# SUN SPORT

## 2010 Model Year

### MC-Series Motorhome Chassis

<table>
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<tr>
<th>FEATURE</th>
<th>BENEFIT</th>
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<tbody>
<tr>
<td>3-Year, 50,000-Mile Warranty</td>
<td>Best in The Industry</td>
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<tr>
<td>50,000 PSI Frame Rail</td>
<td>Solid Foundation</td>
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<tr>
<td>55-Degree Wheel Cut</td>
<td>Excellent Maneuverability</td>
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<tr>
<td>400 Dealers</td>
<td>Service Where You Need It</td>
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</table>

Driven By You
### MC SERIES

**Engine**

- Cummins ISB turbocharged, aftercooled
- 6.7 L electronic diesel
- Peak HP: 340 HP @ 2,800 rpm
- Peak Torque: 660 lb•ft (895 N•m) @ 1,500 rpm

**Transmission**

- Allison 2350 MH six-speed automatic with lock up
- 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: 10,000 lb (4540 kg)
- Rear GAWR: 17,000 lb (7718 kg)
- GVWR: 27,000 lb (12,258 kg)
- GCWR: 30,000 lb (13,620 kg)

**Wheelbase**

- 250 in (6350 mm) 266 in (6756 mm)

**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**

- Bosch hydraulic pin slide disc with ABS
- Front and Rear Service: 15 in disc
- Parking: Transmission-mounted disc
- Shift selector with park

**Cooling System**

- Radiator Core: 14 FPI, 750 in² (4839 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: Leece-Neville 200 amp
- Starting: Delco 29MT, 12 volt
- Battery: Two 760 CCA @ 0°F (-18°C); maintenance-free

**Frame**

- Straight frame rail construction
- Max Resist. Bending Moment: 536,800 lbin (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**

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

**Suspension**

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

**Tires**

- Goodyear G670 RV 255/70R 22.5 LRH

**Wheels**

- 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