



**Spartan Chassis, Inc.**  
 1165 Reynolds Rd  
 Charlotte, Michigan 48813  
 (517) 543-6400 Fax (517) 543-7728

*Proudly Presents the New  
 2006 K2 Chassis Custom  
 Built for:*



*Tiffin Motorhomes, Inc.*

*~ 2006 Zephyr ~*



- **New Cummins 10.8 liter 500HP ISM Electronic Diesel Engine**
- 14.6 IFS w/55 degrees of wheel cut
- *Hadley SLS* – Automatic Electronic Air Leveling System
- Adjustable Foot Pedals
- VIP “Smart-Wheel”
- Automatic Moisture Ejectors
- 270amp Alternator
- 15,000 lb. Capacity Tow Hitch w/ Electrical Connector
- 3yr/50,000 Mile “No Deductible” Warranty

**Chassis Weight Ratings:**

- GVWR 44,600 lb.
- Front GAWR 14,600 lb.
- Rear GAWR 20,000 lb.
- Tag Axle 10,000 lb.
- GCWR 59,600 lb.

**\* Includes 24/7 “Roadside Companion” program for duration of Warranty.**

Spartan Motors, Inc. reserves the right to change the above specifications without notifications.  
 Revision: 1.2006

<p><b><u>Engine</u></b></p> <ul style="list-style-type: none"> <li>• Engine:</li> <li>• Peak Horsepower:</li> <li>• Peak Torque:</li> </ul>	<ul style="list-style-type: none"> <li>• Cummins ISM, fully electronic, 10.8L diesel w/ “VG” turbocharger &amp; cooled ERG</li> <li>• 500 hp @ 1,900-2,000 rpm</li> <li>• 1550 lb.-ft. @ 1,300 rpm</li> </ul>
<p><b><u>Transmission</u></b></p> <ul style="list-style-type: none"> <li>• Transmission:</li> <li>• Gear Ratios:</li> </ul>	<ul style="list-style-type: none"> <li>• Allison MH-4000 electronic six speed w/two overdrives, push button control</li> <li>• <u>1<sup>st</sup></u> <u>2<sup>nd</sup></u> <u>3<sup>rd</sup></u> <u>4<sup>th</sup></u> <u>5<sup>th</sup></u> <u>6<sup>th</sup></u> <u>Rev.</u>                      3.51 1.91 1.43 1.00 0.74 0.64 -4.80</li> </ul>
<p><b><u>Wheel Base</u></b></p> <ul style="list-style-type: none"> <li>• Wheel Base:</li> <li>• Font Over Hang:</li> <li>• Rear Over Hang:</li> </ul>	<ul style="list-style-type: none"> <li>• 316 Inch (283” from frt. axle to drive axle)</li> <li>• 72.63 Inch</li> <li>• 128.25 Inch</li> </ul>
<p><b><u>Front Axle</u></b></p> <ul style="list-style-type: none"> <li>• Front Axle:</li> <li>• Capacity:</li> <li>• Track</li> </ul>	<ul style="list-style-type: none"> <li>• Tuthill IFS1460 Independent Front Suspension</li> <li>• 14,600 lb.</li> <li>• 85.10” track width w/ oil bath</li> </ul>
<p><b><u>Rear Axle</u></b></p> <ul style="list-style-type: none"> <li>• Drive Axle:</li> <li>• Ratio:</li> <li>• Tag Axle:</li> </ul>	<ul style="list-style-type: none"> <li>• Meritor RC-23-161 w/73.40” track width, oil bath bearings and hub piloted wheel ends.</li> <li>• 4.30:1 “Quiet-Gear” for RV’s</li> <li>• 10,000 lb. maximum capacity</li> </ul>
<p><b><u>Brakes</u></b></p> <ul style="list-style-type: none"> <li>• Front and Rear Service:</li> <li>• Engine Brake:</li> <li>• ABS Brakes:</li> </ul>	<ul style="list-style-type: none"> <li>• Full air brakes w/automatic slack adjusters 16.5” x 5.0” front, &amp; 16.5” x 7.0” rear</li> <li>• 2 Stage “JAKE” engine compression brake</li> <li>• WABCO 4M/4S ABS system</li> </ul>
<p><b><u>Cooling System</u></b></p> <ul style="list-style-type: none"> <li>• Side mounted radiator:</li> </ul>	<ul style="list-style-type: none"> <li>• 1,478 in<sup>2</sup> AKG parallel airflow system with low profile radiator, charge air cooler, and integrated A/C condenser utilizing a modulated belt driven cooling fan.</li> </ul>
<p><b><u>Electrical System</u></b></p> <ul style="list-style-type: none"> <li>• Alternator:</li> <li>• Batteries:</li> </ul>	<ul style="list-style-type: none"> <li>• 270 amp. Leece-Neville alternator</li> <li>• (2) Douglas 950 cca batteries</li> </ul>
<p><b><u>Frame</u></b></p> <ul style="list-style-type: none"> <li>• Front Drop:</li> <li>• Center Rail:</li> <li>• Rear Drop:</li> </ul>	<ul style="list-style-type: none"> <li>• 10.25” x 3.50” x .38”</li> <li>• 8.25” x 3.50” x .38”</li> <li>• 9.00” x 2.75” x .38”</li> </ul>
<p><b><u>Fuel Tank</u></b></p> <ul style="list-style-type: none"> <li>• Tank Capacity:</li> </ul>	<ul style="list-style-type: none"> <li>• 150gal, dual fill w/ side mounted sending unit</li> </ul>
<p><b><u>Steering System</u></b></p> <ul style="list-style-type: none"> <li>• Steering Gear:</li> <li>• Steering Wheel:</li> <li>• Steering Cramp Angle:</li> <li>• Steering Column:</li> </ul>	<ul style="list-style-type: none"> <li>• ZF-8098</li> <li>• VIP wood grain leather wrapped “Smart-Wheel”</li> <li>• 55 degree</li> <li>• Douglas tilt &amp; telescoping</li> </ul>
<p><b><u>Suspension</u></b></p> <ul style="list-style-type: none"> <li>• Suspension:</li> <li>• Shock Absorber:</li> </ul>	<ul style="list-style-type: none"> <li>• Reyco 240AR Suspension w/ electronic air dump</li> <li>• Bilstein gas-pressurized hydraulic shocks</li> </ul>
<p><b><u>Tires/Wheels</u></b></p> <ul style="list-style-type: none"> <li>• Tires:</li> </ul>	<ul style="list-style-type: none"> <li>• 295/80R22.5 XZA2 Michelin Tires</li> </ul>
<p><b><u>Wheels</u></b></p> <ul style="list-style-type: none"> <li>• Wheels:</li> </ul>	<ul style="list-style-type: none"> <li>• (6) Accuride Aluminum &amp; (2) Steel wheels</li> </ul>