



WHEN YOU KNOW THE DIFFERENCE™

GRAND STAR

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



WHEN YOU KNOW THE DIFFERENCE™

GRAND STAR 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
- GoodyearG670 RV 255/70R 22.5 LRH
- Heater hose assembly
- Daytime running light

* Transmission limited GCWR. See operators manual for braking requirements on towed vehicle.

***Some maintenance required

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.



Driven By You

MC SERIES

Engine Peak HP Peak Torque	Cummins ISB turbocharged, aftercooled 6.7 L electronic diesel 340 HP @ 2,600 rpm 660 lb•ft (840 N•m) @ 1,600 rpm
Transmission Gear Ratios	Allison 2350 MH six-speed automatic with lock up First: Second: Third: Fourth: Fifth: Sixth: Rev: 3.10:1 1.81:1 1.41:1 1.00:1 .71:1 .61:1 4.49:1
Vehicle Weight Ratings Front GAWR Rear GAWR GVWR * GCWR *	10,000 lb (4540 kg) 17,000 lb (7718 kg) 27,000 lb (12,258 kg) 30,000 lb (13,620 kg)
Wheelbase	228 in 242 in 246 in 250 in 270 in (5791mm)(6147mm)(6248mm)(6350mm) (6858mm)
Front Axle Capacity Track Width	Hendrickson STEERTEK I-Beam, wide track 10,000 lb (4540 kg) 79.7 in (2024 mm)
Rear Axle Drive Ratio Capacity Track Width	4.78:1 17,500 lb (7945 kg) 69.3 in (1760 mm)
Brakes Front and Rear Service Parking	Bosch hydraulic pin slide disc with ABS 15 in Disc Transmission-mounted disc Shift selector with park
Cooling System Radiator Core Radiator Type Charge Air Cooler Transmission Oil Cooler Fan	14 FPI, 750 in ² (4837 cm ²) area Down-flow, front-mounted Cross-flow Water-to-oil Belt-driven with viscous clutch
Electrical System Alternator Starting Battery	Delco 160 amp Delco 29MT, 12 volt Two 1300 CCA @ 0°F (-18°C); maintenance-free
Frame Max Resist. Bending Moment Max Frame Section	Straight frame rail construction 536,800 lb•in (60 650 N•m) 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 Ratio Pump Wheel Cut	TRW THP 60, integral hydraulic power gear 10,000 lb (4540 kg) 18.2:1 Gear-driven 55°
Suspension Shock Absorber Heavy-duty Stabilizer Bar Diam	Hendrickson SOFTEK (front) taperleaf (rear) Tuned Sachs shocks 1.50 in (38 mm) front 1.75 (44 mm) rear
Tires	Goodyear G670 RV 255/70R 22.5 LRH
Wheels	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