
















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

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

Championship (thanks to our Sponsors, Drivers and Mechanics)



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

2006 PHASE II, Autocross/Track Car

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

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.

