



2022 Rules

REV: Final

Spirit

- All rules of the Midwest Jr. Super Series are designed on a simple premise - Junior Drag Racing is a sport designed for the fun and enjoyment for the whole family.
- The spirit and intent of that principle is the standard by which the series is guided. The rules and regulations set forth are as complete as the Midwest Jr. Super Series can make them at this time. However, it is impossible to craft rules that cover every contingency. When an unforeseen circumstance arises that tests the spirit and intent of the rules, event officials are authorized to decide whether an equipment change or design is an attempt to "beat" the rules.
- Event officials can and will disqualify an entry in violation of this spirit and intent rule. Officials shall have the right to correct conditions not in compliance with the spirit and intent of regulations.

General Rules

- The Midwest Jr. Super Series will generally apply the safety and technical rules provided in the NHRA Summit Racing Jr. Drag Racing League Rulebook unless a Midwest Jr. Super Series rule provides otherwise. No exceptions! Any car that is started in the staging area must have the driver in the seat and the drive belt must be off.
- Any documented violation of age, engine capacity rules or falsification of documents may result in a minimum six race suspension, a cash fine, and/or loss of all series points.

- Deep staging permitted (**but not guaranteed**) in all classes. Competitors that deep stage should be aware that the Tree can be activated at any time after both Pre-Stage bulbs are lit. The Auto-Start system will **NOT** be overridden for any competitor choosing to deep stage. "DEEP" must be written on the car in plain sight for the Starter and competitors to see. (Auto Start will be OFF for the following classes, 5-7 Year Olds, 8-9 Year Olds, 13.90 Index and 11.90 Index).
- Courtesy staging is recommended at all times in all classes.
- Once a car is Pre-staged, Only the Starter may touch the car. There will be **NO** pullbacks in any class during eliminations. During Time runs the Starter has the discretion to pull back a 5-9 Year Old competitor. If a 5-9 Year Old competitor wants a Pull-back during Time runs, the crew member should immediately signal the starter by raising both hands in the air. **There will be no re-runs due to a staging mistake by any competitor.**
- In the event of a mistake made by a Track official, the pair will be re-run.
- **The Starter has complete control of the racetrack. Failure to comply with the starter's direction will result in disqualification.**
- No touching of the car after the pre-stage light is on. Result, First Time warning. **Repeated non-compliance will result in disqualification at the discretion of the Starter/Series Official.**
- No treating/prepping tires past the water box.
- Drivers must hold a NHRA Competition License for Series' events at NHRA Sanctioned Tracks. For Series' events at IHRA or Outlaw Tracks, Driver must hold an NHRA or IHRA competition license.
- **Bye Runs:** A Bye run will carry over to the next round or until they go on the ladder. The first round bye will go to the competitor with the best reaction time from the time run(s), while the second round bye run will go to the winning racer with the best reaction time in round one and so forth. Any ties in reaction time during the time trial / following rounds for the bye will be broken by whichever racer accomplishes the reaction time **first**. If there is an even amount of racers, the selected bye run participant will be given lane choice in that pair. A competitor will be allowed only one chance for a bye run before going on the ladder.
- Competition Single or Bye Runs: car must stage under its own power and take the tree to claim the round win.
- **Ladder at 8 cars.** Ladder will be based on best reaction time from the previous round of eliminations. The eliminator ladder will follow the NHRA Pro Ladder system (i.e., In a 8 car field, 1 would race 8, 2 would race 7, 3 would race 6, and 4 would race 5). A competitor whom previously received a bye run (before going on the Ladder) may receive another bye run once we ladder the field. If there is an odd number of cars in the first round on the ladder, the competitor with the best reaction time from the previous round of competition will be laddered to have the bye run. **Byes will not be carried over on to the ladder.** The ladder will not be changed once it has been set. Lane

choice will be determined by the reaction time from the previous round of competition. The participant with the better reaction time will have lane choice.

- Protests: Any protest or question must be voiced **PRIOR** to the participant staging their car/activating the Tree.
- The use of saran/plastic wrap is prohibited. Only the use of tire covers is allowed for the purpose of keeping the tires prepared for racing.
- Championship Points Tie Breakers
 1. Most Event Wins
 2. Most Event R/U's
 3. Most Semi's, 1/4's, 1/8's and on....
 4. Most Events attended and on....
- Data Loggers permitted. i.e. Mychron, Racepak...
- Head & Neck restraints are required at all NHRA sanctioned tracks. Head & Neck Restraints are optional at IHRA sanctioned or Outlaw tracks.
- Participants utilizing any type of Head & Neck restraint must wear a SFI approved head sock or skirted helmet mandatory. Ref 2022 NHRA Jr rule book.
- True Start will be utilized at all track where available.
- Prohibited. Electric, methanol or gas-powered Jr dragsters utilizing any form of electronic tuning. A computer is defined as any device (electrical, mechanical, pneumatic, hydraulic, etc.) that activates any function of, or in any way affects the operation of, the vehicle based on measurement, sensing, processing, etc. of any data related to the performance of the vehicle. Ref 2022 NHRA Jr rule book.

SAFETY VIOLATIONS

- MJSS officials will hold a **MANDATORY** driver/crew meeting on Saturday morning to explain the days schedule and review the Safety Rules. You or a representative from your team are responsible to attend the meeting. Nonattendance is not a viable justification for not knowing the context of the meeting or not being aware of the rules.
 - During this meeting the proper use of Safety equipment will be explained and the resulting penalties for each infraction.
 - This will be your First WARNING!!!
 - Second infraction will result in disqualification from that days racing.
 - Third infraction will result in disqualification from that event.
 - Fourth infraction will result in disqualification for the remainder of the year.

PROPER USE OF SAFETY EQUIPMENT

- *Seat belts must be worn and adjusted in such a manner that the driver's torso and head cannot extend outside the parameters of the roll cage. The loosening and removal of seat belts, helmets, gloves, window nets, lifting of helmet shield, and removal of all other safety equipment is prohibited from the time the vehicle leaves the starting line until the vehicle is on the return road and car is turned off.*

EXCESSIVE BRAKING

- Excessive braking will not be tolerated. The penalties for excessive braking are:
 - 1st Incident: Disqualification from class event and suspension from following class event.
 - 2nd Incident: Disqualification from remaining weekend's event and suspension from the next MJSS event.
 - 3rd Incident: Exclusion from MJSS for all future MJSS events

Excessive braking will be assumed to have been the cause of any incident involving the loss of control of the competition vehicle at any point on the racing surface which results in overturning of the competition vehicle, contact with another competitor, guardwall or track fixtures, or crossing the center boundary line. However, if it can be shown to the satisfaction of the Midwest Jr. Super Series the incident resulted from a mechanical failure and not from a competitor's driving actions, no penalties shall be imposed.

MIDWEST JR. SUPER SERIES CLASSES

The Midwest Jr. Super Series will contest the following classes, weather permitting, at all Series' events:

Age Group Classes:

Age Group Classes will be contested on a .5 Full Tree.

- 5 Year Olds (single time runs ONLY; 20.00 or slower).
- 6 & 7 Age Group (13.90 or slower).

- 8 & 9 Age Group (11.90 or slower).
- 10-12 Age Group (8.90 or slower).
- 13-18 Age Group (7.90 or slower).
 - IHRA racers with an ELITE license are limited to the 7.90 Minimum Dial at all Midwest Jr. Super Series' events.

Sportsman: (6-18 years old):

All run bracket race contested on a .5 Full Tree.

Pro Index Classes:

- 13.90 Index (6 & 7 Year Olds only).
- 11.90 Index (8 & 9 Year Olds only).
- 8.90 Index (10-12 Year Olds only).
- 7.90 Index and 13-18 up Age Group.
 - The 7.90 Index class will be contested at all tracks participating in the Midwest Jr. Super Series, including IHRA sanctioned tracks. IHRA racers with an ELITE license are limited to the 7.90 Index.

Pro Index Classes will be contested on a .5 Pro Tree.

Pro Sportsman (6-18 years old):

All run bracket race contested on a .5 Pro Tree.

Driver age: A driver's competition age is the age as of January 1 of the start of the season. A driver who ages up during the year may continue to compete in the class they started the year in, or may move to a higher class once their actual attained age qualifies them. A driver who turns 18 years of age during the season may complete the year.

ET Limits: For all Classes above, any driver who runs quicker than .20 of the Class' elapsed time limit will receive one warning. A second offense will result in disqualification from the class, and the loss of all series points earned in the class event. For example, a driver in the 8 & 9 Age group who runs quicker than 8.70 will receive a warning. A subsequent run quicker than 8.70 will result in disqualification.

Quick 16 (rules below)

Outlaw 330 (rules below)

Participant Conduct

- Each and every participant is bound by the Rulebook and is held responsible for knowledge of and compliance with the Rulebook. Ignorance or misunderstanding of a rule does not excuse noncompliance. Participants' knowledge of and compliance with the Rulebook contributes to the safety of the sport and is required. By participating in the sport, every participant and every parent of a participant affirms that he or she has read, understands and agrees to be bound by all NHRA/MJSS rules and regulations, including those contained in the NHRA/MJSS Rulebook, including amendments.
- Participants at events are expected, at all times, to conduct themselves in a professional and nondisruptive manner consistent with good sportsmanship and MJSS's role as a family-oriented sports organization with events suitable for attendance by all and, as to those events that are televised, suitable for unrestricted viewing by the general public. Any participant who, in the sole and absolute judgment of MJSS (1) verbally or physically threatens another person; (2) uses vulgar or derogatory language; (3) engages in unsportsmanlike conduct; (4) engages in conduct detrimental to the sport of racing; (5) otherwise creates a condition or circumstance that is unsafe, unfair, or out of order; or (6) otherwise violates any NHRA/MJSS rule, regulation or agreement, shall have violated this rule regarding participant conduct.
- All participants must respect the track/facility when in attendance, as well as track quiet hours, set at each facility.
- Logo Placement
 - To be eligible for sponsor awards and payouts, competitors **must** display the approved sponsor decals on both outer sides of the race vehicle.
 - All vehicles participating in a Midwest Jr. Super Series event must prominently display the applicable logo(s) as required to be eligible for competition and payout. Logos must be properly displayed to pass technical inspection, and to make any runs. Logos must continue to be properly displayed at all times during any Protect the Harvest Midwest Jr. Super Series event. Vehicle must display the Protect the Harvest Midwest Jr. Super Series logo on both sides of the race vehicle.
 - Decal must be exact size and design of company's approved contingency decal
 - One decal required for each product posting, correctly orientated on outer surfaces, clearly visible on both sides of vehicle from a 90-degree angle, beginning with the **first** round of eliminations.
 - Decals placed on vehicles once eliminations have begun will not be granted verification.
 - Decal stacking is not permitted. A separate decal for each posting is required.
 - Decals placed on the inside of spoiler/wing spill plates are not eligible for contingency awards.

- Exact facsimile of sponsor’s contingency decal (size, color, design) required if painted-on version is used (contact sponsor).
- Additional Event or Class sponsors may request participants to display their applicable logo as required, to be eligible for competition and payout. See Race Director for individual requirements.

How Points are Calculated

Table 1

	10 Round Race	9 Round Race	8 Round Race	7 Round Race	6 Round Race	5 Round Race	4 Round Race
Tech Card/Rd 1 Losers	10	10	10	10	10	10	10
Round 1 Winners	30	30	30	30	30	30	30
Round 2 Winners	50	50	50	50	50	50	50
Round 3 Winners	70	70	70	70	70	70	70
Round 4 Winners	90	90	90	90	90	90	90
Round 5 Winners	110	110	110	110	110	110	
Round 6 Winners	130	130	130	130	130		
Round 7 Winners	150	150	150	150			
Round 8 Winners	170	170	170				
Round 9 Winners	190	190					
Round 10 Winners	210						

- **Participants will have two weeks after the points are posted to contact the series director to correct any discrepancies.**
- **This table does not include Pro Sportsman and Sportsman BB round wins.**
- **Payouts will be at the conclusion of the Event race day, Saturday and Sunday. If you do not pick up your payout at the event it was earned it must be picked up by the conclusion of the following race!!!**

330 Outlaw

- Ignition: Battery required ignition systems prohibited, O.E.M. "Magneto" style ignition accepted.
- Mechanical kill switch mandatory. The attachment of the kill switch wire to the back of the ignition coil must be by a permanent method. Acceptable methods include soldering or bolting.
- The connection of the kill switch wire to the chassis wiring must be by a positive locking device.
- The weight tank may not protrude more than 10" past the circumference of the rear tires and may not be mounted above the rear tires.
- Tire covers must be removed prior to crossing the water-box OR before the engine is started.
- The area and procedure for starting the engine will be defined by the officials on an event to event basis based on the track layout. Only one restart after the car has passed the water box.
- Once one Pre-Stage bulb is lit, neither competitor may restart their racecar. If either competitor's car shuts off, while one Pre-Stage bulb is lit, they forfeit the round.
- Procedure for weighing cars: If a car is determined to be under weight on the first attempt, the car will be removed from the scale and the unit will be re-zeroed/calibrated. The car will then be re-weighed ONE time. The decision of the official will be final.
- Absolutely no touching of the cars by anyone except race officials until the car has passed the scales.
- Winner and Runner-Up will be Teched in a timely fashion following the final round. No winnings will be issued until tech has been completed. Record setting engines must also be inspected for the record to become official. Additional random engine inspections may be performed at any time at the discretion of the race official.
- Engine oil may not contain any power additives or oxygen bearing materials. Samples may be taken at any time to insure compliance.
- All ballast must be secured per NHRA rulebook. LOOSE BALLAST IS NOT ALLOWED.
- Front overhang not to exceed **15** inches, measured from centerline of front axle/spindle to forward most point of car. All cars are subject to inspection at any time during the event. Violators will be disqualified from the event and any points accumulated will be deleted.

Engines

- Engines must be flat head - two valves - normally aspirated.
 - For Engines 3.550" Bore, Max 3.553"
 - Maximum Stroke = 2.888"
 - Minimum Weight (Car & Driver) = 400 lbs.
 - For Engines 3.550" Bore, Max 3.553"
 - Maximum Stroke = 3.00"
 - Minimum Weight (Car & Driver) = 415 lbs.
 - For Engines 3.550" Bore, Max 3.553"
 - Maximum Stroke = 3.10"
 - Minimum Weight (Car & Driver) = 430 lbs.

Crank Case Ventilation/Engine Management Rules:

- Maximum of one Halfscale/Blossom style or two smaller Pure Power style Breather Tanks per entry.
- Breather Tank must be mounted behind Deflector Shield. Tank may be mounted anywhere on back half of the racecar.
- Maximum of 3 vent hoses from Engine to Tank.
- Maximum of 3/4" I.D. hoses from Engine to Tank.
- Maximum combined length of vent hoses of 15 ft.
- Vacuum pumps are prohibited.
- No computer controlled engine/clutch components or engine control systems of any kind (i.e. engine management systems - programmable ignitions - fuel control systems - clutch control systems).
- No external mechanically controlled ignition/clutch components of any kind. (i.e. no switches activated via the clutch, no movable ignition coil mount systems).
- Oxygen Sensors prohibited.

Fuel System Rules:

- Maximum Fuel Tank Capacity = 1 Quart.
- Fuel Lines must be routed as directly as possible to Carburetor. (i.e. No wrapping Fuel Lines multiple times around Intake Manifold, etc.)
- Maximum of 3 ft. of Fuel Line per entry.
- Maximum of 1 Fuel Filter.
- Maximum Fuel Log Size: 4" Length x 1 1/4" O.D.
- Maximum of 1 By-Pass Line from Fuel Log to Fuel Tank.
- Fuel pumps must be pulsed from the manifold.
- No electric or battery operated fuel pumps of any kind allowed.

330 points System

- Championship points will be awarded to the driver of the car.
- How Points are earned
 - Ref table 1
 - Qualifying Position Points
 - 1st = 8 points
 - 2nd = 7 Points
 - 3rd = 6 Points
 - 4th = 5 Points
 - 5th-6th = 4 Points
 - 7th-8th = 3 Points
 - 9th-32nd = 2 Points

330 Participants

- Minimum age is 12 years old. Participants who wish to continue to compete in the 330 Outlaw class after Series age 18 may obtain a Master Jr. Dragster license. Outlaw competitors shall not have reached age 21 years of age.
- Age: a driver's competition age is his/her actual age as of the day in question.
- Proof of age may be required (i.e. certified birth certificates).
- Driver's performance and abilities are subject to review at any time.
- Any driver deemed not properly qualified and/or experienced may be excluded at any time by the race officials.

Fueling Procedure for 330 cars

- All 330 cars will be fueled by a MJSS official in a designated staging lane.
- Fuel tank and fuel bowl must be empty. Fuel Log "OUT" fuel line must be disconnected to confirm the Fuel Log is empty.
- After these requirements are completed the MJSS Official will fuel the car.

Fuel and Staging

- VP Racing Fuel, M1
- Any 330 Outlaw car not in the lanes when the first 330 Outlaw cars are started, will forfeit the pass.
- Power Mist, Propylene Oxide, Sterno, or any other power adder PROHIBITED. Random checks will be performed.

- .400 Pro Tree
- Auto Start: ON
- Two crew members only past or beyond the water box. This is considered a restricted area.
- Crew members must also sign the hosting tracks release form.
- Deep Staging PERMITTED.
- No pullbacks at any time. If a car goes deep during qualifying, the run will start from the deep position.

Qualifying

- Ladder:
 - Eliminations will be run on a Pro Ladder
 - Ladder will be based on the number of qualified cars
 - Bye Runs:
 - If you have a Bye-Run you have automatically won that round.
 - You DO NOT have to make your Bye-Run to advance to the next round. If you choose not to make your Bye-Run you automatically forfeit lane choice for the following round.
 - If you choose to make your Bye-Run, for your E.T. to count for the next round's lane choice you must cross the scales and make weight.
 - Maximum field, 32 cars.
 - Lane choice for first round qualifying will be done by draw. Second round qualifying will be run in the opposite lane from the first. Failure to run in the opposite lane from the first pass will forfeit the second pass.
 - After the cars are paired for qualifying, if you miss your position in the order, the run is forfeited.
- Lane Choice:
 - 1st round Lane choice will go to higher qualified car. 2nd round and on, lane choice will go to the Quicker car from previous round.

Q16

- Minimum age in 2022 is 12 years old. Participants who wish to continue to compete in the Q16 class after their 18th Birthday may obtain a Master Jr. Dragster license.
- Championship points will be awarded to the driver of the car.
- Participants must compete in the car they qualified with.

- Participants must Dial PORM a tenth from their qualifying time.
- 4.10 ET Limit will be enforced. Ref NHRA Rule Book
- How Points are earned
 - Ref Table 1
 - Qualifying Position Points:
 - 1st = 8 points
 - 2nd = 7 Points
 - 3rd = 6 Points
 - 4th = 5 Points
 - 5th-6th = 4 Points
 - 7th-8th = 3 Points
 - 9th-16th = 2 Points

Qualifying

- Ladder:
 - Eliminations will be run on a Pro Ladder
 - Ladder will be based on the number of qualified cars
 - Lane choice for 1st round qualifying will be done by draw.
 - 2nd round qualifying will be run in the opposite lane from the first.
 - Failure to run in the opposite lane from the first pass will forfeit the second pass
 - The higher qualified car will have Lane choice for the 1st round of eliminations.
 - Lane choice for 2nd round and on will go to the car with the better reaction time from the previous round.

Midwest Jr. Super Series holds the right to amend any or all rules to this series at any time.