XCR- Series Motorhome Chassis

**FEATURE**
- 3 Year, 50,000 Mile Warranty ................................................................. Best in The Industry
- 50,000 PSI Frame Rail ........................................................................ Solid Foundation
- 60 Degree Wheel Cut ........................................................................ Excellent Maneuverability
- 400 Service Dealers ........................................................................ Service Where You Need It

2007 MODEL YEAR

Legend
by Sportscoach
## Legends

**Legend by Sportscoach Custom Chassis**

### Features
- 5 year, 100,000 mile coolant
- TranSynd Transmission Fluid
- 18.7 CFM air compressor
- Fuel/water separator
- Farr Eco-air cleaner
- Air filter restriction indicator
- 1000 watt in-block engine heater
- Engine Braking: Exhaust Brake
- R-134A air conditioning compressor
- Electronically controlled fan clutch
- Electronic cruise control with high idle
- Burled wood VIP *Smart Wheel*, 18 in (457 mm)
- TRW infinitely adjustale tilt/telescoping steering column
- Suspended & adjustable pedals
- Push button shift control
- Driver message center with integreal LCD display
- 5" Gauge Package
- ZF - IFS (front) Neway ADL (rear) air ride suspension/Custom tuned Sachs shock absorbers
- Goodyear G670 RV 275/80R 22.5 LRH
- Polished aluminum wheels with trim kit
- Heater hose assembly to front of chassis
- Haldex PURest heated air dryer
- Automatic, heated moisture ejector
- Air suspension deflation system
- Day Time running lights
- Tow power connector

* Towing capacity limited by towing components and their attachment to the frame. See operators manual for braking requirements on towed vehicles

### Specifications

#### Engine
- Cummins ISL turbocharged, aftercooled, 8.9 L electronic diesel
- Peak Hp: 400 Hp @ 2,200 rpm
- Peak Torque: 1200 lb•ft (1627 N•m) @ 1,300 rpm

#### Transmission
- Allison 3000 MH six-speed automatic with lock up
- Gear Ratios:
  - First: 3.49:1
  - Second: 1.86:1
  - Third: 1.41:1
  - Fourth: 1.00:1
  - Fifth: .75:1
  - Sixth: .65:1
  - Rev: 5.03:1

#### Vehicle Weight Ratings
- Front GAWR: 13,860 lb (6992 kg)
- Rear GAWR: 20,000 lb (9080 kg)
- GVWR: 33,860 lb (15 372 kg)
- GCWR*: 43,860 lb (19 912 kg)

#### Wheelbase
- 18 in (457 mm)

#### Front Axle
- Capacity: 14,600 lb (6628 kg)
- Track Width: 84.3 in (2141 mm)

#### Rear Axle
- Drive Ratio: 4.63:1
- Capacity: 20,000 lb (9080 kg)
- Track Width: 72.1 in (1830 mm)

#### Brakes
- Full air brakes with ABS
- Full air: 17 in. dia. Air Disc w/wear sensors
- Rear Service: 16.5 x 7 in. drum-style S-cam & auto slack adjusters
- Parking: 16.5 x 7 in. drum-style (rear axle)
- Spring-applied air release

#### Cooling System
- Radiator Core: 2 rows, 15 FPI, 1050 in² (6775 cm²)
- Radiator Type: Cross-flow, rear mounted
- Charge Air Cooler: Cross-flow
- Transmission Oil Cooler: Remote mounted water to oil
- Fan: Belt driven/electronically controlled fan clutch

#### Electrical System
- Alternator: Leece-Neville, 170 amp
- Starting: Denso, 12 volt
- Battery: Two 950 CCA @ 0°F (-18°C), maintenance-free

#### Frame
- Raised Frame Rail Construction
- Max Resist. Bending Moment: 291,000 lb•in (32 892 N•m)
- Max Frame Section: 9.00 x 2.75 x .25 in (229 x 70 x 4.8 mm)

#### Fuel Tank
- 100 gal (378 L), dual fuel fill

#### Steering System
- ZF - 8018, integral hydraulic power gear
- Rating: 14,600 lb (6628 kg)
- Ratio: 19.3:1 to 22.7:1
- Pump: Gear-driven
- Wheel Cut: 60°

#### Suspension
- ZF - RL67EM IFS air (front)
- Shock Absorber: Neway ADL air (rear)
- Custom Tuned Sachs shock absorbers

#### Tires
- Goodyear G670 RV 275/80R 22.5 LRH

#### Wheels
- 4 aluminum, 2 steel, 22.5x 8.25 in (572x210 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 • Dual Air Pressure • Transmission Temp

---

For reference only. For certified dimensions, consult Freightliner Custom Chassis Corporation. Specifications are as of 8/03/06, 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.