

Prepared For:

Rosenbauer South Dakota - MV607 14/26 2DR
RANDY BRUMMEL
P.O BOX 57
Lyons, SD 57041-
(606)543 - 5591
Reference ID: 14/26 2DR

Presented By:

Cumberland International Trucks
Chris Randall
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Orlando FL 32810 -
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Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.

**Model Profile
2023 MV607 SBA (MV607)**

AXLE CONFIG:	4X2
APPLICATION:	Fire/Pumper
MISSION:	Requested GVWR: 40000. Calc. GVWR: 40000. Calc. GCWR: 80000 Calc. Start / Grade Ability: 0.00% / 0.00% @ 0 MPH Calc. Geared Speed: N/A
DIMENSION:	Wheelbase: 191.00, CA: 123.90, Axle to Frame: 75.00
ENGINE, DIESEL:	{Cummins L9 360} EPA 2021, 360HP @ 2200 RPM, 1150 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 359 Peak HP (Max)
TRANSMISSION, AUTOMATIC:	{Allison 3000 EVS} 5th Generation Controls, Close Ratio, 5-Speed with Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, Max, GVW N/A
CLUTCH:	Omit Item (Clutch & Control)
AXLE, FRONT NON-DRIVING:	{Meritor MFS-14-143A} Wide Track, I-Beam Type, 14,000-lb Capacity
AXLE, REAR, SINGLE:	{Dana Spicer S26-190} Single Reduction, 26,000-lb Capacity, R Wheel Ends Gear Ratio: 5.25
CAB:	Conventional, Day Cab
TIRE, FRONT:	(2) 12R22.5 Load Range H ENDURANCE RSA (GOODYEAR), 482 rev/mile, 75 MPH, All-Position
TIRE, REAR:	(4) 12R22.5 Load Range H G622 RSD (GOODYEAR), 482 rev/mile, 75 MPH, Drive
SUSPENSION, REAR, SINGLE:	31,000-lb Capacity, Vari-Rate Springs, with 4500-lb Capacity Auxiliary Rubber Springs
PAINT:	Cab schematic 100WP Location 1: 2304, Red (Prem) Chassis schematic 932WP Wheel: 2304, Red (Prem)

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
Base Chassis, Model MV607 SBA with 191.00 Wheelbase, 123.90 CA, and 75.00 Axle to Frame.	5354/2774	8128

AXLE CONFIGURATION

AXLE CONFIGURATION {Navistar} 4x2	0/0	0
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Notes

: Pricing may change if axle configuration is changed.

ENGINE

ENGINE, DIESEL {Cummins L9 360} EPA 2021, 360HP @ 2200 RPM, 1150 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 359 Peak HP (Max)	570/-6	564
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CARB EMISSION WARR COMPLIANCE Federal, Does Not Comply with CARB Emission Warranty	0/0	0
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CARB IDLE COMPLIANCE Engine Shutdown System Exempt Vehicles, Complies with California Clean Air Regulations	0/0	0
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EMISSION, CALENDAR YEAR {Cummins L9} EPA, OBD and GHG Certified for Calendar Year 2022	0/0	0
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RADIATOR Aluminum, 2-Row, Cross Flow, Over Under System, 1045 SqIn Louvered, with 373 SqIn Charge Air Cooler, Includes In-Tank Oil Cooler	2/3	5
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Includes

: DEAERATION SYSTEM with Surge Tank

: HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps

: RADIATOR HOSES Premium, Rubber

FAN DRIVE {Horton Drivemaster} Two-Speed Type, Direct Drive, with Residual Torque Device for Disengaged Fan Speed	11/-1	10
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Includes

: FAN Nylon

AIR CLEANER with Service Protection Element	0/0	0
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ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection	0/0	0
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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	0/0	0
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ENGINE WATER COOLER {Sen-Dure} Auxiliary, For Use with Fire Trucks	6/0	6
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FAN OVERRIDE Manual; with Electric Switch on Instrument Panel, (Fan On with Switch On)	0/0	0
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THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel	0/0	0
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TRANSMISSION

TRANSMISSION, AUTOMATIC {Allison 3000 EVS} 5th Generation Controls, Close Ratio, 5-Speed with Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, Max, GVW N/A	225/58	283
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ALLISON SPARE INPUT/OUTPUT for Emergency Vehicle Series (EVS), Fire/Pumper, Tank, Aerial/Ladder, Package Number 198, Includes J1939 Based Auto Neutral	0/0	0
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NEUTRAL AT STOP OMIT	0/0	0
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PROVISION FOR PTO Top Mount; with Allison 3000 Transmission	0/0	0
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PTO LOCATION Dual, Customer Intends to Install PTO at Left Side and/or Top of Transmission	0/0	0
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SHIFT CONTROL PARAMETERS {Allison} 3000 or 4000 Series Transmissions, Performance Programming	0/0	0
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Description	F/R Wt (lbs)	Tot Wt (lbs)
TRANSMISSION FEATURE EFFECTS for Allison Prognostics-Disable Oil Life, Filter Life, Transmission Health Monitoring Functionality and Messaging	0/0	0
TRANSMISSION OIL Synthetic; 29 thru 42 Pints	0/0	0
TRANSMISSION SHIFT CONTROL Column Mounted Stalk Shifter, Not for Use with Allison 1000 & 2000 Series Transmission	1/0	1
CLUTCH		
CLUTCH Omit Item (Clutch & Control)	0/0	0
REAR AXLES, SUSPENSIONS		
AXLE, REAR, SINGLE {Dana Spicer S26-190} Single Reduction, 26,000-lb Capacity, R Wheel Ends . Gear Ratio: 5.25	0/535	535
SUSPENSION, REAR, SINGLE 31,000-lb Capacity, Vari-Rate Springs, with 4500-lb Capacity Auxiliary Rubber Springs	0/136	136
FRONT AXLES		
AXLE, FRONT NON-DRIVING {Meritor MFS-14-143A} Wide Track, I-Beam Type, 14,000-lb Capacity	108/0	108
FRONT SUSPENSIONS		
SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 14,000-lb Capacity, with Shock Absorbers	74/0	74
<u>Includes</u> : SPRING PINS Rubber Bushings, Maintenance-Free		
CABS, COWLS, BODIES		
CAB Conventional, Day Cab	0/0	0
<u>Includes</u> : CLEARANCE/MARKER LIGHTS (5) Flush Mounted		
ACCESS, CAB Steel, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab and Extended Cab	0/0	0
AIR CONDITIONER with Integral Heater and Defroster	56/0	56
CAB INTERIOR TRIM Classic, for Day Cab	0/0	0
<u>Includes</u> : 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 : SUN VISOR (2) Padded Vinyl; 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Toll Ticket Strap		
CAB, INTERIOR TRIM, CLOSEOUT Under IP, Driver Side	0/0	0
CAB REAR SUSPENSION Air Suspension, for Mid Cab Height	42/0	42
CAB SOUND INSULATION Includes Dash Insulator and Engine Cover Insulator	8/0	8
GAUGE CLUSTER Base Level; English with English Electronic Speedometer	0/0	0
<u>Includes</u>		

Description

: 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
 : 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)

	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
GAUGE, AIR CLEANER RESTRICTION {Filter-Minder} with Black Bezel, Mounted in Instrument Panel	2/0	2
GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission	1/0	1
GAUGE, TEMPERATURE, AMBIENT Sensor Wiring with Display Unit Mounted in Cluster	0/0	0
GRAB HANDLE, EXTERIOR (2) Chrome, Towel Bar Type, with Anti-Slip Rubber Inserts, for Cab Entry Mounted Left and Right Side at B-Pillar	6/0	6
GRAB HANDLE, CAB INTERIOR (2) Safety Yellow	0/0	0
INSTRUMENT PANEL Flat Panel	0/0	0
IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	0/0	0
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	0/0	0

Notes

: Mirror Dimensions are Rounded to the Nearest 0.5"

SEAT BELT All Red; 1 to 3	0/0	0
SEAT, DRIVER {National 2000} NFPA Compliant, Air Suspension, High Back with Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, 2 Position Front Cushion Adjust, -3 to +14 Degree Back Angle Adjust	-14/-4	-18
SEAT, PASSENGER {National} Non Suspension, High Back, Fixed Back, Integral Headrest, Vinyl	16/7	23
SEATBELT WARNING PREWIRE Includes Seat Belt Switches and Seat Sensors for all Belted Positions in the Cab and a Harness Routed to the Center of the Dash for the Aftermarket Installation of the Data Recorder and Seatbelt Indicator Systems, for 1 to 3 Seat Belts	0/0	0
WINDOW, MANUAL (2) and Manual Door Locks, Left and Right Doors	0/0	0

FRAMES

FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.375" x 3.705" x 0.438" (263.5mm x 94.1mm x 11.1mm); 456.0" (11582mm) Maximum OAL	220/490	710
BUMPER, FRONT Contoured, Steel, Chrome Plated	-11/1	-10
TOW HOOK, FRONT (2) Frame Mounted	8/0	8
WHEELBASE RANGE 134" (340cm) Through and Including 197" (500cm)	75/-75	0

BRAKES

BRAKE SYSTEM, AIR Dual System for Straight Truck Applications	-32/-18	-50
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Includes

: BRAKE LINES Color and Size Coded Nylon
 : DRAIN VALVE Twist-Type
 : GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster
 : PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel
 : PARKING BRAKE VALVE For Truck

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
: QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4 : SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4/8x6		
AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Full Vehicle Wheel Control System	9/21	30
BRAKES, FRONT {Meritor 16.5X5 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 5", 14,700-lb Capacity	124/0	124
BRAKE CHAMBERS, FRONT AXLE {Haldex} 20 Sqn	13/0	13
SLACK ADJUSTERS, FRONT {Gunite} Automatic	14/0	14
DUST SHIELDS, FRONT BRAKE for Air Cam Brakes	10/0	10
BRAKES, REAR {Meritor 16.5X7 P} Air S-Cam Type, Cast Spider, Cast Shoe, Double Anchor Pin, Includes Greaseable and Zinc Coated Anchor Pins, Size 16.5" X 7", 38,000-lb Capacity per Axle	0/249	249
BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 Sqn Spring Brake	0/39	39
SLACK ADJUSTERS, REAR {Gunite} Automatic	0/14	14
BRAKE CHAMBERS, POSITION Relocated To Rear Of Rear Axle For Maximum Ground Clearance	0/0	0
DUST SHIELDS, REAR BRAKE for Air Cam Brakes	0/10	10
AIR COMPRESSOR {Cummins} 18.7 CFM	37/1	38
AIR DRYER {Bendix AD-9} with Heater	18/10	28
AIR DRYER LOCATION Mounted Inside Left Rail, Back of Cab	14/7	21
AIR TANK LOCATION (2) : One Mounted Under Each Rail, Front of Rear Suspension, Parallel to Rail	4/80	84
DRAIN VALVE {Bendix DV-2} Automatic, with Heater, for Air Tank	2/0	2

STEERING

STEERING GEAR {Sheppard HD94} Power	12/0	12
STEERING COLUMN Tilting	14/2	16
STEERING WHEEL 4-Spoke; 18" Dia., Black	0/0	0

DRIVELINES

DRIVELINE SYSTEM {Dana Spicer} SPL170, for 4x2/6x2	7/31	38
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EXHAUST SYSTEMS

EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Right Side Under Cab, for Single Short Horizontal Tail Pipe, Frame Mounted Right Side Back of Cab	56/-5	51
AFTERTREATMENT COVER Steel, Black	11/2	13
ENGINE EXHAUST BRAKE for Cummins ISB/B6.7/ISL/L9 Engine with Variable Vane Turbo Charger	0/0	0
SWITCH, FOR EXHAUST 3 Position, Momentary, Lighted Momentary, ON/CANCEL, Center Stable, INHIBIT REGEN, Mounted in IP Inhibits Diesel Particulate Filter Regeneration When Switch is Moved to ON While Engine is Running, Resets When Ignition is Turned OFF	2/0	2
TAIL PIPE (1) Horizontal, Short, Exits Right Side, 90 Degree Turnout	14/9	23

ELECTRICAL SYSTEMS

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
ELECTRICAL SYSTEM 12-Volt, Standard Equipment	0/0	0
<u>Includes</u>		
: 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		
ALTERNATOR {Leece-Neville BLP4006HN} Brushless, 12 Volt, 325 Amp Capacity, Pad Mount, with Remote Sense	17/0	17
ANTENNA for Increased Roof Clearance Applications	1/0	1
BATTERY BOX Steel, with Aluminum Cover, 14" Wide, 2-3 Battery Capacity, Mounted Left Side Under Cab	11/13	24
BATTERY DISCONNECT SWITCH for Cab Power Disconnect Switch, Disconnects Power to Power Distribution Center (PDC) and Body Builder Through Solenoid, Does Not Disconnect Charging Circuits, Locks with Padlock, Cab Mounted	0/0	0
BATTERY SYSTEM {Fleetrite} Maintenance-Free, (3) 12-Volt 1980CCA Total, Top Threaded Stud	29/24	53
BODY BUILDER WIRING To Rear of Frame, with Stop, Tail, Turn, and Marker Lights Circuits, Ignition Controlled Auxiliary Feed and Ground, Less Trailer Socket	2/0	2
BODY BUILDER WIRING,PARK BRAKE Includes Wiring of Park Brake, Low Signal Output	1/0	1
CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses	0/0	0
CIGAR LIGHTER Includes Ash Cup	1/0	1
CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade	1/0	1
COURTESY LIGHT (2) Mounted In Front Map Pocket Left and Right Side	1/0	1
DATA RECORDER Includes Display Mounted in Overhead Console	2/0	2
HEADLIGHTS Halogen, with Daytime Running Lights	0/0	0
HORN, AIR Single Trumpet, Black, with Lanyard Pull Cord	3/0	3
HORN, ELECTRIC Disc Style	0/0	0
IGNITION SWITCH Keyless	2/0	2
INDICATOR, BATTERY WARNING Green BATTERY ON Indicator, Mounted on Left Side of Instrument Panel, To be Used with Factory Installed or Customer Mounted Battery Disconnect Switch	1/0	1
INDICATOR, LOW COOLANT LEVEL with Audible Alarm	0/0	0
POWER SOURCE Cigar Type Receptacle without Plug and Cord	1/0	1
POWER SOURCE, ADDITIONAL Auxiliary Power Outlet (APO) & USB Port, Located in the Instrument Panel	1/0	1
RADIO Omit, Includes Wiring and Antenna	0/0	0

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
SPEAKERS Omit	0/0	0
STARTING MOTOR {Mitsubishi Electric Automotive America 105P} 12-Volt, with Soft-Start	10/0	10
SWITCH, AIR HORN, PASSENGER Fire Truck Application; Momentary Switch Located in Instrument Panel Close to Passenger, Driver Also To Activate Switch with Lanyard	0/0	0
TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	0/0	0
TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender	0/0	0
FRONT END		
FRONT END Tilting, Fiberglass, with Three Piece Construction	0/0	0
GRILLE Chrome	0/0	0
GRILLE EMBER SCREEN Mounted to Grille and Cowl Tray to Keep Hot Embers out of Engine and HVAC Air Intake System	3/0	3
LOGOS EXTERIOR Model Badges	0/0	0
LOGOS EXTERIOR, ENGINE Badges	0/0	0
SPEEDOMETER, TOOLS, MISC		
FIRE EXTINGUISHER 5 lb Class A B C	8/2	10
FIRE EXTINGUISHER BRACKET Mounted Left Side Driver Seat	1/0	1
KEYS - ALL ALIKE, ID I-1003 Compatible with Z-001	0/0	0
MUD FLAPS, FRONT WHEELS (2) Rubber, Mounted on Fender Extension	12/0	12
PAINT IDENTITY, PT-2 Single Color, Instruction No. 932. Wheels	0/0	0
PAINT SCHEMATIC, PT-1 Single Color, Design 100	0/0	0
<u>Includes</u>		
: PAINT SCHEMATIC ID LETTERS "WP"		
PAINT TYPE Base Coat/Clear Coat, 1-2 Tone	0/0	0
PROMOTIONAL PACKAGE Government Silver Package	0/0	0
SAFETY TRIANGLES	6/0	6
PAINT CLASS Premium Color	0/0	0
FUEL TANKS		
FUEL TANK Top Draw, Non-Polished Aluminum, 24" Dia, 50 US Gal (189L), Mounted Left Side, Under Cab	11/-2	9
DEF TANK 5 US Gal (19L) Capacity, Frame Mounted Outside Left Rail, Under Cab	0/17	17
FUEL COOLER Less Thermostat; Mounted in Front of Cooling Module	0/0	0
FUEL/WATER SEPARATOR {Racor 400 Series,} with Primer Pump, Includes Water-in-Fuel Sensor	0/0	0
LOCATION FUEL/WATER SEPARATOR Mounted Inboard of 5 Gallon DEF Tank, Under Cab	0/0	0
WHEELS, TIRES - FRONT		

Description

	F/R Wt	Tot Wt
	(lbs)	(lbs)
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	-10/0	-10
(2) TIRE, FRONT 12R22.5 Load Range H ENDURANCE RSA (GOODYEAR), 482 rev/mile, 75 MPH, All-Position	96/0	96

WHEELS, TIRES - REAR

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	0/-20	-20
(4) TIRE, REAR 12R22.5 Load Range H G622 RSD (GOODYEAR), 482 rev/mile, 75 MPH, Drive	0/180	180

BODY INTEGRATION

BDY INTG, I/O EXP HARNESS {for Diamond Logic Builder} In-Cab wire harness (DLB) program only, Includes a harness with five blunt cut wires routed on lower left of instrument panel. Two ground active inputs and two (.5Amp) relay drivers outputs are provided	0/0	0
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Cab schematic 100WP

Location 1: 2304, Red (Prem)

Chassis schematic 932WP

Wheel: 2304, Red (Prem)

Services Section:**WARRANTY**

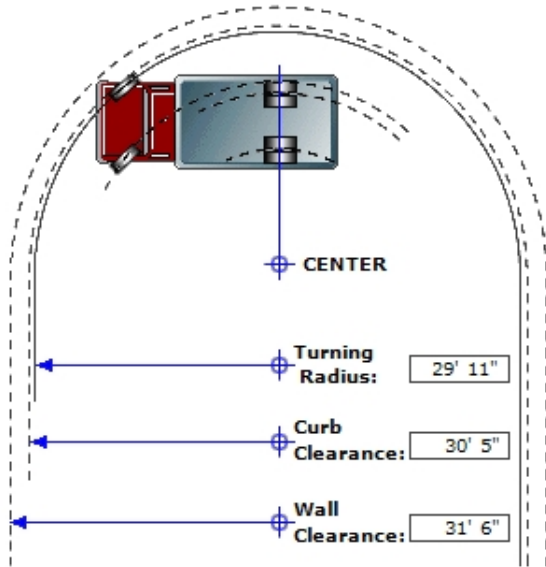
WARRANTY Standard for MV Series, Effective with Vehicles Built July 1, 2017 or Later, CTS-2020A	0/0	0
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Total Component Weight:	7300/4584	11884
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Pre-Delivery and Programming	0/0	0
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Total Goods Purchased:	0/0	0
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The weight calculations included in this proposal are an estimate of future vehicle weight. The actual weight as manufactured may be different from the estimated weight. Navistar, Inc. shall not be liable for any consequences resulting from any differences between the estimated weight of a vehicle and the actual weight.



Series: MV
 Model: MV607
 Description: MV607 SBA
 Model Year: 2023

Calculation Factors

Wheelbase: 191
 Front Axle: 0002ARV
 Description: AXLE, FRONT NON-DRIVING, {Meritor MFS-14-143A} Wide Track, I-Beam Type, 14,000-lb Capacity
 Front Wheel: 0027DUW
 Description: 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
 Front Tire: 07382158132
 Description: TIRES, 12R22.5 Load Range H ENDURANCE RSA (GOODYEAR), 482 rev/mile, 75 MPH, All-Position
 Steering Gear: 0005PSM
 Description: STEERING GEAR, {Sheppard HD94} Power

Turning Radius Statistics

General Information

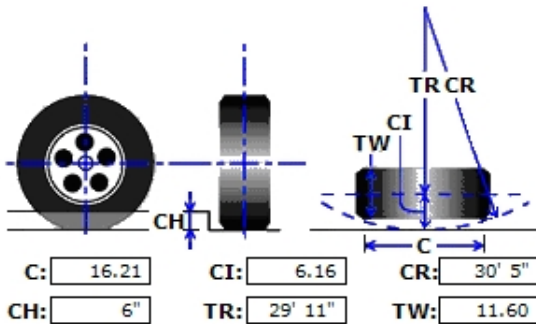
Inside Turn Angle: 42 Degrees
 Radial Overhang: 19

Axle Information

KingPin Inclination: 6.25 Degrees
 KingPin Center: 71.5

Turning Radius - Curb View

C - Curb Contact Length: 16.21
 CI - Curb Clearance Increment: 6.16
 CR - Curb Clearance Radius: 30'5"
 CH - Curb Height: 6"
 TR - Turning Radius: 29'11"
 TW - Tire Width: 11.60



* All Measurements are in inches, unless otherwise specified.

This information is based on engineering information available at this time. Actual figures may vary. Navistar, Inc. cannot accept liability for consequences due to this variance.

(0012ESP)

ATTACHMENTS: 0015WCN 0012VXT 0012THT 0007WZX 0007SCP

<u>Parameter</u>	<u>Value</u>	<u>UOM</u>
Max Accelerator Vehicle Speed	70	MPH
Road Speed Governor Upper Droop	3	MPH
Road Speed Governor Lower Droop	0	MPH
Max Engine Speed No Veh Speed Sensr	2184	RPM
Idle Speed Adjustment Enable	Y, ENABLE FEATURE OR FUNCTION	N/A
Low Idle Speed	750	RPM
Idle Shutdown Enable	N, DISABLE FEATURE OR FUNCTION	N/A
ISD Time Before Shutdown	15.0	MIN
ISD Percent Engine Loading	100	%
ISD In PTO	N, DISABLE FEATURE OR FUNCTION	N/A
ISD Manual Override	N, DISABLE FEATURE OR FUNCTION	N/A
ISD With Parking Brake Set	N, DISABLE FEATURE OR FUNCTION	N/A
ISD Ambient Temperature Override	N, DISABLE FEATURE OR FUNCTION	N/A
ISD Cold Ambient Air Temperature	30	F
ISD Intermediate Ambient Air Temp	40	F
ISD Hot Ambient Air Temperature	81	F
ISD Manual Override Inhibit Zone En	N, DISABLE FEATURE OR FUNCTION	N/A
ISD Hot Ambient Automatic Override	Y	N/A
ISD Engine Coolant Temp Threshold	53	F
Cruise Control Enable	Y, ENABLE FEATURE OR FUNCTION	N/A
CC Maximum Vehicle Speed	70	MPH
CC Save Set Speed	N, DISABLE FEATURE OR FUNCTION	N/A
CC Upper Droop	3.0	MPH
CC Lower Droop	0.0	MPH
CC Auto Resume	N, DISABLE FEATURE OR FUNCTION	N/A
CC Ovrspd Retard Activation Enable	N, DISABLE FEATURE OR FUNCTION	N/A
CC Overspeed for Max Retarder	0.0	MPH
CC Overspeed for Min Retarder	0.0	MPH
Retarder - Min Vehicle Speed	10	MPH
Retarder - Delay Time	0.5	SEC
Retarder - Service Brake Activation	N, DISABLE FEATURE OR FUNCTION	N/A
Remote Accelerator Enable	N, DISABLE FEATURE OR FUNCTION	N/A
Remote Accelerator Mode	1, REMOTE ACCELERATOR PEDAL OR LEVER WITH TRANS VERIFICATION	N/A
PTO Enable	Y, ENABLE FEATURE OR FUNCTION	N/A
PTO In Cab Mode	Y, ENABLE FEATURE OR FUNCTION	N/A
Remote PTO Enable	N, DISABLE FEATURE OR FUNCTION	N/A
Remote Station PTO Enable	N, DISABLE FEATURE OR FUNCTION	N/A
PTO Max Engine Speed	2200	RPM
PTO Min Engine Speed	750	RPM
PTO Maximum Engine Load	800	LB-FT
PTO Max Vehicle Speed	2	MPH
PTO Accelerator Override	N, DISABLE FEATURE OR FUNCTION	N/A
PTO Accel Override Max Engine Speed	2400	RPM
PTO Clutch Override	N, DISABLE FEATURE OR FUNCTION	N/A
PTO Service Brake Override	Y, ENABLE FEATURE OR FUNCTION	N/A
PTO Parking Brake Interlock Mode	1, PTO PRK BRK INT TYPE SET TO CAB ONLY	N/A
PTO Transmission Neutral Interlock	N, DISABLE FEATURE OR FUNCTION	N/A
PTO Eng Spd Limit w/VSS Limit	N, DISABLE FEATURE OR FUNCTION	N/A
PTO Ignore Vehicle Speed Sensor	N, DISABLE FEATURE OR FUNCTION	N/A
PTO Resume Switch Speed	925	RPM
PTO Set Switch Speed	850	RPM
PTO Additional Switch Speed	950	RPM
PTO Ramp Rate	250	RPM/SEC
Remote PTO Number of Speed Settings	1	N/A

Remote PTO Speed Setting 1	1000	RPM
Remote PTO Speed Setting 2	1200	RPM
Remote PTO Speed Setting 3	1400	RPM
Remote PTO Speed Setting 4	1400	RPM
Remote PTO Speed Setting 5	1500	RPM
Remote Station PTO Resume Sw Spd	1000	RPM
Remote Station PTO Set Switch Speed	1500	RPM
Remote Station PTO Addition Sw Spd	1500	RPM
Transmission Driven PTO	N, DISABLE FEATURE OR FUNCTION	N/A
Transmission Driven PTO Type	0, ENGINE DRIVEN STEADY LOAD	N/A
Powertrain Protection Enable	N, DISABLE FEATURE OR FUNCTION	N/A
Max Torque Allow By Axle/Driveshaft	23602	LB-FT
Max Torque in Top Gear Range	2995	LB-FT
Max Torque in Int. Gear Range	2995	LB-FT
Max Torque in Low Gear Range	2995	LB-FT
Max Torque w/o Vehicle Speed	1475	LB-FT
Lowest Gear of Top Gear Range	2.00	N/A
Lowest Gear of Int. Gear Range	3.00	N/A
Lowest Gear of Low Gear Range	6.00	N/A
Engine Protection Shutdown	Y, ENABLE FEATURE OR FUNCTION	N/A
Engine Protection Restart Inhibit	Y, ENABLE FEATURE OR FUNCTION	N/A
Engine Prot Coolant Level Shutdown	N, DISABLE FEATURE OR FUNCTION	N/A
Trip Information Vehicle Ovrsped1	77	MPH
Trip Information Vehicle Ovrsped2	79	MPH
Maintenance Monitor Enable	N	N/A
Maintenance Monitor Operating Mode	0, MAINTENANCE MONITOR AUTOMATIC MODE OF OPERATION	N/A
Maintenance Monitor Alert Percent	90	%
Maintenance Monitor Distance	15000	MILES
Maintenance Monitor Fuel	2000	GALLONS
Maintenance Monitor Time	500	HOURS
Maintenance Monitor Interval Factor	1.00	N/A
Master Password	000000	N/A
Adjustment Password	000000	N/A
Reset Password	000000	N/A

These Electronic Parameters have been successfully finalized