## XCR- Series Motorhome Chassis

### Feature | Benefit
---|---
3 Year, 50,000 Mile Warranty | Best in The Industry
50,000 PSI Frame Rail | Solid Foundation
60 Degree Wheel Cut | Excellent Maneuverability
400 Dealers | Service Where You Need It

2007 MODEL YEAR

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Tradewinds
by National RV
For reference only. For certified dimensions, consult Freightliner Custom Chassis Corporation. Specifications are as of 8/05/06, 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.

Tradewinds
by National RV
Custom Chassis
Features
- 5 year, 100,000 mile coolant***
- TranSynd Transmission Fluid
- 18.7 CFM air compressor
- Fuel/water separator
- Farr Eco-air-cleaner
- Air filter restriction indicator
- 1000 watt in-block engine heater
- C-brake by Jacobs (3,6)
- R-134A air conditioning compressor
- Electronic cruise control with high idle
- VIP Smart Wheel, 18 in (457mm)
- TRW infinitely adjustable tilt/telescoping steering column
- Suspended & adjustable pedals
- Push button shift control
- Driver message center with integral LCD display
- 5” gauge package
- 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
- Day Time running lights
- Tow power connector
* Towing capacity limited by towing components and their attachment to the frame. See operators manual for braking requirements on towed vehicles
** Tire size may affect wheel cut.
*** Some maintenance required

FCC-XCR0702-007

Engine
- Cummins ISL turbocharged, aftercooled, 8.9 L electronic diesel
- Peak Hp 400 @ 2,200 rpm
- Peak Torque 1200 lb•ft (1627 N•m) @ 1,300 rpm

Transmission
- Allison 3000MH 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:
  - 12,000 lb (5448 kg)
- Rear GAWR:
  - 20,000 lb (9080 kg)
- GVWR:
  - 32,000 lb (14 528 kg)
- GCWR *:
  - 42,000 lb (19 068 kg)

Wheelbase
- 262 in (6655 mm)

Front Axle
- Capacity:
  - 12,000 lb (5448 kg)
- Track Width:
  - 84.3 in (2141 mm)

Rear Axle
- Drive Ratio:
  - 4.63:1
- Capacity:
  - 20,000 lb (9080 kg)
- Track Width:
  - 72.1 in (1830 mm)

Brakes
- Full air brakes with ABS
- Front Service:
  - 17 in. dia. Air Disc w/wear sensors
- Rear Service:
  - 16.5 x 7 in. drum-style S-cam & auto slack adjusters
- Parking:
  - 16.5 x 7 in. drum-style (rear axle)
- Spring-applied air release

Cooling System
- Radiator Core:
  - 2 rows, 14 FPI 1,000 in²(6452 cm²) area
- Radiator Type:
  - Cross-flow, side mounted
- Charge Air Cooler:
  - Cross-flow, core size 960 in²
- Transmission Oil Cooler:
  - Remote mounted water-to-oil
- Fan:
  - Variable speed, hydraulic

Electrical System
- Alternator:
  - Leece Neville 160 amp
- Starting:
  - Denso, 12 volt
- Battery:
  - Two 950CCA @ 0°F (-18°C); maintenance-free

Frame
- Max Resist. Bending Moment:
  - 291,000 lb•in (32 892 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
- Rating:
  - ZF - 8016, integral hydraulic power gear
- Ratio:
  - 12,000 lb (54 482 kg)
- 18.1:1 to 21.4:1
- Pump:
  - Gear-driven
- Wheel Cut **:
  - 60°

Suspension
- ZF - RL67EM IFS air (front)
- Shock Absorber:
  - Neway ADL air (rear)
- Custom Tuned Sachs shock absorbers

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

Wheels
- 4 aluminum 2 steel 22.5 x 8.25 in (522 x 210 mm)
- with 10 bolt lugs 11.25 in (285.25mm) diameter bolt center

Instrumentation
- Gauges:
  - Speedometer • Tachometer
  - Engine Oil Pressure • Water Temperature • Voltmeter • Fuel Level • Air Pressure

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