EMPRESS

2009 Model Year

XCP-Series Motorhome Chassis Powerliner

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
### XCP-SERIES POWERLINER

**Engine**
- Cummins M11 turbocharged, aftercooled
- 10.8 L electronic diesel
- Peak HP: 500 HP @ 2,100 rpm
- Peak Torque: 1550 lb•ft (2101 N•m) @ 1,200 rpm

**Transmission**
- Gear Ratios: Allison 4000MH six-speed automatic with lockup
  - First: 3.51:1
  - Second: 1.91:1
  - Third: 1.43:1
  - Fourth: 1.00:1
  - Fifth: .74:1
  - Sixth: .64:1
  - Reverse: 5.48:1

**Vehicle Weight Ratings**
- Front GAWR: 14,600 lb (6628 kg)
- Rear GAWR: 20,000 lb (9080 kg)
- Tag GAWR: 13,000 lb (5902 kg)
- GVWR*: 47,600 lb (21,610 kg)
- GCWR: 57,600 lb (26,150 kg)

**Wheelbase**
- 266 in (6756 mm)

**Front Axle**
- Capacity: 14,600 lb (6628 kg)
- Track Width: 85 in (2159 mm)

**Rear Axle**
- Drive Ratio: 4.30:1
- Capacity: 21,000 lb (9534 kg)
- Track Width: 72.1 in (1840 mm)

**Tag Axle**
- Capacity: 13,000 lb (5902 kg)
- Track Width: 85 in (2159 mm)

**Brakes**
- Full air brakes with ABS
- Front Service: 17 in dia. air disc
- Rear/Tag Service: 17 in dia. air disc
- Parking: 17 in dia. air disc (rear axle)
- Spring-applied air release

**Cooling System**
- Radiator Core: Low-profile, 1,550 in² (10 001 cm²)
- Radiator Type: Down-flow, side-mounted
- Charge Air Cooler: Cross-flow, heavy-duty
- Transmission Oil Cooler: Remote mount, water-to-oil
- Fan: Hydraulic driven, temperature controlled

**Electrical System**
- Alternator: Leece Neville, 170 amp
- Starting: Delco 42MT, 12 volt
- Battery: Two 950 CCA @ 0°F (-18°C); maintenance-free

**Frame**
- Raised frame rail with lowered rear section
- Max Resist. Bending Moment:
  - Upper rail: 592,582 lb•in (83 294 N•m)
  - Lower rail front: 428,200 lb•in (48 380 N•m)
  - Lower rail rear: 113,775 lb•in (145 875 N•m)
- Max Frame Section (Lower rail): 897,363 lb•in (101 044 N•m)
- Max Frame Section (Lower rail): 13.00" x 0.375" lower rail rear
- 150 gal (568 L); dual fill

**Steering System**
- ZF 8018 integral hydraulic power gear
- 14,600 lb (6628 kg)
- Ratio (variable): 19.3:1 to 22.7:1
- Wheel Cut: 60°

**Suspension**
- ZF RL-75 EM IFS air suspension
- Neway AD 123 air suspension
- Ingersol-IMT F12 drop center air suspension
- Tuned shocks, Sachs

**Tires**
- Michelin XZA2 295/80R 22.5, LRH

**Wheels**
- 6 aluminum, 2 steel 22.5 x 8.25 in
- 572 x 210(mm) 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