



CHARLESTON

2010 Model Year

XCR-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



CHARLESTON

Custom Chassis Features

- 5-year, 100,000-mile coolant***
 - TranSynd transmission fluid
 - Lowered engine
 - 18.7 CFM air compressor
 - Fuel/water separator
 - Farr Eco air cleaner
 - Air filter restriction indicator
 - 1000-watt block heater
 - Engine braking: compression brake 3,6
 - R-134A air conditioning compressor with condensor
 - Electronic cruise control with high idle
 - TRW infinitely adjustable tilt/telescoping steering column
 - Leather-wrapped VIP *Smart Wheel*, 18 in (457mm)
 - Suspended and adjustable pedals
 - Push button shift selector
 - Driver message center with intergral LCD display
 - Neway air ride suspension/Sachs tuned shock absorbers
 - Michelin XZE 2 275/80R 22.5 LRG
 - Polished aluminum wheels with trim kit
 - Heater hose assembly to front of chassis
 - Bendix AD-9 heated air dryer
 - Automatic, heated moisture ejector
 - Air suspension deflation system
 - Daytime running lights
 - Tow power connector
- * Towing capacity limited by towing components and their attachment to the frame. See operator's 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 11/01/09, 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

XCR SERIES

Engine Peak HP Peak Torque	Cummins ISL turbocharged, aftercooled 8.9 L electronic diesel 425 HP @ 2,100 rpm 1200 lb•ft (1627 N•m) @ 1,300 rpm														
Transmission Gear Ratios	Allison 3000 MH six-speed automatic with lock up <table border="1"> <thead> <tr> <th>First</th> <th>Second</th> <th>Third</th> <th>Fourth</th> <th>Fifth</th> <th>Sixth</th> <th>Rev.</th> </tr> </thead> <tbody> <tr> <td>3.49:1</td> <td>1.86:1</td> <td>1.41:1</td> <td>1.00:1</td> <td>.75:1</td> <td>.65:1</td> <td>5.03:1</td> </tr> </tbody> </table>	First	Second	Third	Fourth	Fifth	Sixth	Rev.	3.49:1	1.86:1	1.41:1	1.00:1	.75:1	.65:1	5.03:1
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3.49:1	1.86:1	1.41:1	1.00:1	.75:1	.65:1	5.03:1									
Vehicle Weight Ratings 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)														
Wheelbase	252 in (6400 mm) 266 in (6756 mm)														
Front Axle Capacity Track Width	I-Beam, wide track 12,000 lb (5448 kg) 82.89 in (2105 mm)														
Rear Axle Drive Ratio Capacity Track Width	4.63:1 20,000 lb (9080 kg) 72.1 in (1830 mm)														
Brakes Front Service Rear Service Parking	Full air brakes with auto slack adjusters and ABS 17 in disc brakes 16.5 x 7 in drum-style s-cam 16.5 x 7 in drum-style s-cam Spring-applied air release														
Cooling System Radiator Core Radiator Type Charge Air Cooler Transmission Oil Cooler Fan	2 rows, 15 FPI, 1270 in ² (8194 cm ²) area Cross-flow, rear-mounted Cross-flow, rear-mounted Remote-mounted water to oil Belt-driven with viscous fan clutch														
Electrical System Alternator Starting Battery	Delco Remy 160 amp Denso 12 volt Two 950 CCA @ 0°F (-18°C); maintenance-free														
Frame Max Resist. Bending Moment Max Frame Section	Raised frame rail with lowered rear section 406,200 lb•in (45 900 N•m) 9.00 x 2.75 x .25 in (229 x 70 x 6.4 mm)														
Fuel Tank	100gal (379 L) dual fill														
Steering System Rating Ratio Pump Wheel Cut	TRW THP 60, integral hydraulic power gear 12,000 lb (5448 kg) 20.4:1 Gear-driven 55°														
Suspension Shock Absorber Heavy-duty Stabilizer Bar Diam	Neway air suspension (front and rear) Tuned shocks, Sachs 1.50 in (38 mm) (front)														
Tires	Michelin XZE2 275/80R22.5 LRG														
Wheels	4 aluminum 2 steel 22.5 x 8.25 in (572 x 210mm) with 10 bolt lugs 11.25 in (285.75 mm) diameter bolt center														
Instrumentation	Gauges: speedometer • tachometer • engine oil pressure • water temp • voltmeter • fuel level • dual air pressure • turbo boost														