



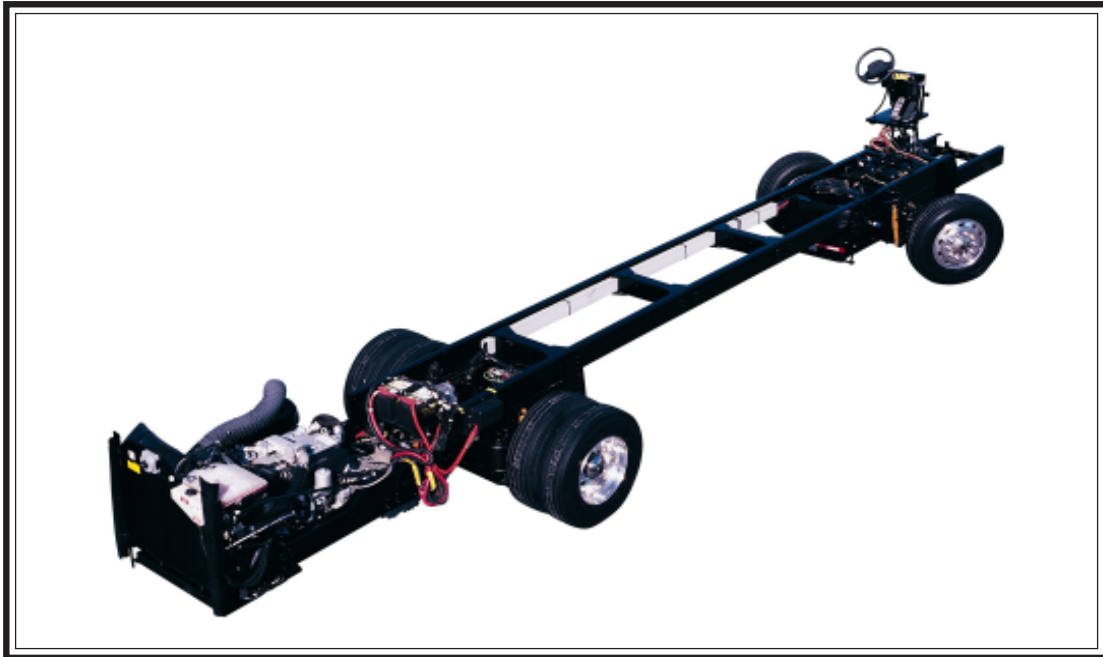
## XC- Series Motorhome Chassis

### FEATURE

### BENEFIT

- |                                      |                           |
|--------------------------------------|---------------------------|
| ■ 3 Year, 50,000 Mile Warranty ..... | Best in The Industry      |
| ■ 9" 50,000 PSI Frame Rail .....     | Solid Foundation          |
| ■ 55 Degree Wheel Cut .....          | Excellent Maneuverability |
| ■ Over 350 Dealers .....             | Service Where You Need It |

2006 MODEL YEAR



# Charleston

by Forest River

## Charleston by Forest River Custom Chassis Features

- 5 year, 100,000 mile coolant \*\*\*
- TranSynd Transmission Fluid
- 15.5 CFM air compressor (MBE)  
18.7 CFM (ISL)
- Fuel/water separator
- Farr Eco-air cleaner
- Air filter restriction indicator
- 1000 watt block heater (ISL only)
- Engine Braking: Compression  
brake(MBE) 3,6 (ISL only)
- R-134A air conditioning  
compressor with condensor
- Electronic cruise control with high idle
- Douglas tilt/telescoping steering  
column
- Leather wrapped VIP *Smart Wheel*, 18  
in (457mm)
- Suspended and adjustable pedals
- Push button shift selector
- LCD Info center
- 5" Gauge package
- Neway air ride suspension/Sachs  
tuned shock absorbers
- Michelin XZE 275/80R 22.5 LRG
- 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

\*\*\* Some maintenance required

*For reference only. For certified dimensions, consult Freightliner Custom Chassis Corporation. Specifications are as of 5/02/05, 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.*



XC-SERIES	
<b>Engine</b>  Peak Hp Peak Torque	Mercedes-Benz MBE 926 turbocharged, aftercooled 7.2 L electronic diesel 330 Hp @ 2,200 rpm 1000 lb•ft (1356 N•m) @ 1,300 rpm  Cummins ISL turbocharged, aftercooled 8.9 L electronic diesel 400 Hp @ 2,000 rpm 1200 lb•ft (1627 N•m) @ 1,300 rpm
<b>Transmission</b>  Gear Ratios:	Allison 3000 MH six-speed automatic with lock up  <u>First</u> <u>Second</u> <u>Third</u> <u>Fourth</u> <u>Fifth</u> <u>Sixth</u> <u>Rev.</u> 3.49:1   1.86:1   1.41:1   1.00:1   .75:1   .65:1   5.03:1
<b>Vehicle Weight Ratings</b> Front GAWR Rear GAWR GVWR GCWR *	12,000 lb (5448 kg) 20,000 lb (9080 kg) 32,000 lb (14 528 kg) 42,000 lb (19 068 kg)
<b>Wheelbase</b>	252 in (6400mm)                      266 in (6756mm)
<b>Front Axle</b> Capacity Track Width	I-Beam, wide track 12,000 lb (5448 kg) 82.89 in (2105 mm)
<b>Rear Axle</b> Drive Ratio Capacity Track Width	4.63:1 20,000 lb (9080 kg) 72.1 in (1830 mm)
<b>Brakes</b> Front and Rear Service Parking	Full air brakes with auto slack adjusters and ABS 15 x 4 in (front) and 16.5 x 7 in (rear) drum-style S-cam Spring-applied air release 16.5 x 7 in drum-style (rear axle) Push-pull lever controlled
<b>Cooling System</b> Radiator Core Radiator Type Charge Air Cooler Transmission Oil Cooler Fan	2 rows, 15 FPI, 1000 in <sup>2</sup> (6452 cm <sup>2</sup> ) Cross-flow, rear mounted Cross-flow Remote mounted water to oil Belt driven/Thermostatically controlled clutch
<b>Electrical System</b> Alternator Starting Battery	Leece-Neville 160 amp Denso 12 volt Two 950 CCA @ 0°F (-18°C); maintenance-free
<b>Frame</b> Max Resist. Bending Moment Max Frame Section	Raised Frame Rail <b>Lowered rear section MBE only</b> 291,000 lb•in (32 892 N•m) 9.00 x 2.75 x .25 in (229 x 70 x 4.8 mm)
<b>Fuel Tank</b>	100gal (379 L) dual fill
<b>Steering System</b> Rating Ratio Pump Wheel Cut	TRW THP 60, integral hydraulic power gear 12,000 lb (5448 kg) 20.4:1 Gear-driven 55°
<b>Suspension</b> Shock Absorber Heavy-Duty Stabilizer Bar Diam	Neway air suspension (front and rear) Tuned shocks, Sachs 1.50 in (38 mm) (front)
<b>Tires</b>	Michelin XZE 275/80R22.5 LRG
<b>Wheels</b>	4 aluminum 2 steel 22.5x8.25 in (572x210mm) with 10 bolt lugs 11.25 in (285.75 mm) diameter bolt center
<b>Instrumentation</b>	Gauges: Speedometer with Odometer •Tachometer •EngineOil Pressure •WaterTemp •Voltmeter •FuelLevel •DualAirPressure •Turbo Boost