SUN SPORT

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
### SUN SPORT

**Custom Chassis Features**
- 5-year 100,000-mile coolant***
- TranSynd transmission fluid
- Fuel/water separator
- Farr Eco air cleaner
- Air filter restriction indicator
- Engine braking: VGT
- R-134A air conditioning compressor
- Electronic cruise control with high idle
- VIP steering wheel, 18 in (457mm)
- TRW tilt steering column
- Push button shift control with park
- Driver information center
- Hendrickson suspension Sachs, tuned shock absorbers
- Goodyear G670 RV 255/70R 22.5 LRH
- Heater hose assembly
- Daytime running lights

* Transmission limited GCWR. See operator's manual for braking requirements on towed vehicle.

***Some maintenance required

### 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
- 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 (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: Lecce-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 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
- 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