SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Mordura Cloth, Isolated, with 2 Position Front Cushion Adjustment, -3 to +14 Degree Seat Back Adjustment, Single Chamber Air Lumbar Support
0016SMS	SEAT, TWO-MAN PASSENGER {National} Fixed Back, Integrated Headrest in Both Occupant Positions, Mordura Cloth, with Under Seat Storage Compartment
0016SNS	MIRRORS (2) Aero Pedestal, Power Adjust, Heated, Black Heads and Arms, 6.5" x 14" Flat Glass, Includes 6.5" x 6" Convex Mirrors, for 102" Load Width
0016VKB	CAB INTERIOR TRIM Classic, for Day Cab
0016VLM	CAB REAR SUSPENSION Rubber Suspension, for Low Cab Height
0016WBY	ARM REST, RIGHT, DRIVER SEAT
0016WLS	FRESH AIR FILTER Attached to Air Intake Cover on Cowl Tray in Front of Windshield Under Hood
0016XCK	WINDOW, MANUAL (2) and Manual Door Locks, Left and Right Doors
0016XJN	INSTRUMENT PANEL Flat Panel
0016ZBT	ACCESS, CAB Steel, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab and Extended Cab
0027DUW	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
0028DUW	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
0029ACD	TIRE VALVE CAP Flo-Thru Design
07382135429	(2) TIRE, FRONT 11R22.5 Load Range H ECOPLUS HS3 (CONTINENTAL), 495 rev/mile, 75 MPH, All-Position
07382135429	(4) TIRE, REAR 11R22.5 Load Range H ECOPLUS HS3 (CONTINENTAL), 495 rev/mile, 75 MPH, All-Position
0040129	WARRANTY Standard for MV Series, Effective with Vehicles Built July 1, 2017 or Later, CTS-2020A