



CONSTELLATION

2009 Model Year

XCR-Series Tag Axle Motorhome Chassis

FEATURE

3-Year, 50,000-Mile Warranty
50,000 PSI Frame Rail
60-Degree Wheel Cut
400 Dealers

BENEFIT

Best in The Industry
Solid Foundation
Excellent Maneuverability
Service Where You Need It



Driven By You



CONSTELLATION

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 in-block engine heater
- Engine Braking: compression brake by Jacobs (3,6)
- R-134A air conditioning compressor
- Electronic cruise control with high idle
- VIP *SmartWheel*, 18 in (457 mm)
- TRW infinitely adjustable tilt/telescoping steering column
- Suspended & adjustable pedals
- Push button shift control
- Driver message center with integral LCD display
- Air ride suspension with custom tuned Sachs shocks
- 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
- 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 4/01/08, 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 425 HP @ 2,200 rpm 1200 lb•ft (1627 N•m) @ 1,300 rpm
Transmission Gear Ratios	Allison 3000 MH six-speed automatic with lock up 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
Vehicle Weight Ratings Front GAWR Rear GAWR Tag GAWR GVWR GCWR *	13,860 lb (6292 kg) 20,000 lb (9080 kg) 10,000 lb (4540 kg) 43,860 lb (19,912 kg) 53,860 lb (24,452 kg)
Wheelbase	272 in (6910 mm)
Front Axle Capacity Track Width	ZF - RL67EM IFS 14,600 lb (6628 kg) 84.3 in (2141 mm)
Rear Axle Drive Ratio Capacity Track Width	Meritor RS-21-145 4.63:1 21,000 lb (9534 kg) 72.1 in (1831 mm)
Tag Axle Capacity Track Width	Ingersol-IMT F12 drop center 10,000 lb (4540 kg) 85 in (2159 mm)
Brakes Front Service Rear/Tag Service Parking	Full air brakes with auto slack adjusters and ABS 17 in dia. air disc 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, 14 FPI 1,260 in ² (8129 cm ²) area Cross-flow, side-mounted Cross-flow, side-mounted Water-to-oil Variable speed, hydraulic
Electrical System Alternator Starting Battery	Leece-Neville 200 amp Delco 41MT, 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	150 gal (568 L), dual fuel fill
Steering System Rating Ratio Wheel Cut	ZF - 8018 14,600 lb (6628 kg) 19.3:1 to 22.7:1 60°
Suspension Front Rear Tag Shock Absorber	ZF RF-67 EMIFS air suspension Neway AD 123 air suspension Neway NL 110 air suspension with load control Tuned shocks, Sachs
Tires	Goodyear G670 RV 275/80R 22.5 LRH
Wheels	8 aluminum, 22.5 x 8.25 in (572x210mm) 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