

# Miata Challenge 2015

**06/14/2015**

## **OVERVIEW:**

- Section 1: Classing Rules
- Section 2: Classing Points System
- Section 3: General Vehicle Regulations
- Section 4: General Regulations
- Section 5: Challenge Event Procedures

## SECTION 1: CLASSING RULES

### 1-1 OVERALL CLASSING RULES

#### 1-1.1

The following safety restrictions apply to all classes.

Properly Installed SFI or FIA 5/6 pt. harnesses, FIA or SFI seat and SFI-approved head and neck restraints are not mandatory but encouraged.

No lightening points will be assessed for SFI or FIA 8855-1999 approved racing seats.

4/5/6 point harnesses may not be used with OEM seats.

4-point harnesses must be ASM type.

90-05 Miatas must have a four-point roll bar bolted or welded to the frame per Speed Ventures minimum safety requirements for open cars. Two-point "style" bars not allowed.

6-8 point cage incurs no additional modification points in any class.

All vehicles are required to have functioning tail lights of the same light output and color.

#### 1-1.2

Tow hooks or marked tow points are required for all entrees. OEM tow hooks may be removed but vehicle must retain at least one front and one rear fixed or strap style two hook at all times while on course.

#### 1-1.3

Up to 100-octane unleaded pump gas, or E01~E100 allowed. Water- or Methanol-injection is allowed; however, Methanol can not be primary fuel source. Nitrous Oxide injection is not permitted and any competitor discovered to be employing N2O will be banned from the Miata Challenge forever.

#### 1-1.4

Non-Miata engine conversions include points for internal, external engine mods, header, exhaust, subframe. Engine conversion must also take 1 point for LSD if so equipped. Forced induction Miata engine includes points for ECU, header, exhaust, internal and external mods.

#### 1-1.5

A car that has too many points for Mod and gets bumped to SuperMod may be allowed some items for zero points such as Miata engine swap. This does not mean it gets bumped back down to Mod.

#### 1-1.6

If a modification is not otherwise covered in these rules, it is not allowed.

#### 1-1.7

Minimum vehicle weights are measured with driver as raced. If the driver's vehicle is under the minimum weight for a given class, the vehicle will be reclassified to the appropriate class regardless of modification points. (A stock Miata is 2200-2400 lbs without the driver or fuel so unless you have made major weight reductions, you're probably OK. If you do get your car weighed, simply keep the receipt and present to Speed Ventures Challenge Series Officials if asked to do so.)

#### 1-1.8

Full face helmet mandatory in all classes.

## 1-3 STREET CLASS

Vehicles weighing greater than 2200 lbs with driver, 7 or fewer total Classing System points. Any driver entering Miata Challenge for the first time may enter Street class in any year Miata regardless of preparation level. Said driver may compete for trophy and prizes that day but cannot earn series points unless the car is prepared to Street class level. First time competitors may enter Street and still be eligible for Rookie award.

### 1-3.1

The following modification restrictions apply to the Street Class.

- No less than 200 treadwear tires allowed
- No internal engine modifications. Engine swap to fully stock 90-05 Miata engine allowed but must take 2-1.4 and 2-1.9 engine upgrade points
- Individual throttle bodies not allowed
- Vehicle must have OEM or OEM-equivalent door cards and carpet.
- 8" maximum wheel width
- Mirrors can only serve their original function.
- Windshield must be OEM/OE-replacement and made of DOT-approved shatter-resistant glass.
- Vehicle must retain complete OEM dashboard.
- Alternator must be OEM or direct OEM replacement in stock location.
- Vehicle must have a functional passenger seat.
- Windshield or windshield frame may not be removed
- Wheel Spacers can be a maximum of 3mm on OEM studs and 20mm on extended studs.
- Quaife or OS Giken close ratio dog box conversions are not allowed in Street Class.
- Functioning OEM parking brake mechanism must be retained.
- No more than two 3" diameter holes may be opened in front bumper for cooling ducts without points ascribed (see Aerodynamic Points section for penalty).
- Suspension bushings may be replaced with OEM replacement urethane or hard rubber type. No solid materials (e.g.: Delrin, Aluminum, Acetal).
- Control Arms must be Mazda Miata factory control arms. These may be updated or backdated and material may be added but not removed.
- Aftermarket or modified OEM bump stop spindles are not permitted.
- Non-OEM exhaust must be located aft of the OEM cat location.
- Vehicle must have functioning catalytic converter whose function can be quickly verified with infrared heat gauge.
- Radiator must be mounted within 2" of OEM location in same orientation.
- Oil cooler must be located in engine bay and serve no other function.
- Hood and trunk may be pinned but OEM trunk and hood hinges must be retained.
- Front hood latch can be removed if two pins are used. Must attach within .025" of OEM location.
- Hood vents may protrude no more than 1.25" above surface of OEM hood.
- Chassis stiffening braces can serve no other purpose.
- Tub (unibody) cannot be modified except, and only, to allow installation of approved roll bar, seat, intercooler or engine swap.
- Unmodified OEM subframe must be retained unless altered as part of a non-Miata engine swap.
- OEM or direct OEM replacement tail lights must be retained in original position.
- OEM engine swap points include OEM exhaust manifold/downpipe and OEM intake manifold ECU from new engine.

- Non-USDM OEM parts such as higher compression pistons, "squaretop" intake manifold, BP5A intake cam must take appropriate mod points
- Rear window may be replaced with polycarbonate of any thickness provided it covers the entire roof opening

### 1-3.2

In the Street Class, no removal of any single component weight over 1lb will be allowed with the following exceptions:

Carpet may be removed from behind driver seat.  
Brake dust shields.  
ABS system.  
Air conditioning system.  
Power steering system.  
Soft top.  
Hard top.  
Airbag in steering wheel.  
Cruise control.  
Radio.  
Speakers.  
Door arm rests.  
Center console after of shifter.  
High-mount (third) tail light.

### 1-3.3

The following modifications incur no points in the Street Class.

Any battery in stock mounting location.  
Master cut-off switch.  
Any clutch.  
Any flywheel.  
Miata 5-speed or 6-speed transmission.  
USDM Miata ratio Final Drive Ratio (3.9, 4.1, 4.3)  
Any master cylinders and proportioning valves.  
Any Miata OEM or steel caliper, any rotor, soft lines and pads.  
Engine and differential mounts.  
Connecting links for sway bars.  
Upper shock mounts.  
Updated or backdated OEM bump stop.  
Any alignment.  
Any ignition.  
Any radiator (see Restrictions for location)  
Coolant re-route.  
Any oil cooler (see Restrictions for location).  
Fenders may be rolled and/or pulled to allow for tire clearance.  
Updating or backdating OEM subframe.

## 1-4 MODIFIED CLASS

Vehicles weighing greater than 2100 lbs and with total Classing System points of greater than 7 points and fewer than 12 compete in the Modified Class.

### 1-4.1

The following modification restrictions apply to the Modified Class.

- Wheel Spacers can be a maximum of 3mm on OEM studs and 20mm on extended studs.
- Emergency brake mechanism can be removed on non-street legal cars, only.
- No more than two 3" diameter holes may be opened in front bumper for cooling ducts without points ascribed (see Aerodynamic Points section for penalty).
- Alternator may be replaced with aftermarket but must retain OEM mounting points/location.
- Suspension bushings may be replaced with OEM replacement urethane or hard rubber type. No solid materials (e.g.: Delrin, Aluminum, Acetal). However, offset bushing or rigid materials can be used with no additional points ascribed.
- Control Arms must be Mazda Miata factory control arms. These may be updated or backdated and material may be added but not removed.
- Aftermarket or modified OEM bump stop spindles are not permitted.
- Non-OEM exhaust must be located aft of the OEM cat location.
- Radiator must be mounted within 2" of either bottom two or top two OEM mounting points.
- Oil cooler must be location in engine bay and serve no other function.
- Hood and trunk may be pinned. Hood and trunk hinges may be removed only if 4 pins are used per panel and attach within .025" of OEM locations.
- Hood vents may protrude no more than 1.25" above surface of OEM hood.
- Chassis stiffening braces can serve no other purpose.
- Tub (unibody) cannot be modified except, and only, to allow installation of approved roll bar, seat, intercooler or engine swap.
- OEM or direct OEM replacement tail lights must be retained in original position.

### 1-4.2

The following may be removed from a vehicle in Modified Class.

- Passenger seat.
- Carpet
- Dashboard.
- Heater.
- Catalytic converter.
- High-mount (third) tail light.

### 1-4.3

The following modifications incur no points in the Modified Class.

- Master cut-off switch.
- Any clutch.
- Any flywheel.
- Miata 5-speed or 6-speed transmission.
- Any USDM Miata ratio (3.9, 4.1, 4.3, 3.6, 4.875) and any Quaife or OS Giken close ratio dog box conversion.
- Any Miata OEM or steel caliper, any rotor, soft lines and pads.
- Engine and differential mounts.

- Connecting links for sway bars.
- Upper shock mounts.
- Updated or backdated OEM bump stop.
- Any alignment.
- Any exhaust.
- Any ignition.
- Any radiator (see Restrictions for location)
- Coolant re-route.
- Any oil cooler (see Restrictions for location).
- Fenders may be rolled and/or pulled to allow for tire clearance.
- Subframe modification (see Restrictions).
- OEM engine swap points include OEM exhaust manifold/downpipe and OEM intake manifold, ECU from new engine.
- Non USDM OEM parts such as higher compression pistons, "square top" intake manifold, BP5A intake cam must take appropriate mod points

## 1-5 SUPER MODIFIED

Vehicles weighing greater than 2000 lbs and with total Classing System points of greater than 12 points and fewer than 17.75 compete in the Super Modified Class.

### 1-5.1

The following modification restrictions apply to the Super Modified Class.

Mirrors can only serve their original function.

Wheel Spacers can be a maximum of 3mm on OEM studs and 20mm on extended studs.

Emergency brake mechanism can be removed on non-street legal cars, only.

No more than two 3" diameter holes may be opened in front bumper for cooling ducts without points ascribed (see Aerodynamic Points section for penalty).

Suspension bushings may be replaced with any material.

Control Arms must be Mazda Miata factory control arms. These may be updated or backdated and material may be added but not removed.

Non-OEM exhaust must be located aft of the OEM cat location.

Radiator must be mounted within 2" of either bottom two or top two OEM mounting points.

Hood and trunk may be pinned. Hood/trunk hinges may be removed if 4 pins are used per panel.

Hood vents may protrude no more than 1.25" above surface of OEM hood.

Chassis stiffening braces can serve no other purpose.

Tub (unibody) cannot be modified except, and only, to allow installation of approved roll bar, cage, fuel cell, seat, intercooler or engine swap.

Rear window may be replaced with polycarbonate of any thickness provided it covers the entire roof opening.

### 1-5.2

The following may be removed from a vehicle in Super Modified Class.

- Passenger seat.
- Carpet
- Dashboard.
- Heater.
- Catalytic converter.
- High-mount (third) tail light.
- Windshield frame.

1-5.3

The following modifications incur no points in the Super Modified Class.

- Master cut-off switch.
- Any clutch.
- Any flywheel.
- Miata 5-speed or 6-speed transmission.
- Any gear or ratios but only in Miata transmission.
- Any Miata OEM or steel caliper, any rotor, soft lines and pads.
- Engine and differential mounts.
- Connecting links for sway bars.
- Upper shock mounts.
- Updated or backdated OEM bump stop.
- Any alignment.
- Any exhaust.
- Any ignition.
- Any radiator (see Restrictions for location)
- Coolant re-route.
- Any oil cooler (see Restrictions for location).
- Fenders may be rolled and/or pulled to allow for tire clearance.
- Subframe modification.

1-5.4

The following modification restrictions apply to the Super Modified Class.

- Any 90-05 Miata engine may be used without penalty.
- OEM engine swap includes OEM exhaust manifold/downpipe and OEM intake manifold, ECU from new engine.
- Non USDM OEM parts such as higher compression pistons, "square top" intake manifold, BP5A intake cam must take appropriate mod points.

## 1-6 UNLIMITED CLASS

Vehicles with total Classing System points greater than 17.5 points compete in Unlimited Class.

1-6.

- Unless restricted above, all modifications are permitted in the Unlimited Class.
- Wheel Spacers can be a maximum of 3mm on OEM studs and 20mm on extended studs.
- Emergency brake mechanism can be removed on non-street legal cars, only.
- Control arm pivot may be replaced with spherical bearings but the pivot location can only be located up to 25mm from the OEM location for the vehicle year's chassis.
- Non-OEM exhaust must be located aft of the OEM cat location.
- Vehicle must retain contiguous tub between OEM subframe mounting points (e.g.: radiator support may be removed or replaced. Cage may extend to front shock towers. Windshield frame may be removed).
- Tail lights must be located within perimeter of OEM tail light.

## SECTION 2: CLASSING POINTS SYSTEM

### 2-1 POINTS SYSTEM BREAKDOWN

#### 2-1.1

##### Tires

0.00	201+ treadwear
2.00	141-200 treadwear (tires with less than 140 treadwear are not permitted in Street Class)
4.00	101-140 treadwear
6.00	41-100 treadwear
8.00	<40 treadwear (also non-DOT slicks)

#### 2-1.2

##### Wheels

0.00	Wheel width <7.5"
1.00	Wheel width 7.5" - 8"
2.00	Wheel width 8.5+"
-1.00	Steel wheels

#### 2-1.3

##### Suspension

0.50	Any change to OEM front and/or rear sway bar (Update / Backdate free)
0.50	Any non-OEM springs (not including threaded sleeves or adjustable spring perches)
0.50	Any eccentric/offset front suspension pivot bushing (Street Class only)
2.00	Any coilover, includes sway bar, bushing and spring points
0.25	Any aluminum brake caliper

#### 2-1.4

##### Power

0.50	Non-OEM header and/or test pipe.
1.50	Any internal engine mod (Cam, pistons, porting, etc.)
0.50	Any external engine mod (intake, pulley).
1.00	ECU or reflash stock ECU. NA6/NA8 may adjust AFM without penalty
3.00	Iron block: V8, V6, non-Miata I4 swap
5.00	Aluminum block swap: V8, V6, Rotary, I4
5.00	Forced induction (Miata engine)

#### 2-1.5

##### Drivetrain

1.00	Qualife or OS Giken close ratio or dog box conversions
1.00	Any Torsen (including OE) or clutch type differential



## 2-1.6

### Body / Aerodynamics

- 0.50 Any aftermarket front lip spoiler
- 1.00 Any custom front aerodynamic modification including canard, splitter or bumper swap (includes lip spoiler)
- 0.50 Any aftermarket rear trunk lip spoiler
- 1.00 Any custom rear aerodynamic modification including wing, diffuser, bumper (includes lip spoiler).
- 0.25 Any non-OEM lightweight body panels including non OEM hard top (points per body panel)
- 0.025 Mid-body flat bottom under tray
- 0.50 Remove windshield (Mod and Super Mod only)
- 0.50 Approved driver seat and 5- or 6-point harness and charged fire extinguisher securely installed and within reach of driver and SFI rated HNRS
- 0.50 SFI approved HNRS (HANS, Necksgen, Defender, etc.) worn during all track sessions. Can only be used with 5 or 6 pt harness and fixed back seat

## 2-1.7

### Safety

- 0.5 Approved driver seat and 5- or 6-point harness and charged fire extinguisher securely installed and within reach of driver and SFI rated HNRS
- 0.5 SFI approved HNRS (HANS, Necksgen, Defender, etc.) worn during all track sessions. Can only be used with 5 or 6 pt harness and fixed back seat

## 2-1.8

### Lightening (Modified and Super Modified Class Only)

- 0.25 Removal of headlight assembly
- 0.25 Removal of front and/or rear bumper supports
- 0.25 Any tubular control arm (non cumulative)
- 0.25 Removal of door windows and/or gutted doors
- 0.50 0.187" or 0.250" Lexan, Tuffak or Makrolon polycarbonate windshield

## 2-1.9

### Model (Street and Modified Class Only)

- 0.50 NA8 (94-97) engine.
- 2.00 NB 99-05 engine, head or bottom end in any year
- 2.25 NC 06-13

## 2-1.10

### Other

- 1.00 Excessive Rice
- 1.00 Non-male Driver
- 1.00 Automatic Transmission (Miata engine only)

## **SECTION 3: GENERAL VEHICLE REGULATIONS**

### **3-1 BODY & FRAME**

- 3-1.1 The Miata Challenge is open to all 1989-2014 Miatas
- 3-1.2 Participants in the Miata Challenge are subject to all safety equipment requirements indicated on the Speed Ventures Tech Form.

### **3-2 TIRES**

- 3-2.1 All tires used in the Miata Challenge regardless of class must be readily available to all competitors through traditional and normal retail outlets.
- 3-2.2 Tire Shaving is permitted in the Miata Challenge.
- 3-2.3 Aside from Tire Shaving, it is not permitted to treat tires used in the Miata Challenge with any form of compound, chemical, liquid, substance or mechanical process to enhance the characteristics of the tire.

### **3-4 FUEL CELLS**

- 3-4.1 Fuel Cells are not required in any class but Competitors in Modified, Super Modified, and Unlimited Class have the option of using them under the conditions listed in this section.
- 3-4.2 Fuel cells must be commercially manufactured and meet at least FIA specification FT3. The bladder must have a printed code indicating the name of the manufacturer, the specification to which it has been manufactured and the date of manufacture. Fuel cells must contain fuel cell foam to a minimum of 80% of the enclosed volume.
- 3-4.3 Entrant must possess proof of fuel cell certification. A copy of certification must be provided the first time a vehicle is registered for a Miata Challenge Event.
- 3-4.4 Fuel cells become obsolete five years after date of manufacture and must be replaced. The fuel cell may be inspected and recertified by the manufacturer for an additional five years.
- 3-4.5 All fuel cells must be fully enclosed in a container made of metal with a minimum .035" thickness.
- 3-4.6 An external fuel surge tank may be used with a maximum capacity of one gallon.

3-4.7

All fuel cells, surge tanks, fuel pumps, and fuel fill lines must be separated from the driver by a metal bulkhead or enclosure. The metal bulkhead or enclosure must be reasonably sealed with no gaps.

3-4.8

All fuel cells, surge tanks, fuel pump installations must be approved by Speed Ventures Competition Officials.

## 3-5 SEAT & HARNESS

3-5.1

Replacement of driver and/or passenger seats with an alternate seat is permitted. See class-specific rules.

3-5.2

If a fixed back race seat, adjustable back race seat, or an OEM seat is used in conjunction with a race harness a harness bar or roll cage/roll bar is required. The harness must be securely mounted. If clip type fastening is used the "clips" must be pinned or wired to prevent release. The lap belt must fit low and tight across the waist and the shoulder straps must be mounted within a 25 degree angle measured as they come off the driver/passenger shoulders.

3-5.3

The OEM 3-point seat belt may be used with a race seat if the OEM 3- point belt fits correctly across the hips and chest of the occupant, with no slack in the belt.

3-5.4

If a 6-point (or more) roll cage is installed, a race seat and proper race harness must be used.

3-5.5

It is recommended that FIA approved seats be used.

3-5.6

It is recommended that SFI or FIA approved race harnesses be used.

3-5.7

The Schroth brand four point harness with ASM Technology is approved to be used without an anti-submarine belt.

3-5.8

It is recommended that all Miatas with aftermarket (non OEM) roll bars/cages utilize SFI approved hard roll bar padding at every point that the driver and passenger can contact when belted in.

## 3-6 MISCELLANEOUS

3-6.1

Components that have no effect on performance may be freely changed or deleted unless specifically covered elsewhere in the rules. Speed Ventures Competition Officials will have sole authority to determine effect on performance.

3-6.2

Any modification that is considered unsafe by Speed Ventures Competition Officials will not be allowed on track.

3-6.3

A tow hook or strap must be installed on at least one end of the vehicle and SHOULD be installed at both the front and rear. If identification of the tow hook or strap is not obvious to safety personnel it must be clearly marked with a sticker or tape. OEM screw in hooks are permitted.

3-6.4

No classes in the Miata Challenge require vehicles to have a fire extinguisher. Installing one is optional.

3-6.5

If a Competitor chooses to have a fire extinguisher on board while on track, it must be mounted within reach of the driver while normally seated. The mounting bracket must be securely fastened to the vehicle and made of metal with a quick release type mechanism. Plastic and aerosol type cans are prohibited. Sheet metal screws will not be considered secure mounting. Fire extinguishers must meet at a minimum 1A10BC multipurpose, ammonium phosphate and barium sulfate or Monnex; 10 BC potassium bicarbonate (purple k) or sodium bicarbonate; Halon 1301 or 1211 2 lb, ABC dry chem 2 lb.

3-6.6

An onboard fire suppression system is highly recommended and may be installed in lieu of a fire extinguisher.

3-6.7

All safety requirements are required to be met during all sessions run with Miata Challenge, including practice and qualifying sessions.

3-6.8

All drivers and passengers must wear a Snell SA2005, FIA Certified 8860-2004, SFE 31.1A-31.12A-31.1/2005 or better helmet while vehicle is on the racing surface.

3-6.9

All drivers and passengers are strongly encouraged to wear a fire resistant head sock or balaclava. Drivers and passengers with long facial hair are required to wear a fire resistant head sock or balaclava.

3-6.10

Unless required by class rules, all drivers and passengers are required to wear at a minimum long pants and long sleeved shirts made of cotton or flame-retardant material. It is highly recommended that all drivers and passengers wear fire resistant underwear. Use of fire suits is highly recommended.

3-6.11

All hoses carrying fuel, engine cooling water, or oil that pass through the cockpit must be shielded hose with bulkhead fittings. No hydraulic fluid lines may have quick release connectors inside the cockpit.

3-6.12

Brake lights must be operational.

## SECTION 4: GENERAL REGULATIONS

### 4-1 APPLICATION OF RULES

#### 4-1.1

The Miata Challenge Regulations are effective upon the date of publication by Speed Ventures, Inc. Adherence to these regulations is required of all competitors and it is the Competitors' responsibility to stay current with published rules. The most up-to-date version of these Miata Challenge Regulations can be found at <http://www.speedventures.com/competitions/>.

#### 4-1.2

The regulations and classifications listed herein are uniformly applicable to all events in the Miata Challenge series.

#### 4-1.3

Speed Ventures Competition Officials present at a given Miata Challenge Event are the initial arbiters and interpreters of these regulations with ultimate authority granted by the sanctioner of the Miata Challenge, Speed Ventures, Inc.

#### 4-1.4

For the sake of timely and decisive outcomes, the interpretation and application of the Miata Challenge Regulations by the Speed Ventures Competition Officials present at the event shall be deemed final at the conclusion of the Awards Ceremony, as indicated on each event's printed and posted Event Schedule.

#### 4-1.5

The close of competition for a given event is determined to be 30 minutes before the start of the Awards Ceremony as indicated on the particular event's printed and posted Event Schedule. Except at the discretion of Speed Ventures Competition Officials, neither protests nor appeals will be heard or considered after the close of competition.

#### 4-1.6

All Miata Challenge event Participants (defined to include competitors, team members, officials and crew) expressly consent to be governed by the determinations and interpretations of these regulations made by Speed Ventures Competition Officials present at the event.

#### 4-1.7

The Participants further agree not to initiate or maintain litigation of any kind against Speed Ventures, Inc. or anyone acting on behalf of Speed Ventures, Inc., (including Speed Ventures Competition Officials) to reverse or modify these regulations, their interpretation and determinations made by Speed Ventures Competition Officials or to seek or recover damages or any other relief as a result of these regulations, their interpretations and determinations made by Speed Ventures Competition Officials.

#### 4-1.8

Participants who initiate or maintain litigation in violation of this covenant agree to reimburse Speed Ventures, Inc., and/or Speed Ventures Competition Officials for the costs of such litigation, not limited to court costs and attorney's fees. Participants further covenant that any litigation brought against Speed Ventures, Inc., and/or Speed Ventures Competition Officials, for any matter related to these regulations, will be tried before a judge of competent jurisdiction and hereby waive any right to trial by jury action.

4-1.9

The Miata Challenge Regulations are intended to ensure that Events are conducted in a manner that is as fair as possible for all Competitors and consistent with the need for prompt and final determination of competition outcomes. On occasion, circumstances will be presented that are either unforeseen or are otherwise extraordinary, in which strict application of the Miata Challenge Regulations may contravene this goal. In such rare circumstances, Speed Ventures Competition Officials, as a practical matter, may make a determination regarding the conduct of competition, the eligibility of a Competitor, or similar matters that are not contemplated by or are inconsistent with the Miata Challenge Regulations. Every effort will be made to honor the spirit and intent of these Miata Challenge Regulations to provide the most equitable and legitimate determinations and interpretations.

4-1.10

At any given event, Speed Ventures Competition Officials may determine the necessity for specific and additional regulations supplementing these Miata Challenge Regulations. Any Supplemental Regulations shall apply to the conduct of that event if they are communicated to all competitors by means of posted bulletins, telephone calls, faxes or drivers meeting announcements.

4-1.11

All Participants and Competitors are required to read and understand the Miata Challenge Regulations detailed herein. By signing an Official Event Entry Form, Participant warrants that he or she has read, understands and assumes responsibility for adherence to these regulations.

## 4-2 SAFETY AND ASSUMPTION OF RISK

4-2.1

Automobile racing is an inherently dangerous sport. Each Participant (defined as competitors, crew, officials and support staff) assumes that risk when he or she participates in a Miata Challenge Event. The risk of serious injury or death cannot be eliminated and, in fact, will always be present at a high level. Participants are required to advise their spouses and next of kin, if any, of this fact. Although safety generally is everyone's concern, Speed Ventures, Inc., cannot be and is not responsible for all or even most aspects of the safety effort.

4-2.2

All Participants are obligated to inspect the racing facilities, safety personnel and equipment, and conditions at the track on a continuing basis before, during, and after the Event. Competitors must promptly report any inadequacy in the facilities, personnel, equipment, or conditions at the track.

4-2.3

Participants are solely and directly responsible for the safety of their vehicles and racing equipment and are obligated to perform their duties (whether as a competitor, driver, or crew member) in a manner designed to minimize to the degree possible the risk of injury to themselves and others. Miata Challenge neither can or will be responsible for the adequacy of a competitor's vehicle, racing equipment, or racing activity to accomplish this purpose.

## 4-3 DRIVER ELIGIBILITY

4-3.1

All drivers participate only at the discretion of Speed Ventures, Inc. Speed Ventures, Inc., reserves the right to exclude or disqualify any driver for ability and or condition of vehicle if either are deemed potentially harmful to other participants, in violation of Miata Challenge Regulations or incompatible with fair and equitable competition.

4-3.2

All persons competing in the Miata Challenge must meet the following conditions:

- A. Driver must have completed, before the first day of competition, a Speed Ventures track event in the White (beginners) Group or equivalent on-track driving experience with a recognized organization.
- B. Driver must be at least 16 years of age.
- C. For drivers under the age of 18, parent or Legal Guardian must either sign the Minors Release in the presence of Speed Ventures personnel or submit in advance a signed and notarized copy of the Minor Release.
- D. Drivers must be in good physical condition as determined at the sole discretion of Speed Ventures Challenge Series Officials.
- E. Drivers must be in good mental health and state of mind and deemed capable of racing at the sole discretion of Speed Ventures Challenge Series Officials.

4-3.3

Drivers may be required to submit to one or more physical examinations by a qualified physician, at the Drivers' expense, to determine driver's fitness to compete in the Miata Challenge.

4-3.4

Drivers must Execute and deliver to Speed Ventures, Inc., such authorizations, releases, applications, consents, waivers and other documents as may be required by Miata Challenge Regulations.

## 4-4 DRIVER OBLIGATIONS

4-4.1

All Participants assume full responsibility for any and all injuries sustained, including death and property damage, anytime they are in the racing areas or en-route thereto or therefrom. Each Participant acknowledges that his or her spouse and next-of-kin have been advised that Participant understands the high risk of serious injury or death which may result from racing, and that the Participant solely assumes all such risks.

4-4.2

Registration to compete in the Miata Challenge is available online via our website: [www.speedventures.com](http://www.speedventures.com). Registrations are subject to all regulations and requirements, including but not limited to cancellation policies, posted and detailed as part of the Speed Ventures Event Registration process. Event Pre-registration via the Speed Ventures website does not constitute a complete entry to compete in the Miata Challenge unless an Official Entry Form is submitted in the Competitor's name by the close of Registration of a given event.

4-4.3

Miata Challenge Official Entry Forms will be made available prior to each event as well as at morning Registration the day of each event. It is the Competitor's responsibility to verify the accuracy and completion of information included on the Official Entry Form before signing it and submitting it to Speed Ventures Competition Officials.

4-4.4

If a Competitor enters an Event without having properly submitted a fully-executed Official Entry Form, the Competitor by such entry nevertheless agrees that he or she is subject to all Miata Challenge Regulations, amendments, and Supplemental Regulations, as well as all statements, releases and obligations appearing in the Official Entry Form, as if he or she had properly submitted a fully-executed Official Entry Form.

4-4.5

Each Competitor, by entering a Miata Challenge sanctioned Event, grants to Miata Challenge, its duly authorized agents and assigns, an exclusive license to use and sublicense his or her name, likeness and performance, including photographs, images and sounds of such Competitor and/or any vehicles(s) with respect to which the Competitor competes in Miata Challenge sanctioned Events, in any way, medium or material (including but not limited to television, satellite signal, digital signal, film productions, audiotape productions, transmissions over the Internet, public and private online services authorized by Speed Ventures, Inc., sales and other commercial projects, and the like) for promoting, advertising, broadcasting, recording or reporting any Miata Challenge sanctioned event before, during and after such event, and each Competitor hereby relinquishes to Miata Challenge exclusively and in perpetuity all rights thereto for such purposes.

4-4.6

In consideration of Miata Challenge Sponsors' contribution to the success of the Miata Challenge, Miata Challenge will specify class sponsor decal identification in standard locations on each car for each Miata Challenge class. This identification must be used in an unmodified form and located on the car per the direction of Speed Ventures Competition Officials.

4-4.7

Speed Ventures, Inc., may approve or disapprove the content, placement and size of any advertising, decal or sponsorship identification for any reason. Speed Ventures, Inc., may refuse to permit any Competitor to participate in an Event if Speed Ventures, Inc., determines that any advertising, sponsorship or similar agreement to which the Competitor (or a car owner, driver or crew member related to the Competitor) is or will be a party, is detrimental to the sport of automobile racing, to Miata Challenge or to Speed Ventures, Inc., for any reason.

4-4.8

Speed Ventures, Inc., may require an event decal and patch to be displayed in standard locations on the car and driver's uniform. Owing to existing decals, patches, vehicle skins or other considerations, Speed Ventures Competition Officials may selectively enforce this requirement without resulting in the disqualification of individual competitors.

4-4.9

By submitting a signed Official Entry Form, competitor grants to Speed Ventures, Inc., and its assigns rights to likenesses, images, etc., as set forth in this Section.

## 4-5 VEHICLE ELIGIBILITY & INSPECTIONS

4-5.1

All cars, car parts and equipment are subject to inspection by Speed Ventures, Inc., at any time and in any manner determined by Speed Ventures Competition Officials. All decisions by Speed Ventures Competition Officials regarding the timing and manner of inspection as well as which cars, car parts or equipment will be inspected, are final and not subject to review or appeal.

4-5.2



Final determination of vehicle eligibility and applicable specifications for an event, as set forth by these regulations, will be made by Speed Ventures Competition Officials. Such determinations may be made at any time before, during or after the Event.

4-5.3

A Competitor must take whatever steps are requested by an Speed Ventures Competition Officials to facilitate inspection of the car.

4-5.4

If a Speed Ventures Challenge Series Official determines prior to the competition that a car, or any installed equipment, fails to meet the applicable specifications, that car will not be allowed to compete unless, at the discretion of the Speed Ventures Challenge Series Official, the deficiency (a) is deemed inadequate to cause ineligibility; (b) will not provide the competitor any competitive advantage over other drivers; (c) will not adversely affect the orderly conduct of the competition. An allowance made by Speed Ventures Competition Officials for a given event does not reverse ineligibility indefinitely. Driver is expected to rectify the deficiency before subsequent events.

4-5.5

Drivers of cars deemed ineligible by Speed Ventures Competition Officials for competition by virtue of setup or attached equipment may be allowed to drive in the competitive format of a given event but under an invalid Entry. Such drivers are not entitled, except at the discretion of Speed Ventures Challenge Series Official, to participate in the competition.

4-5.6

Vehicle Disqualification from competition by Speed Ventures Competition Officials shall not be open for appeal past the Close of Competition, determined as 30 minutes before the start time of the Awards Ceremony as listed on the printed Event Schedule. If the Speed Ventures Competition Official validates an appeal, the formerly disqualified or invalidated Competitor's lap times recorded during the sessions of the competitive format of the given event can be considered in the determination of the event's outcome.

## 4-6 COMPETITION CLASSING

4-6.1

Each Competitor will specify a Classification under which they will compete. The determination of the appropriate Classification, based on the specifics of these and any Supplemental Regulations, is the responsibility of the Competitor. Improperly classed vehicles are subject to protest by all other Participants and subsequent disqualification by Speed Ventures Competition Officials. Classifications are to be made based on the following General Vehicle Regulations and the specific Regulations of each separate Classification: Street Class, Modified Class and Unlimited Class.

## SECTION 5: CHALLENGE EVENT PROCEDURES

### 5-1 EVENT DAY PROCEDURES

#### 5-1.1

Each event will begin with a period for Registration at which Drivers and Competitors get their Run Group assignments and receive the schedule for the day's events. Drivers who have not pre-registered to drive in the event can register at this time if there are spaces available.

#### 5-1.2

The format for a given Event's Miata Challenge will be determined by Speed Ventures, Inc., and announced at the Drivers Meeting. An Miata Challenge can take one of several forms including "Fast Time of the Day" (FTD), dedicated Time Trial sessions or competition-only low car-count sessions, among others.

#### 5-1.3

Speed Ventures, Inc., adheres to strict target car-counts for every run group at every venue. Once the appropriate run group is full, there will be no additional entries into that group. Drivers are not permitted to run in groups that are not appropriate to their experience level. Competitors are advised always to pre-register for events in which they expect to compete.

#### 5-1.4

An event schedule will be printed for each event and furnished for Drivers at Registration. While Speed Ventures Competition Officials will make every effort to operate sessions as scheduled, unforeseen changes to the schedule may be necessary and Drivers are responsible to keep abreast of changes, as announced, in order to participate in their assigned sessions.

#### 5-1.5

All Participants are expected to attend mandatory Drivers Meetings at the start of a track day.

#### 5-1.6

Unless otherwise established by Speed Ventures Competition Officials during the drivers meeting or by special announcement, the 2nd, 3rd and 4th sessions of the day will qualify for Miata Challenge results.

#### 5-1.7

In the case of a tie, wherein multiple drivers record the same time within 1/1000th of a second, Competitors will each be awarded the number of points merited by the tied place finish.

### 5-2 ENTRY REQUIREMENTS & COMPETITOR RESPONSIBILITIES

#### 5-2.1

In order to compete in an Event, an Entrant must submit and have approved an Official Entry Form for the Event, required by Miata Challenge for Participants to be able to Compete and figure

into the outcome of a given Miata Challenge Event. This form must be completed and submitted no later than the close of the Registration period as indicated on the event day Schedule.

5-2.2

Drivers must attest to the fitness of their vehicle with a completed Tech Form. This form can be completed in advance or obtained and completed the morning of the event. A Tech Form does not replace an Official Miata Challenge Entry Form. The Driver/Entrant will attest to and sign the form stating the vehicle is track ready and free from any mechanical defect.

5-2.3

It is the responsibility of the Entrant to obtain the appropriate Official Entry Form, and to ascertain and abide by all applicable deadlines and instructions. The active distribution of such forms to Competitors by Speed Ventures Competition Officials does not relieve them of this responsibility.

5-2.4

It is a Competitor's responsibility to properly class their vehicle. Incorrectly classed vehicles will result in disqualification and not reassignment to the appropriate class.

5-2.5

Competitors will not be permitted to switch vehicles once qualifying sessions have begun and may compete only in the vehicle for which an entry form was submitted.

5-2.6

Once a car is classed and an entry form is submitted, Participants may not modify their cars.

5-2.7

The Entrant must complete the Official Entry Form for the Event in full and submit it at Registration of each event in which participant intends to compete. Official Entry Forms submitted after the completion of the morning Drivers Meeting will be accepted only at the discretion of Speed Ventures Competition Officials.

5-2.8

Drivers must be paying, registered participants in each given event. While there is no requirement as to how many sessions a driver must run, he or she must have paid the fee attendant with a complete track event. Drivers paying for individual "a la carte" sessions on track are not eligible to compete.

5-2.9

Acceptance of any entry is at the discretion of Speed Ventures Competition Officials and Speed Ventures, Inc.

5-2.10

All drivers must attend the mandatory Drivers Meeting prior to entering the racing surface. If a driver is late or is unable to attend the drivers meeting the driver must meet with the Speed Ventures Competition Officials before entering the racing surface. Drivers are responsible for acting on all information provided during the Drivers Meeting.

5-2.11

All Competitors must attend the mandatory Competitors Meeting if one is held in addition to the Drivers Meeting. A Competitors Meeting will be indicated on the day's Event Schedule or may be announced later if necessary. It is a drivers responsibility to attend the Competitors Meeting whether scheduled in advance or announced during the event. If a driver is late or is unable to attend the Competitors Meeting, the driver must receive a dispensation from Speed Ventures

Competition Officials or their entry into Competition may be invalidated. Drivers are responsible for acting in adherence with all information provided during the Competitors Meeting.

5-2.12

If a Pre-Grid is being implemented, all competitors are required to take their position on Pre-Grid at the designated time, typically 15 minutes before the start of a given session. Drivers arriving fewer than 10 minutes before the designated session start time should not enter Pre-Grid as they will not be allowed out at the start of the session. Late arriving drivers may be held until the majority of the initially released group of drivers complete at least 1 timed lap and possibly more. Under every competitive format, it is the Competitor's responsibility to arrive either on Grid or at Pre-Grid, ready to drive, at the designated time.

5-2.13

Contingent on the Competition format of a given Event, certain actions on track can result in either Disqualification (DQ) or a failure to finish (DNF). Expectations for driver conduct will be explicitly detailed during the Competitor's Meeting and must be adhered to in order for a Competitor's results to be considered in the Event outcome. Speed Ventures Competition Officials will outline these expectations of conduct in the case of "offs", debris on track, lap impedance, impound and more.

## 5-3 TIMING & SCORING

5-3.1

An officially designated Miata Challenge Scorer will be responsible for Timing and Scoring of the Event. Results as determined by the Miata Challenge Scorer will be considered final unless contravened by any other enforcement of Regulations by Speed Ventures Competition Officials.

5-3.2

An AMB transponder-based timing and scoring system will be the official and exclusive time and scoring system. Results generated by the system and certified by the Official Scorer for the Event are the only official results.

5-3.3

All vehicles are required to carry a properly affixed or installed AMB Transponder compatible with the system deployed by Miata Challenge for capturing lap times. It is the responsibility of the Competitors to ensure that the transponder used (whether rented from Speed Ventures, Inc., owned by the Competitor or procured another way) is operating properly during all sessions and that timing results appear for completed laps. Any missing or unreported laps must promptly be brought to the attention of the Miata Challenge Official Scorer who will act to diagnose and rectify the problem with the Competitor's assistance.

5-3.4

It is a competitor's responsibility to make sure that their assigned transponder is only on the car during sessions in which they are competing. Use of hard-wired AMB Transponders will not be allowed in circumstances where two competitors are sharing a single car. Similarly, in the case of

a shared car, competitors will face immediate disqualification if more than one transponder is on the car during any qualifying sessions.

## 5-4 CLASSING VIOLATIONS, PROTEST & APPEALS

### 5-4.1

If a registered Competitor believes that another Competitor has or will obtain a significant unfair competitive advantage by some action that the Member believes is in violation of the Miata Challenge Regulations, the entrant may protest such action to Speed Ventures Competition Officials. Perceived violations brought to the attention of Speed Ventures Competition Officials will be pursued at the discretion of Speed Ventures Competition Officials according to the regulations listed herein and any Supplemental Regulations.

### 5-4.2

Protests will only be heard until the end of Competition, determined to be 30 minutes before the start of the Awards Ceremony as indicated on the day's schedule of a given Event.

A. Any protest that a Competitor's car, car parts or equipment do not meet the specifications for the Event must be received prior to the scheduled close of Pre-Event technical inspection for the relevant Event.

B. Any protest against a Competitor's sporting rule violation during qualifying or a race must be received within 30 minutes after the official completion of the qualifying attempt or competition.

### 5-4.3

As of publication of this draft, no fee will be charged for protests lodged. (Speed Ventures, Inc., will revisit this rule at any point in the series if the frequency or nature of protests lodged requires it). Note that any costs associated with the verification of any violation will be borne according to the rule that follows this one.

### 5-4.4

Investigation of matters of protest by Speed Ventures Competition Officials may, in some cases, incur additional costs (engine teardowns, vehicle weighing etc.). In the presence of these costs, both the Protesting Party and the Competitor being protested must each provide for the total costs required to investigate (this includes the \$10 fee charged by Speed Ventures to weigh a vehicle). At the conclusion of the investigation when a determination is made by Speed Ventures Competition Officials as to any violation of rules, if a violation is discovered, the Protesting Party will be returned the amount they paid for the investigation. If no violation is discovered, the Competitor being protested will be returned the amount paid for the investigation.

### 5-4.5

Speed Ventures Competition Officials present at the event will first decide whether the matter is subject to protest. If the matter is deemed subject to protest, Speed Ventures Competition Officials will consider any pertinent conditions and evidence and render a determination as promptly as possible and inform all parties to the protest of any decision. The determination of the Speed Ventures Competition Officials is subject to appeal but only if the appeal is made before the end of Competition. In determining whether or not the protest merits disqualification, the Speed Ventures Competition Officials may take whatever action he or she deems appropriate to further the interests of fairness and reach a conclusive outcome. Such action may include, but is not limited to, revising the official race results, imposing penalties (disqualification, suspension and/or loss of finishing position), awarding or subtracting points or taking no action whatsoever.

### 5-4.6

If a Competitor has been deemed to have underrepresented his or her Classing System Points Total before the completion of all official competitive sessions of a given event, that Competitor may choose the following remedies:

5-4.7

Prizes and awards may be distributed after the result of any protest is determined, or in rare circumstances, at such later time as all protests affecting the results of the Event are resolved.

5-4.8

Any Competitor who makes a protest that, in the judgment of the Speed Ventures Competition Officials, is malicious or frivolous or otherwise presented in bad faith, may face penalty or sanction.

5-4.9

Decisions by Speed Ventures Competition Officials at the track involving race procedures are final and subject to appeal or protest.

5-4.10

Determinations made by Speed Ventures Competition Officials present at the event will determine the final outcome of the competition. Further appeals may be made to Speed Ventures, Inc., but results certified and announced at the Awards Ceremony will be deemed final except in rare and extraordinary circumstances where additional determinations are warranted.

## 5-5 SERIES CHAMPIONSHIPS

5-5.1

Miata Challenge will award points based on the outcome of each individual event in a series. The drivers with the largest accumulation of points at the end of the series will receive prizes for First, Second and Third place.

5-5.2

The two worst finishes or no-shows will be dropped to tally year-end points.

5-5.3

A "Series" is constituted by a group of events, typically running over the course of a year, as posted on the Speed Ventures website.

5-5.4

A driver may earn points in only one car per class per event based on the Classing Declaration in the Official Miata Challenge Entry Form. Points from a given Event Result will only be included in the accounting of a single class in an individual series.

5-5.5

A Competitor's best 8 finishes out of all events schedule in the series will count toward the finally tally of Championship Points in each class.

5-5.6

There will be no final Championship Points awarded for any Classification of any Series in which fewer than 3 Competitors have competed in at least 5 events each over the course of the Series.

5-5.7

For each event, the following points will be accumulated:

- 1st place 10 points
- 2nd place 8 points
- 3rd place 6 points
- 4th place 5 points
- 5th place 4 points
- 6th place 3 points
- 7th place 2 points
- 8th place 1 points
- DNF 1 point (if 1 - 7 competitors, otherwise 0)
- DQ 0 points

5-5.8

In the event of a season final tie for points, the competitor with the most wins will be declared the higher points scorer. If the tied competitors are also tied for wins, the competitor with the highest average points per event will be declared the higher points scorer. If this, too, results in a tie, the faster of the two on the final event of competition wins. If only one of these two competitors runs the final event and comes up in every other way tied, that competitor will be declared the higher points scorer.

5-5.9

To be declared a class champion, the competitor must have won at least one road course event when there was a minimum of one other entrant in that class. In the event that the high points scorer did not win an event this way, the next highest point scorer will be declared a champion.