**Dutch Star**

**2011 Model Year**

**XC-R Series Motorhome Chassis**

**FEATURE**
- 3-Year, 50,000-Mile Warranty
- 50,000 PSI Frame Rail
- 60-Degree Wheel Cut
- 400 Dealers / Service Locations

**BENEFIT**
- Best in the Industry
- Solid Foundation
- Excellent Maneuverability
- Service Where You Need It

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**Driven By You**
**XC-R SERIES**

### Engine
- **Cummins ISL turbocharged, aftercooled**
- **8.9-L electronic diesel**
- **Peek HP**: 400 HP @ 2,100 rpm
- **Peak Torque**: 1250 lb•ft

### 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**: 14,600 lbs.
- **Rear GAWR**: 20,000 lbs.
- **GVWR**: 34,600 lbs.
- **GCWR**: 44,600 lbs.

### Wheelbase
- **242 in.**

### Front Axle
- **Capacity**: 14,600 lbs.
- **Track Width**: 84.3 in.

### Rear Axle
- **Drive Ratio**: 4.63:1
- **Capacity**: 20,000 lbs.
- **Track Width**: 72.1 in.

### Brakes
- **Full air brakes with ABS**
- **Front Service**: 17 in. disc
- **Rear Service**: 16.5 x 7 in. drum-style s-cam
- **Parking Rear**: 16.5 x 7 in. drum-style s-cam spring-applied air release

### Cooling System
- **Radiator Core**: 2 rows, 14 FPI, 1234 in²
- **Radiator Type**: Cross-flow, side-mounted
- **Charge Air Cooler**: Cross-flow, side-mounted
- **Transmission Oil Cooler**: Water-to-oil
- **Fan**: Mechanical fan drive system

### Electrical System
- **Alternator**: Delco Remy 160 amp
- **Starting**: Denso 12 volt
- **Battery**: Two 1900 CCA @ 0°F; maintenance-free

### Frame
- **Raised frame rail with lowered rear section**
- **Max Resist. Bending Moment**: 406,200 lbin. (45,900 Nm)
- **Max Frame Section**: 9.00 x 2.75 x .25 in. (229 x 70 x 6.2 mm)

### Fuel Tank
- **100 gallon, dual fuel fill**

### Steering System
- **ZF 8018, integral hydraulic power gear**
- **Rating**: 14,600 lbs.
- **Ratio**: 20.4:1
- **Pump**: Gear-driven
- **Wheel Cut**: 60°

### Suspension
- **ZF RF6EM 14,600 lbs. air suspension**
- **Front**: Neway ADL air suspension
- **Rear**: Sachs tuned shocks

### Tires
- **Michelin XRV 305/70R 22.5 20-ply. radial**

### Wheels
- **4 aluminum, 2 steel 22.5 x 8.25 in. with 10 bolt lugs**
- **11.25 in. diameter bolt center**

### Instrumentation
- **Gauges**: speedometer, tachometer, primary/secondary air gauges, fuel and volt gauge, engine coolant/pressure compressor/exterior temp, air cleaner restriction gauge

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**Custom Chassis Features**
- **5-year, 100,000-mile coolant ***
- **Long life 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**
- **R-134A air conditioning compressor**
- **Electronic cruise control with high idle**
- **VIP Smart steering wheel, 18 in.**
- **TRW column drive infinitely adjustable tilt/telescoping steering column**
- **Suspended adjustable pedals**
- **Push button shift control**
- **Driver message center with integral LCD display**
- **Neway air ride suspension/Sachs tuned shock absorbers**
- **Michelin XRV 305/70R 22.5 20-ply**
- **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**
- **Tow power connector**
- **Daytime running lights**
- **Hitch rating: 10,000 lbs.***

* 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