
























## Beginning with a

'95 PEP Mazda Miata with factory Torsen limited slip differential

	WHEELS		TIRES	
SHOCKS		BRAKES		SPRINGS
	SWAY BARS		ALIGNMENT	

and with carefully selected aftermarket parts (Phase I)

producing

a Wine Country Tourer/Autocrosser (passing "mother-in-law test")

## Phase I Mods

<b>Light Weight Street Wheels</b> <ul style="list-style-type: none"> <li>• SSR Type C – 15x7.5”</li> <li>• Kosei K1 TS– 15x7”</li> <li>• Enki RPF1 – 15x7” (35 E.T.)</li> </ul>	<b>Ultra Performance Tires (205/50)</b> <ul style="list-style-type: none"> <li>• BFG G-Force KD</li> <li>• Falken Azenis RT-215 &amp; 615</li> <li>• Toyo T1-S (195/50)</li> <li>• Khumo MX</li> </ul>
<b>Adjustable Shock Absorbers</b> Koni Sport - SA	<b>Shock Mounts</b> OEM
<b>Lowering Springs</b>	
<b>Front</b> Racing Beat spring rate of 203 lbs/in., which provides a rate increase of 30% over the stock springs. These springs provide a drop of 1.25-inch	<b>Rear</b> Racing Beat springs have a spring rate of 111 lbs./in., which provides a rate increase of 18% over the stock springs. These springs provide a drop of 1-inch.
<b>Stiffer Anti-roll Bars</b>	
<b>Front</b> Racing Beat 1-1/8-inch OD tubular sway bar (1/8-inch ID wall) - 3 times stronger than stock	<b>Rear</b> Racing Beat 5/8-inch – 4.3 times stronger than stock
<b>Anti-roll Bars End Links</b> Racing Beat adjustable HD (Heavy Duty) Sway Bar Links	<b>Alignment</b> <ul style="list-style-type: none"> <li>• Camber -2.5degF / -2.7deg R</li> <li>• Toe 1/16" out F / 1/16" in R</li> <li>• Caster 4.3 - 5.1 (Maxed)</li> </ul>
<b>Brakes</b> <ul style="list-style-type: none"> <li>• Goodwin Stotted Rotors - front and rear</li> <li>• Hawk HP+ Street/Performance pads – front and rear</li> <li>• ATE Super Racing brake fluid</li> </ul>	<b>Tuning</b> <ul style="list-style-type: none"> <li>• Advanced Timing</li> <li>• Denso Iridium Plugs</li> <li>• K&amp;N Pannel Air Filter</li> </ul>
<b>Synthetic Fluids</b> Redline in transmission, differential and engine	<b>Motor Mounts</b> OEM
<b>Accessories</b> <ul style="list-style-type: none"> <li>• Momo brake pedal</li> <li>• Leather steering wheel cover</li> <li>• Voodoo aluminum shift knob</li> <li>• Shock tower braces</li> <li>• Hella halogen headlamps</li> <li>• Racing Beat Cruise Control Relocation</li> <li>• Clifford Alarm</li> </ul>	<b>Body</b> <ul style="list-style-type: none"> <li>• Grill insert</li> <li>• Sunbrella top w/ Glass window</li> </ul>

Championship (thanks to our Sponsors, Drivers and Mechanics)



	<p><b>Boss Frog Double Hoop Roll Bar</b></p>			 

2006 PHASE II, Autocross/Track Car

<b>Light Weight Street Wheels</b> <ul style="list-style-type: none"> <li>• SSR Type C – 15x7.5” autox</li> <li>• Enki RPF1 – 15x7” (35 E.T.) trac</li> </ul>	<b>Ultra/DOT-R Performance Tires</b> <ul style="list-style-type: none"> <li>• Falken Azenis RT-615 (205/50) autox</li> <li>• Toyo Proxies RA-1 (205/50) trac</li> </ul>
<b>Adjustable Shock Absorbers</b> Koni Sport - SA	<b>Shock Mounts</b> Stock front/Flyin'Miata rear
<b>Lowering Springs</b>	
<b>Front CG adj. w/ Eibach 550 lb. ERS</b>	<b>Rear CG adj. w/ Eibach 450 lb. ERS</b>
<b>Anti-roll Bars</b>	
<b>Front</b> Racing Beat 1-1/8-inch OD tubular sway bar (1/8-inch ID wall)with adjustable HD (Heavy Duty) Sway Bar Links and Mazdaspeed Competition Mounts	<b>Rear</b> Stock w/ Racing Beat adjustable end-links
<b>Control Arm Bushings</b> Front – Mazdaspeed rubber upper & Flyin' Miata Polyurethane Lower Rear - Stock	<b>Alignment</b> <ul style="list-style-type: none"> <li>• Camber -2.5degF / -2.25deg R</li> <li>• Toe 1/16" out F / 1/16" in R</li> <li>• Caster 4.3 - 5.1 (Last Maxed)</li> <li>• Corner Weighted - diagonally balanced</li> </ul>
<b>Brakes (STS2 Class restricted)</b> <ul style="list-style-type: none"> <li>• Goodwin Stotted Rotors - front and rear</li> <li>• Hawk HP+ Street/Performance pads – front and rear</li> <li>• ATE Super Racing brake fluid</li> </ul>	<b>Tuning</b> <ul style="list-style-type: none"> <li>• Advanced Timing</li> <li>• Denso Iridium Plugs</li> <li>• MonsterFlow Intake</li> <li>• Bosal 4/2/1 Header</li> <li>• RoadsterSport Cat-back Exhaust</li> <li>• <a href="#">Refresh 170,000 mile engine &amp; clutch</a></li> </ul>
<b>Synthetic Fluids</b> <a href="#">To be determined</a>	<b>Motor Mounts</b> <a href="#">To be determined</a>
<b>Accessories</b> <ul style="list-style-type: none"> <li>• Momo brake pedal</li> <li>• Leather steering wheel cover</li> <li>• Voodoo aluminum shift knob</li> <li>• Shock tower braces</li> <li>• Hella halogen headlamps</li> <li>• Schroth Harnesses (alt. to 3 point OEM)</li> <li>• Window tint</li> <li>• Trailer hitch</li> <li>• TireTail</li> <li>• Harbor Freight Trailer</li> <li>• Camera Mounts</li> <li>• Remote Microphone</li> </ul>	<b>Body</b> <ul style="list-style-type: none"> <li>• OEM Removable Hardtop</li> <li>• Miata R model front air dam</li> <li>• Boss Frog Double Hoop – w/padding</li> <li>• <del>SCCA approved roll bar</del> (tested by a Licensed Professional Engineer to meet/exceed the design verification/test requirements of the Appendix J, Article 253, Sub-article 8 of the FIA standard) _</li> <li>• <a href="#">Refresh 10 year old paint job/body work</a></li> <li>• <a href="#">Race Seats</a></li> </ul>

Items in **black text** were added to Phase I modifications. Items grayed out were carried forward into Phase II and those in **blue text** are under evaluation.

