



# Official Rulebook

## 2026 Riverhead Crate Modified Rules

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# 2026 **General** Rules

Revised Jun 16, 2026

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## Social Media Conduct Policy

Riverhead Raceway recognizes that social media plays a major role in how our sport is viewed by fans, sponsors, and media outlets. Public posts can have a direct and damaging impact on the reputation of the Raceway, its competitors, and its partners.

Any public social media posts, comments, or shared content that are misleading, inflammatory, defamatory, or intentionally negative toward Riverhead Raceway, its officials, staff, sponsors, competitors, fans, or media partners will not be tolerated.

This includes, but is not limited to:

- Spreading inaccurate or incomplete information
- Publicly attacking track decisions or officials
- Posting content that harms sponsor relationships
- Encouraging negativity toward fans or media coverage
- Repeated public complaints instead of using proper communication channels

All concerns or disagreements must be addressed directly with Raceway management through appropriate channels. Social media is not the place to resolve internal matters.

Violations of this policy may result in the individual no longer being welcome on the premises at Riverhead Raceway. This determination will be made at the sole discretion of Raceway management based on the nature and impact of the content.

Riverhead Raceway is committed to protecting its fans, sponsors, and media partners while continuing to grow the sport in a positive and respectful manner. All participants are expected to uphold this standard.

## Race Control, Race Procedures & Tap-Out Rule

Any questions or concerns regarding Race Control, officiating, or race procedures must be addressed prior to your event or at the conclusion of the night's events, and only at the Raceway Rear Office or the Raceway NASCAR Office.

Competitors may approach Raceway officials at those times to ask questions. All interactions must be conducted calmly, respectfully, and with dignity. Disrespectful or confrontational behavior toward Raceway officials will not be tolerated. Raceway staff will make every effort to answer questions and provide clarification.

## **Tap-Out Rule (On-Track Responsibility Option)**

Riverhead Raceway will institute a Tap-Out Rule to promote accountability, sportsmanship, and clean racing.

If a driver makes contact with another car resulting in a caution, and believes they were the cause of the incident, the driver may tap the roof of their car in the designated area located at the start-finish line to indicate acceptance of responsibility.

By tapping out:

- The affected car may be returned to the position it held prior to the incident
- The driver who taps out will restart at the rear of the field
- This option must be clearly indicated in the designated area immediately following the event that caused the caution. Failure to do so will result in the option being forfeited.

This rule allows drivers to take responsibility, reduce disputes, and maintain a respectful and professional racing environment. Race Control and Raceway management retain full discretion regarding the interpretation, application, and enforcement of this rule.

## **General Rules**

All rules are subject to change to ensure fair competition, safety, or any other reason deemed appropriate.

No equipment shall be considered approved by reason of having passed through inspection unobserved.

The promoter or Race Director has the right to reject the entry of any car or driver.

The consumption of alcoholic beverages on the racing premises or prior to entering the pits is strictly forbidden until all racing events have been completed. Anyone caught violating this rule is subject to suspension.

No driver, owner, or mechanic shall participate in fights in the motor pits or on Raceway premises at any time. At all race events, the driver assumes full responsibility for the actions of their pit crew in every aspect.

The track and/or division inspectors reserve the right to subject any car to inspection at any time.

Failure to submit to inspection will result in immediate disqualification, loss of money, and loss of all points for the night. The car will not be permitted to compete again until an inspection has been completed. Officials reserve the right to confiscate any unsafe or illegal equipment.

No driver may exit their race car or cross the racetrack while a race is in progress unless exceptional circumstances exist, such as fire or immediate danger.

Crew members are prohibited from entering the racetrack.

Anyone caught tampering with another competitor's car will be suspended indefinitely.

Anyone caught rough riding will be penalized at the discretion of the official in charge and may be subject to fines or further disciplinary action.

## Fuel

Riverhead Raceway has maintained a long-standing partnership with **Sunoco Race Fuels**, which is the **official fuel of Riverhead Raceway**. In support of this partnership, all competitors are required to purchase a minimum amount of Sunoco fuel per event. Fuel purchases will be **tracked through the scan program**, and we appreciate everyone's cooperation in helping us maintain this program.

- **NASCAR Weekly Series divisions: Minimum purchase of five (5) gallons per event.**
- **INEX divisions (Legends and Bandoleros): Minimum purchase of three (3) gallons per event.**

## Fluids

1. All divisions must have containers and drain pans to contain all fluids in the vehicle.
2. No antifreeze permitted at any time.

## In-Vehicle Radio Communications

All in-vehicle radios must be analog only and must not be capable of transmitting or receiving in a digitized, encrypted, or scrambled format, as determined by NASCAR.

Keypad-style and/or password-protected radios are not permitted.

Scanning and/or channel-hopping transmissions to or from the in-vehicle radio are prohibited.

All transmissions to and from the in-vehicle radio must operate within the 450.000–470.000 MHz range.

Only one NASCAR-approved two-way radio and one push-to-talk button are permitted in the vehicle. The radio may not contain the frequency of any other competitor at any time.

During all practice sessions, qualifying, and races, the spotter must maintain radio communication with the driver and must monitor the NASCAR frequency.

Spotters must remain in the designated spotter location (front stretch grandstands, left of the communications tower) during competition.

Driver-to-driver radio communication is prohibited.

Divisions permitted to use two-way communication:

- Modifieds
- Late Models
- Super Pro Trucks
- Riverhead Crate Modifieds
- Figure 8

The following divisions are required to monitor NASCAR by use of a Raceceiver or Lightceiver(Bandoleros) locked to the track frequency of 461.200 whenever on the racetrack. Two-way communication in any form is prohibited.

- Blunderbust
- INEX Legends
- Bandoleros
- Street Stock
- Mini Stock
- 4/6 Figure 8

## Licenses

All drivers must possess a valid NASCAR license. Anyone competing without a current license will be suspended indefinitely and may be subject to fines. Riverhead Raceway and/or NASCAR reserve the right to approve or reject any license application. A license may only be used by the individual to whom it is issued. Any member who allows another person to use or attempt to use their license will be subject to disciplinary action.



## 2026 Tire Infraction Policy

Revised Jan 11, 2026

Chemically treating or altering a tire is strictly **prohibited**. Tires may be inspected or sampled by track officials at any time during practice, qualifying, or feature events.

**Blue Ridge Race Lab** is the designated lab responsible for tire analysis.

- If tire samples fail to meet manufacturer benchmarks, the driver and car owner are responsible for **any fees associated with the analysis**, will be fined, and **disqualified from the event** with **0 points awarded**.
- Any purse money collected prior to official lab results must be **returned** if an infraction occurs.
- Failure to allow samples to be taken will result in the same penalties as a failed sample: **disqualification, 0 points**, and applicable fines.

### Fines by Division:

- Tour Type Modified: \$3,500 + any purse money collected
- Riverhead Crate Modified / Late Model / Figure 8: \$2,000 + any purse money collected
- All other support classes: \$1,000 + any purse money collected



All **Blue Ridge Race Lab results are official and final**. All fines must be paid **prior to returning to competition**. Riverhead Raceway maintains a **zero-tolerance policy** for chemical treatment or tire alteration.

### **Post-Race Tire Sample Challenge**

**Any competitor or car owner from a team participating in the same division event on that date may verbally request to challenge a specific Driver / Team Owner.**

**The request must be made to Riverhead Raceway official staff prior to the start of the feature event, and the required fee must be paid in full, in cash, before the feature begins.**

**The requesting competitor must specify the number of tires to be sampled and the exact location of each tire at the time of the request. A per-tire fee will apply.**

**Riverhead Raceway reserves the right to limit the number of tires sampled per car.**

**A competitor or team may challenge the same Driver/ Team Owner no more than two (2) times per race season.**

**A fee of \$195 per tire must be paid in full in cash before samples are taken.**

- **If a sampled car fails to meet Blue Ridge Lab benchmarks, the requesting competitor will be refunded the full fee.**
- **If a sampled car meets all benchmarks, the requesting competitor forfeits the fee.**

All post-race tire sample challenges are **subject to Riverhead Raceway and Blue Ridge Lab rules**, and **all lab results are final and binding**.



# 2026 **Weekly Tire** Policy

Revised Apr 19, 2026

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## Tire Bank Eligibility

*You MUST have a registered number to be eligible for a tire bank.*

- All teams in classes below will be considered "Tire Bank" divisions.
- As of opening night all tires used must be from your bank, even during practice. Any tires may be used for the 2 open practice days, as bank rules will not be enforced.
- All competitors will have the option to add (6) six **used** tires to their bank. Barcodes must be legible and tires scanned to bank before opening day's main events, at which time they will become property of the current team, who assumes responsibility for any and all penalties and/or infractions. If a team joins after opening day their used tires must be added to their bank that day.
- All tires purchased will be added to the competitor's bank on a weekly basis and may be used at any time during the course of the season except Modifieds who must race on qualifying tires (see below). Competitors must compete at all race events using tires from their bank. There is no weekly minimum purchase requirement. Teams may purchase up to the allotment specified for their division.
- Each team is responsible to make certain all tires have a scannable barcode. Unscannable tires will be considered illegal.

## Support Divisions

Riverhead Crate Modified and Late Models,

- Due to change in tire size, competitors listed in the above classes are eligible to purchase up to twelve (12) new tires to start the 2026 season. All 12 tires must be purchased by opening day. The car must be present and the driver's car number(s) must be registered with Riverhead Raceway. Any new team that joins us after the opening day of the 2026 season will be permitted to purchase 8 tires.
- Beginning week 2, teams will be eligible to purchase 1 tire earned on opening night and after each subsequent completed feature will be credited with 1 tire.



Riverhead Super Pro Trucks, Figure 8, Blunderbust & Street Stocks:

- All competitors listed in the above classes are eligible to purchase up to four (4) new tires to start the 2026 season. All 4 tires must be purchased prior to the opening day's main events. The car must be present and the driver's car number(s) must be registered with Riverhead Raceway. Any new team that joins us after the opening day of the 2026 season will be permitted to purchase 4 tires.
- Beginning week 2, teams will be eligible to purchase 1 tire earned on opening night and after each subsequent completed feature will be credited with 1 tire.

## **NASCAR Modifieds**

- All competitors listed in the above class are eligible to purchase up to eight (8) new tires to start the 2026 season. The car must be present and the driver's car number(s) must be registered with Riverhead Raceway. Any new team entering after opening day of the 2026 season will be permitted to purchase eight (8) tires.
- Beginning week 2, teams will be eligible to purchase up to 4 tires earned on opening night and after each subsequent completed feature will be credited with 4 tires.

### **Modified Heat Race and Feature Tire Tech**

- The 4 tires you use to qualify will be the same tires used for the feature event.
- These 4 qualifying tires must be placed together (not stacked but laid flat) in your pit area behind your car no later than the end of practice, where tech will check them in. We will not wait. If officials come by and they are not ready to be checked in, that team will start last in heat with no passing points.



## **Tire Credits**

- You MUST complete 50% of the feature event to receive a tire credit for the following race. If you fail to complete 50% of the feature event, you must be able to identify why you were unable to complete 50% of the feature event.
- Officials reserve the right to approve or deny tire credits at any time.
- Tire credits will not be held and do not accumulate. If you do not purchase your tire on your return visit, you lose it.

## **On Track Tire Incident**

- A tire credit can be awarded to a driver that has an on-track incident which caused a flat. If you are requesting tire credit, the flat tire must be brought to the official tech area immediately following the conclusion of your feature event. No exceptions! Tire credits will not be held. If you do not purchase your tire on your return visit, you lose it.
- NASCAR Modified team are not eligible for tire credits



## 2026 HANDICAPPING RULES AND REGULATIONS

### Handicap Check In

ALL drivers must check in with the handicapper before participating in any on track activities. If you arrive after the gates have already opened and the handicapper is no longer at the gate, you must go up to the handicapper shack to check in. If somehow you do not check in before the end of the first round of practice, you will be placed last in the heat race line up and will not be eligible for passing points.

A crew member is allowed to check in a driver.

### Heat Race

The heat race lineup will be set by random draw. Your draw number will be given to you at the time of check in.

Drivers will receive Finishing Points and Passing Points for heat races. These are for handicapping purposes only and **do not** count towards the championship points.

The sum of the Finishing Points and Passing Points will set the feature lineup.

The Ted Christopher Cup Series, the Eagle Chevrolet 50 Lap Crate Modified race, and the INEX Legends National Qualifier will be time trial events. Any other extra distance race, the typical heat race format will be followed.

### Heat Race Finishing Points

Finishing points will be awarded as follows:

Finishing Position	Finish Points Awarded
1st	13 Points
2nd	12 Points
3rd	11 Points
4th	9 Points
5th	8 Points
6th	7 Points
7th	6 Points
8th	5 Points
9th	4 Points
10th	3 Points

## Heat Race Passing Points

We will use a plus minus system. Any driver that gains position from where they start will get passing points. This is only from the starting position to the finish position. Repassing somebody does not count for passing points. If any driver loses a spot in the heat, they will get negative passing points. You will not be awarded passing points for lapping a car.

For Ex:

- Start 3<sup>rd</sup> and finished 1<sup>st</sup> you would have plus 2 points
- Start 3<sup>rd</sup> and finished 5<sup>th</sup> you would have minus 2 points

## Feature Winners

Previous feature winners will have a win penalty for the next 3 races after the win.

For divisions with 10 cars or less the previous winners CANNOT start higher than 4<sup>th</sup> for the next 3 races after the win.

For divisions with car count between 11-19, the previous winners CANNOT start higher than 6<sup>th</sup> for the next 3 races after the win.

For divisions with a car count of 20 or more cars the previous winner CANNOT start higher than 10<sup>th</sup> for the next 3 weekly races after the win.

## Feature Line Up

Feature Lineup will be set by the sum of Finishing Points and Passing Points. The sum will be called Total Points. The driver with the highest total points will be on the pole and so on. Please see the chart below for every scenario for how the Total Points will be calculated.

		Start									
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
Finish	1st	13	14	15	16	17	18	19	20	21	22
	2nd	11	12	13	14	15	16	17	18	19	20
	3rd	9	10	11	12	13	14	15	16	17	18
	4th	6	7	8	9	10	11	12	13	14	15
	5th	4	5	6	7	8	9	10	11	12	13
	6th	2	3	4	5	6	7	8	9	10	11
	7th	0	1	2	3	4	5	6	7	8	9
	8th	-2	-1	0	1	2	3	4	5	6	7
	9th	-4	-3	-2	-1	0	1	2	3	4	5
	10th	-6	-5	-4	-3	-2	-1	0	1	2	3

## **Dropping to the Rear**

In the event a driver elects the rear, they will not be eligible passing points and will only get finishing points.

If a driver elects the rear, we will cross-over the field; 2<sup>nd</sup> moves to 1<sup>st</sup>, 3<sup>rd</sup> moves to 2<sup>nd</sup> etc. These would be considered the new starting position. Drivers will not gain passing points for someone dropping to the rear.

Please let the handicapper know prior to going out on the track if you are going to be electing the rear for your heat race and or your feature event. This will help eliminate a delay in the start of the race by having to realign the field prior to taking the green.

## **DNS**

If you do not make the feature event, you must get teched out, meaning the tech department has determined your car is not suitable to race. In the event that you are teched out, you will receive last place in handicapping points (credited for being there for the event with the intention of participating in the feature event.)

## **Driver / Car Changes**

If a driver change is to take place, you must let the Handicapper know prior to any on track activity for said driver. If you make a driver change OR car change after a qualifying attempt, you will be placed last in the feature line up.

## **Penalties**

Avoidable contact penalties may result in a loss of passing points but absolutely not limited to that. Tech and the race director have the right to assess penalties. In severe instances you may be ineligible for passing points or placed last in the feature and/or consolation event.

## **Tiebreakers**

If two cars have the same Total Points, tiebreakers are in place to determine feature lineup.

1. Most cars passed in the heat (passing points) would start ahead of the other driver with the same amount of Total Points.
2. If both have the same amount of passing points, then it will be the best heat finish between the two.
3. If still tied it will be the driver highest in championship points.

For Opening Day and the Islip 300, where championship points are not in play, the 3<sup>rd</sup> tiebreaker would be the driver with the lowest draw number that day.

**Consolation race:** The winner of the consi and the one provisional will get the final two spots in the feature lineup. The provisional goes to the driver with the highest championship points. For opening night, we will take the top two from the consi since there is no championship points yet.

## **TOUR TYPE MODIFIEDS HANDICAPPING RULES (New for 2026)**

All Modified events will be time trial events.

**Time Trial Order:** The time trial order will be determined a random draw. Draw numbers will be provided upon handicap check in. Draw numbers will be listed chronologically lowest to highest which will set our time trial line up. The driver with the lowest draw number will take time first.

If you do not make it onto the track for your slotted qualifying spot, you may go out when you are ready but will receive a one lap penalty. If officials determine you are not making your best effort to go out in the order you were supposed to, you may be denied your one lap. You must make your best effort to be ready for qualifying.

If you miss qualifying, you may start the consi or feature but will be placed last in the line up.

**Pre-Race Tech:** There will be no pre-race tech for weekly shows. ONLY the Ted Christopher Cup race will have pre-race tech.

For Impounded events, if your car leaves the impound area after qualifying, you will be placed last in the feature line up.

For all other weekly time trial events where we will not be impounding cars, the top 5 in time must report the scales after time trials have concluded.

**Time Trial Handicapping:** At the end of time trials, the top 8 from time will be handicapped based on the last 3 weeks in points. From 9<sup>th</sup> on back will start straight up.

**If you qualify in the top 8 but have missed a race in the prior 3 races, you will be credited with 50 handicap points (a win) for each race missed in the last 3 races.**

For opening day, where handicap points have not accrued yet, the top 8 in time will start based on random draw. For race 2, the order of the top 8 will be determined by points from race 1. Race 3 will be determined by the total points from race 1 and 2. Race 4 is where we will begin using the prior 3 weeks to determine the top 8 in the feature line up.

The Ted Christopher Cup races are considered an open event. The 3 week handicap post qualifying for the top 8 will not be in effect. Championship points will be awarded for the finish of these races, therefore, it will affect your handicap for the next 3 races.



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Revised Mar 19, 2026

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### PERSONAL EQUIPMENT

1. All drivers must have a full-face Snell 2015 rated or better helmet in good condition.
2. No M rated helmets.
3. Fire suit gloves and shoes SFI rated 3.2A-1 or better mandatory.
4. AMB 260x, MyLaps Flex or MyLaps X2 transponder mounted a minimum of 12" behind the rear axle on the passenger side.

THE RIVERHEAD MODIFIED CRATE DIVISION WILL FOLLOW ALL RULES FOUND IN THE CURRENT NASCAR WHELEN MODIFIED TOUR RULEBOOK EXCEPT THE FOLLOWING RULES:



### **COMPETING MODELS**

1. Approved model bodies as per the NWMT Rule book

### **BATTERY**

1. Gel or Glass Mat type battery may be used.
2. Any battery used must be a 12-volt battery ONLY!
3. Battery must weigh a minimum of 17lbs.

### **BELLHOUSING**

1. Only a commercially manufactured magnetic steel bell housing may be used.
2. Bell housing must enclose the flywheel 360 degrees with a minimum 3/16" magnetic steel.
3. Any modifications to the bell housing must be done with 3/16" magnetic steel.
4. Commercially manufactured bell housings like Quartermaster #008110440, with a bolt on bottom cover may be used.

### **BODIES**

1. All body panels, except hood, must be made of aluminum or magnetic steel per NWMT rulebook.

### **BRAKE COMPONENTS**

1. Only single stage master cylinders are allowed.
2. Brake calipers with a maximum of 4 pistons are allowed.
3. Each brake caliper's pistons must all be of equal size.
4. Each brake caliper may not exceed a racer net price of \$265.
5. No floating rotors.



## CLUTCH/FLYWHEEL

### 10" Minimum Clutch

1. Stock OEM dimension steel flywheel for engine only. No aluminum flywheels permitted.
2. OEM type steel pressure plate and steel disc only.
3. Solid type disc only, no paddle or button type discs. Drilling or lightening of any part not permitted. Flat surface matching is allowed only on the face of the flywheel. Any cutting on the backside of the flywheel is not permitted.
4. Steel bolts only.
5. The following weights are the minimum for each part:
  - a. Flywheel only, no bolts – 14.5 lbs.
  - b. Pressure plate, cover and solid disc – 16 lbs.
  - c. Steel solid disc. No bolts, must weigh a minimum of 2.5 lbs. and a maximum of 3.8 lbs. after the combined weight has been determined.

### 7 ½" Clutch

1. Quartermaster part #298103ZZ or #298153ZZ are also approved for competition
2. Add 25 lbs. to base weight

## COIL OVER SHOCKS

1. FRONT: Pro Shocks #TA Series 5 only, valving optional
2. REAR: Pro Shocks #TA Series 7 only, valving optional

## ENGINE OIL

1. Any type of combustion enhancing oils or additives are strictly prohibited. Oil filters must be mounted in the stock location. No remote oil filters or oil cooler.
2. It is strongly recommended that you do not use the engine side panels.



### EXHAUST SYSTEM

1. The following part numbers are the only headers permitted. All headers must remain unaltered and exactly match the SMS factory sample headers.
2. Troyer Chassis – Kooks #SMS1033 or Flowrite #SMS 25
3. Raceworks Chassis – Kooks #SMS1033 or Flowrite #SMS 45
4. Chassis Dynamics Chassis- Kooks # SMS 1435 or Flowrite #Sms 35 d. SPAFCO Chassis - Flowrite # SMS 55
5. Flowrite Muffler #FR300 or Beyea Muffler #MUF3

### Riverhead Raceway Sealed 602

(Purchased and Sealed by Riverhead Raceway)

1. GM 602 Crate Engine will be used with a Holley 650 cfm, Part # 0-82651 carburetor and any 1" aluminum (only) spacer.
2. It is mandatory that ALL crate engines be purchased and sealed by Riverhead Raceway.
3. All engines must remain as delivered by General Motors including: harmonic balancer, distributor, valve covers, springs, rocker arms, seals, etc.
4. It is strictly forbidden to tamper with the factory and/or Riverhead Raceway seals in order to gain access to the internal workings of the engine.
5. Any competitor found tampering with factory and/or Riverhead Raceway seals to gain access to any internal component of the engine, and/or any engine found to contain parts not approved under this rule, will have the engine deemed illegal, will be disqualified from the event, will forfeit all track points, and will be issued a five-thousand-dollar (\$5,000) fine
6. These crate engines are considered to be non –rebuildable and non- repairable. In the event that an engine sustains internal damage or wear that requires removal of one or more seals, the engine is then said to have served its life and must be discarded and a new one obtained!



7. Riverhead Raceway reserves the right to inspect, test, verify, and evaluate any engine competing under this program at any time. This authority includes, but is not limited to, removal of the engine from the chassis, partial or complete disassembly, internal inspection, component measurement, and transporting the engine for independent inspection and/or engine dynamometer testing. Any inspection or testing deemed necessary by Riverhead Raceway Officials to ensure compliance with all engine rules may be conducted at the sole discretion of Riverhead Raceway.
8. Any sale of a crate engine has to take place with a Riverhead Raceway Tech Official present.

### Carburetor

1. Unaltered Holley 650 CFM, part number 0-82651 or 0-82651SA or 500 CF part number 4412 are the only legal carburetors.

### Butterflies

1. Idle holes may be drilled in the butterflies.
2. Screw ends may be cut even with the shaft, but the screw heads must remain standard.

### Carburetor Spacer/Gasket

1. The carburetor spacer must be a maximum of up to one inch thick. Any aluminum spacer is allowed.
2. No sandwich type or insulator type gaskets permitted. The maximum gasket thickness shall be .065



## Riverhead Raceway Open 602 – Option 2

### Engine Sealing, Approval, and Eligibility

1. All engines competing at Riverhead Raceway for participation in the Riverhead Crate Modified Division must be inspected by a Riverhead Raceway Official, approved for competition, and sealed with official Riverhead Raceway tags and seals. There are no exceptions.
2. Riverhead Raceway reserves the right to inspect, test, verify, and evaluate any engine competing under this program at any time. This authority includes, but is not limited to, removal of the engine from the chassis, partial or complete disassembly, internal inspection, component measurement, and transporting the engine for independent inspection and/or engine dynamometer testing. Any inspection or testing deemed necessary by Riverhead Raceway Officials to ensure compliance with all engine rules may be conducted at the sole discretion of Riverhead Raceway.
3. Any engine that is not approved and sealed by Riverhead Raceway is not eligible for participation in the Riverhead Crate Modified Division.
4. This program is classified as a GM Sealed Open Crate Engine Program. Participation in this division requires Riverhead Raceway approval.
5. All interpretations, inspections, approvals, and rulings regarding engine eligibility rest solely with Riverhead Raceway Technical Officials.

### Engine Specifications

1. Only GM Performance Factory Sealed 602 Circle Track Crate Engines are permitted.
2. The GM 602 factory sealed circle track crate engine, GM Part No. 88958602, superseded by GM Part No. 19258602, is the only engine permitted under this program.
3. All engines must remain exactly as delivered by General Motors, including all OEM components.



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No modifications, alterations, substitutions, or internal changes of any kind are permitted, unless specifically authorized by Riverhead Raceway

4. Engines may not be disassembled unless service or repair is required.

1. ■ Maximum overbore permitted: .030 inch

■ Maximum static compression ratio: 9.5:1

2. Approved GM 602 Engine Components

3. ■ Harmonic Balancer:

– 8" O.D., minimum 10.5 lbs

– GM #12555879

– Power Bond #PB-1046SS

4. ■ Rocker Arms:

– GM only

– GM #10089648

– Kit #12495490

5. ■ Valve Springs:

– GM #10212811-16

– Comp Cams #981-16

6. ■ Spring Retainers:

– Stock GM 602 only

– GM #10241744

– Kit #24503856

– Minimum weight: 15.5 grams

7. ■ Valve Locks:

– Stock GM only

– Minimum weight: 2.8 grams

### Carburetor

1. A Holley two-barrel model 4412 carburetor is mandatory.



2. Only Holley replacement or service parts may be used. Carburetors or carburetor components machined from billet materials are not permitted.
3. All parts must be Holley-manufactured components intended for the 4412 model. HP-series parts are not permitted.
4. Polishing, grinding, resizing, reshaping, drilling, plugging, or machining of any part or orifice is strictly prohibited.
5. The carburetor body, base plate, metering block, and fuel bowl must be standard Holley 4412 components.
6. All carburetors must pass standard pin and tooling gauge inspection during routine technical inspection.

### Carburetor Specifications

1. ■ Carburetor Body and Metering Block:
  - No polishing, grinding, reshaping, drilling, or plugging of holes permitted
2. ■ Choke:
  - May be removed
  - All screw holes must be permanently sealed
3. ■ Choke Horn:
  - Must remain intact
4. ■ Boosters:
  - Must remain stock
  - Size, shape, and height must not be altered
5. ■ Venturi:
  - Must remain unaltered
  - Casting ring must remain intact
6. ■ Air Alterations:
  - No modifications allowing additional air pickup below the venturi permitted
7. ■ Base Plate:
  - Must remain stock
8. ■ Butterflies:
  - Stock Holley 4412 or stainless Holley #346 permitted



- May not be thinned or tapered
  - Must maintain thickness .0438" to .0398"
  - Idle holes permitted
  - Screw ends may be cut flush
  - Screw heads must remain standard
9. ■ Throttle Shaft:
- Must remain stock
  - No thinning or cutting permitted

### Carburetor Spacer

1. Only one (1) piece spacer, maximum one (1) inch in thickness, may be installed between the intake and the carburetor.
2. The spacer must have two (2) holes that match the base of the carburetor. Holes must be cut perpendicular with the base of the carburetor. NO taper or bevels.

### Service, Repair, and Resealing

1. Any service work that requires the removal of one or more Riverhead Raceway seals for servicing purposes must be scheduled in advance, and the engine must be returned to Riverhead Raceway to be resealed prior to competition.
2. If a Riverhead Raceway-sealed engine is refreshed, repaired, serviced, or disassembled in any manner, the engine must be returned to the NASCAR Tech Area at Riverhead Raceway for inspection and resealing by Riverhead Raceway before it is permitted to compete.
3. Any engine that has had service work performed without being resealed by Riverhead Raceway will be considered not approved and not eligible for competition, regardless of the nature or extent of the work performed.



### Seal Tampering Penalty

1. Any competitor found tampering with factory and/or Riverhead Raceway seals to gain access to any internal component of the engine, and/or any engine found to contain parts not approved under this rule, will have the engine deemed illegal, will be disqualified from the event, will forfeit all track points, and will be issued a five-thousand-dollar (\$5,000) fine

### Ignition System

1. Stock ignition systems only that are supplied with the 602 Crate.
2. Distributor must remain unaltered.
3. Engine must retain stock firing order.
4. No traction control permitted.
5. An MSD #8727 CT or #8728 External RPM limiter with a maximum 6400-RPM chip is mandatory.
6. The violet wire must be cut back flush to the unit's housing.
7. The green and the white wires must run directly to the coil negative.
8. The MSD #8727 CT or the #8728 must be mounted on the engine side of the firewall in plain view.
9. RCM Officials may require the replacement of the 6400-RPM chip with an RMC supplied chip at any time during an event.
10. RPM limiters must be fully functional and operational at all times.

### FUEL CELL

1. Must meet NASCAR NWMT Specifications. It is highly recommended that the fuel cell bladder be no more than 6 years old.

### IDENTIFICATION AND MARKINGS

1. All numbers are assigned by the raceway office.



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2. One or two digit numbers only.
3. No letters permitted.
4. Officially issued numbers must be at least 18 inches high and neatly painted on both sides of the car, on the center of the door.
5. The number must also be painted on the front, rear, and roof of the car.
6. Car make must be painted on the roof directly over the front windshield.
7. The driver's name must be painted on the car roof over the door on the right side.
8. Silver or gold foil decals are not permitted.

### **INTERIOR/FIREWALL SHEET METAL**

1. Interior and firewall MUST be magnetic steel per NWMT Rulebook.

### **REAR END**

1. A standard weight/manufactured 10" quick-change.
2. Ultra-light or lightweight rear ends or components are not permitted.
3. Aluminum spools and magnesium bells allowed
4. Driveshaft must be magnetic steel.
5. No straight rear ends allowed
6. Axles must weigh 7 lbs or more

### **TRANSMISSION**

1. Only OEM production 3 or 4 speed transmissions allowed. No top loaders. Gear ratio must be stock OEM production.
2. Only stock OEM factory housings allowed.
3. Only OEM type, steel angle cut forward gears are allowed. Square cut gears are not allowed.
4. Removal of first gear or replacement of first gear with a metal spacer, in a 4-speed transmission is allowed. All other forward and reverse gears must be in working order and they must be operational from the inside of the driver compartment. All



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transmission gears must have a constant engagement of the input shaft with gear and countershaft with cluster gears.

5. Five speed transmissions with gears removed are not allowed.
6. Quick change transmissions are not allowed.
7. Automatic or semi-automatic transmission are not allowed.
8. Machining or lightening of any internal rotating or non-rotating part(s) including gears, shaft, etc. not allowed.

### **WATER PUMP/ALTERNATOR**

1. Any serpentine, cog, or v-belt pulley system allowed.

### **WHEELS**

1. Eight (8) inch or ten (10) inch rims permitted.
2. Steel wheels only.
3. The maximum allowable tread width, measured from the outermost part of the tire, both front and rear, shall be 84 inches.
4. Length of wheelbase shall be 107" inches.

### **TIRES**

1. Hoosier 10" tire ST1 left, F45\* right
2. See tire Policy.

### **WINDSHIELD**

1. Windshield must be NASCAR flat type and material per NWMT Rulebook.



## WEIGHT

### Riverhead Raceway Sealed 602 OPTION #1

1. Cars must weigh a minimum of 2,575 lbs. with a 10" clutch or 2,600 lbs. with a 7½" clutch, with the driver and race gear after the race. No fluids may be added.
2. A time trial or impound race will require all cars to weigh 30 lbs. more when presenting the car for pre-tech. 2,605 lbs. is the minimum pre-tech weight for a time trial or impound race.

### Riverhead Raceway Open 602 OPTION #2

1. Cars must weigh 2,645 lbs. with a 10" clutch or 25 lbs. more with a 7½" clutch, with the driver and race gear after the race. No fluids may be added.
2. A time trial or impound race will require all cars to weigh 30 lbs. more than their presented weight for pre-tech. 2,675 lbs. is the minimum pre-tech weight for all time trial weights.

Maximum left-side weight is 56%.

Added weight must be solid steel or solid lead only, in pieces of no less than 5 lbs. All added weight must be painted white with the car number in black, and must be securely bolted to the frame rail only.

The base weight of the vehicle must be displayed on the right side of the hood in a contrasting color, with numbers at least 2" tall.