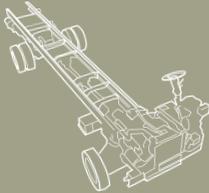


FREIGHTLINER COMMERCIAL BUS CHASSIS

MB-55: The “Big Bus” Chassis

Freightliner MB-55 Chassis Features

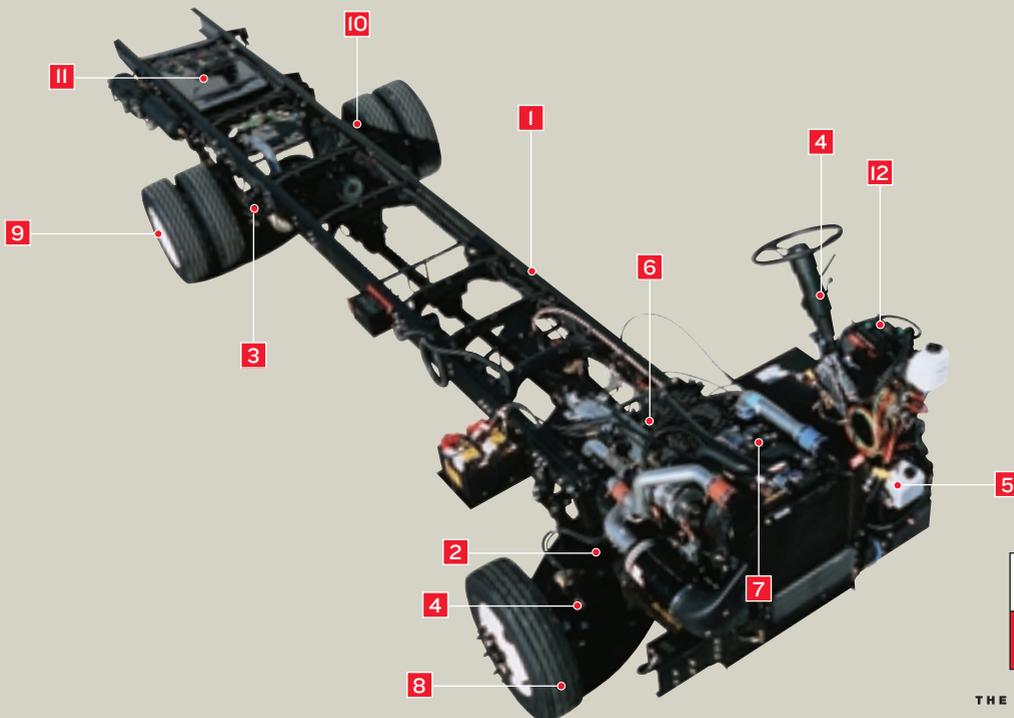


The MB-Series of commercial bus chassis assumes many applications, from light- and medium-duty commercial transit to airport and hotel shuttle service. The MB-Series is joined by the FB-65 Cutaway and the XB-Series diesel pusher to provide the right commercial bus chassis for the right job.

Freightliner is also the only chassis manufacturer that offers the choice of factory-installed compressed natural gas and liquid propane gas engines for a more environmentally-friendly, alternative without sacrificing performance or fuel economy.

And, Freightliner's network of more than 350 dealers—among the largest in North America—provides round-the-clock customer support.

1. Durable, heavy-duty steel frame rails reduce flex, bowing and vibration to minimize coach stress while transporting passengers in relative quiet and comfort
2. Taper leaf front suspension, rated from 7,000 to 10,000 pounds with optional tuned Sachs® shocks, provides a smooth, solid ride
3. Flat leaf rear suspension, rated from 13,500 to 17,500 pounds, minimizes the effects of potholes and bumps. Optional AirLiner® air suspension with tuned Sachs shocks rated from 18,000 to 20,000 pounds
4. TRW® power and tilt/telescopic steering with 50-degree wheel cut offers better maneuverability in tight places
5. Accessible fluid dipsticks and fluid containers provide easier maintenance
6. Allison® 2400 (standard) and 2000 (optional) Series automatic transmissions deliver smooth, precise shifting and optimal fuel economy. Standard park pawl on 2400 Series effectively grounds transmission output shaft, thereby preventing rotation of the driveline
7. Cummins® ISB-02 diesel engine promotes reliability, low operating costs and produces excellent balance of low-end acceleration and high-end torque, as well as reduced emissions and quieter running
8. Michelin® XZE 19.5" 16-ply radial tires provide an extra-wide, extra-deep tread to deliver maximum durability and scrub resistance. Optional 22.5" tires
9. Accuride® 19.5" x 6.75" steel wheels. Optional 22.5" wheels
10. Bosch® hydraulic ABS disc brakes deliver reliable, uniform stopping power and better steering control in emergency situations. Optional air brakes
11. 60-gallon rectangular steel fuel tank mounted between rails increases safety and reduces fuel stops. Optional 90-gallon BTR fuel tank
12. Full instrument cluster, with driver's message center, electronic speedometer and fuel gauge and electronic oil pressure and coolant temperature provides accurate, instant feedback



THE LEADER AT EVERY TURN™

Freightliner MB-55 Chassis Options

MB-55 SERIES CHASSIS

Engine:	185 hp Cummins ISB-02 w/420 lbs./ft. torque @ 1600 RPM
Optional engines:	200 hp Cummins ISB-02 w/465 lbs./ft. torque @ 1600 RPM 215 hp Cummins ISB-02 w/520 lbs./ft. torque @ 1600 RPM 230 hp Cummins ISB-02 w/520 lbs./ft. torque @ 1600 RPM 260 hp Cummins ISB-02 w/550 lbs./ft. torque @ 1900 RPM
Alternative fuel engines:	<i>Compressed Natural Gas</i> 195 hp Cummins B 5.9G+ w/420 lbs./ft. @ 1600 RPM; optional 230 hp @ 500 lbs./ft. torque <i>Liquid Propane</i> 195 hp Cummins B 5.9 w/420 lbs./ft. @ 1600 RPM
Transmission:	Allison 2400
Optional transmission:	Allison 2000
GVWR:	19,800 lbs. to 30,000 lbs.
Alternator:	Delco Remy 130 amp, 22-SI
Optional alternators:	Leece Neville 160 amp, 200 amp and 270 amp
Axles	
Front:	Meritor MFS-08-153B, 8,000 lbs.
Optional front axles:	Meritor FD-965, 10,000 lbs.; FC-965, 9,000 lbs.
Rear:	Meritor RS-13-120, 13,500 lbs.
Optional rear axles:	Quiet Ride Meritor RS-15, 15,000 lbs.; RS-17, 17,500 lbs.; RS-19, 19,000 lbs. and 20,000 lbs.
Suspension	
Front:	Taper leaf spring, 7,000 lbs.
Optional front suspensions:	Taper leaf spring, 8,000 lbs. and 10,000 lbs. and tuned Sachs shocks
Rear:	Flat leaf spring, 13,500 lbs. with radius leaf
Optional rear suspensions:	15,000 lbs. and 17,500 lbs. flat leaf; 18,000 lbs. and 20,000 lbs. Airliner air suspension and tuned Sachs shocks
Steering:	TRW power and tilt/telescopic steering column; TRW TAS 40, 55 and 65 steering gear; 50-degree wheel cut
Brakes:	Bosch hydraulic disc brakes, front and rear WABCO hydraulic four-channel ABS
Optional brakes:	Hydraulic pin-slide disc brakes Air brake system: Front: Meritor 15" x 5" Q+ cam; Rear: Meritor 15" x 6", 16" x 7" or 15" x 8.62" Q+
Frame:	5/16" x 2.81" x 9 1/8"; 50 kpsi
Wheelbase:	158", 178", 190", 208", 218", 228", 236", 250", 276", 300"
Fuel Tank:	60-gallon between the rails
Optional fuel tanks:	90-gallon between the rails; 4- or 5-tank compressed natural gas
Tires:	Michelin XZE 245/70R19.5 16-ply
Optional tires:	Michelin XZE 255/70R22.5 16-ply, 9R22.5 12-ply, 10R22.5 12-ply
Instrumentation:	Gauge package includes electronic speedometer with odometer, low-air light and buzzer alarm, driver's message center, voltmeter, electronic fuel gauge, electronic oil pressure, electronic coolant temperature, dual-needle primary and secondary air pressure gauge, low coolant level warning, ADA lift-active light
Wiring:	Body builder-ready electrical drop for ADA wiring
Selected options:	Air restriction indicator Daytime driving lights Dual A/C compressors Cruise control and programmable high idle Shift lever with interlock Transit-specific options available

