Model Profile
2020 MV607 SBA (MV607)

AXLE CONFIG: 4X2
APPLICATION: Roll-Back (Recovery)
MISSION: Requested GVWR: 25500. Calc. GVWR: 26000
Calc. Start / Grade Ability: 26.26% / 2.14% @ 55 MPH
Calc. Geared Speed: 92.8 MPH
DIMENSION: Wheelbase: 211.00, CA: 143.90, Axle to Frame: 75.00
ENGINE, DIESEL: (Cummins B6.7 260) EPA 2017, 260HP @ 2400 RPM, 660 lb-ft Torque @ 1600 RPM, 2600 RPM
Governed Speed, 260 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 D800-F) I-Beam Type, 8,000-lb Capacity
AXLE, REAR, SINGLE: (Dana Spicer 19060S) Single Reduction, Hypoid Gearing, 19,000-lb Capacity, 190 Wheel Ends
Gear Ratio: 4.88
CAB: Conventional
TIRE, FRONT: (2) 255/70R22.5 Load Range H HSR2 SA (CONTINENTAL), 565 rev/mile, 75 MPH, All-Position
TIRE, REAR: (4) 255/70R22.5 Load Range H HDR (CONTINENTAL), 565 rev/mile, 81 MPH, Drive
SUSPENSION, REAR, AIR, SINGLE: (International IROS) 20,000-lb Capacity, 9.25" Ride Height, with Shock Absorbers
PAINT: Cab schematic 100WP
Chassis schematic N/A

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Description
Base Chassis, Model MV607 SBA with 211.00 Wheelbase, 143.90 CA, and 75.00 Axle to Frame.

AXLE CONFIGURATION (Navistar) 4x2

Notes
: Pricing may change if axle configuration is changed.

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

BUMPER, FRONT Full Width, Aerodynamic, Chrome Plated Steel; 0.142” Material Thickness

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

AXLE, FRONT NON-DRIVING (Dana Spicer D800-F) I-Beam Type, 8,000-lb Capacity

SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 8,000-lb Capacity, with Shock Absorbers

BRAKE SYSTEM, AIR Dual System for Straight Truck Applications

DRAIN VALVE (Berg) with Pull Chain, for Air Tank

AIR BRAKE ABS (Bendix AntiLock Brake System) Full Vehicle Wheel Control System (4-Channel)

AIR DRYER (Bendix AD-IP) with Heater

BRAKE CHAMBERS, FRONT AXLE (Bendix) 20 SqIn

BRAKE CHAMBERS, REAR AXLE (Bendix EverSure) 30/30 Spring Brake

BRAKES, FRONT, AIR CAM S-Cam; 15.0” x 4.0”; 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 (Cummins) 18.7 CFM Capacity

AIR DRYER LOCATION Mounted Outside Right Rail, Forward of Front Wheel

AIR TANK LOCATION (2) Mounted Inline Under Left Rail, Back of Cab

STEERING COLUMN Tilting

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

STEERING GEAR (TRW (Ross) TAS40) Power

EXHAUST SYSTEM Single, Horizontal Aftertreatment Device, Frame Mounted Under Right Rail, Back of Cab, Includes Short Horizontal Tail Pipe

ENGINE EXHAUST BRAKE for Cummins ISB/B6.7/ISL/L9 Engine with Variable Vane Turbo Charger

ELECTRICAL SYSTEM 12-Volt, Standard Equipment

CIGAR LIGHTER Includes Ash Cup

ALTERNATOR (Leece-Neville AVI160P2013) Brush Type; 12 Volt 160 Amp. Capacity, Pad Mount, with Remote Sense

BODY BUILDER WIRING Back of Standard or Sleeper 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 (Fleetrite) Maintenance-Free, (3) 12-Volt 1980CCA Total

RADIO AM/FM/WB/Clock/Bluetooth/USB Input/3.5MM Auxiliary Input, MP3, Apple Device Play & Control, Bluetooth for Phone & Music

SPEAKERS (2) 6.5” Dual Cone Mounted in Both Doors, (2) 5.25” Dual Cone Mounted in Both B-Pillars

SWITCH, AUXILIARY Accessory Control; for Wiring in Roof, with Maximum of 20 amp Load with Switches In Instrument Panel

HORN, ELECTRIC Disc Style
Description
BATTERY BOX Steel with Plastic Cover, 18’ Wide, 2, 3, or 4 Battery Capacity, Mounted Left Side Back of Cab

JUMP START STUD Remote Mounted

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

HEADLIGHTS Halogen; Composite Aero Design for Two Light System; Includes Daytime Running Lights

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

STARTING MOTOR (Delco Remy 38MT Type 300) 12 Volt; less Thermal Over-Crank Protection

INDICATOR, LOW COOLANT LEVEL with Audible Alarm

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

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

LOGOS EXTERIOR Model Badges

LOGOS EXTERIOR, ENGINE Badges

GRILLE Chrome

FRONT END Tilting, Fiberglass, with Three Piece Construction

PAINT SCHEMATIC, PT-1 Single Color, Design 100

Includes:
PAINT SCHEMATIC ID LETTERS “WP”
PAINT TYPE Base Coat/Clear Coat, 1-2 Tone
CLUTCH Omit Item (Clutch & Control)

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

BLOCK HEATER, ENGINE 120V/1000W, for Cummins ISB/B6.7/ISL/L9 Engines

ENGINE, DIESEL (Cummins B6.7 260) EPA 2017, 260HP @ 2400 RPM, 660 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 260 Peak HP (Max)

VENDOR WARRANTY, ENGINE (Cummins) B6.7 Engine, 3-Year Unlimited Miles Standard Warranty

FAN DRIVE (Borg-Warner SA85) Viscous Type, Screw On

RADIATOR Aluminum; 2-Row, Cross Flow, Over Under System, 717 SqIn Louvered, with 313 SqIn Charge Air Cooler. with In-Tank Transmission Cooler

AIR CLEANER with Service Protection Element

FEDERAL EMISSIONS (Cummins B6.7) EPA, OBD and GHG Certified for Calendar Year 2018

THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings; Mounted on Steering Wheel

OIL PAN 15 Quart Capacity, For Cummins ISB/B6.7 Engines

EMISSION COMPLIANCE Low NOx Idle Engine, Complies with California Clean Air Regulations; Includes "Certified Clean Idle" Decal on Hood

ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; with Ignition Switch Control for Cummins ISB/B6.7 or ISL/L9 Engines

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Description
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

TRANSMISSION OIL Synthetic; 20 thru 28 Pints

TRANSMISSION SHIFT CONTROL T-Handle Type

SHIFT CONTROL PARAMETERS Allison 1000 or 2000 Series Transmissions, 5th Generation Controls, Performance Programming

PTO LOCATION Left Side of Transmission

SUSPENSION AIR CONTROL VALVE Pressure Release Control In Cab

AXLE, REAR, SINGLE (Dana Spicer 19060S) Single Reduction, Hypoid Gearing, 19,000-lb Capacity, 190 Wheel Ends . Gear Ratio: 4.88

SUSPENSION, REAR, AIR, SINGLE (International IROS) 20,000-lb Capacity, 9.25” Ride Height, with Shock Absorbers

FUEL TANK (2) Top Draw, Non-Polished Aluminum, D-Style, 16” Tank Depth, 40 US Gal (151L) Left Side; 50 US Gal (189L) Right Side; Total Capacity 90 US Gal (340L), Mounted Left and Right Side, Under Cab

FUEL/WATER SEPARATOR 12 VDC Electric Heater, Includes Pre-Heater, Includes Water-in-Fuel Sensor, Cummins Supplied on Engine

DEF TANK 7 U.S. Gal. 26.5L Capacity, Frame Mounted Outside Left Rail, Under Cab

CAB Conventional

AIR CONDITIONER with Integral Heater & Defroster

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

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

MIRRORS (2) Aero; Pedestal, Power Adjust, Heated Heads, Turn Signals, Bright Finish Heads, Black Arms, 6.3” x 13.82” Flat Glass, 6.38” x 6.18” Convex Glass Both Sides

CAB REAR SUSPENSION Air Suspension, for Mid Cab Height

Includes
- 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, Reading Lights; Integral to Overhead Console, Center Mounted
- SUN VISOR (3) Padded Vinyl; 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Vanity Mirror and Toll Ticket Strap, plus 1 Auxiliary Visor (Front Only), Driver Side

WEB PERSONALITY TRIM Diamond, for Day Cab

Includes
- 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, Reading Lights; Integral to Overhead Console, Center Mounted
- SUN VISOR (3) Padded Vinyl; 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Vanity Mirror and Toll Ticket Strap, plus 1 Auxiliary Visor (Front Only), Driver Side

WEB FRONT SEAT Right, DRIVER SEAT

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

FRESH AIR FILTER Attached to Air Intake Cover on Cowl Tray in Front of Windshield Under Hood

INSTRUMENT PANEL Flat Panel

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Description
ACCESS, CAB Steel, Driver & Passenger Sides, Two Steps Per Door, for use with Regular and Extended Cabs

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 Outer Wheel, with Steel Inner Wheel; 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

WHEEL SEALS, FRONT (International) Oil-Lubricated Wheel Bearings

BDY INTG, REMOTE POWER MODULE Mounted Under Cab or On Battery Box; Up to 6 Outputs & 6 Inputs, Max. 20 amp. per Channel, Max. 80 amp. Total (Includes 1 Switch Pack with Latched Switches)

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)

BDY INTG, THROTTLE CONTROL Accommodation for Single Customer Mounted External Engine Speed Control Switch, Programmable Mode for Various Switch Actions and Engine Speed Control Option; Useable Only While Vehicle is Stopped and the Park Brake is Applied (requires 1 Remote Power Module input)

(4) TIRE, REAR 255/70R22.5 Load Range H HDR (CONTINENTAL), 565 rev/mile, 81 MPH, Drive

(2) TIRE, FRONT 255/70R22.5 Load Range H HSR2 SA (CONTINENTAL), 565 rev/mile, 75 MPH, All-Position

Services Section:

WARRANTY Standard for MV Series, Effective with Vehicles Built July 1, 2017 or Later, CTS-2020A

SRV CONTRACT, EXT CMS ENG/AFTR (Cummins) To 60-Month/300,000 Miles (480,000 km), Extended Cummins B6.7 Engine Coverage, Protection Plan 1 and Aftertreatment, (Truck Application Only)

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