Dutch Star

2013 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
XC-R SERIES

**Engine**
- Cummins ISL turbocharged, aftercooled
- Peak HP: 400 HP @ 2,100 rpm
- Peak Torque: 1250 lb•ft

**Transmission**
- Gear Ratios: Allison 3000MH six-speed automatic with lock up
  - 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: 200 amp Leece Neville
- Starting Battery: Denso 12 volt
- Two 1900 CCA @ 0°F; 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 6.2 mm)

**Fuel Tank**
- 100 gallon, dual fuel fill: 10 gallon DEF tank

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

**Suspension**
- Front: ZF RF6EM 14,600 lbs. air suspension
- Rear: Neway ADL air suspension
- Shock Absorber: 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 compass/exterior temp, air cleaner restriction gauge

---

For reference only. For certified dimensions, consult Freightliner Custom Chassis Corporation. Specifications are as of 05/2/11, 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 1-800-545-8831.

Copyright 2012, Freightliner Custom Chassis Corporation. All rights reserved.

Freightliner Custom Chassis Corporation is a subsidiary of Daimler Trucks North America LLC, a Daimler Company.


***Some maintenance required

---

**Custom Chassis Features**
- 5-year, 100,000-mile coolant ***
- Long life transmission fluid
- Lowered engine
- 18.7 CFM air compressor
- 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
- Accushield 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: 5,000 lbs. weight carrying
  - / 10,000 lbs. weight distributing *
- * Towing capacity limited by towing components and their attachment to the frame. See operator's manual for braking requirements on towed vehicles

For reference only. For certified dimensions, consult Freightliner Custom Chassis Corporation. Specifications are as of 05/2/11, 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 1-800-545-8831.

---

**XC-R SERIES**

**Engine**
- Cummins ISL turbocharged, aftercooled
- Peak HP: 400 HP @ 2,100 rpm
- Peak Torque: 1250 lb•ft

**Transmission**
- Gear Ratios: Allison 3000MH six-speed automatic with lock up
  - 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: 200 amp Leece Neville
- Starting Battery: Denso 12 volt
- Two 1900 CCA @ 0°F; 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 6.2 mm)

**Fuel Tank**
- 100 gallon, dual fuel fill: 10 gallon DEF tank

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

**Suspension**
- Front: ZF RF6EM 14,600 lbs. air suspension
- Rear: Neway ADL air suspension
- Shock Absorber: 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 compass/exterior temp, air cleaner restriction gauge