



CHARLESTON

2010 Model Year

XCR-Series Tag Axle 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 XZE2 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 TAG AXLE

Engine	Cummins ISL turbocharged, aftercooled 8.9 L electronic diesel 425 HP @ 2,100 rpm 1200 lb•ft (1627 N•m) @ 1,300 rpm
Transmission	Allison 3000 MH six-speed automatic with lock up Gear Ratios <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
Vehicle Weight Ratings	Front GAWR 12,350 lb (5607 kg) Rear GAWR 20,000 lb (9080 kg) Tag GAWR 10,000 lb (4540 kg) GVWR 42,350 lb (19,227 kg) GCWR* 52,350 lb (23,767 kg)
Wheelbase	266 in (6756 mm)
Front Axle	I-Beam, wide track Capacity 12,400 lb (5630 kg) Track Width 82.89 in (2105 mm)
Rear Axle	Drive Ratio 4.63:1 Capacity 20,000 lb (9080 kg) Track Width 72.1 in (1830 mm)
Tag Axle	Ingersoll IMT F 12 drop center Capacity 10,000 lb (4540 kg) Track Width 85 in (2159 mm)
Brakes	Full air brakes with auto slack adjusters and ABS Front Service 17 in disc brakes Rear Service 16.5 x 7 in drum-style s-cam Parking 16.5 x 7 in drum-style s-cam Spring-applied air release
Cooling System	Radiator Core 2 rows, 15 FPI, 1270 in ² (8194 cm ²) area Radiator Type Cross-flow, rear-mounted Charge Air Cooler Cross-flow, rear-mounted Transmission Oil Cooler Remote-mounted water to oil Fan Belt-driven with viscous fan clutch
Electrical System	Alternator Delco Remy 160 amp Starting Denso 12 volt Battery Two 950 CCA @ 0°F (-18°C); maintenance-free
Frame	Raised frame rail with lowered rear section Max Resist. Bending Moment 406,200 lb•in (45 900 N•m) Max Frame Section 9.00 x 2.75 x .25 in (229 x 70 x 6.4 mm)
Fuel Tank	100gal (379 L) dual fill
Steering System	TRW THP 60, integral hydraulic power gear Rating 12,400 lb (5630 kg) Ratio 20.4:1 Pump Gear-driven Wheel Cut 55°
Suspension	Front Neway AS 120 air suspension Rear Neway AD 123 air suspension Tag Neway NL 110 air suspension Shock Absorber Tuned shocks, Sachs
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