

MONADNOCK SPEEDWAY MINI STOCK DIVISION RULES - 2025

GENERAL RULES

1. PREFACE

The intent of the Monadnock Speedway General and Divisional rules is to foster a safe, orderly and fun environment for competitive motorsports. The knowledge of, and adherence to, these rules is ultimately the participant's responsibility. No expressed or implied warranty of safety shall result from the publication of, or compliance with, these rules. There is no guarantee against injury or death to participants, spectators, officials, or any other individual involved.

2. HIGHER AUTHORITY

The rules herein are intended to be the only regulations governing Monadnock Speedway race events. However, should a government agency, or any other local, state, or federal body, currently have, or issue in the future any lawfully instituted standards which are contrary to those found herein, then those standards prevail. If the Monadnock Speedway rules are found to be in part illegal in the eyes of such government body, only that area(s) of the Rules found substandard will be void and the rest of the Monadnock Speedway Rules will remain in full force and be applicable.

3. INTERPRETATION & AMENDMENT

- a. Interpretations of the rules contained herein will be the sole responsibility of authorized Officials of Monadnock Speedway. Their interpretations and judgments shall be final.
- b. These rules may only be amended by the Race Director, Technical Director, or an authorized officer of Monadnock Speedway. This amendment will be posted on the Monadnock Speedway website, www.monadnockspeedway.com, may be sent out via email to all registered teams, and posted on social media. An amendment is effective upon the date of publication by Monadnock Speedway regardless of when a participant receives actual notice.

4. PRIVATE PROPERTY

Monadnock Speedway is private property. Any person on this property without the permission of the Owners or Management is guilty of trespass and subject to the penalties prescribed by law. Through your license and registration, you have been given the authority and the right to be on this property, in conjunction with our events. However, the Officials and Management of Monadnock Speedway reserves the right to revoke and cancel this authority at any time that it is felt that your presence or conduct is not in the best interests of the current event or any future events.

5. INJURIES ON MONADNOCK SPEEDWAY PROPERTY

Any participant involved in an accident while on the premises must report all known injuries to a Monadnock Speedway Official before leaving the facility (if the individual is able to make such a report). If the individual is unable to report it, the crew chief or parent/guardian shall make such report. The appropriate injury report form must be filled out and returned to Monadnock Speedway.

6. CONDUCT

- a. All competitors, car owners, crew members, sponsors, track officials, etc. are required to conduct themselves in a respectful and humane manner. This includes, but not limited to any Monadnock Speedway functions (race tracks, car shows, banquets, etc.) or in media, broadcast, or any like forms. This includes, but is not limited to:
 - i. Disparaging comments as it relates to a person's race, nationality, age, sex, religion, etc.
 - ii. Any public statement made in person, third party, on digital or social media platforms that criticizes, ridicules, or otherwise disparages another person as an act of intimidation, threatening, or bullying.
 - iii. All actions and activities deemed to be detrimental, including but not limited to, the use of verbal and or physical abuse, profanity, or threats against track management, staff, officials, and or employees will not be tolerated and violators will be dealt with accordingly.
 - iv. Aggressive behavior, destruction of personal property, and/or physicality towards any person.
- b. The Driver will be held responsible for the actions of their race team, friends, and family members on the Monadnock Speedway property, as well as at the off-site location of all Monadnock Speedway-sanctioned events.

7. VIOLATION & DISCIPLINARY ACTION

- a. Penalties for violations of rules are determined by the gravity of the violation, its effect on fairness of competition, the history of the individual and their team, the orderly conduct of the event, and interests of Monadnock Speedway.
- b. All car owners, drivers, crew members, fans, employees, vendors, sponsors, and affiliates of Monadnock Speedway are subject to disciplinary action for misconduct or violations of any Monadnock Speedway rule.
- c. The entire team of anyone who initiates litigation against Monadnock Speedway or any of its affiliates will be suspended from competition throughout the length of the litigation process.

8. OWNERSHIP OF MEDIA RIGHTS

All persons agree that all commercial rights to any and all photographs, video tapes, GoPro footage, motion pictures, sound recordings, etc. made at any Monadnock Speedway event or function are solely owned by Monadnock Speedway regardless of what party created such properties. Any sale of such images or recordings, on and off Monadnock Speedway property is strictly prohibited except with written permission by Monadnock Speedway. Any such images or recordings created by non-approved agents will be solely for their individual and non-commercial use.

9. SAFETY

- a. Monadnock Speedway Competitors are solely responsible for the effectiveness of their safety equipment used during each event. Monadnock Speedway and its affiliates are not responsible for the effectiveness of any personal protective safety equipment. Each competitor is expected (whether as a car owner, driver, and/or crew member) to investigate and educate himself/herself fully with respect to the availability and effectiveness of personal safety equipment, and the possibilities of the risks of injury to themselves and others. It is the responsibility of drivers and crew members, not track officials or the Promoter, to ensure that he/she maintains, wears, and properly uses personal safety equipment. The inspection of

safety equipment by Monadnock Speedway Officials does not guarantee that any item will perform in the manner that it is designed for.

- b. All Competitors must have a Competition Sticker dated for the current year on the front left corner of the roof before being allowed on track.
- c. Competitors are solely and directly responsible for the safety of their race cars and racing equipment and are obligated to perform their duties (whether as a car owner, driver or crew member) in a manner designed to minimize to the degree possible the risk of injury to themselves and others.
- d. A full fire suit made of double-layered material meeting the standard of either SFI 3.2 A/5 or FIA Standard 8856 rating, clean, and in good condition is mandatory. Fire retardant gloves and shoes are mandatory and must be worn during all on-track activities. SA2015 or newer rated helmets are mandatory for all motor vehicle events. Full-face helmets are mandatory. All safety equipment (gloves, helmets, seats, etc.) must be approved by Monadnock Speedway Officials.
- e. All cars must have a battery cutoff switch on the driver's right side crossbar within reach of the driver and accessible to safety crews from both left and right side.
- a. All cars must have an aluminum or carbon fiber (Monadnock Speedway Officials approved) racing seat. Monadnock Speedway recommends seats be full containment type, designed to include comprehensive head surround, shoulder and torso support, with energy impact foam. No holes permitted. Four (4) bolts on the floor of the seat and two (2) on the back of the seat. All seat frames must be mounted securely to the roll cage. Right side headrest is mandatory. Choice of left side headrest or auxiliary net mandatory.
- f. Seat belts must be a minimum five-point, two (2) inch wide system with a metal-to-metal central quick release latch. All five (5) points must be securely mounted by manufacturer's specifications and must be approved by Monadnock Speedway Officials. Belts must be no older than **five (5) years** from the date of manufacture, unless they have an expiration date. No expired belts permitted. Belts with visible wear and/or tears will not be permitted.
- g. A head and neck restraint system (i.e. HANS, Hutchens, or similar) is strongly recommended. For those wearing them, these devices must be recertified by a manufacturer-approved entity every five (5) years. Proof of re-certification will be required.
- h. Smoking is not allowed in the racecar, inspection area, in any buildings, or near the Sunoco fuel station.
- i. Fire Suppression: A fully charged on-board fire extinguisher or suppression system is highly recommended in all cars, if a fire extinguisher is used it must be mounted within drivers reach with a quick release. (No Taping or plastic brackets) This cylinder must contain a minimum of five (5) pounds of fire extinguishing agent that meets SFI standards.
- j. Window Nets
 - i. A window net meeting the SFI 27.1 specification and displaying a valid SFI 27.1 label must be installed in the driver's side door window opening and should be positioned to cover the entire window opening. A window net should not be used beyond **five (5)** years from the date of manufacture. No expired window nets allowed.
 - ii. The window net should be a rib type, made from minimum 3/4 inch, maximum one (1) inch wide material with a one (1) inch square opening between the ribs. The minimum window net size should be 22 inches wide by 16 inches high. The forward edge of the window net, when in the closed position, should be in line or forward of the steering wheel.
 - iii. All upper and lower window net mounts should be a minimum 1/2 inch diameter solid magnetic steel rod or a minimum one (1) inch wide by 3/16 inch thick flat magnetic steel with mounts welded directly to the roll cage. The window net, when in the closed position, should fit tight and be secured with a lever-type quick release latch acceptable

to Track Officials. The lever should be secured by a detent ball in the lever and may be supplemented by a Velcro® fastener only; pins or clips should not be permitted. The latch should be mounted at the top in the front to roof bar or at the top of front roll bar leg near roof bar and release from the inside.

- iv. All safety gear and safety equipment installation must be acceptable to Monadnock Speedway Officials.
- v. Any rollbar padding must be SFI-approved.

10. DRIVER ELIGIBILITY

- a. The MD Modifieds, Super Streets, Mini Stocks, Pure Stocks, and Six Shooters are all NASCAR Divisions and require a NASCAR license for competition.
- b. Minimum age requirements are as follows:
 - i. 604 Modifieds 14 years of age (upon approval)
 - ii. Super Streets 14 years of age
 - iii. Mini Stocks 14 years of age
 - iv. Pure Stocks 14 years of age (under 14 upon approval)
 - v. Six Shooters 14 years of age
 - vi. Young Guns 12 years of age (under 12 upon approval)
- c. In order to participate in any on-track activity, a driver must be signed in with the handicapper.
- d. Cross Division competition will be permitted with prior written approval of Monadnock Speedway Officials. Approval will only be good for a maximum of three (3) events throughout the 2025 season.

11. ROOKIE OF THE YEAR ELIGIBILITY

- a. All rookie contenders must apply for eligibility. Eligibility shall be determined by Monadnock Speedway Officials, and all decisions shall be final.
- b. In order to be eligible, a driver must have competed in less than five (5) of that division - or a higher division's races - in previous seasons.
- c. When determining the award winner, sportsmanship and cooperation are weighted just as equally as where a driver finishes in the Championship Point Standings.

12. CONTINGENCIES

- a. Contingency Sponsors are a valuable part of the Monadnock Speedway program.
- b. Contingency stickers must be displayed for either product or monetary consideration. Each Division will be notified as to what stickers are required to be eligible for contingency awards. In particular, the decals must be placed on the car so as to be visible from the grandstands as well as in photos of the racecar.

13. CAR NUMBERS & DECALS

- a. All car numbers must be registered and approved by Monadnock Speedway. Letters are permitted. No three-digit numbers will be permitted.
- b. All car numbers must be at least 18" tall on both doors and on the roof. Roof numbers should be grandstand-facing from the frontstretch.
- c. All lettering/decals/signs must meet the approval of the Monadnock Speedway Officials.
- d. Monadnock Speedway reserves the right to require teams to display a roof decal for a Divisional Sponsor.
- e. Monadnock Speedway Officials may use their discretion in requesting color changes due to poor visibility and scoring issues.

14. MONADNOCK SPEEDWAY CHAMPIONSHIP POINTS SYSTEM

- a. Drivers will earn points based on finishing position in both the heat and feature races. No points are awarded for time trials. The number of points earned for each finishing position is listed below.

HEAT RACES

Position	Points
1	5
2	4
3	3
4	2
5	1

FEATURE RACES

Position	Points	Position	Points
1	50	2	48
3	46	4	44
5	42	6	40
7	38	8	36
9	34	10	32
11	30	12	28
13	26	14	24
15	22	16	20
17	18	18	16
19	14	20	12
21	10	22	8
23	6	24	4

Any driver finishing 25th or after will be awarded two (2) Championship points.

- b. In the event of a tiebreaker, the driver with the most wins will determine the tie. If there is still a tie, the number of 2nd, then 3rd, then 4th, etc. place finishes will be used until the tie is broken.

15. PADDOCK & PIT RULES

- a. Jack Stands
- Racing jack stands with flat bottoms are mandatory (Exhibit 1).
 - Jack stands must be used under any vehicle that is jacked up and being worked on.
- b. The speed in the pit area is 10 MPH.
- c. Motorized Vehicles
- Motorized or non-motorized personal transportation (scooters, golf carts, etc.) are not permitted in the Grandstand, Paddock or Infield areas. Monadnock Speedway may grant use of such vehicles for handicapped persons, subject to prior approval and limitations.
- d. It is the sole responsibility of the participants to dispose of hazardous waste, including tires, in a way that is environmentally conscious and respectful.
- e. Narcotics of any kind are not permitted to be brought onto Monadnock Speedway property. Additionally, alcohol is not permitted in the paddock area.
- f. Smoking is not allowed in the inspection area, in any buildings, or near the Sunoco fuel station.
- g. No one is permitted to ride as a passenger inside of, or on, a racecar. Additionally, no one is

- permitted to ride on the side of a truck or trailer.
- h. No Monadnock Speedway Official is permitted to work on a racecar.

RACE PROCEDURES

1. ELECTRONIC DEVICES

- a. Cell phones and personal electronic devices are not permitted in race cars.
- b. Cell phones and personal electronic devices (iPads, tablets, etc.) will not be permitted to be used when the division that the spotter is spotting for is on the racetrack.
- c. Recording devices of any type (audio, video, GoPros, etc.) are prohibited without prior written consent by Monadnock Speedway Officials. The number of recording devices and location will be determined by Monadnock Speedway Officials.
- a. Cars will not be allowed to carry any on board computers, micro-controllers, processors, recording devices, electronic memory chips, traction control devices, or digital readout gauges.

2. HANDICAPPING & QUALIFYING

- a. To begin each season, when a three-race handicap system cannot be utilized, Drivers will be assigned a MyRacePass digital pill number once they sign in at the Handicapper's booth. This number will be used to determine heat race starting positions. Plus/Minus qualifying will be used during the heats to determine feature starting position for the number of qualified positions. All other positions will be lined up heads up from heat results. Anyone dropping to the back of their heat will have to use their initial starting position in the calculation. Any car starting on the pole and winning their heat will earn a +1.
- b. After the third completed race event, Drivers will be handicapped based upon the earned points they received the previous three (3) feature race events. These points will be used to assign qualified positions in qualifying and feature events, starting with the lowest in the front and the highest in the rear.
- c. **The feature winner from the previous event will start (if qualified) as the last qualified car at the next feature event.**
- d. Any driver that misses an event will be credited with one win (50 points) for handicapping purposes.
- e. Disqualified cars will be given two wins (100 points) for handicapping purposes.
- f. A driver who is unable to start the race due to a mechanical failure will receive 0 handicap points, with the approval of the Tech Director.
- g. Time trials may take the place of handicapping at anytime. If Time Trials will be the qualifying method, Monadnock Speedway Officials will announce that in their pre-event email.
- h. If, in the opinion of Monadnock Speedway Officials, a driver is not prepared to start in his/her assigned qualifying position, officials may re-assign the driver an appropriate starting position.
- i. In the event that a qualified driver is unable to use their own car in the feature, they may use another qualified car that has been renumbered with their own car number.

3. SCORING

- a. All scoring will be done by transponder. Finishing positions will be determined in order of the cars that complete the most number of laps in the least amount of time.
- b. Transponder must be mounted 10' from the front most point of the car.
- c. Transponders are required to be on the cars at all times.

4. RADIO COMMUNICATION

- a. Two-way radio communication is not permitted.
- b. All drivers must have a Raceceiver or similar device to monitor and follow directives from race control. The race control frequency is 454.0000.

5. GREEN FLAG (STARTS & RESTARTS)

- a. Once the one-to-go signal has been given there will be no weaving.
- b. The green flag indicates the start or restart of racing conditions.
- c. Monadnock Speedway Officials will signify one (1) lap to go, a lap before the green flag will again be displayed. Any car not in their correct starting position by then will start at the rear of the field.
- d. If a car falls out while the field is doubled up, the row the car dropped out of will pull up.
- e. On the initial start, all drivers must stay in line and not advance position until they cross the start finish line.
- f. All restarts will be double-file unless indicated otherwise by race control.
- g. On all starts and restarts, the leader shall have lane choice. The leader must make his/her commitment by the time they reach the start/finish line to begin the one-to-go lap. Once a driver commits to a lane, no changing will be permitted.
- h. All starts and restarts shall be made within a designated zone on the racetrack. The leader of the race will control the restart within the designated restart zone. If the leader does not start, or restart, by the time he/she reaches the exit of the zone, the starter will start, or restart, the race.

6. YELLOW FLAG (CAUTION PERIOD)

- a. The yellow flag will be displayed and the caution (yellow) lights illuminated immediately following any cause for the caution period. ALL CARS MUST REDUCE THEIR SPEED TO A CAUTIOUS PACE, maintain their respective track position independently and form a single line behind the lead car, allowing the caution vehicle to pull out in front.
- b. If a driver's car is damaged and requires assistance to be removed from the racetrack, the driver should remain in his/her car unless requested to disembark from the racecar by an official, he/she is in imminent danger, or if he/she is reporting to the ambulance. The driver of any car being towed off the racetrack must report to the ambulance for evaluation. No drivers are allowed to stay in their vehicle when it is being towed off.
- c. There will be no passing the caution vehicle unless instructed to do so by a Monadnock Speedway Official.
- d. The lap of record, which was the last scored green flag lap, will be determined by timing and scoring. That lap will provide the lineup for the restart.
- e. Any car(s), which in a Monadnock Speedway Official's judgment, was involved in the caution will be realigned at the tail end of the field.
- f. All cars one (1) or more laps down will be realigned at the tail end of the field, in order of running.
- g. Once the "one to go" signal is given, the field will be re-aligned double file, lead lap cars to the front in the order of running followed by the doubling up of the lapped cars in their order of running.
- h. Once the leader receives the "one-to-go" signal at the start finish line, all cars exiting the pits will restart at the rear of the field. Cars exiting the pits must obey the instruction of the stop and go official.
- i. Cars returning to the race track from the pits during a caution period must wait for the end of the continuous line of cars behind the caution vehicle, unless otherwise directed by the Monadnock Speedway Officials.
- j. Any driver causing two (2) caution periods on their own may be parked for the remainder of the event.

- k. Any driver, who in the opinion of a Monadnock Official, intentionally caused a yellow flag, will be penalized one (1) lap.
- l. The Free Pass Rule may be used in special events. Monadnock Speedway Officials will announce that at the driver's meeting, along with the rules and procedures for eligibility and administration.

7. RED FLAG (RACE STOP)

- a. The red flag signifies that the race must be stopped immediately regardless of the position of the cars on the track. All cars should safely stop in the area designated by race control.
- b. Any car in the pit area at the time that the red flag was displayed may be repaired or serviced.

8. BLUE FLAG WITH YELLOW STRIPE (PASSING FLAG)

- a. The blue flag with a diagonal yellow stripe serves as a warning to slower cars that faster traffic (leaders) is rapidly approaching the cars being signaled. Cars being given this flag must yield to faster traffic by moving to the bottom of the racetrack.
- b. When two or more cars are competing for track position, and the entire group is given the passing flag, all cars in that group are expected to slow down, get single file, and allow the faster traffic to go by, then they may resume racing.

9. BLACK FLAG & BLACK FLAG WITH WHITE CROSS

- a. The black flag signifies the driver must go to the pits immediately and report to the car's assigned pit area. It does not mean automatic disqualification.
- b. If the driver does not obey the black flag directive after two (2) signals, the driver will then be given the black flag with a white cross at the start/finish line to inform the driver that any additional scoring of his/her car will be discontinued until further notice.

10. WHITE FLAG

- a. The white flag signifies that the leader has started his/her last lap.
- b. If the yellow flag is displayed and/or the caution lights are illuminated during the white-flag lap, a green-white-checker finish will ensue (even if it carries the race past the advertised distance). The lineup used to align the cars on the restart will be from the last scored green-flag lap.
- c. Cars may not receive any assistance after the leader has received the white flag at the start/finish line except cars making a pit stop. Violation will result in the car not being scored on that lap.
- d. Any driver assisting another driver after passing under the white flag may be subject to a lap or time penalty.

11. CHECKERED FLAG

- a. The checkered flag signifies that the race is completed. When the required race distance has been completed by the lead car, the race will be declared "officially complete" regardless of the flag being displayed.
- b. When the checkered flag is displayed and the race leader completes the race, the balance of the field also completes the race in the same lap. Finishing positions will be determined according to the most laps traveled on the racetrack in the least total time, whether the car is still running or not.

12. INSPECTION

- a. All racecars are subject to inspection at any time by a Monadnock Speedway Official. Failure to cooperate may result in disciplinary action or a fine.
- b. Monadnock Speedway will designate an assigned inspection area. Only those designated by a

Monadnock Speedway Official will be permitted in that area. Each team will be permitted three (3) team members, plus the driver.

- c. Monadnock Speedway reserves the right to confiscate and retain possession of illegal components.
- d. Monadnock Speedway may request a team submit to more in-depth inspection processes (bubbling of engines, compression checks, etc.). If so, the participant is responsible for all costs pertaining to reassembling their car following that inspection.
- e. In no way is Monadnock Speedway responsible for damages incurred during the inspection process by one of its officials or authorized agents.
- f. Smoking is not permitted in the inspection area.

TECHNICAL RULES

1. DIVISIONAL MISSION STATEMENT

The mission of the Mini Stock Division is to provide car owners, drivers, and crew members with an affordable and enjoyable way to be part of weekly racing at Monadnock Speedway. The division provides individuals the ability to learn the necessary skills to be successful in stock car racing, and builds a strong foundation for advancement into other divisions.

2. INTRODUCTION

- a. These rules are intended to create affordable and fair competition. While this rulebook intends to be as comprehensive as possible, it cannot possibly address every situation. If you have questions regarding something not detailed in these rules, please consult a Monadnock Speedway Official for clarification before proceeding. These rules are for Monadnock Speedway only with no expressed or implied agreement with any other speedway or series as to their interpretation, implementation, and method of inspection by their technical inspectors and officials. No car, component, or equipment will be considered as having been approved by reason of having previously passed through inspection unobserved. No car, component, or equipment will be considered as having passed inspection for the event until the finish is made official.
- b. The request for new or modified parts or components not specifically addressed in the current version of this rule book must be submitted in writing, via email, to monadnockspeedway@ymail.com for consideration of approval on or prior to August 1, 2025 unless otherwise authorized by Monadnock Speedway, to be considered for competition for the 2026 season.
- c. All equipment is subject to the approval of Monadnock Speedway Officials. You may be assessed penalties including but not limited to: added weight, fines, loss of points, loss of handicapping, and suspension, car parts, components, and/or equipment deemed as not in compliance with these rules.
- d. By engaging in competition at Monadnock Speedway, you hereby agree to have read the 2025 NASCAR Advance Auto Parts Weekly Series rulebook and the 2025 Monadnock Speedway Mini Stock Division Rulebook.
- e. It is the responsibility of the competitor to read and understand these rules. If they have questions about any of these rules or if they would like to compete at Monadnock Speedway, but their car is not currently compliant, please contact Monadnock Speedway Officials to work on a solution.

3. ELIGIBLE MODELS

- a. 1977 through present, mass-produced four (4) cylinder passenger cars. Both two (2) and four (4) door models are allowed.

- b. No convertibles, mini vans, or trucks. No rear, mid, rotary, or opposed engines allowed. No AWD, AWD conversions, or 4x4 models permitted.
- c. Pre-approval by a Monadnock Speedway Official is required for any questionable make/model.
- d. No two (2) seaters. All cars must have had a rear OEM seat.

4. BODY

- a. Bodies:
 - i. Roof must be steel; Mustang may use factory replacement fiberglass roof. Any car using a fiberglass roof will be required to have a steel (22GA minimum) roof plate.
 - ii. Doors, fenders, quarters, and trunk-lid may be steel or aluminum and must be stock in appearance and size.
 - iii. Hoods must be stock, aftermarket steel, or fiberglass. No aluminum hoods will be permitted, even if OEM.
 - iv. Tail section of the car must be closed with no cut-outs or openings permitted. Aftermarket nose and tail pieces are allowed. All bodies are required to be four (4)" inches from the ground. ¼" allowance will be given. Installation with Dzus, or ¼ turn fasteners.
 - v. Aftermarket Bodies: AR Bodies Muscles Car bodies matching the chassis manufacturer are allowed.
 - vi. Body must be used in full, no mixing and matching of other panels/pieces.
- b. Inner Panels:
 - i. Stock firewall and floor pan must be intact. Floor pan may be fabricated but it must cover the entire floor area between the front and rear firewalls. Firewalls must remain in stock locations.
 - ii. Floorboards are not required to match side to side.
 - iii. Inner panels from any manufacturer can be used. They also may be fabricated.
- c. Spoilers:
 - i. Maximum 58" x 5" must be placed aft of the trunk lid or aft of the rear window base.
 - ii. Spoilers may be constructed of Lexan, steel, or aluminum.
 - iii. Stock spoilers are allowed.
 - iv. Metal spoilers must be made from three (3) separate pieces with none of the three exceeding 20" inches in length.
 - v. Spoilers may not extend beyond the width of the deck lid.
- d. Windows:
 - i. Lexan windows may be used.
 - ii. Quarter and rear windows are allowed but not required.
 - iii. Undamaged stock front windshields may be allowed with prior Monadnock Speedway Officials approval. Glass windshield is permitted as long as it is factory style safety glass.
- e. Rub Rails:
 - i. Exterior rub rails are allowed only between the front and rear tire and must stay in contact with the body their entire length.
 - ii. Steel rails MUST be secured to the cage in two (2) places. Plastic rails may be riveted to body with a minimum rivet spacing of twelve (12") inches.
- f. Roof Rails:
 - i. Two (2) roof rails are permitted lengthways of the car.
 - ii. Rails can be no longer than the steel roof panel.
 - iii. Rails must be no higher than 1 ½" above the surface of the roof.
 - iv. Rails may be made of steel, aluminum, Lexan, or plastic and must be securely fastened to the vehicle.

5. BRAKES

- a. Four wheel brakes must be in working order. Brakes must be OEM or OEM replacement type. No exotic, aftermarket, or racing calipers allowed. Cars can be converted to rear disc brakes using factory materials, factory materials can be used from ANY make and model.
- b. Aftermarket brake pedal assemblies with bias control are permitted.
- c. No aluminum brake drums allowed.

6. CHASSIS

- a. A stock chassis may be tubed in front of strut towers, but must remain unaltered from strut or shock location to rocker panel. Chassis may be fabricated with tubing beyond rear strut or shock towers. Tubing can be used to connect front and rear subframes and must be identical side to side. Tubing is allowed to pass through either firewall. Caster/Camber plates are permitted and the top of the strut tower may be slotted for adjustment.
- b. Roll Cage:
 - i. Main cage must be constructed using a minimum of 1 ½" x .095. Main cage is defined as "any area between factory firewalls".
 - ii. Frame tubing must be a minimum of 2" x 2" x .125.
 - iii. The drivers door bars must be plated (24 gauge minimum) or covered (.250 minimum) to reduce the risk of driver injury.
- c. Strut Towers:
 - i. Strut and shock towers must remain in factory locations. No movement of any factory placed suspension or chassis mounting points is permitted.
 - ii. No modifications of stock sub frames is allowed (i.e. cannot be cut open, tubed inside and resealed).
 - iii. The engine crossmember must be OEM and unaltered.
- d. Excessive Tube/Repair: Any car using excessive tube to reinforce chassis from rust or crash damage will be subject to additional weight penalties as determined by Monadnock Speedway Officials.

7. DRIVETRAIN

- a. Transmissions:
 - i. Transmission must be a stock unit for make; gear ratios may be swapped from other factory units. Must have four (4) forward gears in working condition. 5th gear lockouts may be used but will need to be removed for transmission inspections.
 - ii. Cars with swapped engines may use the transmission that matches the engine, if it differs from the model.
- b. Driveshaft:
 - i. Driveshaft must be steel and painted white.
 - ii. Shaft must have one (1) driveshaft loop 18" inches of the forward u-joint.
- c. Clutch: Clutch must be functional, single disc, or puck style clutch with a stock finger-type pressure plate.
- d. Flywheel
 - i. Option 1:
Must be steel and weigh a minimum of 10 lbs. when measured with Monadnock Speedway tools. Weight will include mounting bolts.
Must retain stock diameter.
 - ii. Option 2:
Flywheel may be made of any material, weigh a minimum of 8lbs., and be SFI Certified.
For the Dodge Neon: Factory riveted clutch and flywheel assembly, weighing a minimum of 22 lbs. including the flex plate and mounting bolts.

- iii. Option 3:
No Flywheel rules will be enforced with the acceptance of a 100 lb. penalty. Cars must declare this Option 3 rule before their first event of the season. Cars that have bypassed the flywheel rule and accept the 100 lb. penalty will be identified with the letter "F" on the windshield.

8. ENGINE

- a. Engine Identification: All cars MUST have their engine size and minimum weight posted via vinyl decal or paint on either hood or windshield of the vehicle.
- b. Engine Setback: All cars with swapped engines must have transmission output shafts inline with center of front hubs.
- c. Variable Valve Timing (VVT):
 - i. All cars with a variable valve timing system will be required to use make specific engines. Cylinder head and block must match. No mixing of VVT engines, heads or block.
 - ii. All VVT-equipped cars will add 75 lbs.
- d. Block:
 - i. Blocks must be stock for make.
 - ii. 2540cc maximum displacement. Actual Displacement, not advertised engine size will determine the minimum car weight.
 - iii. Maximum overbore .060.
 - iv. Compression ratio will not exceed 12 to 1.
 - v. No stroking/de-stroking of engine.
- e. Heads:
 - i. Milling of head is allowed. No porting or polishing of any kind. The cylinder head must be stock for make. The combustion chamber must not be modified at all.
 - ii. Ford 2.3 will be allowed to use Race Engineering Cast Iron replacement head.
- f. Valves:
 - i. Oversized replacement valves are allowed. They must be used in conjunction with factory sized valve seats.
 - ii. Stainless steel OE replacements allowed. Valves may use narrow stem. Ford 2.3 will be allowed to use 1.89/1.59 valve combination.
- g. Crankshaft:
 - i. Crankshaft MUST be OEM stock. No knife edging or weight removal is allowed.
 - ii. No aftermarket cranks.
 - iii. Crankshafts may be balanced.
 - iv. Aftermarket pulleys are allowed.
- h. Camshaft:
 - i. Valve train must match make, model, and year of engine declared.
 - ii. 16 valve max lift is .470" and 8 valve max lift .550" when measured at the valve flat tappet or Factory roller style valve train. Lift is measured at the outermost portion of the valve retainer.
 - iii. Variable Timing (VTEC) will require camshaft removal for lift inspection. ALL LOBES will be checked on VTEC equipped cars.
- i. Pistons & Rods:
 - i. Must be stock appearing, **magnetic steel rods, factory weight or heavier.**
 - ii. No light weight piston or rods allowed.

- j. Carburetor:
 - i. Holley 7448 350cfm Max.
 - ii. Choke plate MUST be removed to allow inspection.
 - iii. One (1)" inch spacer or adapter between intake and carburetor allowed.
 - iv. Carburetors are subject to outside flow-bench testing for flow capabilities.
 - v. Carburetors found illegal will be confiscated.
- k. Fuel Injection:
 - i. Fuel injection is allowed. Any size fuel injectors may be used.
 - ii. Any size throttle body may be used for fuel injection.
- l. Air Filter:
 - i. Air filter may stick above the hood but will need to be covered so the filter is not exposed to open air.
 - ii. Electronic Fuel Injection (EFI) cars must leave the air filter in the engine bay. The filter must not extend ahead of the radiator.
 - iii. An air filter spacer in between the carburetor and the filter is allowed up to one (1)" inch. One filter only.
 - iv. Maximum diameter of the intake tube is three (3)". the minimum length, not including air filter, is fourteen (14)".
- m. Intake Manifold:
 - i. Must use a stock intake for make and engine used. No porting or polishing of any kind.
 - ii. Gasket matching is legal but you must use the Fel-Pro Gasket for the engine declared. The maximum gasket match will be ½" (0.500"). 8 Valve cars may use aftermarket or fabricated intake manifolds.

9. ENGINE COOLING

- a. Any radiator may be used and must be mounted forward of engine.
- b. No antifreeze allowed.

10. EXHAUST

- a. Headers will be allowed; Ford will not be allowed to use Thunder Valley or any 1 3/4" primary tube header.
- b. **3" maximum exhaust pipe diameter after muffler. No exit on side.**
- c. All cars will be required to run a muffler.
- d. Cars that are deemed too loud (96dB) for competition will be asked to conform.

11. FUEL

- a. Fuel Cell:
 - i. Fuel cell maximum capacity is (12) gallons.
 - ii. Fuel cell must be enclosed in a steel container. Fuel cell must have a rear crush bar in case of accident. Fuel cell must have a steel firewall mounted in between the fuel cell and driver (separate from drivers compartment). No aluminum may be used in front or rear firewalls. Fuel cell must have a cage constructed of a minimum one (1)" inch square tubing.
 - iii. Fuel cell must be mounted behind the centerline of the rear axle, unless pre-approved by Monadnock Speedway Officials. Fuels lines permitted to run through the drivers compartment as long as they are fully encased in conduit and labeled.
 - iv. Fuel lines:
Fuel lines are permitted to run through the drivers compartment as long as they are fully encased in conduit and labeled. High pressure clamps and fittings only. Hose clamps are not permitted.

- v. Fuel Pump
Electric fuel pump must have switch clearly marked. Electrical ON/OFF switch must be within reach from outside of car.
Cars running fuel injection will require an oil pressure shut off switch.

12. IGNITION & ELECTRICAL

- a. Starter:
 - i. Any starter in working condition.
 - ii. Starter must engage the flywheel. Small diameter clutches utilizing a flex plate are not permitted.
- b. Ignition:
 - i. Stock ignition systems only. No magnetos or MSD systems allowed.
 - ii. High output coils are permitted if stock appearing.
 - iii. Aftermarket distributors may be used and must run from factory electronics. MSD is not permitted.
- c. Electronic Fuel Injection(EFI):
 - i. EFI computer must be stock OEM-style. Factory computer upgrades are allowed. Chips and Flashes are permitted to re-tune settings.
 - ii. The actual factory computer unit must be used. No standalones are permitted.
- d. Firewalls/Wires:
 - i. All wires and/or fuel lines that cross through any firewall will be required to maintain a rubber grommet to prevent arcing.
- e. Battery:
 - i. Battery must be located forward of the fuel cell. It is suggested that the battery not be mounted within the engine compartment.
 - ii. Battery must be secured by a minimum of two (2) fasteners.

13. LETTERING/APPEARANCE - SEE GENERAL RULES, #13: CAR NUMBERS & DECALS

14. MIRRORS

- a. Permitted.

15. REAR ENDS

- a. Rear End:
 - i. Rear end must be factory for make and model used.
 - ii. No quick change or 9" units allowed.
- b. Assemblies: No aluminum components allowed.
- c. Control Arms:
 - i. Control arms may be reinforced. Offset bushings allowed.
 - ii. Fabricated heim joint arms are allowed. Quarter inch ($\frac{1}{4}$ ") adjustments plus or minus allowed on the Heim joints.
- d. Camber: No camber changes allowed to rear wheel drive solid (non- independent) rear ends.

16. RIDE HEIGHT

- a. All cars must meet a four (4)" suspension ride height. Ride height will be measured at the factory floorboard next to the unibody. If floorboards are not in stock location, the lowest point of the frame rail must be four (4)" inches.

17. SAFETY - SEE GENERAL RULES, #9: SAFETY

18. SEAT

- a. A Full containment racing seat must be used. Containment system is defined by a one (1)-piece, two (2)-side reinforced headrest, and two (2) reinforced shoulder rests. Bolt on containment systems allowed.
- b. Headrest must be mounted to the chassis or in accordance with manufacturer specifications.

19. STEERING & SUSPENSION

- a. Suspension mounting points must remain stock. Control arms, spindles, etc. must remain stock. Items not covered may be fabricated and altered for performance enhancement. Excessively modified or altered parts may be deemed illegal for competition.
- b. Shocks:
 - i. OEM or stock replacement shocks and struts only. Bilsteins are permitted. No racing, or adjustable shocks/struts allowed. No performance ~~or threaded body~~ shocks/struts allowed. Non-damping adjustable Coilover Kits are permitted. No damping adjustment provisions are permitted on any make or model. **MSRP maximum \$300.00 per shock.**
 - ii. Maximum one (1) shock/strut per wheel and four (4) per car.
 - iii. Coilover sleeve kits allowed. Sleeve kit must attach to unaltered DOT/OEM replacement shock.
 - iv. Weight jack and adjustable spring cups are permitted.
 - v. Adjustable strut plates are allowed.
- c. Springs: Racing springs allowed. Any diameter and any height permitted.
- d. Sway Bars: Any size sway bar may be used in the front or rear. Sway bar does not need to be factory for make/model used.
- e. Bolt-Ons:
 - i. All suspension parts (a-frames, spindles, hubs, etc.) must be unaltered OEM. No cutting, bending, or grinding permitted.
 - ii. Spindles must match side to side.
 - iii. Mustang may use QA1 K-Member.
- f. Control Arms:
 - i. Rear control arms may be fabricated from heim joints and radius rods. RWD may have a ¼" adjustment plus or minus stock length.
 - ii. Aftermarket OEM-dimension, non-adjustable control arms may be used.
 - iii. Modified Upper Control Arms:

On cars where no factory camber adjustment is given, cars may be allowed to modify factory upper control arms. Caster-camber plates may not be used. Control arms may be shortened or lengthened one (1)" inch. Control arm legs must be the same length. Aftermarket control arms and hardware may be used. All modified control arms require Monadnock Speedway Officials approval. Approved control arms will be marked and sealed to prevent further modifications without approval. It is the race teams responsibility to seek and receive this approval and seal.

20. STEERING SHAFT

- a. Aftermarket steering shaft recommended.
- b. Quick release steering wheels are required.
- c. Steering wheel can be made out of steel or aluminum.

21. TRANSPONDER/SCANNERS/RADIOS/CELLULAR PHONES - SEE GENERAL RULES & RACE PROCEDURES.

22. TREAD WIDTH

- a. Maximum tread width 72" inches measured bead to bead. Bead is defined as the outside lip of the wheel used.

23. WEIGHT

- a. Base weight:
 - i. All race cars with 1.7 liter or greater engine will weigh a minimum of 2200 lbs. with 55% maximum left side weight.
 - ii. All race cars with 1.6 liter or smaller will weigh a minimum 2150 lbs. with 55% maximum left side weight.
 - iii. **All race car with 8 valves will weigh a minimum of 2200 lbs. with 56% left.**
- b. Lead: Lead weight may be added to achieve percentages and overall weight required by Monadnock Speedway Officials. All lead must be painted white and have the car number painted or etched onto the lead. Any cars losing a piece of lead during a race will face immediate disqualification.
- c. **After 3rd Feature Win; competitor must add 50 lbs. (Right Side), each feature won after the 3rd win, competitor must add 25lbs (Right Side) per feature win up to 100 lbs. maximum.**

24. WHEELS

- a. 7" or 8" inch wide wheels with any production offset may be used. 13" and 14" inch wheels only. No mixing of rim diameter or width on the car.
- b. Spacers may be used.
- c. Racing wheels required.
- d. NO homemade or altered wheels will be allowed. One (1)" inch lug nuts are required on all four (4) wheels.
- e.

25. TIRES

- i. Hoosier 800 23" and 800 23.5" required for competition.
- ii. Durometer testing of tires will be conducted throughout the race event starting with the first practice. Each tire will be checked in a minimum of three (3) locations. All locations must be 45pts. or greater to pass.
- c. Tires must be purchased at the track. **Once a tire is mounted, it may not be exchanged.**
- d. The tire inventory belongs to the driver not the car.
- e. **Each driver is allowed six (6) new inventory tires to start the season. The new inventory tires must be purchased at the driver's first event they compete in**
- f. After your first feature event has been completed (50% of the feature) you will be allowed to purchase one (1) tire at the next event you compete in. Tire must be purchased at the next event or you will lose the tire credit (no banking). Features 50 laps or longer, you will be allowed to purchase two (2) tires on the date of the extra distance event.
- g. Practice tires will be available for purchase by calling the Speedway Office. Serial numbers and bar coding will be removed by Monadnock Speedway Officials at the time of purchase. Practice tires cannot be brought into a competitor's inventory.
- h. A competitor may bring a **used tire** from another track into the inventory in place of purchasing a new tire upon approval of track management. Tire must be scanned into inventory.
- i. All tires used for qualifying, consolation, B-Main, and feature events must be registered in a driver's inventory.
- j. Tire softener/conditioner is not permitted.
- k. Flat Tire Replacements: To replace a tire due to a flat, it must be witnessed by a Monadnock Speedway Official. The flat must occur on the track and must be a tire that was purchased at that event. The tire replacement must be inspected and approved by a track official on the event date that the tire went flat.

26. WHEELBASE:

- a. OEM Wheelbase must be maintained +/- $\frac{3}{4}$ " inch.

27. FOR MORE INFORMATION, PLEASE CONTACT monadnockspeedway@gmail.com

Exhibit 1: Required Jack Stands



Exhibit 2: Transponder Mounting Location

