XCR- Series Motorhome Chassis

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

2008 MODEL YEAR

Phaeton
by Tiffin
### Phaeton by Tiffin
#### Custom Chassis Features
- 5 year, 100,000 mile coolant ***
- TranSynd 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: VGT
- R-134A air conditioning compressor
- Electronic cruise control with high idle
- VIP steering wheel, 18 in (457 mm)
- TRW 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
- XZE 275/80R 22.5 LRG
- 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
- Tow power connector
- Day Time running lights
- * Towing capacity limited by towing components and their attachment to the frame. See operators manual for braking requirements on towed vehicles

*** Some maintenance required

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### Engine
- Cummins ISC turbocharged, aftercooled 8.3 L electronic diesel
- Peak Hp: 360 Hp @ 2,200 rpm
- Peak Torque: 1050 lb•ft (1424 N•m) @ 1,400 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
- 208 in (5283 mm)
- 266 in (6756 mm)

### Front Axle
- Capacity: 12,000 lb (5448 kg)
- Track Width: 82.89 in (2105 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. Discs
- Rear Service: 16.5 x 7 in. drum- S-cam
- Parking Rear: 16.5 x 7 in. drum Spring-applied air release

### Cooling System
- Radiator Core: 2 rows, 15 FPI, 1270 in²
- Radiator Type: Cross-flow, rear mounted
- Charge Air Cooler: Cross-flow
- Transmission Oil Cooler: Remote mtd. water-to-oil
- Fan: Belt driven with viscous fan clutch

### Electrical System
- Alternator: Leece-Neville 170 amp
- Starting: Denso 12 volt
- Battery: Two 950 CCA @ 0°F (-18°C); maintenance-free

### Frame
- Raised Frame Rail with Lowered Rear Section
- 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
- 100 gal (379 L), dual fuel fill

### Steering System
- TRW THP 60, integral hydraulic power gear
- Rating: 12,000 lb (5448 kg)
- Ratio: 20.4:1
- Pump: Gear-driven
- Wheel Cut: 55°

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

### Tires
- XZE 275/80R 22.5 LRG

### Wheels
- 4 aluminum 2 Steel 22.5 x 8.25 in (522 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