

# MACCK<sup>®</sup>

vocational

- Dump
- Construction



## GRANITE

AXLE BACK

Medium Heavy Duty

**4x2**

**GU532**

### STANDARD POWERTRAIN SPECIFICATIONS

#### **ENGINE: Cummins ISL9 345**

Peak Horsepower – 345HP at 1900 RPM  
Horsepower – 330 HP at 2100 Gov. RPM  
Max. Torque – 1150 lb/ft at 1400 RPM  
V-MAC IV – Total Vehicle Electronics  
Air Compressor – 318 (18.7 cfm)  
Air Cleaner – 11" Single Element  
Alternator – Delco 12V 130A (24SI)  
Batteries, (2) Mack 12V 1000/2000 CCA Threaded Stub Type  
Coolant Protection, -34°F (-37°C)  
Diesel Particulate Filter – Horizontal RH Side Under Cab  
Exhaust After Treatment System – Cummins Diesel  
Particulate Filter with SCR  
Silicone Engine Hoses and Tubing  
Poly-V Fan Belt w/Automatic Tensioner  
Fan Drive, Horton DMA2S Multispeed On/Off  
Flywheel Housing – Aluminum (Lightweight)  
Fuel Water Separator w/Water in Fuel Sensor  
Mack EPDM Radiator & Heater Hoses  
Radiator – Aluminum Core  
Starter – 12V Gear Reduction  
Electronic Starter Interlock  
Electric Preheater

#### **TRANSMISSION: Eaton FRO 11210C**

10-Speed, Ratios: 12.69 Low – 0.74 High  
Clutch – Eaton Advantage EZ Pedal - 15.5" 7-Spring, 2 Plate  
Ceramic 4 Paddle Manual Adjust  
Mechanical Cable Clutch  
Transmission Bell Housing – Iron  
Main Driveline –  
Meritor 17 MXL  
Xtended Lube™

SPECIFICATIONS



**STANDARD POWERTRAIN SPECIFICATIONS** (Continued)

**REAR AXLE: Meritor RS21-145**

21,000 lb Capacity  
Tires – 11R22.5  
Carrier – Meritor Single Reduction  
Wheels – Steel Disc (8) 22.5" x 8.25" 10-Hole Hub Piloted  
Hub Material – Ferrous  
Brakes – Bendix "S" Cam 16.5" x 7" Cast Spider  
Brake Drums – Cast Outboard Mounted  
Rear Brake Lining  
Rear Wheel Seals  
Slack Adjusters – Automatic  
Suspension – 21,000 lb. Multi-Leaf  
Spring Brake Chambers – (2) 30/30 Double Diaphragm Type/Mechanical Spring Release

**FRONT AXLE: MACK FXL12**

12,000 lb. Capacity  
Tires – 11R22.5  
Wheels – Steel Disc (2) 22.5" x 8.25" 10-Hole Hub Piloted  
Hub Material – Ferrous  
Brakes – Bendix "S" Cam 16.5" x 5" Cast Spider  
Brake Drums – Cast Outboard Mounted  
Front Brake Lining  
Front Wheel Seals – Integrated  
Shock Absorbers – Double Acting Type  
Slack Adjusters – Automatic  
Suspension – Mack Taperleaf 12,000 lb. Ground Load Rating (2 Leaf Spring)  
Steering – TRW TAS66

**STANDARD CAB INTERIOR/EXTERIOR SPECIFICATIONS**

**CAB: CA68 CONVENTIONAL**

Integral Heater  
Ash Tray  
Cab Mounting – Four Point System w/2 Air Bags and Shocks at Rear  
Cigar Lighter  
Coat Hook  
Co-Pilot Enhanced Driver Display with Button and Stalk Control  
Cup Holders, Driver's & Rider's Side  
Dome Lights, 2 Lamps LH/ 2 Lamps RH  
Galvanized Steel Visibility Doors  
Door Trim – Padded w/Vinyl Arm Rest Pads  
Engine Shutoff – Key Type  
Floor Mats, Mack Signature Polyurethane  
Gauges – Air Pressure, Engine Coolant Temperature, Engine Oil Pressure, Engine Oil Temperature, Speedometer, Tachometer, Fuel Level  
Gauge Cluster – Exhaust Pyrometer & Transmission Oil Temperature Gauges  
Grab Handles, Aluminum RH & LH Behind Door  
Grille – Radiator Mounted w/Black Finished Bars w/o Grille Surround  
Hood – DCPD Liquid Mold Resin with Forward tilt 75°  
Fenders – High Impact Polypropylene w/Wheel Splash Aprons and Black Polyarmour Mud Flaps  
Horn – Twin Under Cab Trumpet  
Identification and Clearance Lights (5)  
Instrument Panel – Charcoal w/Black Gage Bezel  
Interior Trim: Purebred – Slate Gray  
Keys – (2) Keyed at Random

Low Air Pressure Indicator Light and Buzzer  
Exterior Mirrors –RH & LH Bulldog Bright Finish w/Stainless Steel Arms  
Overhead Console, 2 Storage Compartments w/Net Retainers with Center Mounting for CB Provisions  
Parking Brake On Indicator Light  
12 Volt Auxiliary Power Outlets (2) – Dash Mounted  
Radio Accommodation Package includes: Antenna, Power Supply, 2-Speakers (No Radio)  
Driver Seat – Bostrom Talladega 915 Mid-Back Air Suspension  
Seat Belts – Lap and Shoulder w/Cab Mounted Shoulder Belt  
Key Type Starter Switch  
Steering Column, Fixed  
Steering Wheel – Two Spoke Urethane Grip Painted Spokes & Bulldog Horn Cap  
Interior Sun Visor- Driver Side Only  
Window Control – Hand Crank Operation  
Windshield – Safety Tinted 2 Piece  
Safety Tinted Side and Rear Windows  
Windshield Washers – Electric Wiper with Reservoir Mounted on Back of Cab  
Windshield Wipers – 2 Speed Electric Motor w/Intermittent Feature  
Paint Color – Mack White (Cab, Hood & Fenders), Mack Black (Chassis Running Gear)



**ADDITIONAL STANDARD SPECIFICATIONS**

**AIR/BRAKE**

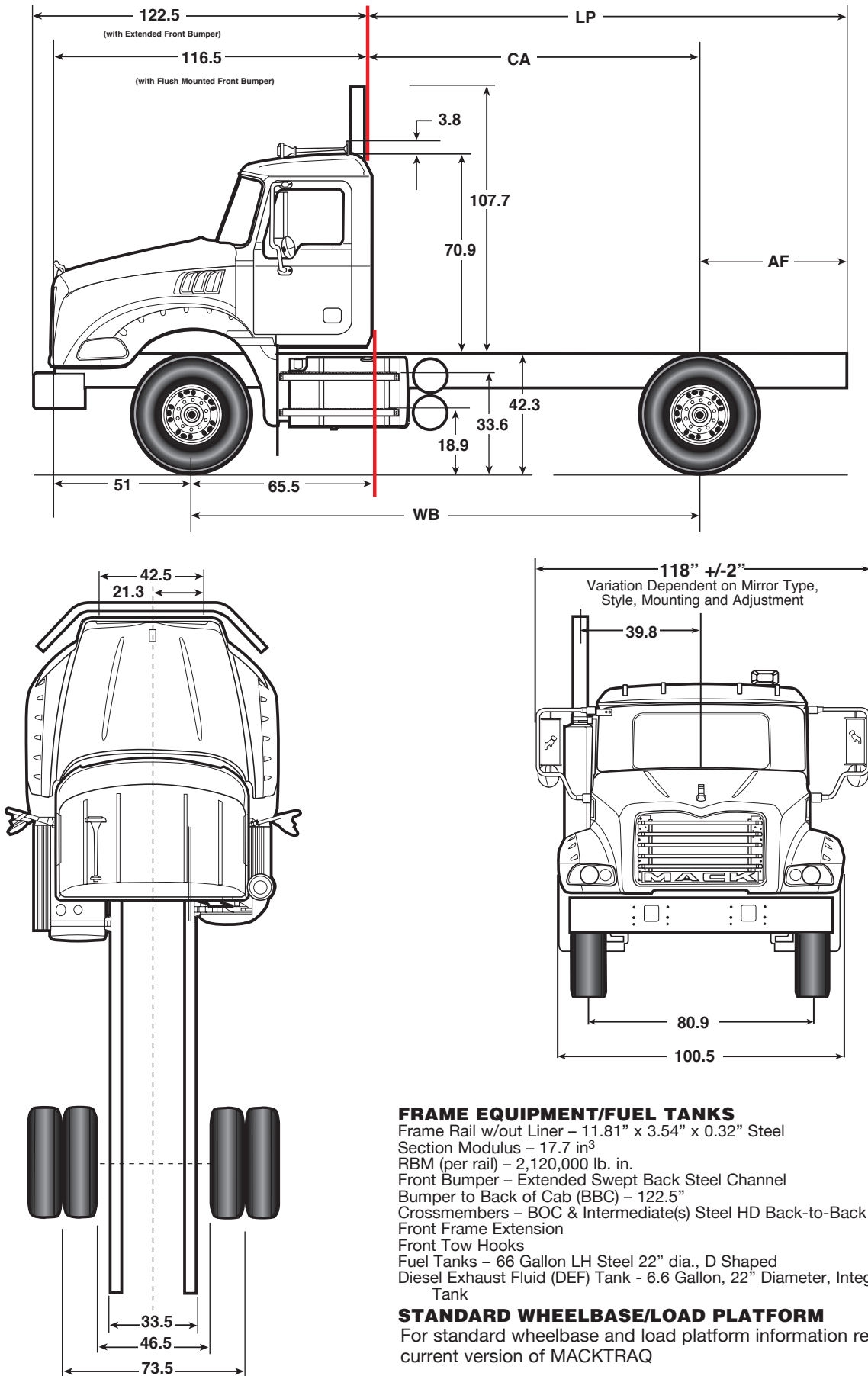
Dual Air Brake System  
Heated Air Dryer - 1200P w/Coalescing Filter  
Air Reservoirs – Steel  
Anti-Lock Brake System w/o Traction Control  
Parking Brake Control – Single Valve System

**ELECTRICAL**

12 Volt Electrical System  
Battery Box – Steel w/Molded Plastic Cover Mounted RH Rail Only  
Courtesy Light Switch – Headlamp and Clearance  
Daytime Running Lights  
Electric Circuit Protection Package  
Body Link III  
Waterproof Electrical Connections  
Headlights – Halogen Flush  
Solid State Turn Signal Flasher

**STANDARD CHASSIS DIMENSIONS**

(All measurements are in inches)



**FRAME EQUIPMENT/FUEL TANKS**

- Frame Rail w/out Liner – 11.81" x 3.54" x 0.32" Steel
- Section Modulus – 17.7 in<sup>3</sup>
- RBM (per rail) – 2,120,000 lb. in.
- Front Bumper – Extended Swept Back Steel Channel
- Bumper to Back of Cab (BBC) – 122.5"
- Crossmembers – BOC & Intermediate(s) Steel HD Back-to-Back Channel
- Front Frame Extension
- Front Tow Hooks
- Fuel Tanks – 66 Gallon LH Steel 22" dia., D Shaped
- Diesel Exhaust Fluid (DEF) Tank - 6.6 Gallon, 22" Diameter, Integrated w/Fuel Tank

**STANDARD WHEELBASE/LOAD PLATFORM**

For standard wheelbase and load platform information refer to your current version of MACKTRAQ

**AVAILABLE DRIVELINE COMPONENTS**

<b>TRANSMISSIONS</b>		
<b>MODEL</b>	<b>SPEEDS</b>	<b>RATIOS (LOW/HIGH)</b>
<b>ALLISON</b>		
3000-RDS	5	3.49/0.75
3000-RDS	6	3.49/0.65
<b>EATON FULLER</b>		
RTX-11609B	9	12.57/0.73
FRO-11210B	10	11.06/0.75
FRO-11210C	10	12.69/0.74
RTO-11908LL	10	14.56/0.74
RT-11909ALL	11	26.08/0.73

<b>ENGINE</b>	
<b>MODEL</b>	<b>HORSEPOWER</b>
<b>CUMMINS</b>	
ISL9 345	345 HP [257 kW] @ 1900 RPM 330 HP [244 kW] @ 2100

<b>AXLES</b>		
<b>CAPACITY</b>	<b>MAKE</b>	<b>MODEL</b>
<b>FRONT AXLES</b>		
12,000 lb. [5 443 kg]	MACK	FXL12
14,600 lb. [6 600kg]	MACK	FXL14.6
18,000 lb. [8 165 kg]	MACK	FXL18
20,000 lb. [9 072 kg]	MACK	FXL20
<b>REAR AXLES</b>		
21,000 lb. [9 545 kg]	MERITOR	RS21-145
23,000 lb. [10 433 kg]	MERITOR	RS23-160
26,000 lb. [11 818 kg]	MERITOR	RS26-185
30,000 lb. [13 608 kg]	MERITOR DANA SPICER	RS30-185 S30-190



**A SALES ENGINEERING PUBLICATION**

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## GRANITE

AXLE BACK  
Medium Heavy Duty

**6x4**  
GU533

### STANDARD POWERTRAIN SPECIFICATIONS

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Horsepower – 330 HP at 2100 Gov. RPM  
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Air Compressor – 318 (18.7 cfm)  
Air Cleaner – 11" Single Element  
Alternator – Delco 12V 130A (24SI)  
Batteries, (2) Mack 12V 1000/2000 CCA Threaded Stub Type  
Coolant Protection, -34°F (-37°C)  
Diesel Particulate Filter – Horizontal RH Side Under Cab  
Exhaust After Treatment System – Cummins Diesel  
Particulate Filter with SCR  
Silicone Engine Hoses and Tubing  
Poly-V Fan Belt w/Automatic Tensioner  
Fan Drive, Horton DMA2S Multispeed On/Off  
Flywheel Housing – Aluminum (Lightweight)  
Fuel Water Separator w/Water in Fuel Sensor  
Mack EPDM Radiator & Heater Hoses  
Radiator – Aluminum Core  
Starter – 12V Gear Reduction  
Electronic Starter Interlock  
Electric Preheater

#### TRANSMISSION: Eaton FRO 11210C

10-Speed, Ratios: 12.69 Low –0.74High  
Clutch – Eaton Advantage EZ Pedal  
15.5" 7-Spring, 2 Plate Ceramic  
4 Paddle Manual Adjust  
Mechanical Cable Clutch  
Transmission Bell Housing- Iron  
Main Driveline–  
Meritor 17 MXL "Xtended Lube"  
Interaxle Driveline –  
Meritor 17 MXL  
"Xtended Lube"

SPECIFICATIONS



## STANDARD POWERTRAIN SPECIFICATIONS *(Continued)*

### **REAR AXLE: Meritor MT40-14X**

40,000 lb Capacity  
Tires – 11R22.5  
Carrier – Meritor Single Reduction  
Wheels – Steel Disc (8) 22.5" x 8.25" 10-Hole Hub Piloted  
Hub Material – Ferrous  
Brakes – Bendix "S" Cam 16.5" x 7" Cast Spider  
Brake Drums – Cast Outboard Mounted  
Rear Brake Lining  
Rear Wheel Seals  
Slack Adjusters – Automatic  
Suspension – Mack AL Air Suspension 40K  
Spring Brake Chambers – (4) 30/30 Double Diaphragm Type/Mechanical Spring Release

### **FRONT AXLE: MACK FXL12**

12,000 lb. Capacity  
Tires – 11R22.5  
Wheels – Steel Disc (2) 22.5" x 8.25" 10-Hole Hub Piloted  
Hub Material – Ferrous  
Brakes – Bendix "S" Cam 16.5" x 5" Cast Spider  
Brake Drums – Cast Outboard Mounted  
Front Brake Lining  
Front Wheel Seals – Integrated  
Shock Absorbers – Double Acting Type  
Slack Adjusters – Automatic  
Suspension – Mack Taperleaf 12,000 lb. Ground Load Rating (2 Leaf Spring)  
Steering – TRW TAS66

## STANDARD CAB INTERIOR/EXTERIOR SPECIFICATIONS

### **CAB: CA68 CONVENTIONAL**

Integral Heater  
Ash Tray  
Cab Mounting – Four Point System w/2 Air Bags and Shocks at Rear  
Cigar Lighter  
Coat Hook  
Co-Pilot Enhanced Driver Display with Button and Stalk Control  
Cup Holders, Driver's & Rider's Side  
Dome Lights, 2 Lamps LH/ 2 Lamps RH  
Galvanized Steel Visibility Doors  
Door Trim – Padded w/Vinyl Arm Rest Pads  
Engine Shutoff – Key Type  
Floor Mats, Mack Signature Polyurethane  
Gauges – Air Pressure, Engine Coolant Temperature, Engine Oil Pressure, Engine Oil Temperature, Speedometer, Tachometer, Fuel Level  
Gauge Cluster – Exhaust Pyrometer & Transmission Oil Temperature Gauges  
Grab Handles, Aluminum RH & LH Behind Door  
Grille – Radiator Mounted w/Black Finished Bars w/o Grille Surround  
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Identification and Clearance Lights (5)  
Instrument Panel – Charcoal w/Black Gage Bezel  
Interior Trim: Purebred – Slate Gray  
Keys – (2) Keyed at Random  
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Windshield – Safety Tinted 2 Piece  
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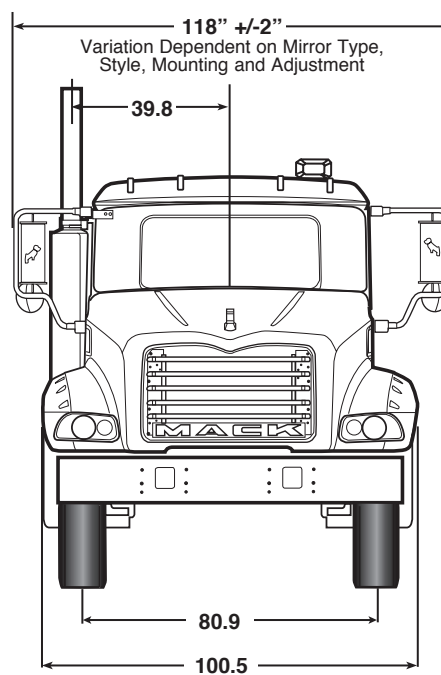
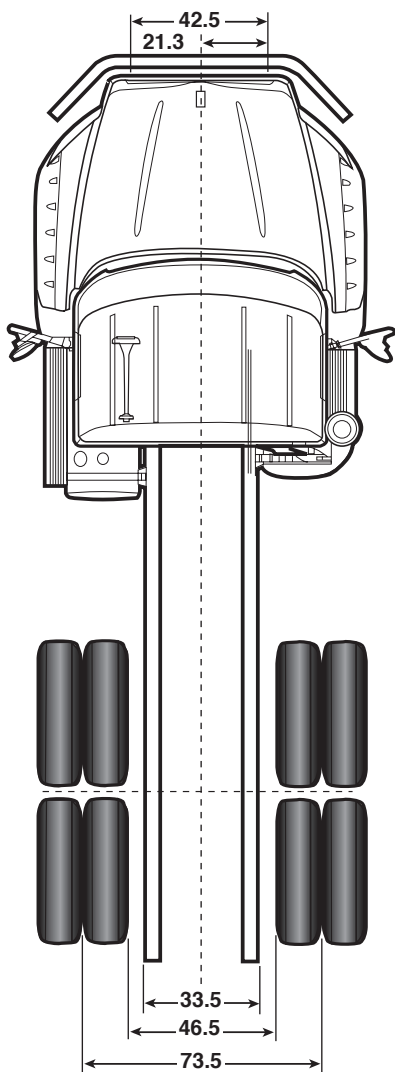
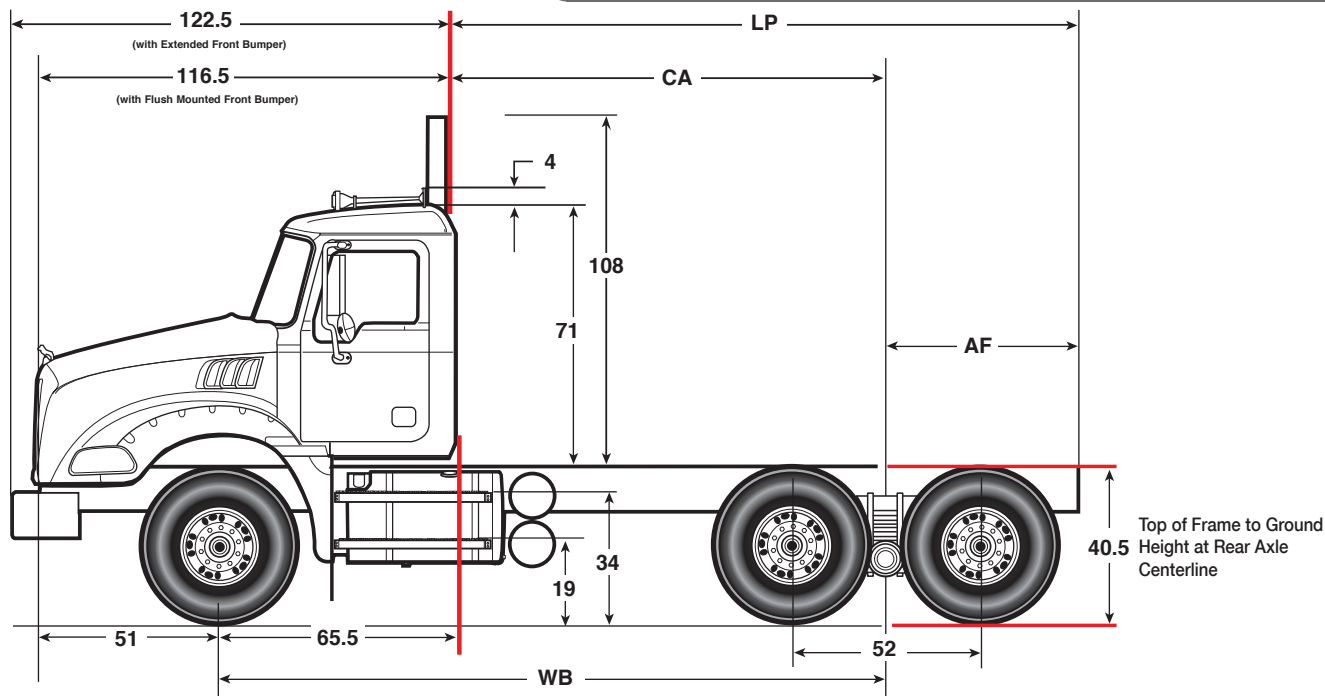
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	MERITOR	MT40-14X

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