

## **2025 Norton Raceway Park Ace Racing**

If there are any concerns not covered in these rules, consider any alterations to be illegal, unless told otherwise by the tech inspector. All cars must go through tech before going onto the speedway. The following rules are in no way a guarantee against injury or death to participants or others.

ALL RULES ARE SUBJECT TO CHANGE TO EQUALIZE COMPETITION, INCLUDING ADDING WEIGHT TO INDIVIDUAL CARS.

This is intended to be a strictly stock, budget minded racing division, giving the fans the opportunity to see daily driver cars on the track. This class is for competitive and close racing, and rough driving will not be tolerated.

### **Vehicle eligibility**

Vehicles must be a front placement 4 or 6 cylinder, rear wheel drive coupe, sedan, or station wagon ranging from 1990 to 2010. Vehicles may be domestic or foreign. This division is limited to Unibody construction vehicles, no vehicles with full frames. No FWD, No AWD, NO AWD conversions, NO Trucks or vans. No mid engine or rear engine vehicles, no two seater vehicles. Cars used will be 260hp or less as rated by factory spec.

### **Vehicle weight to horsepower ratings**

Vehicles competing in the factory horsepower rating range of 225hp-260hp will maintain a weight of no less than 3250 pounds with driver. Vehicles with a factory horsepower rating of up to 224hp range will have a weight of no less than 2900 pounds. Weight can be added by track at any time for competition purposes. Weight added to meet requirement will be securely to passenger floorboard area inside of vehicle. Added weight must be painted white and have car number displayed. Added weight must be bolted in, with large washers on both sides. This will be strictly enforced. Cross weight on all vehicles must be 48% to 52% using track scales. This will be checked at random, so plan accordingly.

### **Engine and Transmission**

Division will be limited to V6, inline 4 cylinder or inline 6 cylinder. NO rotary engines, turbo or supercharged engines, and no diesel engines. No turbo or supercharger conversions. Any internal engine work will not be permitted. Engines are meant to be easily replaced by salvage yard engines to keep costs down. There is no tolerance for clearance for cleanup on engines, cylinder heads, engine bore etc. Any part that appears to be altered for a performance advantage, or aftermarket performance parts can be confiscated at the tracks discretion, and could cause disqualification and/or suspension. Only Fuel injected engines permitted. No carburetors were used during this timeframe, so no conversions. Engine must remain the same for the generation of vehicle entered. Example, no 2005 to 2010 Mustang engines swapped into a 1999 to 2004 Mustang. Pump gas only, with no additives such as alcohol, methanol, or nitrous.

After market or home air intake systems will be permitted. Spark plug wire 8mm maximum, and no performance coil pack or ignition coils will be permitted. Stock type replacements only. Must have a working alternator. No aftermarket pulleys permitted. You may bypass air conditioning compressor and smog/air pumps.

Transmissions may be factory automatic or manual for vehicle. All forward gears and reverse gear must work. Flywheel must be factory style, no aftermarket aluminum or lightweight steel units.

### **Rear end**

Stock gear set for your year and make of vehicle. No swapping into larger rear end from V8 vehicle.

Welding of rear differential is permitted. Limited slip/posi traction units are permitted if an option from the factory. Factory Traction control must be disabled, and fuses pulled for abs control unit.

Factory mounting points for rear end housing may not be altered. No adjustable control arms, panhard bars or torque bars unless a factory option. Rear axle/rear suspension can not be altered in any way to achieve rear steer. Vehicle must track straight, repairs will be required if bent in accident.

Rear driveshafts must be painted with your car number painted on it. Installation of a driveshaft loop is recommended. No aftermarket or custom driveshafts.

### **Engine Computers and electrical**

OBD port must remain operational at all times, with zero tolerance. This must be easily identified and accessible to the track tech team. If vehicle cannot be scanned its automatic disqualification from that night's events. This is subject to be checked at any time during the racing event.

Vehicle computers may remain in factory mounted location, or relocated out of harms way without modification to the wiring harness. It must be accessible by the track, not hidden. No standalone wiring harness or standalone engine management will be permitted. No aftermarket Performance piggy back chips will not be permitted. You may have Limp mode and immobilizers tuned out of vehicle computer.

You must have a functional factory gauge cluster in the vehicle. Aftermarket gauges, such as a tachometer, oil pressure, or coolant temperature gauge, may be used in addition. No OBD to tablet aftermarket gauge system may be used. Fuses for unused electronic circuits, such as light systems or HVAC, are recommended to be removed. Unused wiring harnesses, such as door or lighting, can be removed. All wiring harnesses should be secured throughout vehicle and under the hood to prevent damage.

Vehicle just start using factory key and ignition switch. No aftermarket push button starting systems.

### **Battery and charging system**

Battery can be mounted in the factory location if on a steel battery tray. It must have a strap over it to secure it in case of accident or rollover. Battery may be relocated to passenger side floorboard. If relocated, it must be in a marine type battery box with a secure cover. This must be securely fastened with a metal strap or ratchet strap. No bungee cords or loose batteries permitted.

A battery kill switch is mandatory. This must be clearly marked. Battery cables must be securely run inside of the vehicle and go through the firewall. No cables under the floorboards for safety reasons.

### **Exhaust system**

Factory to your vehicle or aftermarket headers may be installed. Catalytic converters, resonators and mufflers may be removed. Exhaust pipes may not exceed 3" diameter. Exhaust must exit behind the driver out of the drivers side and/or passenger side of the vehicle before the gas tank. O2 sensors may be removed.

### **Radiator and cooling system**

Factory or OEM replacement single row radiators only. Must remain in factory location. Air conditioning condenser and lines may be removed. Water only, no antifreeze.

Radiator fan may be wired to a switch to be activated by driver, or left factory. External Transmission cooler will be permitted, but it must remain in the front of the radiator.

### **Steering and suspension**

Vehicle steering and suspension will remain unaltered from the factory design. This means stock. There will be no shimming of suspension, subframe or steering components using washers, shims, or any other materials. No subframe connectors permitted.

Minimum wheelbase is 97" measured from center of wheel to center of wheel. Wheelbase must be within 1/2" side to side with factory adjustments only. No modification to factory mounting points to achieve this.

Ride height will be a minimum of 4" on the driver's side of the vehicle with driver in vehicle. There will be a 1" tolerance from left to right side of vehicle. Measurement will be made at the pinch weld. Pinch welds will not be altered, rolled under, cut or shaved.

Mounting plates for struts will remain in factory location. Mounting holes may be moved side to side to achieve camber only. No front to rear for caster adjustments. Chrysler may use aftermarket lower control arms for camber adjustment. Passenger side 1 1/2" or less negative camber permitted. Driver side 3/4" or less positive camber permitted. This will be checked using a square, measuring to the wheel. There will be no tolerance over these numbers. Check with tech if you are not sure how to measure this.

Struts must be factory or factory replacement. No coil over or adjustable style permitted. Springs will remain factory stock or OEM replacement. Must be equal number of coils side to side. No aftermarket lowering springs, performance springs, or heated springs will not be permitted. No spring rubbers, spacers, packers or spring adjusters will be permitted. Base model spring sets for vehicle entered only. Sway bars must remain factory stock to vehicle being used. Sway bar is subject to a measurement check at any point. No adjustable sway bar links. Must be same length side to side.

Steering components must remain factory to vehicle being used with no alteration.

### **Brakes**

All vehicles must have functional brakes on all corners. This will be spot checked at any time between hot laps to post feature tech inspection. Brakes will be factory or OEM replacement for that year and model. Slotted or drilled rotors will be permitted.

No brake bias valves will be permitted. Vehicles with ABS and Traction control will have to remove fuses to disable those systems. Wheel speed sensors can be removed or disconnected. The ABS pump and control module for these systems can be removed from the vehicle. Rear disc brakes are permitted if factory for that year make and model. Factory or OEM brake calipers only. NO Brembo caliper or other type of performance brake upgrades will be permitted. Brake cooling hoses for front brakes will be permitted.

### **Tires and Wheels**

Tires must be 300 or higher treadwear. Treadwear on side of tire must be visible on outside edge of tire at all times with no alteration. No exceptions. Treadwear must be marked with bright color marker.

All four tires must be the same size. Any 40 series or higher tire permitted. Example, 225-60-17" on all 4 corners. No staggering of wheel or tire size. No shaving of tires permitted, no chemical compound soaking of tires permitted, no snow tires or recap tires permitted. Tires must remain above 4/32 tread depth.

Factory offset steel or aluminum wheels permitted. No racing or trailer style wheels permitted.

Passenger side wheels must be aluminum. Steel wheels permitted on drivers' side only. Passenger side wheels must be same width and offset. Drivers side wheels must be same width and offset. Wheel

Must be same diameter on all four corners. Wheels may be 14" to 18" in diameter. Maximum wheel width is 9". No truck or SUV wheels.

Trackwidth must be no more than 75" side to side, using a toe plate to measure. No Wheel spacers of any kind

### **Body and Appearance**

Vehicles will retain their factory appearance. Ex. a 1997 Camaro must look like 1997 Camaro, a 2009 Mustang must look like a 2009 Mustang. Aftermarket nose will be permitted, but must be same manufacturer to same manufacturer. Factory bumper bar must be utilized, with one radiator bar permitted, behind the bumper within the frame rails.

Factory style spoilers and body kits are legal. Fabricated or made for circle track racing spoilers will not be permitted. There will be no fabricated, sheet metal or aluminum side skirts permitted. If there is work to patch rust or dents the panel must follow the natural form of the body and roll underneath the vehicle.

All headlights, Taillights, side markers and reflectors must be removed -All glass except for windshield must be removed. You may run a factory windshield, Lexan replacement or a screen with minimum three drivers' bars.

Sunroofs and T-tops must be covered with steel material only. No aluminum to cover this portion -Doors must be welded, bolted, or rivet paneled shut. Doors must not open. -1" x 1" square or clear rub guards are strongly encouraged. Rub rail must sit flush against body and stay with in the area behind front tire and ahead of rear tire.

Hood must be secured with hood pins. -Quarter windows may be filled in with clear Lexan or solid panels. Door window openings must remain open. Any holes in body from removal of door handles, mirrors and lights may be covered with aluminum or sheet steel.

Headlight and tail light openings may be covered. A tow hook, chain or cable capable of supporting the weight of the vehicle must be placed and centered on the front and rear of the vehicle.

All body panels must remain on vehicle at all times while at the racing event. Hood must remain on vehicle and on factory hinges. Trunk deck lid will remain on vehicles well as full hatch. Hoods, trunk and hatches may not be gutted out for weight advantage.

### **Interior**

All flammable materials such as carpets, seats, and trim pieces will be removed from the vehicle. All air bags removed. No boxing/decking in of driver's compartment. Doors may have structure panels removed to allow clearance for roll bars. There will be no cutting of interior structure for weight reduction. Access panels for damage repair can be made. The only exception is for doors and roll cage clearance -Factory dashboard and heater box may be removed. Factory impact bar under dash must remain in place. This can be tied into the roll cage.

Interior must remain free of debris and loose objects that may become a hazard in the event of a collision or rollover. Be sure everything is securely bolted or fastened down. Any holes in front firewall must be patched with sheet steel. Rear decking must have a panel to separate drivers' area and rear trunk. This would be a rear "fire wall". Steel must be used to separate fuel cell from driver's compartment. Aluminum can be used if fuel cell is not in trunk.

No mirrors of any kind.

### **Roll cage**

Four-point roll cage minimum. Up to 6 point with rear down bars. Roll cage mounting and construction will be rigidly inspected. Roll cage will be perimeter type. This means no Left handers and no offset halos. Halo bar must follow the complete roof line side to side. Perimeter roll cage means halo must meet a-pillar to a-pillar and b-pillar to b-pillar if it is deemed unsafe for competition the car will not be allowed to compete until the issues have been fixed. Roll cage must be on spreader plates, angle iron or square channel to floor and inner rocker panels. Sandwich plated through floor in conjunction with the above mounting style is strongly encouraged but not required. No bars may run through front firewall. Rear down bars are permitted, but cannot tie into the rear shock or strut towers. No exceptions. Rear down bars may be added into the trunk area as a means of fuel cell protection. They may not be positioned or welded within six inches of rear shock or strut upper mounting location. No tying suspension into roll cage. With driver seated in vehicle drivers head must be at least 2" away from any portion of the roll cage. Drivers head may not stick above the roll cage. Minimum three door bars for driver side of roll cage. Drivers Door plates are mandatory. Plating will be upright post to upright post, Top to bottom of door bars complete.

### **Safety**

Window net that drops down is mandatory. Release buckle or release latch must be positioned at the top front most position of the cage and easily accessible by safety officials. Made for oval racing aluminum racing seat is mandatory. No exceptions, racing seat mount must attach at all points to roll cage. Will not be bolted to floor. Harness mounts must be welded to roll cage. Harness WILL NOT be chained to rear seat bolting points or floor boards. All harness mounting is to roll cage only. Zero exception. Detachable steering wheel is recommended but not required. You may run factory or racing style steering wheel.

A Five-point racing Harness including lower crotch belt is required. No older than three years of current year and free of tears or burn marks. Helmets are required and must be an approved SA 2015 or newer racing helmet. All drivers will have a clean SFI or equivalent full one- or two-piece fire suit. Fire suits must not have any holes or patches. This will be checked. Racing gloves and racing shoes are required. Safety gear will be checked. Vehicle must have a full charged fire extinguisher within reach of the driver.

### **Fuel Cell / Fuel tank**

Fuel cell is strongly encouraged for vehicles with factory fuel tank located behind rear axle such as fourth generation mustang. Fuel cell strongly encouraged for all cars in competition, but not required. Factory fuel tanks will be chained or wired through the body in addition to factory fuel tank straps. Fuel cell to be mounted in rear cargo area in between rear shock tires and centered. There will be no cutting of trunk floor to mount fuel cell. Fuel pump kill switch will be mounted on rear shelf within reach of safety official and easily identifiable. Fuel pump kill switch is mandatory. 8, 10- or 12-gallon steel fuel cells are permitted. No aluminum, plastic, or derby style tanks. Made for racing fuel cell only.

### **Radio**

Must have a one-way radio/scanner/receiver set to 454.0000. Anyone talking back to pit crew or officials will result in a DQ. Must have a Westhold transponder located on the rear axle tube/rear cradle under the vehicle for scoring purposes. Any car that does not respond to radio communications for line up under caution will be placed at the rear of the back.

**Appearance**

Take some pride in the appearance of your cars. Represent your sponsors in a legible fashion. Numbers should contrast sharply from the color scheme chosen. Door numbers should be in good sizing to read from across the track. Your car number will also be placed on the upper right (passenger side of the front windshield. No vulgar language or imagery, please keep them family friendly.

**Radios**

Must have one-way radio-scanner-raceceiver 467.7625 - - - ANYONE talking back to pit crew or officials will result in DQ! Must have a transponder located on the rear axle tube or on bottom of frame in line with axle tube. Any car that does not respond to radio communication for line up on restarts will be placed at the rear of the pack.

STANDARD WEEKLY PAYOUTS: 200, 150, 100, 75, 50, 40 on back

**Competing in Two Divisions**

Drivers who wish to compete in more than one division at Norton Raceway Park on any race night must get prior approval. It is important that the race card is not interrupted because we are waiting for a driver to change cars. Because of this, drivers will only be permitted to race in two divisions maximum during the course of any race night. Any driver who participates in a paying class must pay for a pit pass. Drivers will receive 75% of the total payout for their finishing positions in the two divisions they compete in.

The use of antifreeze will result in a \$100 fine.

**REMEMBER:** Norton Raceway Park and its officials reserve the right to change specifications/procedures/competition rules and add/or subtract cars to the field at any time. Those who sign-in and/or start in an event agree to be governed by these rules and by all decisions of the Raceway and its officials. During any on track racing activity, there will be absolutely no cell phone or Bluetooth devices permitted in the racecar. If caught with any device, you will lose all points for the night, as well as your pay!

ANY DRIVER OR CAR OWNER SUSPENDED FOR THE SEASON WILL IMMEDIATELY LOSE ALL POINTS FOR THE YEAR.