

# 2010 Midget Rules & Regulations

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## Rule Changes in 2010 BCRA Midget Rules & Regulations:

- Page 10, Section T – Trophy Dash points eliminated
- Page 11, Section T – Each car will have a unique car number and championship points will accrue for each uniquely numbered car.
- Page 14, Section Z – Practicing at a track where BCRA has a scheduled race will be prohibited on dirt from the date of the car's first dirt race and on pavement from the date of the car's first pavement race through the last race of the season.
- Penalties: 1<sup>st</sup> offense – The car will be placed at the rear of all events run at the next race on the surface (dirt/pavement) upon which the offense occurred.
- 2<sup>nd</sup> offense – (TBD by BCRA Official)
- Page 15, Section D-27 – Exception: Midgets that utilize an OEM block, or are 174 CID VW or 132 CID Cosworth may use a 12" wide right rear wheel. All three remaining wheels can only be a maximum of 8" wide and 13" in diameter.
- Exception: A Midget that runs as a combo-car may use a 12" wide right rear wheel.
1. A combo-car will be:
- 36" or less as measured from the front of the motor plate to the center of the rear axle along the right side of the chassis
  - a left hand / left side steer car
  - allowed any offset
- Page 15, Section D-27a – On pavement, non combo-cars:
1. will be allowed a 55% (+1% variance – not to exceed 56%) maximum left side weight bias.
  2. will not be allowed to have a weight-jacker.
  3. will be allowed one cockpit adjustment (shock or brake bias.)
- Page 15, Section D-28a – On pavement, the current American Racer 235/120/13S 12.0" M32 tire will be the required spec tire on the right rear of all cars. The other three tires will remain the same as defined in this rulebook.
- Page 16, Section D-30 – Removed Hoosier right rear pavement tires from spec table
- Page 17, Section D-31 – A maximum of one new or used right rear tire will be allowed per car per BCRA sanctioned pavement event. At the first BCRA sanctioned pavement event where a car participates, two new or used right rear tires will be allowed and will be branded. A car has participated in an event if the car has qualified. Right rear tires will be marked by BCRA officials. If the event is rained out before completion of qualifying, the registered tire for that event will carry over to the next BCRA sanctioned pavement event where that car participates. Only registered right rear tires will be allowed in qualifying and competitive races. If a right rear pavement tire is defective or damaged, it will be evaluated by the BCRA Referee and, with his approval, replaced with a new or used tire.



## **BCRA MISSION STATEMENT**

The mission of the Bay Cities Racing Association is to serve its members and provide leadership and coordination to ensure:

- That the members have an adequate and regularly scheduled racing program where they can exhibit their skills and abilities in an enjoyable, reasonably safe and rewarding environment
- That the racing promoters are provided a smoothly run racing event with a sufficient number of racecars resulting in a profitable return
- That the racetrack owners are provided a racing event that generates fan enthusiasm resulting in a profitable return
- That the racing fans are rewarded with a competitive and enjoyable race, and race car viewing experience

## **BAY CITIES RACING ASSOCIATION (BCRA) -- 2010 MIDGET RULES AND REGULATIONS**

The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events, and to establish minimum acceptable requirements for such events.

These rules shall govern the condition of all BCRA events. All BCRA members are deemed to have complied with these rules. No express or implied warranty of safety shall result from publications of or compliance with these rules and/or regulations. They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to participants, spectators or others.

The Referee shall be empowered to permit minor deviation from any of the specifications herein or impose any further restrictions that in his/her opinion do not alter the minimum acceptable requirements. No expressed or implied warranty of safety shall result from such alteration of specifications. Any interpretation or deviation of these rules is left to the discretion of the officials. Their decision is final.

### **GENERAL RULES**

#### **A. Annual Dues and Memberships – Includes Excess Medical & AD&D Insurance**

Driver	- \$150
Owners	- \$138
Vintage Owner/Driver	- \$100
Owner/Driver	- \$150
Associate	- \$88

(All members are subject to BCRA board approval – Add \$25 if signing up after February 15)

#### **B. Age Requirements**

Persons under the age of 18 must be emancipated in order to compete in BCRA midget events. It is the intent of BCRA that persons under the age of 16 will not be allowed to compete. Under very limited circumstances, persons under the age of 16 may be reviewed and authorized for competition by the board of directors on a case-by-case basis.

All emancipated minors, accompanied by their parent/guardian, must appear before the board of directors and show proof of having a minimum of 3 years competitive driving experience and of having competed in no less than 30 sanctioned races. The BCRA board of directors reserves the right to refuse any person the right to compete in a BCRA sanctioned event for any reason.

C. Participation of officials

No official shall be connected with any car in active competition, except with the approval of the Board of Directors.

D. Member Participation

All BCRA members are encouraged to support BCRA sanctioned events when possible.

E. Visiting drivers and/or owners

Visiting drivers and car owners will be allowed to participate with BCRA provided they pay a \$25.00 non-members fee per race over and above the entry fee. An owner/driver will only be required to pay one \$25.00 non-member fee per race. Visiting drivers and/or car owners must fill out a temporary permit at each race until they become a member. The \$25.00 non-member fee may be credit towards an annual membership.

F. Admission to pit area

Pit passes will be required for admittance to the pit area and must be carried at all times.

G. Entry fees

A \$30.00 entry fee per car will be charged for each race.

H. Photographers

Authorized photographers and persons serving the press will have designated vantage points and are expected to cooperate with the officials and not abuse the privilege. Photographers are prohibited from taking or distributing gruesome pictures under penalty of exclusion.

I. Car numbers

Car numbers must be registered with the BCRA business office prior to January 31. Failure to do so will result in your previous years car number being made available to anyone on a first come, first-serve basis. If you do not use your car number in any year it may be assigned to another car. Cars with unregistered numbers will not receive car owner points. From one year to the subsequent year, car numbers will automatically be renewed upon payment of membership dues, provided that dues are received by January 31.

BCRA uses permanent car numbers. These numbers are 1-99 and 0,00,01-09. The number 1 is reserved for the prior year's car owner champion. There will be no 1X, 1Z, 1T etc... Any BCRA car owner may have an unassigned number as their permanent number. Exception: Car numbers 1-10 are not permanent, and are available to the previous years top ten car owners. The letter used with the number must be legible. All numbers must be on by the first race. No reflective numbers allowed. All cars must have numbers on both sides of the tail, in a contrasting color from the car, 2" wide and 12" high for each number. The number must be on the center of the nose of the car, at least 6" high. Any car number not readable by the scorer must be fixed. Car numbers cannot be changed after the first race, including adding an X or other suffix. In order to earn car owner points, a car owner must be a BCRA member and must have a BCRA assigned number on the car.

J. Injuries

Any driver involved in an accident must, if ordered by the officials, go to the hospital for a checkup. If he/she fails to do this he/she will forfeit hospital benefits, and, if injured, serve a 30-day suspension of competition after the doctors release. Any member injured while on the racing

premises and who does not report to the BCRA official in charge before leaving the premises (providing the person is able to make such a report) will not be eligible for benefits. The BCRA office must authorize all doctor and medical bills. Any member returning to competition after an injury must have a written release from his physician and all benefit payments shall cease as of that date.

K. Appeals

Any BCRA member who feels that a BCRA official unfairly penalized them can appeal their fine or penalty in person at the next BCRA Board Meeting. A written request to appear before the board, a written appeal and a \$25 fee must be submitted to the BCRA Board President at least three (3) days prior to the Board meeting. BCRA Board Meetings are held on the second Tuesday of every month.

L. Disciplinary action policy

Authority of the referee: The Referee will be responsible for making all disciplinary decisions during the racing event. These decisions can result in ejection from that event for a racing team based on the actions of the driver, the car owner, or their pit personnel. Depending on the severity of the situation, the Referee at his/her discretion may elect to pursue additional disciplinary action against the parties by preparing a written request to the BCRA Board of Directors. The request will clearly identify the parties and the nature of the situation that gave rise to the problem.

Authority of the Board: The BCRA board of Directors will review on a case-by-case basis each of the requests made by the Referee for extended disciplinary action. The decision by the Board will be final and communicated to the offenders.

M. Other Vehicles in Pit Area

The BCRA Board of Directors in an effort to promote safety at racing events and support promoters and track owners in their efforts to reduce risk of injury to both participants and spectators has enacted the following policies:

Three-wheel or four-wheel (Quad) vehicles: Vehicle is required to display the car number which it is associated with in 2" high or larger numbers, and there will be only one rider per vehicle allowed unless the vehicle has a manufacturers certificate attached which declares it suitable and safe for two or more passengers and the additional passenger(s) are riding in accordance with the manufacturers specifications. The referee will be responsible for monitoring and policing vehicle use. Violators will be subject to verbal and/or written reprimand, and possible loss of the right to use the vehicle in the pit area.

All owners and/or users of three-wheel or four-wheel (Quad) vehicles used at BCRA events in the pit area shall have on file with the BCRA Business Office, and readily available upon request from any BCRA official, a current copy of proof of registration and insurance for said vehicle. Failure to provide this information can result in the loss of the privilege to use the aforementioned vehicle at that BCRA event. The privilege of use of the three-wheel or four-wheel (Quad) vehicle will be suspended until the owner provides the required information to both the BCRA Business Office and the BCRA Referee.

Two-wheel vehicles: Two-wheel vehicles (motorcycle, bicycle, scooter, or other powered or non-powered two-wheel vehicle) are banned from the pit area. The referee will be responsible for monitoring and policing this ban. Drivers who violate this policy will be subject to a loss of 30 driver points per infraction. Car owners who violate this ban and bring two-wheel vehicles into the general pit area, or allow two-wheel vehicles in their specific pit area will be subject to a loss of 30 car owner points per infraction.

Note: The BCRA Board of Directors recommends that BCRA members and guests refrain from bringing two-wheeled vehicles to BCRA sanctioned or joint-sanctioned events.

## **RULES OF CONDUCT**

### A. Cooperation with Officials

All pit crews and drivers must cooperate with all officials at all times.

### B. Responsibility

Car owners and/or drivers will be responsible for the conduct of the persons associated with the car and/or driver.

### C. Unbecoming conduct

Any driver, car owner or pit person who at any time uses improper language to working officials may be immediately reprimanded, expelled from the track and/or subject to a fine and/or suspension. Unbecoming conduct in front of the audience will be cause for suspension and/or fine. Any driver, car owner or pit person who at any time shoves, jostles, shakes, strikes or attempts to strike any official may be fined up to \$200 and/or suspended for one year. Any member found fighting in the pits or infield might be fined and/or suspended. Anyone under the influence of alcohol or other drugs shall not be allowed to compete in the event or be in or about the pit area. Drinking of alcoholic beverages will not be tolerated in any manner until after the entire racing program is over. Violation of this rule carries a \$100 fine and/or a 30-day suspension.

### D. Drivers Meeting

The Referee will conduct a Drivers Meeting at every BCRA event. All drivers must attend the Drivers Meeting and a roll call will be taken. Failure to attend the Drivers Meeting will result in the driver's car being placed at the rear of the Main Event line-up. The Drivers Meeting may include discussion on anything relating to the event.

## **RACING RULES**

### A. Flags

All drivers must obey flags. Failure to do so will result in being set back one position for each offense.

Green: Start of event. Any car taking the initial green will be considered officially started and will be scored accordingly. All cars in an event must take the initial green flag in order to be scored for that event.

Yellow and Red: Restart. No start, line up again. All cars that stop will be put to the rear of the line. There will be only one restart per race. (See section K)

Yellow: Caution. Cars will not race to the yellow. Positions shall be determined as scored on the lap preceding the caution. Slow down and maintain position. Do not pass the car in front of you. The leader will come to an idling pace. Laps under the yellow do not count in races with 50 laps or less. In races where yellow flag laps don't count, the car causing the yellow may restart at the rear of the field without losing any laps, provided the car takes the next green flag when it comes out. All yellow flag restarts are to be single file, unless it is a complete restart. All work done under yellow flags must be done in a designated work area only.

- Split Yellow: When using a split yellow flag and it is displayed in mid field, the cars scored in front of the first car that receives the yellow remain as scored. The first car in mid-pack that had received the yellow, and all cars behind it will not be scored and their restart position will revert to the previous lap.
- Blue/Yellow When displayed, this flag indicates that the driver receiving the flag is about to be overtaken and should hold his/her line to let faster cars pass.
- Black Flag: Pull off racetrack with caution. Any car not maintaining a competitive speed, driving irregularly, suspected of leaking fluids or suspected of being unsafe may be black-flagged from the track. Ignoring the black flag is punishable by a \$25 fine and/or disqualification from that event.
- Red Flag: Stop immediately with due caution. Do not drive past the scene of the accident. Any car passing the scene of an accident is subject to a \$25 fine and/or suspension. After one lap has been completed, cars are scored and restarted according to the lap prior, with the cars involved in the red starting at the rear of the field. All red flag work is to be done in the designated red flag work areas only.
- White Flag: Start of last lap. Once the white flag is displayed to the leader, if a yellow or red flag is displayed the event is immediately complete and final positions revert to the previous lap.
- Checkered Flag: End of event. You must finish under your own power. The end of any race is not determined by the number of laps, but when the checkered flag comes out.
- If the race ends with a yellow or red flag, the cars that cause the flag will be placed at the end of the last lap scored.

B. Warm-up Laps (wheel packing)

Warm-up laps will be started approximately two hours before the start of the racing program or one hour before qualifying. There will be no hot lapping during the warm up time. Hot laps will be after warm-ups are complete.

C. Qualifying

Numbers shall be drawn to determine the qualifying order. Qualifying will be two laps in a row. Any car not ready to qualify in its position may lose one of its laps. If the car is over the decibel limit, the car will lose its qualifying time(s), and be placed at the rear of the heat race it qualified for. A qualified car cannot re-qualify. In the event a car shows up late or does not make qualifying, the car may start at the rear of a heat, provided there are no more than 10 cars in that heat. If the heats are full, then the car may start at the rear of the first main (D-C-B-A). This also applies to a car that is having mechanical problems.

D. Speeding In Pits

Excess speeding in the pits carries a minimum fine of \$25. This includes racecars, push trucks and alternative support vehicle.

E. Inexperienced Drivers

All inexperienced drivers must start in the rear of all events until approved by the referee.

#### F. Rookie Drivers

A rookie driver is one who has no prior midget experience with any organization. A driver interested in running for Rookie of The Year must declare it at the first race entered. Any driver who has competed in three (3) or fewer midget races with BCRA may be considered for Rookie of the Year. He/she must declare their intent to run for Rookie of the Year at the first midget race entered that year. All rookies will run with a bright ribbon ("Rookie Flag") attached to the upper rear roll cage and will start at the rear of all events until the referee determines they are ready for competition. Cars driven by rookie drivers will have a bright yellow painted or taped rear bumper/nerf bar for the duration of their rookie season.

#### G. Substitute Drivers

A car may substitute drivers, but must start in the rear of the first event that it is qualified for. Car and driver earn points toward the championship.

#### H. Re-entering Race Track

Any car re-entering the racetrack after the initial green flag has been thrown must do so under its own power, and only under a yellow flag. If a car does not take the initial green flag, it will not be allowed to join the event.

#### I. Vacancy in Line-up

In the event of a vacancy in the field occurring after the cars have been pushed off, all cars in that row will move up.

In the event that there is a vacancy in the field occurring before the cars are pushed off for the main event, the vacancy will be filled as follows:

- If there has been a semi-main event, the main event vacancy will be filled by the highest placing car in the semi who did not transfer to the main event
- If there was no semi-main event, then the highest qualifying car not in the main event will fill the main event vacancy.

#### J. The Start

The pole car sets the pace for the starts of all racing events and should lead the field down the back straightaway and through turn three in a smooth and fluid manner, picking up the throttle upon exiting turn four. Any pole car that brakes and/or accelerates abruptly or fails to pick up the throttle in turn four may be sent to the rear of the field. Anyone pulling out of line or jumping the flag may be set back one row, sent to the rear of the field, or set back at the end of the event. Both front row cars must be side by side as they reach the designated starting point (either a line on the track or a cone inside turn 4.) If on the second attempt, either front row starter jumps the start then both will be moved back one row. Any car making changes or adjustments must pull off the racetrack into a safe area away from the racing surface.

#### K. Restart

If one car spins in the first turn of a race on the first lap, or two or more cars spin or are involved in an accident on the first lap, there will be a complete restart. All cars that stop on the initial lap will be put to the rear. This counts as one stop. Otherwise, restarts will be single file and cars must stay single file until they have passed the cone on the front straightaway, or in the absence of the cone the start-finish line. Any car hitting the cone or going inside the cone will be either set back two (2) positions or sent to the rear of the field at the referee's discretion. The penalty can be assessed immediately, assessed during the next caution or assessed at the end of the event.

L. Excessive Spinning or Stopping

Any car that stops for any reason after leaving the grid or staging area under its own power will be placed at the rear of the field, unless asked to stop by an Official. At certain venues a two-stop/spin rule will be in effect, and in the case of a spin and/or stop, only one assisted restart per race, per car will be permitted. Additional restarts will be at the discretion of the referee.

M. Inspection After an Accident

Any car making contact with another car, hitting the fence, wall or any other object and stalling must wait for the referee to make a visual inspection before returning to the race.

N. Rough Driving

Deliberately spinning or hitting another car is not tolerated and carries a \$100 fine and/or suspension. Any driver who intentionally cuts the infield will be penalized by the referee.

O. Excessive Smoke, Oil or Water

Any car emitting an excessive amount of smoke, oil, water or fuel will be black-flagged.

P. Muffler System

Every car participating in a BCRA event is required to have a muffler. Any car that has qualified and changes its muffler after qualifying without an Official's approval is subject to a \$100 fine and the car might also be disqualified for that racing event. If your muffler is broken, you must notify an official prior to making repairs. All cars must have a muffler system capable of quieting the engine to meet local requirements. Any car not capable of this will be black flagged and disqualified from that event, and placed at the rear of the next racing event. Any car that does not cross the finish line with a properly connected and functioning muffler will be disqualified from that event.

BCRA strongly recommends that every car be equipped with a muffler system that allows the adding or removal of plates or other such muffling capabilities that facilitate noise level adjustments. BCRA also discourages the use of "flow-through" mufflers that generally do not meet noise level requirements.

Q. Noise Requirements

As many of you are aware, noise at speedways has become a major issue in California. Many associations (including BCRA) have lost racetracks because of an unwillingness to reduce excessive noise. The STATE MANDATED MAXIMUM level for noise is 95db's @ 100 ft. during the entire event. BCRA has a ZERO TOLERANCE policy on excessive noise. BCRA will make every effort to inform all car owners of their cars measured noise level following hot laps, qualifying, heat races, and/or main event. However, it is the responsibility of each car owner (not BCRA) to inquire with the BCRA official about their cars measured noise level to insure that his/her car is less than or equal to the 95db level, or the maximum db level specified by the promoter.

Note: Please keep in mind that as the evening progresses and air density changes, your car will likely become louder. BCRA's noise rule applies to all cars throughout the entire event, not just qualifying. BCRA's noise policy is as follows:

- 1) All cars will be no louder than 95db's @100 ft., or the maximum db level specified by the promoter, at anytime during the event. A BCRA and/or a track official will conduct noise measurements.

- 2) First offense: At any time if a car exceeds 95db's, or the maximum db level specified by the promoter, the car owner must demonstrate to the BCRA head official that they have taken appropriate action to quiet the car before being allowed to race again during that race event. If appropriate corrective action is not demonstrated, the car will not be allowed back on the track.
- 3) Second offense: If the car is found again to violate the noise rule, the car owner must demonstrate additional corrective action to the BCRA head official before being allowed to race again that evening. In addition, the car will have to start at the rear of the next racing event (i.e., If a car is too loud in qualifying and again too loud in the heat race, then that car will start at the rear of the main event.) If appropriate corrective action is not demonstrated, the car will not be allowed back on the track.
- 4) Any further violations will result in disqualification for the remainder of the event (i.e., black-flagged).
- 5) Any muffler changes must be approved by the BCRA head official prior to resuming on the track. Failure to do so will result in a \$100 fine and disqualification for the remainder of the event.

R. Protests

Any BCRA driver or car owner may protest any finishing position by filing a protest in writing and depositing \$75 with the referee. If the protest is upheld, the deposit will be returned to the protester. In the case of a protest, the positions involved will not be paid until the protest has been settled. Protests must be made within 30 minutes of the score sheet being received by the referee. Any BCRA owner or driver may protest a contestant's car by depositing \$200 and a signed request with the referee within 30 minutes of the completion of the racing program. If the car is illegal, the money will be returned to the protester and the guilty car owner will forfeit all money and points for that race. The car owner may also be fined \$100 and/or suspended. If the car is found legal, the \$200 will be paid to the owner protested.

S. Racing Season

Points accrued up to November 30 will apply to the current racing season. Points accrued after November 30 will apply to the following racing season.

T. Point system

Pos	Qual		Heat	Semi	Main		Pos	Semi	Main		Pos	Main
<b>1</b>	10		10	20	60		<b>11</b>	10	40		<b>21</b>	20
<b>2</b>	9		9	19	58		<b>12</b>	9	38		<b>22</b>	18
<b>3</b>	8		8	18	56		<b>13</b>	8	36		<b>23</b>	16
<b>4</b>	7		7	17	54		<b>14</b>	7	34		<b>24</b>	14
<b>5</b>	6		6	16	52		<b>15</b>	6	32		<b>25</b>	12
<b>6</b>	5		5	15	50		<b>16</b>	5	30		<b>26</b>	10
<b>7</b>	4		4	14	48		<b>17</b>	4	28		<b>27</b>	8
<b>8</b>	3		3	13	46		<b>18</b>	3	26		<b>28</b>	6
<b>9</b>	2		2	12	44		<b>19</b>	2	24		<b>29</b>	4
<b>10</b>	1		1	11	42		<b>20</b>	1	22		<b>30</b>	2

- 1.) If a car runs both the semi and main events, the car can only receive A-main points.

- 2.) Passing points are awarded from original posted Main Event starting position as follows. 1 point awarded for each car passed. Formula = Start position minus finish position = number of cars. Example = start 17, finish 3rd = 14 cars x 1 point = 14 points.
  - a. If a car does not qualify, it will not receive Main Event passing points.
  - b. If a car elects to start at the rear of the Main Event lineup, or is placed at the rear of the Main Event lineup in accordance with rules, it will receive passing points based on its original Main Event starting position.
- 3.) Car owner or driver must be a BCRA member prior to competition and the car must prominently display a BCRA decal in order to respectively earn BCRA car owner or driver championship points. **Each car will have a unique car number and championship points will accrue for each uniquely numbered car.**
- 4.) A car must take the original green flag to be scored.  
Note: In the event a qualified car is pushed off for the main event but does not take the green flag it will be paid for last place money, but will not be awarded points.
- 5.) If during the season a car is destroyed, retired or sold, the points earned by the old car will be carried forward to the new car, if the new car runs the same number as the old car did at its first race of the year. Otherwise, the new car will not be allowed to earn points under the old car's number. All of the above must be done with the approval of the BCRA Board of Directors.
- 6.) The car owner and the driver will be awarded 25 appearance points when their car starts and runs at least one complete hot-lap under green flag, or completes at least one lap under green flag in any one of the race events (trophy dash, heat race, semi-main or main.)
- 7.) The car owner will receive 5 bonus car owner points when a car is pre-registered by the pre-registration deadline.

#### U. Line-ups

Heat Race: Line-up will be determined by qualifying times, point average or pill draw. (See Race Format Addendum at end of rules.) Slowest qualifiers will be placed in the first Heat Race and subsequent faster qualifiers will be placed in successive Heat Races with the fastest qualifiers in the last Heat Race.

Note: In the event that a pill draw or driver points average is used in place of qualifying, the Heat Race and Semi-Main starting positions will be determined from highest pill to lowest or lowest average to highest. Separate driver point averages for pavement and dirt will be maintained and used accordingly.

Semi-Main Event: Line-up will be straight up, fastest qualifiers in the front row with decreasing qualification positions in subsequent rows.

Main Event: Line-up will be determined by either qualifying times or heat race finishing positions. At a dirt race event, the car must take the green flag in a heat race to get its starting position in main event. If heat race finishing positions are used to determine Main Event participants, then once cars are seeded in the Main Event they will get their qualifying times back for Main Event starting position.

Line-up inversion will be determined by a pill draw in accordance with the Event Formats on page 20. Pills will be placed in a hat, bag or other suitable blind enclosure. Once Heat Races are complete, the fast qualifier will draw the inversion pill. The four (4) slowest, (two (2) slowest if

16 cars or less) Main Event qualifiers will always be placed at the rear of the Main Event line-up, and followed by Semi-Main Event transfers when appropriate.

V. Post-race technical inspection

The top 3 cars must go to the designated tech area immediately after the main event, or be disqualified. BCRA officials reserve the right to randomly select one or more additional Main Event finishers to be inspected.

W. Tire Change

If you change a tire during an event, you must go to the rear of the field.

X. Champion's Provisional

A champion's provisional will only be awarded at co-sanctioned events or the last race of the season. There will only be one Champion's Provisional per race, and a Driver or Car Owner may only receive one Champion's Provisional per year.

If during the first half of the season, the previous year's 1<sup>st</sup> through 5<sup>th</sup> place Driver Champion or the 1<sup>st</sup> through 5<sup>th</sup> place Car Owner champion fails to qualify for a main event in a co-sanctioned race, then the highest previous year's Champion (beginning with 1<sup>st</sup> place Driver, then 1<sup>st</sup> place Owner and alternating in order to the 5<sup>th</sup> place) not qualifying, and who has not previously been awarded a Champion's Provisional, will be the Champion's Provisional for that specific main event.

During the second half of the season, the available Drivers or Car Owners will be those who, as of the current race, are currently 1<sup>st</sup> through 5<sup>th</sup> in Driver points or 1<sup>st</sup> through 5<sup>th</sup> in Car Owner points. The method to determine who is awarded the provisional at the second half of the season main events will be as described above.

Provisional entry will not receive main event money, but will receive main event finishing position points.

Y. Traction control

Ignition electronics that provide traction control are prohibited. All ignition components may be inspected, sealed or confiscated by BCRA at any time. The maximum penalty for utilizing traction control is a one-year suspension from competition and loss of all points earned for the current season.

Z. Practice

**Practicing at a track where BCRA has a scheduled race will be prohibited on dirt from the date of the car's first dirt race and on pavement from the date of the car's first pavement race through the last race of the season.**

**Penalties: 1<sup>st</sup> offense – The car will be placed at the rear of all events at the next race run on the surface (dirt/pavement) upon which the offense occurred.**

**2<sup>nd</sup> offense – (TBD by the BCRA Official)**

## **SAFETY RULES**

A. Driver equipment

- 1.) Only Snell SA2000 (SA00) or better helmets may be worn.

- 2.) All drivers must wear an approved driving suit, Nomex or better required and it must be clean and in good condition.
- 3.) Nomex underwear (tops and bottoms) is required.
- 4.) Nomex gloves, socks and shoes are mandatory.
- 5.) Nomex head sock or helmet skirt is mandatory.
- 6.) Safety belts cannot be more than 2 years old.
- 7.) Arm restraints are mandatory.
- 8.) SFI approved neck braces are mandatory.
- 9.) Right side head nets are mandatory, left side are recommended or full containment seat as approved by referee.
- 10.) No fueling of cars with driver in the car.
- 11.) The use of a Head and Neck Restraint system is recommended.

#### B. Physical condition

- 1.) All drivers are required to remove all dentures before starting an event.
- 2.) Corrective lenses worn by drivers must be of the safety type glass. Contact lenses are not recommended because of dust and foreign material.

#### C. Track safety equipment

- 1.) Always make a mental note of where the fire crew, ambulance and track exits are located.
- 2.) Never run onto the racetrack during an event, or even after the flag has ended an event.
- 3.) Every entrant must have a 5lb dry powder fire extinguisher in their pit area. Breaking this rule is a \$10 fine for each race.

#### D. Accidents

All entrants are expected to use every precaution to avoid injury to drivers, attendants, employees, etc. Extreme care and caution should be used in the case where a driver or other person is injured in a crash. Please wait for an official or ambulance attendant to arrive before trying to move driver. If part of the car is resting on part of the driver, use extreme caution in relieving pressure on the driver. Consider it your duty to help keep people who don't belong at the scene of an accident away from the accident.

### **CAR SPECIFICATIONS**

In the interest of the total club, major chassis or engine features considered to be new, innovative, unusual, not considered standard or not used by the majority of the current cars, are to be considered not approved or permitted. The board must specifically approve any such new items.

#### A. Checking of engines

All cars must meet official BCRA specifications and are subject to technical inspection prior to and/or following any event. Any car owner or driver in charge, refusing to allow his car to be checked or leaving the track after being told of intent to check, shall be considered guilty of violation of specifications and will be fined \$100 and receive a 30 day suspension with the loss of points and monies from that race event. If the motor is illegal there will be a \$100 fine and loss of all points and monies from that race event.

#### B. Engine specifications

- 1.) Single non-overhead cam pushrod rocker arm type:

- a. 4 or 6 cylinder inline, 2 valves per cylinder, water cooled, iron block and head with intake and exhaust port on same side. - 184 CID  
Cross-flow head, cast iron. - 174 CID
  - b. 4 cylinder inline, 2 valves per cylinder, aluminum block and/or head, with intake and exhaust ports on same side of head - 174 CID
  - c. 4 cylinders horizontally opposed, 2 valves inline with parallel axis. - 174 CID
  - d. Max 6 cylinder V-type (90 degree V). 2 valves per cylinder- 174 CID
  - e. Automotive production based, "Pontiac and Chevy II" 4 cylinder inline 2 valves per cylinder, aluminum block and/or head. - 174 CID
  - f. All other 4 cylinder inline, 2 valves per cylinder, cross flow head, aluminum block and/or head - 166 CID
- 2.) Single overhead cam, maximum 6 cylinder inline or V (maximum 90 degree) water-cooled, 2 valves per cylinder. - 161 CID
- 3.) Double overhead cam.
- a. 4 cylinder inline water-cooled maximum of 4 valves per cylinder. - 132 CID
  - b. 4 or 6 cylinder V-type (maximum 90 degrees), 2 valves per cylinder – 128
  - c. Maximum 6 cylinder V-type (maximum 90 degrees), 4 valves per cylinder - 120 CID
- 4.) Any OEM engine installed in a vehicle on a production line with original type cylinder head/block/crankshaft assembly mated at time of production, with electronic ignition and electronic fuel injection allowed. No after-market crankshafts. Maximum displacement:
- a. DOHC 4 valves/cyl - 153 cid (approx. 2.5 liter)
  - b. SOHC 2 valves/cyl - 183 cid (approx. 3.0 liter)
  - c. OHV 2 valves/cyl - 200 cid (approx. 3.25 liter)
  - d. OHV 3 valves/cyl - 163 cid (approx. 2.67liter)
- 5.) Complete engines and/or major components must be available in a reasonably sufficient supply to all competitors at comparative prices.
- 6.) Except where specifically indicated, engines must be normally aspirated, internal combustion, four-cycle, reciprocating piston type, incorporating a maximum of 6 cylinders. Only one spark plug per cylinder will be allowed.
- 7.) The preceding engine sizes are the maximum permitted. No clean up will be allowed.
- 8.) BCRA reserves the right to disallow any engine for competition, which in its judgment does not meet the spirit and intent of competitive racing in regards to cost and/or performance. Any engines not covered by the preceding specifications must be submitted for approval prior to entering a competition.

#### C. Fuel

Fuel is methanol or Ethanol only, with no combustion additives allowed.

#### D. Chassis, body and running gear specifications

- 1.) Wheelbase 66 inches minimum, 76 inches maximum allowed. Maximum overall width allowed is 65".
- 2.) No four-wheel drive cars allowed.
- 3.) All cars must have a fuel shutoff within reach of the driver while belted in.
- 4.) All cars must be equipped with wheel guards (nerf bars) on both sides and mounted directly to the frame. The right nerf bar cannot extend beyond the outside of the right rear tire when the right rear tire is at maximum offset.
- 5.) All cars must have a firewall between the cockpit and the motor compartment.
- 6.) Front axles must be of tubular chrome alloy.
- 7.) All cars must be equipped with a throttle toe strap.

- 8.) No rear engine cars allowed.
- 9.) No rearview mirrors allowed.
- 10.) All cars must have a muffler system capable of quieting the engine to meet requirements.
- 11.) Exhaust pipe must have a shield along the side of the cockpit of the car if it is not below the center of the rear axle.
- 12.) All highly stressed steering parts shall be made of 4130 steel or better. Aluminum pitman and steering arms are allowed. They must be one piece, un-welded and a web thickness of 1/2 inch minimum. 7075 T-6 or 2024 T-4 aluminum required.
- 13.) No front axles, front or rear bumpers or side wheel guards shall be made of aluminum or titanium.
- 14.) All cars must be equipped with a 5-point belt system securely fastened to the frame. No Y-type shoulder harness allowed. No belts older than 2 years will be allowed.
- 15.) Minimum belly pan (driver floorboard) is from the firewall to the front of the seat. Recommend 0.085" thickness for aluminum
- 16.) Steering components must meet with the approval of the tech. committee.
- 17.) Cars must be equipped with a front and rear Nerf bar. No stubs pointing downward or outward will be allowed.
- 18.) All cars must have at least 3 throttle return springs, one of which is to be attached to the injector arm.
- 19.) Steering wheel must be of the flexible spider type, with a pad in the center.
- 20.) No oil coolers can be mounted outside the body.
- 21.) A positive kill switch mounted on the dashboard is required on all cars.
- 22.) Body side panels must start at the firewall and extend to the front side of the drivers seat minimum.
- 23.) All cars must be equipped with a hood securely fastened.
- 24.) All tail tanks must have a bladder.
- 25.) All water-cooled cars must have a catch can for fluid recovery. (Pavement races only).
- 26.) All moving parts of the driveline must be covered.
- 27.) All midgets racing with BCRA will be allowed to use a maximum 10" **wide** right rear wheel, 13" in diameter.

Exception: Midgets that utilize **an OEM block**, or **are** 174 CID VW or 132 CID Cosworth may use a 12" **wide** right rear wheel. All three remaining wheels can only be a maximum of 8" wide and 13" in diameter.

Exception: **A Midget that runs as a combo-car may use a 12" wide right rear wheel.**

**1. A combo-car will be:**

- **36" or less as measured from the front of the motor plate to the center of the rear axle along the right side of the chassis**
- **a left hand / left side steer car**
- **allowed any offset**

**27a.) On pavement, non combo-cars:**

- 1. will be allowed a 55% (+1% variance – not to exceed 56%) maximum left side weight bias.**
- 2. will not be allowed to have a weight-jacker.**
- 3. will be allowed one cockpit adjustment (shock or brake bias.)**

28.) Tires must be either American Racer or Hoosier as defined below:

28a.) **On pavement, the current American Racer 235/120/13S 12.0" M32 tire will be the required spec tire on the right rear of all cars. The other three tires will remain the same as defined in this rulebook.**

29.) Dirt Tires

American Racer Dirt Tires

Position	Tire Size	Tire Width	Approx. Circ	Rim Width	Compound
Front	225/070/13GT	7.0"	67.0"	7.0-8.0"	SD23 or harder
Left Rear	225/095/13GT-68	9.5"	68.0"	8.0"	SD23 or harder
Left Rear	225/095/13GT-71	9.5"	71.0"	8.0"	SD23 or harder
Left Rear	235/100/13GT	10.0"	74.0"	8.0"	SD23 or harder
Left Rear	240/100/13GT	10.0"	74.5"	8.0"	SD23 or harder
Left Rear	245/100/13GT	10.0"	75.5"	8.0"	SD23 or harder
Left Rear	250/100/13GT	10.0"	77.0"	8.0"	SD23 or harder
Right Rear	255/100/13GTW	12.0"	80.0"	10.0"	SD33 or harder
Right Rear	260/120/13GT	12.0"	82.0"	10.0"	SD33 or harder

Hoosier Dirt Tires

Position	Tire Size	Tire Width	Approx. Circ	Rim Width	Compound
Left Front	68/6.0-13	6"	67"	7-8"	open
Right Front	67/7.0-13	7"	68"	7-8"	open
Left Rear	74-80/10.0-13	10"	74-80"	8"	D-12 or harder
Right Rear	82/12.0-13	12"	82"	10"	SP-2 or harder

30.) Pavement Tires

American Racer Pavement Tires

Position	Tire Size	Tire Width	Approx. Circ	Rim Width	Compound
Front	200/080/13S	8.0"	64.0"	7.0-8.0"	M-28
Left Rear	215/100/13S	10.0"	68.5"	8.0"	M-28
Left Rear	980/220/13S	9.5"	70.0"	8.0"	M-28
Left Rear	225/100/13S	10.0"	71.0"	8.0"	M-28
Right Rear	235/120/13S	12.0"	74.0"	10.0"/12.0"	M-32

Hoosier Pavement Tires

Position	Tire Size	Tire Width	Approx. Circ	Rim Width	Compound
Front	7.0/20.5-13	7"	65"	7-8"	MG5,6,7
Left Rear	10.0/22.5-13	10"	69"	8"	MG5
Left Rear	10.0/23.0-13	10"	70"	8"	MG5
Left Rear	10.0/23.5-13	10"	72"	8"	MG5

Note: Any solvents or chemicals applied to the tires that have the effect of altering tire durometer will not be allowed. BCRA reserves the right to check by durometer any tire at any time on any car. Any tire showing a significantly different durometer reading from other like tires at a specific event may be disallowed by decision of the Referee.

- 31.) A maximum of one new or used right rear tire will be allowed per car per BCRA sanctioned pavement event. At the first BCRA sanctioned pavement event where a car participates, two new or used right rear tires will be allowed and will be branded. A car has participated in an event if the car has qualified. Right rear tires will be marked by BCRA officials. If the event is rained out before completion of qualifying, the registered tire for that event will carry over to the next BCRA sanctioned pavement event where that car participates. Only registered right rear tires will be allowed in qualifying and competitive races. If a right rear pavement tire is defective or damaged, it will be evaluated by the BCRA Referee and, with his approval, replaced with a new or used tire.**
- 32.) All cars must have a suitable breaking device. Copper tubing is not allowed.
- 33.) Only a conventional torque tube type driveline will be allowed, with a single universal joint in front. No CV joints will be allowed.
- 34.) All cars must be of the open wheel, open cockpit type. The engine must be covered with a cowling secured in place, but need not enclose the sides of the engine compartment. The cars body, driver's seat, and fuel tank assembly must be mounted on the chassis centerline. A maximum variance of one inch overall (1/2" offset) will be permitted. All cars must have driver's compartment floorboard.
- 35.) All fuel must be contained in a single, conventional midget tail tank assembly located behind the driver and within the chassis frame rails.
- 36.) Cars utilizing inline engines are limited to a maximum 45 degrees layover (angle from vertical) as measured through crankshaft and or cylinder bore centerlines.
- 37.) Independent suspension is not permitted. The cars axle connecting the wheels must be of one-piece tubular construction, without the capability of camber adjustment to the wheel assembly. Any other construction will be considered independent suspension.
- 38.) Front axles must be constructed of SAE 4130 or a steel alloy equivalent in structural strength. Titanium and aluminum are not permitted. Front axles must incorporate the spool wrap-around design with spool to tubing gusset plates optional. Recommended .095 wall thickness.
- 39.) The nut securing the wheel to the rear axle assembly must have a minimum inner thread diameter of 1.5 inches. Aluminum rear hubs are allowed on splined axles. Titanium rear hubs are not permitted.
- 40.) Aluminum front hubs originating from a forging are permitted. Aluminum hubs must have a wall thickness of (.250) at the inner bearing bore. Hubs which are threaded in this area must maintain this thickness as measured from the bottom thread. Squared thread root design is recommended in this area.
- 41.) All cars must have a tubular front bumper with a minimum diameter of .750", which may not extend more than 8" forward of the front torsion tube. The nose assembly may not extend forward beyond the inner confines of the front bumper. In the event a car does not utilize torsion bar suspension, the measurement will be taken from the axle, as compared to a torsion bar chassis. Recommended .065" wall thickness.
- 42.) All engine coolant must be biodegradable. Water wetter is allowed.
- 43.) Radio contact to or from the driver is not allowed, except for BCRA approved one-way communications from Official to Driver.
- 44.) The use of onboard data acquisition systems (computers) is illegal. Exception: fuel pressure, oil pressure/temp., engine coolant temperature, and tachometer gauges are allowed.

- 45.) Effective 08/01/07, minimum weight of midgets racing with BCRA will be 1030 lbs. for Volkswagen powered cars and 1080 lbs. for all other powered cars, and will include the weight of the driver and all of his/her required safety equipment. (Post race) The addition of fuel, water or other ballast to meet this weight will not be permitted.
- 46.) Adding weight – Paint weight(s) white and put car # on each weight

E. Cage Specifications

- 1.) Full cages are mandatory.
- 2.) No bolt on cage.
- 3.) Material 1.25" O.D., recommended .095" wall thickness; absolute minimum .083" wall thickness.
- 4.) Material to be 4130 tubing or equivalent.
- 5.) No butt weld or sharp bends allowed.
- 6.) All corners must be gusseted.
- 7.) There should be a minimum of 2 inches from the bottom of the top rails of the cage to the top of the helmet with the driver seated and safety belted in the car. Any car that does not have a sufficient clearance may not be allowed to run. The Referee's decision will be final.
- 8.) The topside bars on the cage must be padded and there must be a pad behind the drivers head, attached to the cage.

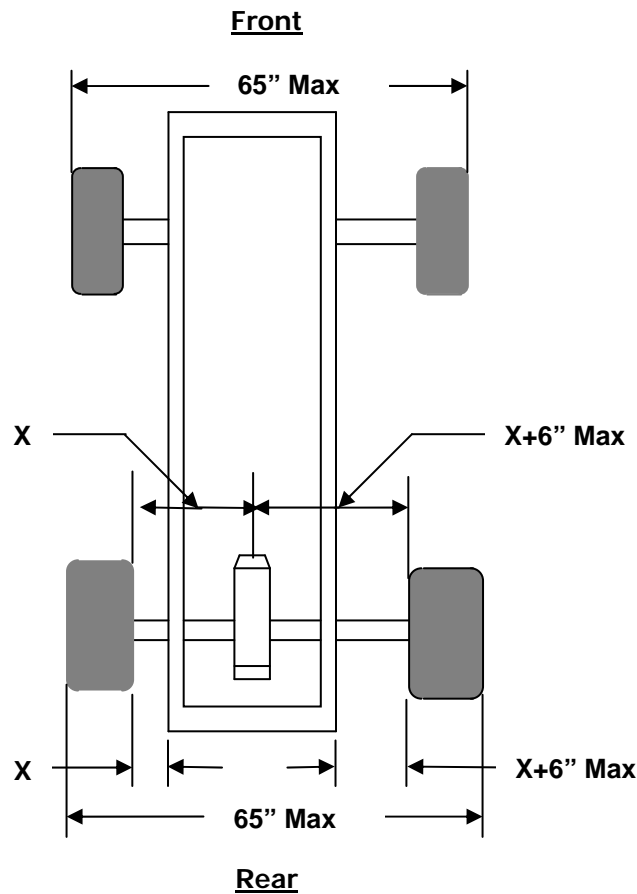
F. Offset rule

Two methods of measuring will be used at the rear of the car.

- 1.) Measure from the center of the rear end to the inside of the rear wheel (bead edge).
- 2.) Measure from the frame rail to the inside of the rear wheel (bead edge).

The maximum offset will be 6". You may use either method. The maximum width measured from the outside to the other sidewall will be 65".

Front wheel offset is limited to a maximum of 5 1/2" (11 inches overall) as measured from the inside bead seats to the centerline of the chassis. The right front tire cannot be farther out than the right rear tire when the right rear wheel is set at maximum offset.



# BAY CITIES RACING ASSOCIATION EVENT FORMATS



**PILL DRAW** Will be used when there is no qualifying – Lowest pill drawn same as fast time and will pull the inversion pill after heat races are complete

20 or less	cars	2 Heats
21 to 27	cars	3 Heats
28 or more	cars	4 Heats

**Heats** Full inversion from pill draw – Highest numbers in the 1<sup>st</sup> Heat

**Dash** 2 Heats 1<sup>st</sup> and 2<sup>nd</sup> inverted by Heat finish  
3 Heats 1<sup>st</sup> and 2<sup>nd</sup> inverted by Heat finish  
4 Heats Heat winners inverted by Heat finish. First Heat winner starts last

**Semi Main** Start straight up by Heat finish – Top 4 transfer to rear of Main Event

**Main** 2 Heats Top 6 from each Heat – Referee pulls inversion pill – 4,6, (2-each 8,10,12)  
3 Heats Top 5 from each Heat – Referee pulls inversion pill – 4,6, (2-each 8,10,12), 14  
4 Heats Top 4 from each Heat – Referee pulls inversion pill – 4,6, (2-each 8,10,12), 14, 16

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**POINT AVERAGE (DRIVER)** Eliminated by BCRA Board of Directors vote on 03/09/10

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## **QUALIFYING**

**Dash** 4 Fastest qualifiers inverted

**Heats** Full inversion – Slowest qualifying cars in the 1<sup>st</sup> Heat, to fastest qualifying cars in last Heat

**C-Main** Run if over 36 cars – Full inverted line-up – Top 4 to rear of Semi

**Semi Main** Straight-up line-up – Top 4 to rear of Main – Semi run if 25+ cars qualify & enough still running

**Main Event** If 16 or less cars – Slowest 2 cars to rear of main – inversion pills 4, 6 (2-each 8,10,12)  
If 17 – 20 cars – Slowest 4 cars to rear of main – inversion pills 4, 6 (2-each 8,10,12), 14  
If 21+ cars – Slowest 4 cars to rear of main – inversion pills 4, 6 (2-each 8,10,12), 14, 16  
Note: Highest pill number should be less than or equal to the total number of cars (–) slowest qualifiers  
Fastest qualifier pulls inversion pill after Heat Races are complete.