



CHARLESTON

2012 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 1/09/12, 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 Peak HP Peak Torque	Cummins ISL turbocharged, aftercooled 8.9 L electronic diesel 450 HP @ 2,100 rpm 1250 lb•ft @ 1,400 rpm
Transmission 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
Vehicle Weight Ratings Front GAWR Rear GAWR Tag GAWR GVWR GCWR*	12,350 lb (5607 kg) 20,000 lb (9080 kg) 10,000 lb (4540 kg) 42,350 lb (19,227 kg) 52,350 lb (23,767 kg)
Wheelbase	266 in (6756 mm)
Front Axle Capacity Track Width	I-Beam, wide track 12,400 lb (5630 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)
Tag Axle Capacity Track Width	Ingersoll IMT F 12 drop center 10,000 lb (4540 kg) 85 in (2159 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, 1335 in 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 12,400 lb (5630 kg) 20.4:1 Gear-driven 55°
Suspension Front Rear Tag Shock Absorber	Neway AS 120 air suspension Neway AD 123 air suspension Neway NL 110 air suspension 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