

MADISON INTERNATIONAL SPEEDWAY

2022 Rules

Bandits

11/18/2021



ALL NEW RULES FOR 2022 SEASON

General

The Guidelines 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 guidelines shall govern the condition of events and participation therein. They are intended as a guide for the conduct of events and are in no way a guarantee against injury or death to a participant, spectator, or official. The Director of competition, or his authorized designate, shall be empowered to permit minor deviation from any of the guidelines and or regulations herein, or impose any further restriction, which, in his or her opinion, does not alter the purpose of the organization. Deviation of these guidelines and or regulations will be the responsibility of MIS officials, whose decisions are final. All drivers competing in this division will be required to obtain an annual or temporary NASCAR License.

Periodic Rules Adjustments

MIS may change any rule at any time in an effort to reduce the cost of racing, maintain equal competition, or improve safety.

Rules Infraction Policy

MIS management may suspend and fine any driver, team member, or car owner for violation of track rules, policies, or procedures. Management has right to confiscate any item that is in violation of the rules.

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A. General

1. This is a “basically stock”, front wheel drive only, 4 cylinder class
2. No modifications or enhancements other than what is specified by these rules will be allowed
3. In general, if something is not allowed in a “higher” division, it won’t be allowed here.
4. The Bandit division will compete BOTH CLOCKWISE and COUNTER CLOCKWISE on the ¼ mile track.

B. Car Eligibility

1. Any American or Foreign made 1980 to 2013, front wheel drive standard production automobile offered with a three or four cylinder EFI engine allowed.
2. Wheelbase maximum is 104 inches.
3. All reduced production/special application/performance cars are subject to additional requirements and/or limitations to ensure competitive equity.
4. No Honda CRX, convertibles, T-tops, two seat, sports cars.
5. Rear steer and special manufactured cars allowed only with prior approval.
6. Driver/owner must complete a specification sheet at initial inspection. Chassis (VIN#, wheelbase, control arm lengths, etc) and engine (engine #, bore-stroke, EFI info, camshaft, etc) specs required.

C. Roll Cage

PLAN A: Roll cage must have four uprights located in the furthest corners of the driver’s compartment and directly behind the driver’s seat. Roll cage must be constructed of 1-3/4” .090 wall mild steel tubing or equivalent. No pipe fittings, galvanized pipe or exhaust tubing allowed. Each roll cage upright must be welded to a 6” by 6” upper sandwich plate made of ¼ inch steel and connected to the bottom sandwich plate by four -1/2 inch diameter grade 5 bolts. Top of the roll cage must be reinforced with two bars each welded to a 6” by 6” ¼ inch plate welded to the rear frame kick-up. Roll cage must include a diagonal bar welded to the roll hoop behind the driver’s head and anchored (welded) to the horizontal back brace bar at least 36 inches from the driver side roll cage upright. Three bars required in both the driver’s and passenger side doors. Left side door bar deflector plates of at least 1/8” steel required. Doors may be gutted and inner panels removed for bar clearance. All bars in proximity of the driver must be padded with non-flammable energy absorbing material. Welds must be gusseted and of good quality. One bar allowed through the driver-side firewall for feet protection.

PLAN B: Roll cage must have two uprights located near or just slightly behind the ‘B’ pillar connected with a roll hoop located as close to the interior of the roof as possible. One diagonal door bar is required in both the driver’s and passenger door. This bar must be welded to the main roll hoop at the height of the top of the door and to a sandwich plate connecting the bar to the car’s sub-frame at or in front of the forward door jam. An additional steel plate is required on the exterior of the driver’s door. This plate must be 16 inches high and long enough to reach from the back of the ‘B’ pillar to past the front

fender and driver's door seam. This door plate must be a minimum of 1/8 inch thick and be securely welded on all four edges or bolted using a minimum of 8-3/8 inch bolts to the 'B' pillar and the front fender and door. Roll cage must be constructed of 1-3/4" .090 wall steel mild tubing or equivalent. No pipe fittings, galvanized pipe or exhaust tubing allowed. Each roll cage upright must be welded to a 6" by 6" upper sandwich plate made of 1/4 inch steel and connected to the bottom sandwich plate by four -1/2 inch diameter grade 5 bolts. Top of the roll cage must be reinforced with two bars each welded to a 6" by 6" 1/4 inch plate welded to the rear frame kick-up. Roll cage must include a diagonal bar welded to the roll hoop behind the driver's head and anchored (welded) to the horizontal back brace bar at least 36 inches from the driver side roll cage upright. Three bars required in both the driver's and passenger side doors. Left side door bar deflector plates of at least 1/8" steel required. Doors may **NOT** be gutted and all interior reinforcement must remain intact.. All bars in proximity of the driver must be padded with non-flammable energy absorbing material. Welds must be gusseted and of good quality. One bar allowed through the driver-side firewall for feet protection.

D. Front Hoops

1. Font hoops not allowed

E. Strut Towers

1. Strut/Shock towers may not be altered

F. Anti-Submarine Bar

1. Rear mounted anti-submarine bar allowed
2. Bar must be mounted four inches inboard of and four inches below rear bumper. Bar must be of max 2" square box or 1-3/4" diameter round steel tubing and be properly reinforced and triangulated.

G. Safety

1. Window Nets Mandatory with seat belt style release at front top cage upright
2. Firesuit, racing gloves, & eye protection mandatory
3. Ignition Kill Switch-Mandatory in center of car, **MUST BE LABELLED**
4. Helmet-Snell SA-2010 (SFI 31.1 2010) or newer. Snell "M" helmets not allowed.
5. Fire Extinguisher Mandatory, securely mounted within driver's reach, fully charged, dial type
6. Tow Hooks: A secure towing device (hook, chain, cable, etc) **MUST** be in place both front and rear, securely fastened, labeled and/or painted bright color, and located so as not to present a hazard in the event of contact
7. 3" minimum width lap and shoulder harness, dated **2017** or newer. Crotch strap required.
8. Belts must be anchored to roll cage or OEM anchors. Belt anchors must swivel. Grade 5 hardware required.
9. Shoulder harness must not be anchored lower than 2" below driver's shoulder height
10. Aluminum racing seat required, securely fastened to cage or frame
11. Head rest support behind seat required
12. Shoulder supports and head supports on right and left sides of seat required.

13. Drivers compartment must be sealed off from engine compartment and fuel container
14. Access to driver from right side by emergency personnel required
15. MIS officials will monitor items related to safety, but ultimately it is the responsibility of the driver to monitor, maintain, and update their safety equipment.

H. Electronic Equipment

1. No two way radios allowed
2. Raceceiver is required to monitor race officials
3. Transponders required, locate 150" behind front edge of car (to center of transponder), with clear view of track. AMB brand, available for rent at pit gate

I. Battery

1. May be relocated to interior and be securely mounted in a sealed battery box on the passenger side floorboard.

J. Exhaust

1. Completely stock exhaust system required except catalytic converter may be removed.
2. Exhaust must exit rear of car behind driver and be pointed back or down with an effective muffler.
3. All cars 95 decibel maximum.
4. No car expelling flame, smoke or backfiring allowed.

K. Suspension

1. Must remain stock for make, model, and year. No modifications allowed.
2. Stock or stock replacement struts or shocks used in stock location required.
3. Driver/owner must prove that struts are OEM or OEM replacement.
4. No cut, altered or racing springs allowed.
5. Front cross member must remain at stock ride height.
6. Front and rear ride height must remain stock.
7. OEM remote adjustable shocks must be disabled.
8. Front spring spacers, spacer blocks or weight jacks are not permitted.
9. Rocker box must be at production height.
10. No shock covers allowed.
11. Maximum camber allowed is 1 inch front and rear measured at the wheel.

L. Engine and Drive Train

1. Engine must be stock for that make and model and have been offered for sale in the U.S.
2. Maximum four cylinders, 2400 cc maximum.
3. No turbochargers, superchargers or rotary engines
4. All engines must use stock motor mounts and be in stock location.
5. Wiring, including data port and computer configuration must remain as produced.
6. Stock or stock replacement air cleaner required.
7. Stock automatic or manual transmissions with all forward and reverse gears operating required.

8. Aftermarket cold air intakes are NOT allowed.
9. A/C, smog pump and heater core may be removed.
10. A stock unmodified computer is required. Management reserves the right to swap computers with a known stock computer at any time.

M. Differential

1. Differential must be stock for that make/model car.
2. No locked differentials.
3. All cars equipped with a limited slip or traction sensing differential are subject to additional weight and percentage requirements.

N. Weight

Cubic Centimeters	Minimum Weight (LBS.)
0 to 1599	2250 lbs.
1600 to 1799	2300 lbs.
1800 to 1999	2350 lbs.
2000 to 2299	2400 lbs.
2300 to 2400	2450 lbs.

Add 25 lbs for engines over 120 HP

Add 50 lbs for engines over 130 HP

Add 75 lbs for engines over 140 HP

Add 100 lbs for engines over 150 HP

Add 125 lbs for engines over 160 HP

Add 150 lbs for engines over 170 HP

Add 175 lbs for engines over 180 HP

Add 200 lbs for engines over 190 HP

Add 225 lbs for engines over 200 HP

All weights subject to adjustment by management

1. Feature winner will start last next time they compete.
2. All weights include driver
3. All weights will be securely bolted (2 bolts of 1/2" diameter per piece minimum, with large washers or sandwich plates) outside of driver's compartment to frame or cage (equally distributed left to right), must be painted white, and have car number on it.

O. Brakes

1. Four wheel brakes required at all times.
2. No aftermarket brake proportioning valves
3. No drilling or drilled rotors
4. Stock unaltered brake systems only.

P. Tires and Wheels

1. 13", 14", 15" or 16" OEM steel or cast aluminum wheels with maximum width of 6 inches measured at bead require on rear. Stock cast aluminum wheels will be allowed as a test. Stock wheels may not be altered in any way.

2. Aftermarket racing wheel with 4" backspacing and (max 7" width) will be allowed on front only with a 25 lbs. weight penalty.

3. No bleeders allowed.

4. Stock passenger car radial tires only.
 - 13" tires, maximum width P195, minimum 60 series allowed
 - 14" tires, maximum width P205, 70, 65 and 60 series allowed
 - 15" tires, maximum width P195, 70, 65 and 60 series allowed
 - 13" tires, maximum width P195, 70, 65 and 60 series allowed
5. Tires must not exceed \$75 MSRP
6. All tire brands and products must be T or H rated and have prior management approval.
7. Minimum durometer reading is 60, minimum UTQG rating 380.
8. Wheels must be same diameter per axle.
9. One inch lug nuts are required.
10. MIS reserves the right to disallow any tire that we feel resembles a performance type tire. If in doubt, call for approval of a tire prior to purchase.
11. Track may claim any tire at any time for \$70-no questions asked
- 12. Lug nut threads must be visible on outside of lug nuts (if not need longer wheel studs)**

Q. Fuel Tank

1. Stock fuel tank located in front of rear wheels can be left there but must be secure (no rusted straps)
2. All other fuel tanks or fuel cells must be:
 - a. mounted in the trunk area evenly between the rear wheels as far forward as possible,
 - b. mounted on top of floor pan, and
 - c. protected from rear collision.
3. Tanks must be fastened with steel straps, bolts, and oversized washers, No plumbers strap allowed.
4. A complete steel firewall must be between the tank and the driver's compartment. If car came as a hatchback style, and fuel cell is in rear trunk area, a firewall will have to be built into car. If questions ask MIS officials.
5. Fuel cells or marine tank must be used, 8 gallon maximum, if car does not have fuel pump mounted in tank.
6. Fuel line must exit top of tank, no fuel lines allowed in driver's compartment.
7. Highway grade pump gas only.

R. Body and Trim

1. Complete stock bodies with glass or lexan windshields required.
2. Body gutting is limited to doors (for door bars only), hood and trunk/deck lid.
3. All doors must be welded shut.
4. Fenders may be trimmed moderately for clearance.
5. Stock bumpers front and rear required, no reinforcement allowed.
6. Bumpers must be safety chained or cabled to frame.
7. All glass and plastic must be removed except for windshield.
8. Hood pins must replace hood and trunk latches.
9. Hood 'X' reinforcement must be removed.
10. Stock or stock appearing nose and rear bumpers are required.
11. NO aftermarket nosepieces or bumper covers allowed.

12. Full rock panels required.
13. Tire cutting edges must be trimmed.
14. Any flammable materials (carpeting, etc) must be removed.
15. Paint and Numbers
 - a. No spray bomb numbers
 - b. Numbers must be neat appearing and at least 18" high on both doors and on roof readable from right side. Numbers must be in contrasting color to that of body color.
 - c. If your number is a duplicate, officials may assign an initial to your number
 - d. No profanity or offensive language/symbols

S. Miscellaneous

1. Safety is the number one concern. **If you have questions about cages, seats, fuel cells, etc. please ask MIS officials – we are here to help.**
2. Anything we see that may pose a threat to injure or cause damage will be required to be corrected
3. This class will not allow manipulating the rules to your advantage
4. No two-way radios. Receivers required for all drivers.
5. Cars will present a favorable image meaning dents should be pulled and paint retouched week to week.
6. We all should strive to present a true image of sportsmanship-behave and drive accordingly
7. This is not an "anything goes" demolition style class.
8. Drivers wishing to return to this division after competing in a "higher" division will not be allowed. You may however contact MIS promoter to plead your case prior to season or race event.
9. Team driving will not be allowed. Championship points will be awarded per your finishing position. If drivers are disqualified, drivers behind them will advance.
10. Transponders required, locate 150" behind front edge of car (to center of transponder), with clear view of track.
11. MIS reserves the right to CLAIM any car at any time for \$1,500 (Plan A) or \$1,250 (Plan B). It does not include the driver's seat or seat belts. If a claim is refused, driver will forfeit all points, and driver and car will not be allowed to compete for the remainder of the season. Management may claim any competitor's computer for \$100.
12. Management reserves the right to adjust any and all rules for safety or to enhance competitiveness.

T. Inspection

1. All cars are subject to inspection ANYTIME before, during, or after a race
2. Officials reserve the right to disqualify cars, require changes, confiscate illegal parts etc. The decision of the officials is final, and will be based upon fair play, safety, and to protect the "Spirit of Stock Car Racing".
3. Any interference with any official(s) and his/her duties will result in an automatic disqualification, and/or possible suspension.
4. Official's decisions will be based upon fair play, safety, and to protect the "Spirit of Stock Car Racing"
5. Disqualification (except weight violation) is retroactive to ALL previous events competed in that race meet

6. Non-compliance with the specifications outlined here will subject the driver/owner to disqualification

7. Any driver/owner refusing to allow the track officials to inspect his car will lose points and money earned and will have the subject car impounded until inspection is performed.

8. Driver must provide tools.

9. **Penalties:** The chart shown below will be applied for violations as listed. Once a penalty has been applied, a subsequent violation will be counted as 2nd offense, etc., regardless of category. Manipulation of this system will not be allowed.

				<u>POINTS</u>	<u>FINE</u>
WEIGHT	1 TO 10	lbs. Lite	1st Offense	Warning	0
			2nd Offense	10 points	0
			3rd Offense	20 points	\$30
	10 TO 30	lbs. Lite	1st Offense	10 points	\$25
			2nd Offense	20 point	\$50
			3rd Offense	40 points	\$100
	OVER 30	lbs. Lite	1st Offense	DQ	DQ