CONSTITUTION

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
## XCR-SERIES TAG AXLE

### 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

### Engine
- Cummins ISL turbocharged, aftercooled
- Peak HP: 425 @ 2,200 rpm
- Peak Torque: 1,200 lb-ft (1627 N•m) @ 1,300 rpm

### Transmission
- Allison 3000 MH six-speed automatic with lock up
  - Gear Ratios: First: 3.49:1, Second: 1.86:1, Third: 1.41:1, Fourth: 1.00:1, Fifth: .75:1, Sixth: .65:1, Rev: 5.03:1

### Vehicle Weight Ratings
- Front GAWR: 13,860 lb (6292 kg)
- Rear GAWR: 20,000 lb (9080 kg)
- Tag GAWR: 10,000 lb (4540 kg)
- GVWR: 43,860 lb (19,912 kg)
- GCWR*: 53,860 lb (24,452 kg)

### Wheelbase
- 272 in (6910 mm)

### Front Axle
- Capacity: 14,600 lb (6628 kg)
- Track Width: 84.3 in (2141 mm)

### Rear Axle
- Drive Ratio: 4.63:1
- Capacity: 21,000 lb (9534 kg)
- Track Width: 72.1 in (1831 mm)

### Tag Axle
- 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 dia. air disc
- Rear/Tag 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, 14 FPI, 1,260 in² (8129 cm²) area
- Radiator Type: Cross-flow, side-mounted
- Charge Air Cooler: Cross-flow, side-mounted
- Transmission Oil Cooler: Water-to-oil
- Fan: Variable speed, hydraulic

### Electrical System
- Alternator: Leece-Neville 200 amp
- Starting: Delco 41MT, 12 volt
- Battery: Two 950 CCA @ 0°F (-18°C); maintenance-free

### Frame
- 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
- 150 gal (568 L), dual fuel fill

### Steering System
- ZF - 8018
- Rating: 14,600 lb (6628 kg)
- Ratio: 19.3:1 to 22.7:1
- Wheel Cut: 60°

### Suspension
- ZF RF-67 EMIFS air suspension
- Rear: Neway AD 123 air suspension
- Tag: Neway NL 110 air suspension with load control
- Shock Absorber: Tuned shocks, Sachs

### Tires
- Goodyear G670 RV 275/80R 22.5 LRH
- 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

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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.

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