XC- Series Motorhome Chassis

FEATURE

- 3 Year, 50,000 Mile Warranty ............................................ Best in The Industry
- 9" 50,000 PSI Frame Rail ................................................. Solid Foundation
- 50 Degree Wheel Cut ........................................................ Excellent Maneuverability
- Over 350 Dealers ............................................................... Service Where You Need It

2003 MODEL YEAR

Discovery
by Fleetwood
## Discovery by Fleetwood Custom Chassis Features

- 13.2 CFM air compressor
- 70 in (1778 mm) front overhang
- Farr Eco-air cleaner
- Air filter restriction indicator
- Neway air ride suspension/Sachs tuned shock absorbers
- Douglas tilt/telescoping steering column
- Fuel/water separator
- Michelin XRV 255/80R22.5, LRG
- Heater hose assembly to front of chassis
- 1000 watt in-block engine heater
- Exhaust brake
- Electronic cruise control with high idle
- Midland Pure Air Plus heated air dryer
- Push button shift control
- R-134A air conditioning compressor with condenser
- VIP steering wheel, 18 in (457 mm)
- Air suspension deflation system
- Polished aluminum wheels with trim kit
- Towing capacity limited by towing components and their attachment to the frame.
- Tire size may affect wheel cut.

For reference only. For certified dimensions, consult Freightliner Custom Chassis Corporation. Specifications are as of 5/03/02, 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.

### XC-SERIES

#### Engine
- Caterpillar 3126E turbocharged, aftercooled, 7.2 L electronic diesel
- Peak H p: 330 H p @ 2,400 rpm
- Peak Torque: 860 lb-ft (1166 N•m) @ 1,440 rpm

#### Transmission
- Gear Ratios: Allison 3000 M H six-speed automatic with lock up
- 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: 10,410 lb (4726 kg)
- Rear GAWR: 17,500 lb (7945 kg)
- GVWR: 27,910 lb (12 671 kg)
- GCWR *: 37,910 lb (17 211 kg)

#### Wheelbase
- 242 in (6147 mm) 252 in (6401 mm)

#### Front Axle
- Capacity: 10,500 lb (4762 kg)
- Track Width: 81.9 in (2080 mm)

#### Rear Axle
- Drive Ratio: 4.63:1
- Capacity: 17,500 lb (7945 kg)
- Track Width: 72.1 in (1830 mm)

#### Brakes
- Full air brakes with auto slack adjusters and ABS
- Front and Rear Service: 15 x 4 in (front) and 16.5 x 7 in (rear) drum-style S-cam
- Parking: Spring-applied air release 16.5 x 7 in drum-style (rear axle)
- Push-pull lever controlled

#### Cooling System
- Radiator Core: 2 rows, 15 FPI, 1050 in² (6775 cm²)
- Radiator Type: Cross-flow, rear mounted
- Charge Air Cooler: Cross-flow
- Transmission Oil Cooler: Remote mounted water to oil
- Fan: Belt driven

#### Electrical System
- Alternator: Delco 130 amp
- Starting: Denso 12 volt
- Battery: Two 760 CCA @ 0°F (-18°C); maintenance-free

#### Frame
- Straight Frame Rail Construction
- 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 4.8 mm)

#### Fuel Tank
- 90 gal (341 L), dual fuel fill

#### Steering System
- TRW TAS 65, integral hydraulic power gear
- Rating: 12,000 lb (5448 kg)
- Ratio: 20.4:1
- Pump: Gear-driven
- Wheel Cut **: 50°

#### Suspension
- Neway air suspension (front and rear)
- Shock Absorber: Tuned shocks, Sachs
- Heavy-Duty Stabilizer Bar Diam: 1.50 in (38 mm) (front)

#### Tires
- Six Michelin XRV 255/80R22.5, LRG
- 4 Aluminum 2 Steel 22.5 x 7.5 in (522 x 191 mm)
- with 10 bolt lugs 11.25 in (285.75 mm) diameter bolt center

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

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