

STANDARD CHASSIS SPECIFICATIONS

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Rating		4x2 (lbs)	6x4 (lbs)
Min GAW	front	8,000	10,000
Min GAW	rear	13,500	34,000
Min GVW	total	21,500	44,000
Max GAW	front	14,700	14,700
Max GAW	rear	30,000	40,000
Max GVW*	total	44,700*	54,700
Min GCW		-	-
Max GCW		-	-

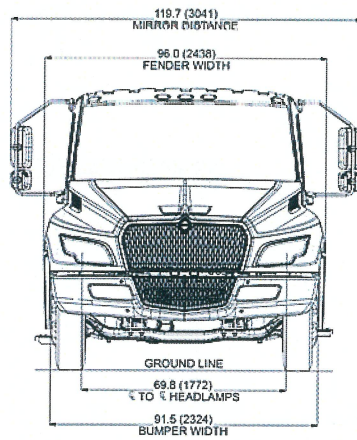
* = Maximum is 37,000 lb with Cummins B6.7 engine.

NOTE: Model Code and Wheelbase Must Be Specified on Order.

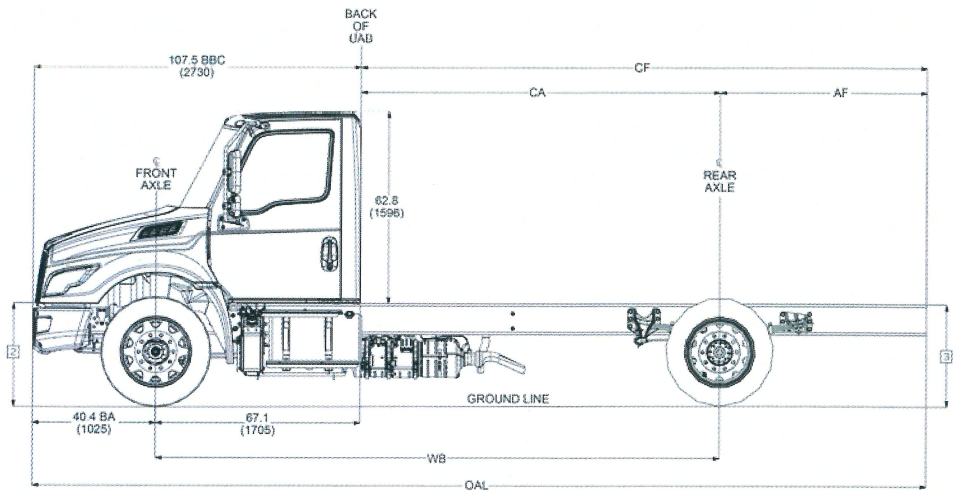
MV607 SBA

MODEL CODE: MV607

NOTE: 4x2 Axle Configuration is Standard



MV_front



MV607_day_cab_lsv

Wheelbase (in.)	Chassis Weight (lbs.) **			Dimensions (in.)				Turning Radius	
	Front	Rear	Total	CA	CF	AF	OAL	Curb Clearance	Wall Clearance
128				61	100	39	207	19 ft. 0 in.	20 ft. 2 in.
*140	5,354	2,774	8,128	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 - 33.69", loaded - 31.73"

[3] Frame Height at centerline of rear axle: unloaded - 35.56", loaded - 32.02"

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****STANDARD EQUIPMENT****MODEL CODE: MV60700****01 FRAMES**

01ANA - AXLE CONFIGURATION
{Navistar} 4x2

NOTE: Pricing may change if
axle configuration is
changed.

01CAC - FRAME RAILS High
Strength Low Alloy Steel
(50,000 PSI Yield); 10.125"
x 3.062" x 0.312" (257.2mm x
77.8mm x 8.0mm); 489.2"
(12425mm) Maximum OAL

01LNG - 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
Quadrauc} Hydraulic Disc
Type, with Four 70mm
Diameter Pistons, 12,000-lb
Capacity

04XCX - BRAKES, REAR {Meritor
Quadrauc} 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 AV1160P2013}
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, PI-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
PLM-282 REVISION NO. 322

SERIES SECTION 095 - STANDARD EQUIPMENT

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**INTERNATIONAL®****MV****SERIES MEDIUM DUTY****MV607 SBA****STANDARD EQUIPMENT****MODEL CODE: MV60700****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 816-130} 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

14VAC - SUSPENSION, REAR, SINGLE 15,500-lb Capacity, Vari-Rate Springs, with 4500-lb Capacity Auxiliary Rubber 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

* 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

27DTU - WHEELS, FRONT {Accuride 29001} DISC; 22.5x7.50 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

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

28DTU - WHEELS, REAR {Accuride 29001} DUAL DISC; 22.5x7.50 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
775252 5809 (02) 255/70R22.5
16-PR LR-H SINGLE FRONT RADIAL TIRES {Hankook Tire AH37}

775252 5809 (04) 255/70R22.5
16-PR LR-H DUAL REAR RADIAL TIRES {Hankook Tire AH37}

40 WARRANTY

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

INTERNATIONAL® MV SERIES SECTION 095 - STANDARD EQUIPMENT Refer To General Info for Metric Conversion Tables

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