

# STANDARD CHASSIS SPECIFICATIONS

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### MV607 SBA LP

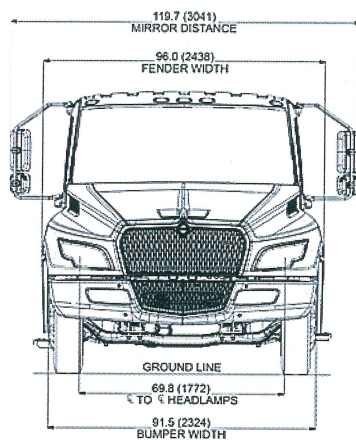
MODEL CODE: MV60H

NOTE: 4x2 Axle Configuration is Standard

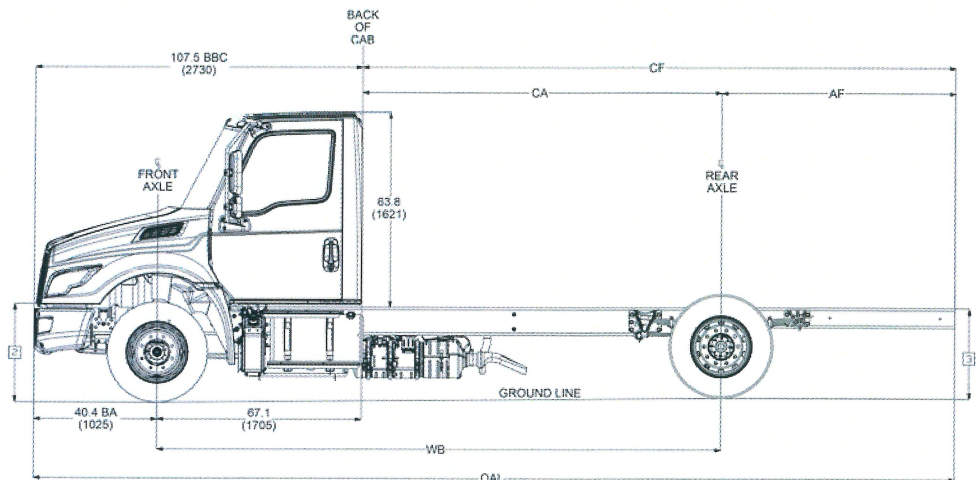
Rating		4x2 (lbs)
Min GAW	front	8,000
Min GAW	rear	12,000
Min GVW	total	20,000
Max GAW	front	10,000
Max GAW	rear	20,000
Max GVW*	total	29,000*
Min GCW		-
Max GCW		-

\* = Limited by frame rail to 29,000 lbs

NOTE: Model Code and Wheelbase Must Be Specified on Order



MV\_front



MV60H\_day\_cab\_1sv

Wheelbase (in.)	Chassis Weight (lbs.) **			Dimensions (in.)				Turning Radius	
	Front	Rear	Total	CA	CF	AF	OAL	Curb Clearance	Wall Clearance
*140	5,460	2,756	8,216	73	112	39	219	20 ft. 6 in.	21 ft. 8 in.
152				85	148	63	255	22 ft. 0 in.	23 ft. 2 in.
169				102	165	63	272	24 ft. 1 in.	25 ft. 3 in.
175				108	171	63	278	24 ft. 10 in.	26 ft. 0 in.
187				120	195	75	302	26 ft. 4 in.	27 ft. 6 in.
205				138	213	75	320	28 ft. 7 in.	29 ft. 9 in.
217				150	246	96	353	30 ft. 1 in.	31 ft. 3 in.
236				169	265	96	372	32 ft. 5 in.	33 ft. 7 in.
254				187	283	96	390	34 ft. 8 in.	35 ft. 10 in.

NOTE: Data and diagram based on vehicle with standard equipment. Artwork may show some optional equipment.

\* Dimension data and optional add-on weights for this model are based on the 140" wheelbase.

\*\* Weight includes standard chassis, standard tires, oil and water, but less fuel.

[2] Frame Height at centerline of front axle: unloaded - 30.87", loaded - 29.03"

[3] Frame Height at centerline of rear axle: unloaded - 32.98", loaded - 29.54". Frame Height at centerline of rear axle with air suspension (Code 14TBM) with standard tires: unloaded - 30.76", loaded - 29.64". Subtract 4.6" with air bags dumped.

NOTE: Due to internal spring friction and manufacturing tolerances, these values may vary up to 0.5 inches. To achieve these nominal values directly after loading or unloading a vehicle, it may be necessary to drive the vehicle for a short period.

**INTERNATIONAL®****MV****SERIES MEDIUM DUTY****MV607 SBA LP****STANDARD EQUIPMENT****MODEL CODE: MV60H00****01 FRAMES**

01ANA - AXLE CONFIGURATION  
{Navistar} 4x2

**NOTE:** Pricing may change if  
axle configuration is  
changed.

01CAA - FRAME RAILS High  
Strength Low Alloy Steel  
(80,000 PSI Yield); 9.125" x  
3.062" x 0.312" (231.8mm x  
77.8mm x 8.0mm); with  
Transition to 6.500" x  
3.062" x 0.312" (165.1mm x  
77.8mm x 8.0mm); 388.4"  
(9864mm) Maximum OAL, For LP  
Chassis

011NG - BUMPER, FRONT  
Contoured, Steel, Painted  
Gloss Black

01WEH - WHEELBASE RANGE 134"  
(340cm) through and  
Including 197" (500cm)

**02 AXLE, FRONT**

02ATK - AXLE, FRONT NON-DRIVING  
{Meritor MFS-08-153B} I-Beam  
Type, 8,000-lb Capacity

**03A SUSPENSION, FRONT**

03ADA - SUSPENSION, FRONT,  
SPRING Parabolic Taper Leaf,  
Shackle Type, 8,000-lb  
Capacity, with Shock  
Absorbers

\* SPRING PINS Rubber  
Bushings, Maintenance-Free

**04 BRAKES**

04100 - BRAKE SYSTEM, HYDRAULIC  
{Wabco} Split System, with  
Automatic Adjustment and  
Four Channel ABS

04GAR - BRAKE, PARKING {Bosch}  
DSSA Type, 12" x 3"; for  
Hydraulic Brake Chassis;  
Activated by Lever in Cab;  
Differential Mounted

04XCW - BRAKES, FRONT {Meritor  
Quadraulic} Hydraulic Disc  
Type, with Four 70mm  
Diameter Pistons, 12,000-lb  
Capacity

04XCX - BRAKES, REAR {Meritor  
Quadraulic} Hydraulic Disc  
Type, with Four 70mm  
Diameter Pistons, 21,000-lb  
Capacity per Axle

**05 STEERING**

05PRG - STEERING GEAR {TRW  
(Ross) TAS40} Power

05AAA - STEERING COLUMN  
Stationary

05CAW - STEERING WHEEL 4-Spoke;  
18" Dia., Black

**06 DRIVELINES**

\* END YOKES Half-Round, Easy  
Service (All)

06DGA - DRIVELINE SYSTEM {Dana  
Spicer} SPL100, for 4x2/6x2

**07 EXHAUST SYSTEM**

07BME - EXHAUST SYSTEM  
Horizontal Aftertreatment  
System, Frame Mounted Under  
Right Rail Back of Cab,  
Includes Single Short  
Horizontal Tail Pipe

**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,  
Combination with Reflector

\* TURN SIGNAL SWITCH  
Self-Cancelling for  
Trucks, Manual Cancelling  
for Tractors, 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

08GXD - ALTERNATOR

{Leece-Neville AV160P2013}  
Brush Type, 12 Volt, 160 Amp  
Capacity, Pad Mount, with  
Remote Sense

08VUX - BATTERY BOX Steel, with  
Plastic Cover, 25" Wide, 2-3  
Battery Capacity, Mounted  
Right Side Under Cab

08MJP - BATTERY SYSTEM  
{Fleetrite}  
Maintenance-Free, (2)

12-Volt 1320CCA Total, Top  
Threaded Stud

08XAH - CIRCUIT BREAKERS  
Manual-Reset (Main Panel)  
SAE Type III with Trip  
Indicators, Replaces All  
Fuses

08XNY - HEADLIGHTS Halogen

**08 ELECTRICAL****(CONT.)**

**NOTE:** STANDARD IN USA

08VBE - HORN, ELECTRIC (1)  
Trumpet Style

08WWJ - INDICATOR, LOW COOLANT  
LEVEL with Audible Alarm

08RMX - RADIO Omit, Includes  
Wiring and Antenna

08RMS - SPEAKERS Omit

08XKL - STARTING MOTOR  
{Mitsubishi Electric  
Automotive America 90P47}  
12-Volt, with Soft-Start

**09 FRONT END**

09WBW - FRONT END Tilting,  
Fiberglass, with Three Piece  
Construction, Dual Air  
Intakes

09HCW - GRILLE Molded in Black

09AAB - LOGOS EXTERIOR Model  
Badges

09AAE - LOGOS EXTERIOR, ENGINE  
Badges

**10 PAINT & MISCELLANEOUS**

10060 - PAINT SCHEMATIC, PT-1  
Single Color, Design 100

\* PAINT SCHEMATIC ID LETTERS  
"WP"

10761 - PAINT TYPE Base  
Coat/Clear Coat, 1-2 Tone

**11 CLUTCH**

11001 - CLUTCH Omit Item  
(Clutch & Control)

**12 ENGINE**

12ERC - ENGINE, DIESEL {Cummins  
B6.7 200} EPA 2021, 200HP @  
2400 RPM, 520 lb-ft Torque @  
1600 RPM, 2600 RPM Governed  
Speed, 200 Peak HP (Max)

12XCC - RADIATOR Aluminum,  
2-Row, Down Flow, Front to  
Back System, 640 SqIn  
Louvered, with 383 SqIn  
Charge Air Cooler, Includes  
In-Tank Oil Cooler

12TSY - FAN DRIVE {Borg-Warner  
SA85} Viscous Type, Screw On  
\* FAN Nylon

12VCE - AIR CLEANER Single  
Element, Fire Retardant  
Media

12703 - ANTI-FREEZE Red,  
Extended Life Coolant; To  
-40 Degrees F/ -40 Degrees  
C, Freeze Protection

12VXT - THROTTLE, HAND CONTROL  
Engine Speed Control;  
Electronic, Stationary,  
Variable Speed; Mounted on  
Steering Wheel

Refer To General Info for Metric Conversion Tables

**INTERNATIONAL® MV SERIES SECTION 096 - STANDARD EQUIPMENT**  
**PLM-282 REVISION NO. 322 PAGE 096-2**

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**04/15/2022**  
**SUBJECT TO CHANGE WITHOUT NOTICE**

All Taxes Extra, when Applicable

**INTERNATIONAL®****MV****SERIES MEDIUM DUTY****MV607 SBA LP****STANDARD EQUIPMENT****MODEL CODE: MV60H00****13 TRANSMISSION**

13APZ - TRANSMISSION, AUTOMATIC {Allison 1000 HS} 5th Generation Controls, Close Ratio, 5-Speed with Overdrive, Less PTO Provision, Less Retarder, Includes Park Pawl, with 19,500-lb GVW and 26,000-lb 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**

14AJE - AXLE, REAR, SINGLE {Dana Spicer S16-130} Single Reduction, 15,500-lb Capacity, 190 Wheel Ends  
\* RATIO: 3.73, 3.91, 4.10, 4.30, 4.56, 4.78, 4.88, 5.13, 5.38, 5.57, 6.14 OR 6.50

**14B SUSPENSION, REAR**

14SAE - SUSPENSION, REAR, SINGLE 15,500-lb Capacity, Vari-Rate Springs

**15 FUEL TANKS**

15SWU - FUEL TANK Top Draw, Non-Polished Aluminum, D-Style, 16" Tank Depth, 40 US Gal (151L), Mounted Left Side, Under Cab

15WDG - DEF TANK 7 US Gal (26L) Capacity, Frame Mounted Outside Left Rail, Under Cab

15LMR - FUEL/WATER SEPARATOR {Racor 400 Series,} with Primer Pump, Includes Water-in-Fuel Sensor

**16 CAB**

16030 - CAB Conventional, Day Cab

\* CLEARANCE/MARKER LIGHTS (5) Flush Mounted

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

**16 CAB****(CONT.)**

\* SUN VISOR (2) Padded Vinyl; 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Toll Ticket Strap

16VLM - CAB REAR SUSPENSION Rubber Suspension, for Low Cab Height

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 Gauge, Oil Pressure Gauge, Primary and Secondary Air Pressure or Auxiliary Air Pressure (if Air Equipped)  
\* 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 (if Air Equipped)

16BAL - HEATER

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

16JXG - SEAT, FRONT BENCH {National} Full Width;

Vinyl, with Fixed Mid Back

16XCK - WINDOW, MANUAL (2) and Manual Door Locks, Left and Right Doors

**27/28 WHEELS & TIRES**

27DTX - WHEELS, FRONT {Accuride 50180} DISC; 19.5x6.75 Rims, Powder Coat Steel, 4-Hand Hole, 8-Stud, 275mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

**27/28 WHEELS & TIRES (CONT.)**

28DTX - WHEELS, REAR {Accuride 50180} DUAL DISC; 19.5x6.75 Rims, Powder Coat Steel, 4-Hand Hole, 8-Stud, 275mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

778945 5433 (02) 245/70R19.5

16-PR LR-H SINGLE FRONT RADIAL TIRES {Continental Tire HYBRID HS3}

778945 5433 (04) 245/70R19.5

16-PR LR-H DUAL REAR RADIAL TIRES {Continental Tire HYBRID HS3}

**40 WARRANTY**

40129 - WARRANTY Standard for MV Series, Effective with Vehicles Built July 1, 2017 or Later, CTS-2020A