# Avanti

## 2010 Model Year

### MC-L Series Motorhome Chassis

<table>
<thead>
<tr>
<th>FEATURE</th>
<th>BENEFIT</th>
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</thead>
<tbody>
<tr>
<td>3-Year, 50,000-Mile Warranty</td>
<td>Best in The Industry</td>
</tr>
<tr>
<td>50,000 PSI Frame Rail</td>
<td>Solid Foundation</td>
</tr>
<tr>
<td>50-Degree Wheel Cut</td>
<td>Excellent Maneuverability</td>
</tr>
<tr>
<td>400 Service Locations</td>
<td>Service Where You Need It</td>
</tr>
</tbody>
</table>

**Driven By You**
### MC-L SERIES

#### Engine
- **Cummins ISB turbocharged, aftercooled**
- 6.7 L electronic diesel
- 200 HP @ 2,400 rpm
- 520 lb•ft (895 N•m) @ 1,600 rpm

#### Transmission
- Allison 1000 MH six-speed automatic
- **Gear Ratios**
  - First: 3.10:1
  - Second: 1.81:1
  - Third: 1.41:1
  - Fourth: 1.00:1
  - Fifth: .71:1
  - Sixth: .61:1
  - Rev.: 4.49:1

#### Vehicle Weight Ratings
- **Front GAWR**: 7,500 lbs.
- **Rear GAWR**: 10,500 lbs.
- **GVWR**: 18,000 lbs.
- **GCWR**: 26,000 lbs.

#### Wheelbase
- 190 in
- 208 in

#### Front Axle
- AAC I-Beam,
- **Capacity**: 8,000 lbs

#### Rear Axle
- **Drive Ratio**: 4.56:1
- **Capacity**: 13,000 lbs.

#### Brakes
- Bosch hydraulic pin slide disc with ABS
- **Front and Rear Service**: 15 in Disc
- **Parking**: Transmission park pawl
- **Shift selector with park**

#### Cooling System
- **Radiator Core**: 14 FPI, 680 in² 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
- Delco Remy 160 amp
- Nippon-Denso 12 volt with copper contacts
- **Battery**: Two 1300 CCA @ 0°F (-18°C); maintenance-free

#### Frame
- Straight frame rail construction
- **Max Frame Section**: 8 x 3.00 x 1/4 in, 50 KSI

#### Fuel Tank
- 60 gallon mounted between the rails

#### Steering System
- TRW TAS-37, integral hydraulic power gear
- **Rating**: 8,000 lbs.
- **Pump**: Gear-driven
- **Wheel Cut**: 50°

#### Suspension
- Flat Leaf (front and rear)
- Tuned Sachs shocks
- Heavy-Duty Stabilizer Bar (front and rear)

#### Tires
- Goodyear G670 RV 245/70R 19.5

#### Wheels
- 6 steel 19.5 x 6.00 in with 6 ball seat 2-hand

#### Instrumentation
- Gauges: speedometer
  - engine oil pressure gauge with alarm
  - water temperature
  - voltmeter
  - fuel level
  - Drivers message center

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For reference only. For certified dimensions, consult Freightliner Custom Chassis Corporation. Specifications are as of 11/01/09, 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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