COMMANDER

2009 Model Year

MC-Series Motorhome Chassis

FEATURE
3-Year, 50,000-Mile Warranty
50,000 PSI Frame Rail
55-Degree Wheel Cut
400 Dealers

BENEFIT
Best in The Industry
Solid Foundation
Excellent Maneuverability
Service Where You Need It

DRIVEN BY YOU
**MC SERIES**

### Engine
- **Cummins ISB turbocharged, aftercooled**
- **6.7 L electronic diesel**
- **Peak HP**: 340 HP @ 2,600 rpm
- **Peak Torque**: 660 lb•ft (840 N•m) @ 1,600 rpm

### Transmission
- **Allison 2350 MH six-speed automatic with lock up**
- **Gear Ratios**
  - 1st: 3.10:1
  - 2nd: 1.81:1
  - 3rd: 1.41:1
  - 4th: 1.00:1
  - 5th: .71:1
  - 6th: .61:1
  - Rev: 4.49:1

### Vehicle Weight Ratings
- **Front GAWR**: 10,000 lb (4540 kg)
- **Rear GAWR**: 17,500 lb (7945 kg)
- **GVWR**: 27,000 lb (12,258 kg)
- **GCWR**: 30,000 lb (13,620 kg)

### Wheelbase
- 208 in (5283mm)

### Front Axle
- **Capacity**: 10,000 lb (4540 kg)
- **Track Width**: 79.7 in (2024 mm)

### Rear Axle
- **Drive Ratio**: 4.78:1
- **Capacity**: 17,500 lb (7945 kg)
- **Track Width**: 69.3 in (1760 mm)

### Brakes
- **Front and Rear Service**: Bosch hydraulic pin slide disc with ABS
- **Parking**: Transmission-mounted disc
- **Shift selector with park**

### Cooling System
- **Radiator Core**: 14 FPI, 750 in² (4837 cm²) area
- **Radiator Type**: Down-flow, front-mounted
- **Charge Air Cooler**: Cross-flow
- **Transmission Oil Cooler**: Water-to-oil
- **Fan**: Belt-driven with viscous clutch

### Electrical System
- **Alternator**: Delco 160 amp
- **Starting**: Delco 29MT, 12 volt
- **Battery**: Two 1300 CCA @ 0°F (-18°C); maintenance-free

### Frame
- **Max Resist. Bending Moment**: 536,800 lb•in (60 650 N•m)
- **Max Frame Section**: 9 1/8 x 3.00 x 5/16 in (232 x 76 x 7.9 mm)

### Fuel Tank
- **80 gal (303 L)**
- **Left-hand fuel fill**

### Steering System
- **Rating**: TRW THP 60, integral hydraulic power gear
- **10,000 lb (4540 kg)**
- **Ratio**: 18.2:1
- **Pump**: Gear-driven
- **Wheel Cut**: 55°

### Suspension
- **Shock Absorber**: Hendrickson SOFTEK (front) taperleaf (rear)
- **Heavy-duty Stabilizer Bar Diam**: 1.50 in (38 mm) front, 1.75 (44 mm) rear
- **Tuned Sachs shocks**: 1.50 in (38 mm) front, 1.75 (44 mm) rear

### Tires
- **Goodyear G670 RV 255/70R 22.5 LRH**
- **4 aluminum 2 steel 22.5 x 8.25 in (572 x 210 mm)**
- **with 10 bolt lugs**
- **11.25 in (285.75 mm) diameter bolt center**

### Instrumentation
- **Gauges**: speedometer • tachometer • engine oil pressure • water temperature • voltmeter • fuel level

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For reference only. For certified dimensions, consult Freightliner Custom Chassis Corporation. Specifications are as of 4/01/08, and are subject to change without notice. Ratings are general guidelines. Illustrations may include optional equipment and accessories but may not include all standard equipment. To order more sales literature call 1-800-585-8831.

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