



## 2019 Pro Mod Rules

### **DISCLAIMER:**

The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events, and, by participating in these events, all participants are deemed to have complied with these rules. ***No expressed or implied warranty of safety shall result from the publication of or compliance with these rules and/or regulations.*** They are intended as a guide for the conduct of the sport and in no way a guarantee against injury or death to a participant, spectator, or official.

The race director shall be empowered to permit reasonable and appropriate deviation from any of the specifications herein or impose any further restrictions that in his opinion do not alter the minimum acceptable requirements. ***No expressed or implied warranty of safety shall result from such alterations of specifications.*** Any interpretation or deviation of these rules is left to the discretion of the officials. Their decision is final.

On occasion when situations arise that are not covered by written rules, special rulings may be put into effect by the Series of Track Officials. Once such rulings are acted upon, they *may* be added to the existing rules and/or procedures.

### **Contact Info:**

RUSH Racing Series Directors: Vicki Emig (724) 674-6100/Cell & Mike Leone (724) 967-2363/Cell  
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E-mail: [info@rushracingseries.com](mailto:info@rushracingseries.com)

Travis Harry (Competition Director): 814-676-9997 or 814-758-5737 (after 5 PM).  
E-mail: [travisharry1123@gmail.com](mailto:travisharry1123@gmail.com)

**The following specifications shall be considered the "Official Rules and Specifications" for all events sanctioned by the RUSH Pro Mod Series.**

**RUSH Pro Mod Weekly Series events will fall under individual track procedural rules.**



## **Pro Mod Championship Series**

**"Weekly Series Championship"**: Must be a Weekly member to be eligible for points and point fund monies. Drivers can compete at any RUSH-sanctioned event and accumulate points. Drivers best 12 point scores will be utilized.

**Weekly Series Point Fund (\$15,050)**: 1. \$3,500 2. \$2,000 3. \$1,200 4. \$1,000 5. \$900 6. \$800 7. \$700 8. \$600 9. \$500 10. \$400 11. \$390 12. \$380 13. \$370 14. \$360 15. \$350 16. \$340 17. \$330 18. \$320 19. \$310 20. \$300

**"Futures Cup"** (\$300 to-win, \$200 for second, \$100 for third): Must be a Weekly member, not be older than 19 years of age, and not be a prior "Futures Cup" Champion to be eligible for points and point fund monies. Those 18 & 19 cannot have more than 1 prior season of E-Mod, Econo Mod or Crate Late Model experience (8 or more events = 1 season). No headlining division experience permitted. Those under 16 should verify eligibility to race at each individual track. Points are based off Weekly Series Championship plus the addition of possible stand-alone TBA event(s).

**Point System**: The following system will be utilized for all of the above programs: 1. 100 2. 98 3. 96 4. 94 5. 92 6. 90 7. 89 8. 88 9. 87 10. 86 11. 85 12. 84 13. 83 14. 82 15. 81 16. 80 17. 79 18. 78 19. 77 20. 76 21. 75 22. 74 23. 73 24. 72 25 & any other starter 71. Drivers attempting to race, but not starting the feature will receive 70 show-up points. Note: Excluding the Touring Series, at each event drivers will receive a car count bonus of 12 points provided there are 12 or more cars signed in. If there are less than 12 cars, the car count bonus will be based on number of competing cars signed in.

*Postponed feature events will revert back to the weekend they were initially scheduled for with the exception of an event that has been pushed to the following year.*

**Membership Fees**: \$125 to become a Weekly Series Member. MUST be a member to be eligible for above programs and \$100,000 excess participant accident insurance. Policy period is 1/1/19-1/1/20; however, coverage does not begin until membership is completed and paid. RUSH insurance benefits will cover the member driver after the tracks participant accident limit and driver's individual health insurance benefits are exhausted, but only at RUSH-sanctioned events.

POINTS ARE NOT RETROACTIVE. YOUR POINTS WILL NOT COUNT UNTIL MEMBERSHIP IS COMPLETED & PAID! Drivers that do not wish to become RUSH members, MUST complete the Non-Member Registration. RUSH reserves the right to decline a membership or revoke a membership at any time.

**Awards Banquet/Point Funds/Tie-Breakers**: A RUSH Racing Series Awards Banquet will be held at the conclusion of the season (mid to late January). Drivers/Car Owners are expected to attend or have a pre-determined representative to accept awards. Unclaimed payoffs and awards will be mailed at a later date.

*In the event of a tie for any of the above championships, tiebreaker will be determined by the driver with the most wins (high point scores) followed by most second place finishes, etc. until the tie is broken. If a tie happens in any other position, the tie will remain with point fund monies added up between the tied positions and split equally.*

### **AGE REQUIREMENTS:**

Age requirements vary by speedway. It is the team's responsibility to verify eligibility regardless if it's a Touring Series or Weekly Series event.

## **PAYOUT:**

While the RUSH Series makes every effort to sanction and/or schedule events at reputable facilities, and has never had any problems with purse payouts to competitors, please be aware that RUSH cannot be responsible in the event that a promoter fails to make purse payments, or pays with checks which are later found to be not negotiable. This notice includes the possible situation where a promoter might pay the full purse to RUSH with a check that is later to be insufficient. RUSH will not pay purse payments until promoter's check clears. When speedway and/or promoter's check clears, RUSH will then guarantee proper purse payments, subject only to resolution of protests, or technical infractions.

RUSH Series Officials reserve the right to hold payoff(s) of driver(s) selected for technical inspection(s). Payoffs will only be released to 1099 recipient(s) of selected driver(s) upon final technical inspection results and/or appeal process providing said inspection complies with RUSH Technical Rules. In the event selected driver(s) technical inspection results does not comply with RUSH Technical Rules and appeals process has been exhausted, said payoff will be adjusted and distributed to other competing racers.

RUSH Series Officials also reserves the right to withhold a driver's payoffs in the event said driver has a debt to the Series.

RUSH will mail the person or corporation designated on the membership form any purse or point fund payoffs. In the event of a car owner change, a new membership form must be completed. In the event of a car owner change midseason, point fund payoffs would be prorated based on performance (based on the program's specs, i.e. best 12 finishes) in all point funds other than Touring, which has a separate driver/owner point fund. A Form 1099 MISC by January 31 of the following year will be sent to the person or corporation that earned a minimum of \$600.00 during the year for any monies paid by Great Crate Racing Northeast, LLC D/B/A RUSH Racing Series, as required by the IRS.

## **SERIES' SPONSOR PRODUCT CONTINGENCIES AND DECALS:**

The RUSH Pro Mod Series decal is required on both sides of the car. Sponsor decal package/logos link for body graphics usage is located at the bottom of the website sponsor page.

Required RUSH Series sponsor decals must be displayed prominently on both sides of the car at all events. Your car may be checked for decals at any time.

Certain product manufacturers award contingency product and/or money. The awards are dependent upon the manufacturers decal being displayed on the racecar. To be eligible to receive the award from the manufacturers concerned, it is your responsibility to ensure that the correct decal is affixed to your racecar.

Please be aware that the Series' has no responsibility to pay the award, but only to provide the participant with the certificate previously agreed upon and contracted with the Manufacturer.

Contingency prizes will be awarded to the car owner of record. It is the responsibility of the participant to redeem contingency prize certificates and/or product by expiration date on certificate. Series will not be responsible for delivery and/or transportation of contingency prizes that were not available for pick-up on event date.

Keep in mind that sponsors only put money into the Series to gain exposure for their products; no exposure will eventually mean no money and smaller championship programs.

RUSH Racing Series Officials may refuse to allow a participant to compete in an event if it is determined at their discretion that any advertising and/or sponsorship or similar agreement is **detrimental** to the sport, the RUSH Racing Series, or the event promoter for any reason, including the image of the sport.

## **CONDUCT:**

1. **General** - All drivers crew chief, car owner, crew member and/or team representative agree to act in a professional manner as determined by RUSH Officials. The professional manner includes, but is not limited to verbal representation, written representation, any representation that may represent the RUSH Racing Series, sport of Late Model racing and/or motorsports in general and/or any affiliates. Verbal abuse may result in an immediate disqualification from the event. Repeated violation(s) may also warrant fine and/or suspension.
2. While we recognize your right to express opinions, good or bad, on social media, drivers and crew members should be advised that threats against officials, other drivers or crew members will not be tolerated. Any action by a driver or crew which appears to be the execution of a threat will result in penalties via suspensions and/or fines against the driver and/or car owner. The driver or car owner will be held responsible for the actions or members of his or her crew.
3. Any driver/owner that disparages RUSH in any publication (including messages boards, social media, etc.) may be suspended for a minimum of one event and/or fined.
4. All drivers must arrive at Series races in a timely manner so that they may participate in the entirety of the racing event.
5. No driver will be permitted to compete and/or participate while under the influence of any alcoholic beverages and/or illegal substances. If a driver is found to be participating in such a manner, an immediate suspension will be invoked.
6. Any driver, during an event; a competitor, crew chief, car owner, crew member and/or team representative may be requested to report to the RUSH Command Center for consultation with RUSH officials. The request may be communicated over the one-way radio and/or verbally. Failure to comply with the request will be subject to fine and/or suspension and/or any other action deemed appropriate by RUSH Officials.

The RUSH Racing Series is a professional organization and will conduct itself so in its dealings with everyone, including fans, drivers, team members, Series sponsors, team Sponsors, tracks and the media. The Series therefore expects the same from its drivers, team members and team sponsors. The Series organizers and officials therefore reserve the right to take disciplinary action against anyone who brings the Series into disrepute by their actions, either on or off the track.

In the event of any felony conviction of a driver, team member or team sponsor, the disciplinary action shall be a minimum one-year ban from the Series, beginning with the date of the conviction, or, the date of the completion of any incarceration subsequent to said conviction, whichever date shall last occur.

Disciplinary action may also include, but is not limited to, the right of the Series organizers and officials to suspend either temporarily, or permanently, any driver, team member or team sponsor whose actions, in the sole opinion and discretion of the Series organizers and officials, may have resulted in, or may result in, harm or detriment to the RUSH Racing Series events.

The Series organizers and officials also reserve the right to request the removal of any derogatory or distasteful statements on any racecar or hauler. Failure to comply with this request for removal may result in disqualification from some or all of the RUSH Racing Series events.

Participants grant and assign to RUSH Racing Series, its affiliates and RUSH Racing Series Sponsors the non-exclusive rights and authority to use my image and likeness, including my name, nickname, initials, picture, photograph, animation, persona, autograph/signature (including facsimiles thereof), voice, biographical information, and/or any and all other identifying characteristics, including the image of my vehicle, whether portrayed in still or action pictures, drawings, or other artistic renderings, in connection with my participation in RUSH Racing Series Events and for any and all uses or purposes that publicize and promote RUSH Racing Series or any of its affiliates in any way in any and all media or formats.

## **ENVIRONMENTAL WARNING:**

1. **Any driver or crewmember** found to be altering, by means of contaminating the racing surface or pit area or racing entrances and/or staging or technical inspection areas or **ANY** part of the event grounds or properties and nearby driveways will be **disqualified**. The local authorities and/or agencies may be notified and the violator(s) and their information may be turned over to these authorities at that time.
2. **No race cars or vehicles** including, but not limited to **race trailers, or support vehicles or trailers** will be allowed to carry or conceal, in marked, unmarked or using any form of misrepresentation of jugs or bottles or carrying devices of any type (with concerns to chemicals), for the purpose of altering, conditioning or changing a tire's baseline settings (from its original factory set baseline settings) will be allowed in or around the/any RUSH Series Event/s. All local authorities and applicable agencies may be called and the violators and their information will be turned over to these authorities at that time.

## **TECHNICAL RULES & REGULATIONS**

It is ultimately the obligation of each participant to ensure that their conduct and equipment complies with all of the applicable rules, as they may be amended from time to time; any amendments supersede any previous rules regarding any technical and/or aspect. An amendment is effective upon the date of the publication of the amendment regardless of when a competitor receives the actual notice.

Any new components, including engine components, suspension components, body designs, frame designs and/or components of any type utilized in competition must be approved by RUSH Officials prior to being introduced into competition.

### **ENGINE:**

1. GM part number [19370602](#), 19258602 or 88958602 & GM part number 19318604 or 88958604.
2. All engines are to remain sealed from the factory. These engines are sealed at the intake manifold, cylinder heads, front cover, and oil pan with special GM twist-off bolts or cap seals. The original factory seals (bolt type or cap seals) must remain unaltered. Tampering, removal, or modifications of any type and/or broken factory seals, bolt type or cap seals type, will not be permitted and will result in an immediate disqualification from the event (loss of points and money). The engine may be impounded immediately for further inspection.
3. The exception to this will only be if a repair or rebuild is required. The repair/rebuild must be authorized by the RUSH Racing Series and/or Crate USA, at which time the engine may be repaired or possibly rebuilt per the guidelines set forth in the GM Technical Manual #88958668.
4. In the event of a repair or rebuild only a RUSH Authorized rebuild facility may install permitted RUSH seal tags on engine. RUSH and Crate USA Generation III (yellow) & Generation IV (green) allowed. **NO RM bolts, FASTRAK, NDRA, DIRTcar (red or blue), Crate USA Generation I (silver) or Crate USA Generation II (blue) seals permitted.** For any other sealing system, contact RUSH for approval. Crate engines must not be altered, modified, or changed from factory specs.
5. Engines "must" be sealed in all of the above stated locations with either the "original" GM twist off bolt heads or cap seals, RUSH seal tags, or a combination of the "original" GM twist off bolts or cap seals and/or RUSH seal tags.
6. The sealed engines must remain intact and not be tampered with; **any seals** that have been tampered with, removed, or modified, and/or broken will make the engine illegal and will result in an immediate disqualification from the event (loss of points and money). The engine may be impounded immediately for further inspection. Modifying any internal engine parts or changing the parts from stock as delivered sealed from the factory will result in disqualification for the night's event (loss of points and money), loss of all Series points to date in the division the infraction occurred in, suspended from all RUSH-sanctioned Series competition for 365 days, fined \$1,000, and an indefinite probation.

7. In the event a repair must be made to an engine scheduled to compete in consecutive RUSH-sanctioned events or if RUSH seals cannot be obtained in time for competition in a single event, engine owner and or competitor "must" have authorized RUSH engine rebuilder of their choice contact RUSH Series Directors to receive permission and instructions on obtaining "approved" temporary seals in order for engine to compete. RUSH Competition Director can also install "approved" temporary seals in this situation. Temporary seals will "only" be permitted on repaired engines for events that are designated by RUSH Series Directors. Note: Once temporary seals are removed from engine, they must be immediately returned to the RUSH Racing Series Office.
8. The permitted crate engines must not be altered, modified, or changed from the GM specifications set forth in the GM Technical Manual #88958668; no changes are allowed to the engine- intake manifold, heads, valve covers, front cover, oil pan, harmonic balancer, or any other part or parts on or in the engine.
9. After much research it has been determined in some cases that original factory cylinder heads and valve springs do not meet the required correct install height. To correct this, shimming will be allowed to meet the correct install heights listed in the chart below. These updates will be published in a forthcoming version of the GM Technical/ Specification Manual.

| <b>Valve Spring Specifications – New</b>              |     |                 |                 |                 |
|---|-----|-----------------|-----------------|-----------------|
| <b>Description</b>                                    |     | <b>88958602</b> | <b>88958603</b> | <b>88958604</b> |
| <b>Valve Spring P/N</b>                               |     | <b>10212811</b> | <b>12551483</b> | <b>12551483</b> |
| <b>Valve Spring P/N -set of 16</b>                    |     | <b>n/a</b>      | <b>12495494</b> | <b>12495494</b> |
| <b>Diameter (+/- .010")</b>                           | (A) | <b>1.250"</b>   | <b>1.340"</b>   | <b>1.340"</b>   |
| <b>Free Height (+/- .015")</b>                        | (B) | <b>2.021"</b>   | <b>2.154"</b>   | <b>2.154"</b>   |
| <b>Installed Height (Ok to shim to proper height)</b> | (C) | <b>1.70"</b>    | <b>1.780"</b>   | <b>1.780"</b>   |
| <b>Pressure @ Installed Height (+/- 5 lbs)</b>        | (D) | <b>80 lbs.</b>  | <b>110 lbs.</b> | <b>110 lbs.</b> |
| <b>Open Height</b>                                    | (E) | <b>1.270"</b>   | <b>1.300"</b>   | <b>1.300"</b>   |
| <b>Open Pressure (+/- 10 lbs)</b>                     | (F) | <b>195 lbs</b>  | <b>270 lbs.</b> | <b>270 lbs.</b> |
| <b>Coil Bind</b>                                      | (G) | <b>1.20"</b>    | <b>1.21"</b>    | <b>1.21"</b>    |
| <b>Wire Diameter</b>                                  |     | <b>.177"</b>    | <b>.178"</b>    | <b>.178"</b>    |

#### 10. New Beehive (blue) Valve Springs:

| <b>Valve Spring Specifications – New (Blue) Beehive Valve Spring</b> |               |                 |
|--|---------------|-----------------|
| <b>Description</b>   | <b>Engine</b> | <b>19318604</b> |
| <b>Fast Burn Cylinder Head</b>                                       |               | <b>19300955</b> |
| <b>Valve Spring P/N -16</b>  |               | <b>12625033</b> |
| <b>Valve Spring P/N –Retro Conversion Kit</b>                        |               | <b>19300952</b> |
| <b>Diameter Top (+/- .008")</b>                                      |               | <b>1.060"</b>   |
| <b>Diameter Bottom (+/- .008")</b>                                   |               | <b>1.270"</b>   |
| <b>Free Height (+/- .015")</b>                                       |               | <b>2.122"</b>   |
| <b>Installed Height (Ok to shim to proper height)</b>                |               | <b>1.780"</b>   |
| <b>Pressure @ Installed Height (+/- 5 lbs)</b>                       |               | <b>98 lbs.</b>  |
| <b>Open Height</b>   |               | <b>1.300"</b>   |
| <b>Open Pressure (+/- 13 lbs)</b>                                    |               | <b>264 lbs.</b> |
| <b>Coil Bind</b>   |               | <b>1.210"</b>   |
| <b>Wire Diameter</b>   |               | <b>Ovate</b>    |

11. No vacuum pumps.
12. Engine's GM serial number and when applicable Crate USA build certification number must be clearly visible to Series' or track technical inspectors.
13. RUSH Racing Series Officials reserve the right to inspect, exchange and/or confiscate any GM Crate engine, or other specified engine component. Refusal to surrender an engine or other engine part for inspection, exchange or confiscation, will result in disqualification for the night's event (loss of points and money), loss of all Series points to date in the division the infraction occurred in, suspension from all RUSH-sanctioned Series competition for 365 days, fined \$1,000, and an indefinite probation; penalties apply to both driver and car owner.
14. ANY VIOLATION OF THE ENGINE RULES AND/OR FACTORY SPECS INSIDE THE SEALING SYSTEM OF THE ENGINE WILL result in disqualification for the night's event (loss of points and money), loss of all Series points to date in the division the infraction occurred in, suspension from all RUSH-sanctioned Series competition for 365 days, fined \$1,000, and an indefinite probation; penalties apply to both driver and car owner.

After the suspension period, the driver and/or car owner can only compete in Series events with an engine equipped with original factory GM sealing bolts or cap seals, RUSH, and/or permitted Crate USA seals.

For subsequent violations in regard to any illegal modification to any GM Performance Parts Crate Engine, an indefinite suspension may be issued.

15. Any violation of the engine rules and/or factory specs outside the original GM twist off bolt heads or cap seals and/or permitted Series seal tags on the engine will result in the driver and car being disqualified from that event (loss of points and money). Multiple infractions outside the sealing system will result in the penalties stated in the "Multiple Infractions" section of the rules.

#### **ENGINE SETBACK:**

1. Rear of engine, bell housing mounting flange surface, must be mounted at least 72" forward from the centerline of the rear axle. The engine offset must remain within two ("2") of the centerline of the cross member. The minimum engine height when measured from the ground to the center of the crankshaft is 11".

#### **ENGINE PROTESTS/SELECTION:**

1. Any RUSH-sanctioned race track and/or RUSH Series Director(s) are authorized to call for an engine inspection or tear down *at any time*. Tear down and inspection will be performed by RUSH Tech/Competition Director. If this happens, Track/Series will remove engine at race track and impound until inspection day can be arranged for all parties involved. (See paragraph number five for procedures if selected car is to race in successive events.)
2. The protest fee for a complete teardown of an engine that finishes the A main in the top five is \$2,000, and must be made by a driver/owner that finishes in the top five. \$300 of protest fee will go to Series or Track and the remaining \$1,700 will go to the winner of the protest.
3. The protest fee for a partial teardown of an engine that finishes the A main in the top five is \$1,500, and must be made by a driver/owner that finishes in the top five. \$300 of protest fee will go to Series or Track and the remaining \$1,200 will go to the winner of the protest. A partial teardown will include the following: cam profiled along with the timing components, lifters, and cylinder heads verified.
4. Protest and fee in cash must be made to a RUSH Tech Inspector, Race Director, or Track Tech Inspector within 15 minutes of the checkered flag of the feature. Protest cannot be withdrawn once it has been declared.
5. At any time an engine is protested and driver/car owner accepts protests and agrees to tear down, the engine being protested must be removed immediately and impounded by Series/Track. Protested engine will be sealed by RUSH Official or person(s) appointed by RUSH to insure that it has not been tampered with, and to verify engine's identity. Any refusal to permit engine confiscation will result in disqualification for the night's event (loss of points and money),

loss of all Series points to date in the division the infraction occurred in, suspension from all RUSH-sanctioned Series competition for 365 days, fined \$1,000, and an indefinite probation; penalties apply to both driver and car owner.

6. *If the protested car wishes to race in successive RUSH-sanctioned events within 72 hours (three days) the following will apply ONLY at the discretion of RUSH:* RUSH Series Officials reserve the right and also grants the right to RUSH-sanctioned speedway tech officials to seal or otherwise identify the protested engine to allow the car to compete in successive events within 72 hours (three days). Further postponement of tear-down will be at the discretion of RUSH Directors/Officials. The driver and/or owner has the option whether to surrender the engine on the night it's protested or have it identified and retained for the successive races. However, if the driver chooses to compete with the engine after its selection for tear down, and that engine is found to be out of compliance with RUSH Technical/Engine rules, the driver will be disqualified from all races entered after the engine was protested, in addition to the race when engine was protested. RUSH *may* assess penalties for each race in which the selected engine was used after its selection, if it is found to be illegal. If the engine is found to comply with all applicable rules, then driver/owner will be awarded all money and points earned for each event.
7. At this time, the feature finish will be frozen until inspection is complete. In the event of a disqualification, finishing position, points and monies would be adjusted accordingly.
8. Failure and/or refusal to tear down an engine and/or for your race car to be inspected by Series at any time will result in disqualification for the night's event (loss of points and money), loss of all Series points to date in the division the infraction occurred in, suspension from all RUSH-sanctioned Series competition for 365 days, fined \$1,000, and an indefinite probation; penalties apply to both driver and car owner.
9. Inspection location will most likely be at RUSH office/garage located at 4368 Route 422, Pulaski, PA 16143. Although other inspection locations could be selected. There will be no dispute over RUSH Official's choice of location.
10. Driver and/or car owner and one other representative of the team will be allowed in the tech area during the engine teardown. Only one representative from the team protesting the engine will be allowed in the tech area during the engine teardown. Additional attendees must be approved by RUSH pursuant to a written request. Protestor and protested driver and/or car owner along with the confiscated sealed engine and/or parts must be present at predetermined location. All parties must remain present during the entire teching procedure.
11. Note: All removed original GM bolts or cap seals, RUSH and/or CUSA Seals must be returned immediately to the RUSH Office.
12. Engine infractions "within the bolts" will result in disqualification for the night's event (loss of points and money), loss of all Series points to date in the division the infraction occurred in, suspension from all RUSH-sanctioned Series competition for 365 days, fined \$1,000, and an indefinite probation; penalties apply to both driver and car owner.
13. In the event that the series confiscates engine, for inspection, and said engine is found to be legal, and comply with the all the rules, the "Series" will provide a full GM gasket set, and the seals to reassemble engine at no charge to the authorized rebuilder and engine owner. If engine is protested by another racer for inspection, the engine owner is responsible for all expenses required for reassembly.

#### **CARBURETOR:**

1. One four-barrel carburetor only. The 604 and 602 Chevrolet Performance Circle Track engines perform best with a quality 650 CFM Carburetor. Any 750 CFM or smaller carburetor allowed; must have 1 11/16" base plate maximum.
2. All carburetors in competition must retain conventional style floats along with needles and seats. Maximum allowed fuel pressure is 12 psi.
3. All carburetors must have conventional Holley-style straight or down leg boosters; no exceptions.
4. Holley 26-342 float bowl vent tube check valves are highly recommended, and will be mandated effective January 1, 2020.

5. Engine must be naturally aspirated.
6. **604** - May use one carburetor spacer (1" - one piece with 0.040" tolerance maximum) and two standard paper gaskets (maximum 0.070" thick), one gasket between intake to spacer and one gasket between spacer to carburetor.
7. **602** - May use one carburetor spacer (2" - one piece with 0.040" tolerance maximum) and two standard paper gaskets (maximum 0.070" thick), one gasket between intake spacer and one gasket between spacer to carburetor.
8. Pipe plugs must remain in manifold heat crossover port on GM 602 crate engines.

#### **EXHAUST:**

1. Collector-type headers required. Must have four (4) tubes into one (1) collector of a consistent diameter.
2. NO tri-y headers, merged headers, or square-tube headers allowed.
3. Headers may dump outside of engine or rear of engine and must not point directly to the ground.
4. Mufflers not required unless track mandates. *When mandated, mufflers must have some type of internal noise dampening characteristics, baffles, extruded holes, screen, chambered, etc.* Mufflers must be securely attached. *Mufflers must meet local speedway's noise decibel requirements. External mufflers only.*

#### **DISTRIBUTOR/IGNITION:**

1. Any electronic distributor-type ignition system. NO crank trigger, distributor less multi-coil, or magneto ignition system. **(Option: GM HEI-style, any brand MSD 8365 permitted.)** No programmable ignition box. Only one ignition box permitted. Dual pickup distributor permitted; only one pickup in distributor can be utilized.
2. Competitor may be asked for electronic ignition at any time to be sent for testing and inspection. Failure to relinquish electronic ignition will result in disqualification and "refusal of tech" penalties.

#### **BATTERY/STARTER:**

1. Battery must be securely mounted, shielded, and fastened with positive fasteners and brackets across the top. Battery must not be mounted inside the driver's compartment.
2. The battery terminals must be insulated and enclosed with a non-conductive material that will prevent contact with any part of the race car should the battery become dislodged from the battery mount.
3. All battery supports and/or mounts must be secure and braced in two (2) horizontal positions and one (1) vertical position.
4. No lithium batteries.
5. One (1) mandatory battery disconnect switch must be installed on the rear deck, behind the driver seat, in a location that is easily accessible from the "outside" of the race car. The switch must be clearly labeled with off/on direction. The switch must be directly in-line with the NEGATIVE battery cable and be capable of completely disconnecting the NEGATIVE terminal of the battery from the race car. Negative or "ground" wiring connections must not be made anywhere from the battery negative terminal to the input side of the disconnect switch.
6. All cars must have a starter in working order

#### **FUEL/FUEL CELL/FUEL PUMP:**

1. All cars must have fuel cells that meet and/or exceed FT3 or SFI 28.3 specifications. The fuel cell must not exceed a 32-gallon capacity.

2. Fuel cells must be enclosed completely in a steel container, and mounted behind the rear axle, and must also be protected in rear by roll cage tubing mounted securely to the frame or rear bumper. Fuel cell may not be lower than protective tubing. Fuel cell must be completely visible.
3. All fuel cells must be mounted securely to the frame, behind the rear axle between the rear tires, and a minimum of 4" ahead of the rear bumper, using a minimum of two bars around the top, bottom, and sides of the fuel cell. The fuel cell must be mounted with a minimum of two (2) .125" inch thick, 2" minimum width steel straps. Straps must fully encircle the fuel cell. Fuel cells that are mounted in a square tubing frame will be permitted. A minimum of 7/16"-inch ASTM Grade 8 bolts must be used to mount the fuel cell to the frame.
4. No part of fuel cell should be lower than the protective tubing. Protective tubing should extend no wider than 6 inches on both sides of fuel cell.
5. The fuel pickup must be positioned on the top of the fuel cell, and be constructed of steel. The fuel pick-up must have a check valve, and bladders are highly recommended. Bottom feed or vertical side pickups are not permitted. The fuel pickup must have a check valve. Pickups on vertical sides prohibited.
6. For the purpose of inspection, the drive and/or crew must be prepared to drain fuel upon request for inspection and/or measurement.
7. RUSH 91 pump fuel is the only permitted fuel. **It is the racers' responsibility to know what he or she is putting in the fuel cell.**
8. Series reserves the right to check fuel anytime. Three samples will be taken by RUSH or Track Official. Each sample will be identified as sample #1, sample #2, and sample #3. Sample #1 will be retained by Series and sent to lab; sample #2 will be given to selected fuel's driver/owner; and sample #3 will be retained by Series to be utilized as a tie-breaker in the event any issues may occur with samples #1 & #2. In the event driver/owner chooses to send sample #2 to be analyzed, RUSH must approve selected lab. Fuel samples not conforming to RUSH Pro Modified Series Fuel rule will be deemed illegal.
9. Series Officials may amend the fuel rule for any event, and will inform competitors.

**10. PENALTIES FOR FUEL VIOLATIONS:** Disqualification from event (loss of points and money) in addition to the following penalties:

- First Offense: \$500 fine & 30-day suspension from any RUSH-sanctioned event plus all related lab testing costs.
- Second Offense: \$1,000 fine & 90-day suspension from any RUSH-sanctioned event plus all related lab testing costs.
- Third Offense: \$2,000 fine & 365-day suspension from any RUSH-sanctioned event plus all related lab testing costs.

ALL DECISIONS ARE FINAL!

11. Mechanical fuel pumps only; cam driven or belt driven style. Regulators permitted. Fuel injection system(s) and/or electrical fuel pumps and/or any type of pressurized fuel system will not be permitted.

**TIRES:**

Hoosier 26.5/8.0-15 or 27.5/8.0-15 Medium 100's or Medium. Note: Tracks and/or Series have the option of implementing the Hoosier 27.5/8.0-15 Hard on the right rear only. Series Officials may amend the tire rule for any event if track conditions warrant, and will inform competitors.

Tires not conforming to manufacturer's submitted factory benchmark will be deemed illegal.

**WARNING:** RUSH and Hoosier Racing Tires strictly forbids any chemical alteration of the tire carcass and/or tread compound such as tire soaking or use of tread "softener". RUSH and Hoosier Tire strictly forbids the physical

defacement (removal, altering, or covering) of tire sidewall markings in any manner. Failure to comply with this warning could result in premature or catastrophic tire failure and may result in serious injury or death.

Series may take physical samples and/or use the "Sniffer" to insure that no competitor has employed any chemicals to alter the performance of his or her tires. At the sole discretion of race officials, any competitor may have his or her tires tested with the "Sniffer" for both internal and external introduction of chemicals or be required to allow samples to be taken for later submission to an independent laboratory, or both. Three samples will be taken per selected tire; samples will be taken by RUSH or Track Official. Each sample from selected tire will be identified as sample #1, sample #2, and sample #3. Sample #1 will be retained by Series and sent to lab; sample #2 will be given to selected tire's driver/owner; and sample #3 will be retained by Series to be utilized as a tie-breaker in the event any issues may occur with samples #1 & #2. In the event driver/owner chooses to send sample #2 to be analyzed, RUSH must approve selected lab. Tire samples not conforming to manufacturer's submitted factory benchmark will be deemed illegal.

It is the driver's responsibility to know what is on their race car at all times. Any used wheels or tires that may be suspect by the driver should not be used. The driver or a crew member may be in the tech area to view what is being tested, but **will not** be allowed to view "the sniffer" readings. That information is the sole property of RUSH and driver will be notified if they pass or fail.

If "the sniffer" determines there is an unapproved chemical presence whether inside the tire, wheel, or outside the tire or wheel, driver(s) will be disqualified for the remainder of the racing event. Tire(s) in question will be confiscated and driver and/or car owner may be fined and could be suspended at Series Officials' discretion. Driver and/or car owner will be notified in writing of decision. All decisions are final.

Any tire thought to be physically defaced or altered will be confiscated. While tire is in question, all money and points for that driver will be held until a ruling is made final. Any tire deemed to have been physically defaced or altered will be result in disqualification from the event (loss of money and points) along with the following:

#### **PENALTIES FOR ILLEGAL TIRES:**

- First Offense: \$500 fine & 30-day suspension from all RUSH-sanctioned events plus all related lab testing costs.
- Second Offense: \$1,000 fine & 90-day suspension from all RUSH-sanctioned events plus all related lab testing costs.
- Third Offense: \$2,000 fine & 365-day suspension from all RUSH-sanctioned events plus all related lab testing costs.

Failure to allow any tire(s) to be confiscated will result in additional \$500 per tire fine in addition to any other fines and penalties. All decisions are final.

**WHEELS:** Maximum 8" steel production racing wheel may be used. Bead lock wheels may be used.

**WHEEL COVERS:** Wheel covers: Only steel wheel cover fasteners permitted. It is highly recommended that wheel covers have a minimum of 5 mounting points. However, 5 and 3 mounting point wheel covers will be allowed for competition under the following conditions: Wheel covers having a minimum of 5 attachment points may continue to use steel dzus fasteners. Dzus fasteners must be made of steel only. Wheel covers having only 3 attachment points must be bolted-on at all 3 points utilizing a minimum 1/4" or 5/16" magnetic steel hex head bolt and an approved fastening (nut assembly) system.

#### Approved fastening (nut assembly) systems:

1. Precise Racing Products Part # WCBK
2. Keyser Manufacturing Part #100 7-101.
3. Wehrs Manufacturing Part # WM377A-312 Aluminum 5/16" / WM377S-312 Steel 5/16"
4. Triple X Chassis Part # SC-WH-7810(for a 1" spring) / SC-WH-7820 (for a 1 3/8" spring)
5. Smith Precision Products Part # MC-516-18

Optional fastening systems that are equal or superior to the above-approved system will be readily approved at the sole discretion of Technical Officials.

**SHOCKS:** Only RUSH Series shocks by Bilstein may be used in competition at any location on the race car. Only one shock absorber is allowed per wheel. If a shock absorber is used to dampen rear end movement it must be located at minimum 12" from any part of either rear brake rotor and must be chosen from the following list of shock part numbers.

The only Bilstein shock absorber part numbers that may be utilized are listed below. Note: they may be used on any location on the car.

- RUSH RF 9-3,
- RUSH RF 7-3,
- RUSH LB 5-3, CR USA LB 5030, (These two shock part numbers are the identical shock and valving except for the part number.)
- RUSH RR 3.5-1.5, CR USA RR 3.5-1.5, (These two shock part numbers are the identical shock and valving except for the part number.)
- RUSH LRB 3-6, CR USA LRB 3-6 (These two shock part numbers are the identical shock and valving except for the part number.)
- RUSH LR 1.5-7.5
- RUSH PB 2-6

Shock covers permitted, but must be removed for all technical inspections.

Shocks may not be altered in any way; shock shafts may not be shortened nor strategically bent to seek a handling advantage, gas pressure must not have been altered, and no tampering with the pistons, seals, oil, shock body or valve stack is allowed. RUSH competitors agree to willingly relinquish any one or all shock(s) from any position or all positions on his or her race car that comes into question to RUSH Series tech officials for dyno testing and inspection to determine whether it is, or is not, a legal, unaltered shock. Shock(s) confiscated for further testing will be tagged by a numbered wire seal with Bilstein part numbers and wire seals documented on an official RUSH Shock Confiscation form. Competitor must accept from tech officials a shock(s) of the same valving part number in return for the shock(s) relinquished.

If, upon dyno testing and inspection, it is determined that the gas pressure, seals, piston, oil, shock tube, rod, or valving has been altered in any way, the shock absorber will be determined illegal and RUSH published penalties will apply.

RUSH Racing Series Officials reserve the right to technically inspect, exchange and/or confiscate any specified Bilstein sealed shock at any time. Failure to surrender the shock(s) and/or submit the shock(s) for inspection equals disqualification from the night's event, loss of all Series points to date, suspended from all RUSH-sanctioned Series competition for 365 days, and fined \$1,000.

Any violation of the RUSH Bilstein spec shock rule will result in the driver being disqualified for the night's event, loss of all Series points to date, suspended from all RUSH-sanctioned Series competition for 365 days, and fined \$1,000.

**Remote Control Suspension Devices:** No "in-cockpit driver controlled" suspension devices permitted. No weight jacks etc. of any kind. Any driver using "in-cockpit driver controlled" suspension devices or weight jacks will be disqualified from competition. A competitor found with a remote control suspension device will be disqualified from the event (loss of points and monies) and forfeit the device permanently,

**SPRINGS:** Only one spring is allowed per wheel. Progressive rate springs at the suspension locations are not allowed.

One additional spring will be allowed for use in a device used to control rear end rotation; this spring may have a progressive rate.

All coil springs must be 100% constructed from steel, no exotic metal alloys or composite spring technology will be allowed.

Leaf springs may be used in the rear and may be composite material or spring steel.

No torsion bars or airbags are allowed.

No spring rubbers are allowed.

Rear springs must be a minimum of 4.5" i.d. Rear springs may be mounted on a coilover kit and the coilover kit may be made of aluminum or steel, no titanium or composite materials are allowed. Coilover eliminator devices must be all steel in construction.

**BUMP STOPS:** No bump stops permitted

**ROLL CAGE:** Minimum tubing thickness .095". Minimum outside diameter 1.5". Must be 4 post design with rear upright loop supported with tubing running down to the rear of car.

Top hoop must have 1 crossbar preferably running from right rear to left front. Any of the bars that are utilized for the top portion of the roll cage, included, but not limited to the front and rear hoops, the top hoop, and the uprights, must extend a minimum of 1"-inch above the driver's helmet.

All support bars forward of roll cage must be lower than stock hood height. Door bars must be .083"minimum thickness. 3 bars minimum, 4 suggested. Door bars must be welded to roll cage-front and rear and be parallel to frame.

**FRAMES:** May be cut at a point no further forward than rear of engine block or 1950 or newer. American passenger car factory production frames allowed only. Frames may be cut in rear at a point no further forward than the rear of engine block, both sides. Frames may not be widened or narrowed and must be able to support the roll cage on both sides. Frame must be full and complete on both sides. Front cross member may be notched for radiator clearance only. Minimum frame height, and body height, must be four (4) inches from ground.

#### **DRIVER SIDE INTRUSION PLATES:**

1. A minimum 1/8" (.125") thick magnetic steel intrusion plate on the driver's side door bars is mandatory.
2. Approved installation:
  - A. Welded plates- Individual plates between door bars are permitted but must be weld around the perimeter of each opening. Minimum area covered is 16 inches by 26 inches.
  - B. A minimum of 16" x 26" plate bolted to fabricated 1/8" (.125") magnetic steel tabs, welded securely to the chassis, using a minimum of eight (8) x 3/8" Allen button head bolts. A minimum of three (3) fabricated 1/8" (.125") magnetic steel tabs and 3/8" Allen button head bolts required across top of the intrusion plate, a minimum of three (3) fabricated 1/8" (.125") magnetic steel tabs and 3/8" Allen button head bolts required across the bottom of the plate, and one (1) fabricated 1/8" (.125") magnetic steel tabs and 3/8" Allen button head bolt in each in the middle front and middle rear of intrusion plate.
  - C. A minimum of 16" x 26" plate bolted to a minimum of six (6) approved-design door bar clamps using the included 12 x 1/2" Allen button head bolts per the manufacturer's specification. A minimum of three (3) approved-design

door bar clamps and the included six (6) x 1/2" Allen button head bolts required across top of the intrusion plate and three (3) approved-design door bar clamps and included six (6) x 1/2" Allen button head bolts required across bottom of intrusion plate. Vendor and part number must be clearly labeled on part.

Current approved-design door bar clamps – in order of submission:

- Bicknell Racing Products – Part Number: BRP 9547
- Wehr's Machine & Racing Products – Part Number: WM397
- Allstar Performance – Part Number: ALL4198
- (No other manufacturer has submitted a design for approval at this time)

**WHEELBASE:** Minimum 108", maximum 112". No tolerance.

**FRONT SUSPENSION:** Steel aftermarket parts may be used as stock components. This includes lower tubular A-frames. Extended lower A-frames on right front only. Stock passenger car spindles or three (3)-piece spindle allowed. No tubular or fabricated spindles allowed. Tubular type upper and lower A-frames permitted. Lower control arms cannot be moved, (exception: may weld shock mount on lower control arm). Upper A-frames may be moved and have aluminum cross shafts. Coil springs minimum 4-1/2" diameter only (no coil overs) and must be mounted in stock position. No coil-over eliminators may be used. (Mono balls will be accepted.)

A) The maximum overall width of the car, front and/or rear, shall not exceed 78" inches when measured from the outside of the tire tread on both sides of the vehicle. A maximum one (1") inch spacer between the hub and wheel will be permitted. Steel and/or aluminum spacers will be permitted, provided the overall tread width of the vehicle does not exceed 78"-inches.

**STEERING:** Front steer type frames must have steering box mounted on left frame rail ahead of front cross member. Rear steer frames must have steering box mounted behind cross member on left frame rail. Power steering with a steering quickener is permitted. No rack and pinion steering. Stock type steering boxes only. All steering linkage must be steel components. Only one (1) power steering pump allowed. It is required that all cars have a collapsible steering shaft. All cars must be equipped with a quick-release-type steering wheel that is a full circle. Electronic steering or electronic steering components will not be permitted.

**REAR END:** Any passenger car or truck type rear end permitted. Quick change allowed with steel tubes (NO SLIP TYPE DIFFERENTIALS). NO ALUMINUM tubes with STEEL sleeves.

**REAR SUSPENSION:** May be coil spring (minimum 5") diameter or steel leaf springs. Coil-over eliminators or steel/aluminum coil-over kits may be used with coil springs. Lowering blocks (aluminum or steel) may be used with leaf springs. No aluminum birdcages, brake floaters or trailing arm mounts allowed. Panhard bar, panhard brackets and trailing arms may be steel or aluminum. One (1) spring per wheel.

Radius rods must be attached to the frame brackets and to the birdcages using metal spherical rod ends or mono ball type bearings. Non-metallic bearings and/or bushings will not be permitted. All mounting holes for attaching radius rods must be round and properly fit fastener being used to prevent movement.

Swing arm and/or Z-Link suspension are permitted. The shock on the swing arm or z-link rear suspension must be mounted to the bird cage or bottom rod. Top and bottom solid rod links must be mounted on heims and run in the opposite direction of bird cage.

A) The maximum overall width of the car, front and/or rear, shall not exceed 78" inches when measured from the outside of the tire tread on both sides of the vehicle. A maximum one (1") inch spacer between the hub and wheel will be permitted. Steel and/or aluminum spacers will be permitted, provided the overall tread width of the vehicle does not exceed 78"-inches.

**WEIGHT:** All GM 604 cars must weigh 2400 lbs and GM 602 cars 2250 lbs with the driver after the race at speedway scales. The track scales will be considered the official scales for the event. Any car that is found light at the scales

following qualifying/time trials will lose its time and start from the rear of a heat. Any car that is light at the scales following a heat race, B main/consy, or feature will be disqualified from the event. Weight must be painted white and have car number on it. Weights up to 50 lbs. must be positively fastened by **two** (2) 1/2-inch, minimum grade 5 bolts with a minimum of two (2) weight clamps. Threaded rods will not be permitted. No weights added in driver compartment or outside of body. Weight may not be attached to rear bumper. Penalty for losing weight on race track is disqualification from the event they are competing in.

**DRIVESHAFT**: Must have a protection loop completely around. Loop must be .25" thick x 2" wide steel minimum and mounted no more than 6" back from U-joint in driveshaft. Drive shaft must be steel or carbon fiber.

**TRANSMISSION**: Must have forward and reverse gears and be able to shift to forward or reverse with engine running. Bert and Brinn type transmissions are permitted. Stock clutch type transmissions must have scattershield or blow proof bell housing. Automatics must be stock OEM cases and bell housings.

**RADIATORS**: May be aluminum, steel, or brass and must fit under hood line and be located in front of engine fan.

**FAN**: [Engine must be equipped with a mechanical fan; steel, aluminum or plastic.](#) No electric fan.

**WATER PUMP**: [Cast or aluminum permitted. No electric water pump.](#)

**BRAKES**: Must have brakes on all 4 wheels. Brake shut offs are permitted. Calipers may be steel or aluminum single piston OEM style only, steel rotors only.

**BODIES**: (Refer to drawing at bottom of rules.)

A.) 12"min 24" max

C.) The maximum roof height of 54" inches. 5" max slope.

D.) The sides of the engine compartment will remain open. Any side panels in the engine compartment area will not be permitted. A six-inch drop on either side of the hood will be permitted and it must be enclosed at the rear of the hood. Hood must slope towards the nose of the car (No Reverse Rake to the Hood).

G.) The top of the doors must not extend forward of the rear engine plate. The bottom of the doors may extend a maximum of 12" inches past the motor plate toward the front of the vehicle.

H.) Front roof post width 16"max at the bottom. Roof post at the bottom rear must then go upward at a 90 degree angle. The front roof post must be in a straight line from top to bottom and must come down to the deck with a max 2" step (P).

I.) Wheelbase: Minimum 108", maximum 112".

J.) Door panel 32"max 26"min.

K.) 72" max.

L.) 12"-18" door opening height.

M.) With a level, must have no more than 2" clearance at rear roof, and 5" at top front. Original roof line of vehicle must be maintained with a maximum of five (5) inches of slope measured with a level from highest point minus the stiffener to lowest point. No more than one-half (1/2) inch stiffener allowed at the rear of the roof.

N.) Maximum deck length 120".

O.) Rear corner panel length from center of hub to back 48" max, 34" min.

P.) 7" max at top rear, gradual slope from roof to this point when using sail panel as spoiler side with max spoiler height of 5". The spoiler may be fabricated from lexan or aluminum. The Sail panels must be the same design and size on each side (Both open with same opening dimension or both closed). Maximum bow of sail panel is 4". 8" max spoiler allowed if the sail panel remains separate from the spoiler sides. When using 8" spoiler, sail panels can be no higher than 4" from deck at end point, spoiler supports shall be same height as spoiler at rear and 4" tall max at front and 24" min total length, sail panel may not be farther back than leading edge of spoiler support on 8" spoilers. Maximum spoiler width will be 68" on 5" or 8" spoilers.

Q.) Interior decks must be flat from side to side. Interior decks may have a up to a total of 6" of "rake" from the most forward part of the deck to the most rearward part of the deck as described below. Interior deck from the rear of the seat forward may be flat or have up to 3" of rake. The interior deck from the rear of the seat to the rear of the car cannot exceed 3" of rake regardless of how much rake the front portion measures. The rake of the rear portion of the interior deck must be in a straight flat line from the rear of the seat to the rear of the car.

R.) Maximum height of 38" inches. The top of the interior must be flush with the top of door; maximum drop of deck 2", no tolerance.

S.) Maximum width of nose at any point will be 45". The nose piece shall not be attached any further back than the radiator. The MD3 modified nose and Dominator nose will be legal. All aluminum fabricated nose pieces can have a 2 1/2" lip on each side of nose piece (length of the nose). The nose piece must have a minimum of four (4") inches from the ground to the bottom edge of the nose piece. Noses must be flat from top to bottom (No curving of nosepiece).

T.) Hood max width is 68" max 24"min. No narrower than radiator.

U.) The maximum roof width will be 52" inches with a minimum of 44" inches.

V.) The maximum roof length will be 57" inches with a minimum roof length of 40" inches

W.) On the "left side only" the rear of the bottom of the door may flare out six (6") inches for tire clearance; beyond the required body width of 72". The bottom of the flare must be curved and rounded not pointed in any fashion. No wheel skirts of any type will be allowed.

Rear wheel openings must remain same on both sides of car and maintain a minimum 2" wheel clearance.

X.) The maximum body width at the body's widest part will be 72"; 78" width including flare. The maximum deck width will be 68".

A stone shield for remote oil filters or transmission is allowed, 24" x 24" maximum located near rear engine plate.

**FRONT BUMPER:** Must be mounted to end of frame, with bottom loop parallel to the ground. Minimum 1-1/4" tubing must be used. Rear bumper may be tubing or square stock and must protect fuel cell. Center of bumpers must be at least 18" from ground. No sharp edges. Bumper cannot extend more than 42" from center of front wheel. Farthest point of nose/bumper cannot be no more than 42" from center of front wheel hub. Bumper must be leading edge of the car.

**NERF BARS:** Must be inside of line from rear tire to front tire with no sharp edges. There is no tolerance.

**WINDOWS:** Driver's side window and passenger side window must remain open except for support angles in roof pillar openings. Support angles cannot extend past the front roof line. Roof pillars must be in place. Window nets are recommended. Also a screen is HIGHLY recommended in cockpit to deflect debris from driver.

**EXOTIC MATERIALS:** NOTE: All exotic materials are illegal, which includes titanium, tungsten and/or carbon fiber.  
EXCEPTION: carbon fiber driveshafts will be permitted for safety purposes as well carbon fiber seats provided they meet the 39.2 specifications. Magnesium rear end center section, bells, and rear cover will be permitted. No other magnesium parts will be permitted.

**MISCELLANEOUS:** No radios (transmitting or listening devices) or mirrors permitted. Mirrored finished stainless or other materials are not permitted, if used for the same purpose as a mirror. No car will qualify without inspector approval. All cars must be available for inspection prior to advertised time of driver's meeting. All race cars are subject to inspection by officials at any time.

**TRACTION CONTROL/RADIO/TRANSMISSION DEVICES:**

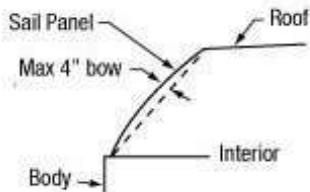
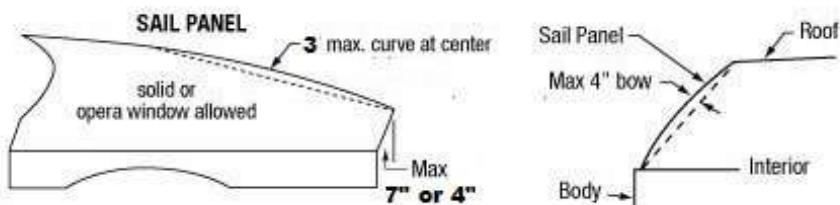
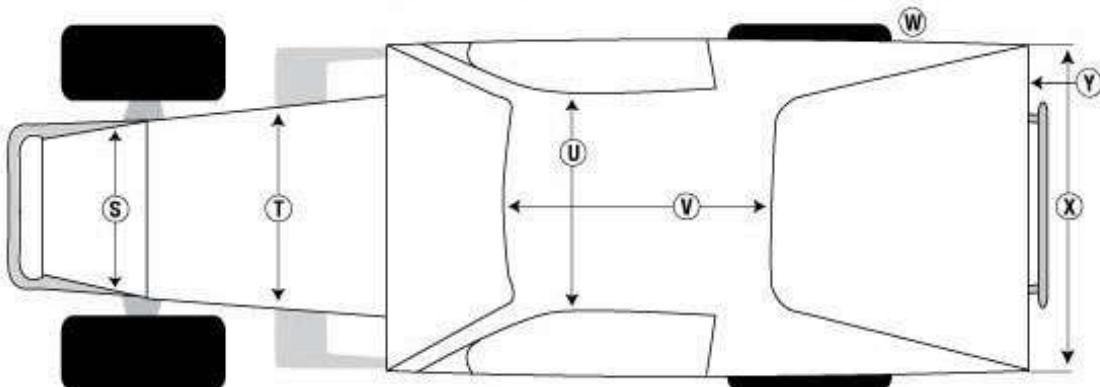
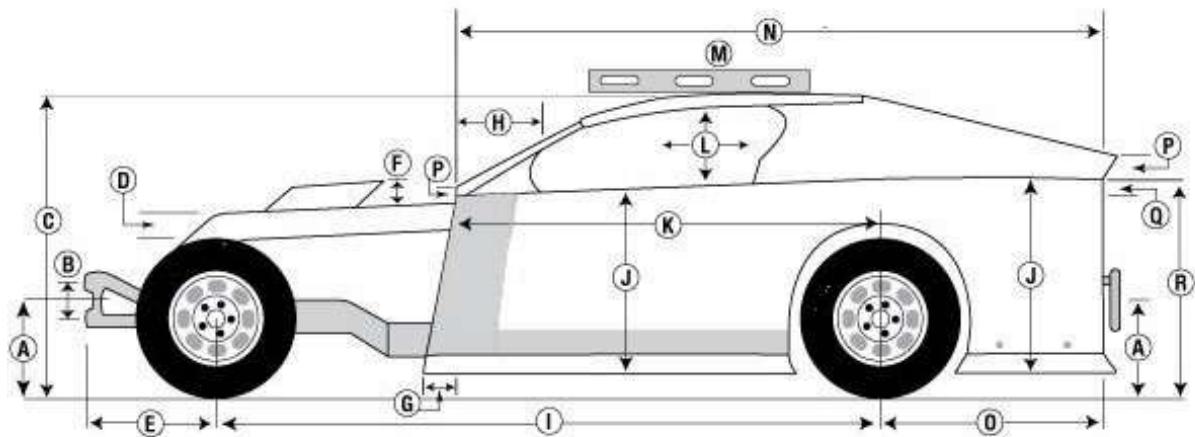
1. All Traction Control Devices are strictly prohibited during any form or portion of a RUSH Series sanctioned event, race or practice/test session.
2. All traction control devices, whether electronically controlled in the ignition system, wheel sensors or any means of measuring ground speed to control wheel spin, are strictly prohibited. All devices not mentioned in the above that are found to control wheel spin, timing or fuel delivery control will be considered strictly prohibited.
3. At NO time will there be any type of ping control devices, remote devices that modify RPM and/or timing, automated throttle controls, timing controls, or any modifications to the ignition control boxes, distributors, or any other part of the Ignition System. This includes any add on component or components inside or outside the cockpit of any competitor's race car. There shall be NO driver controlled wheel spin, timing or fuel delivery control devices in the cockpit area of any race car. Remote control components utilized to affect and/or control wheel spin, timing or fuel will not be permitted.
4. Adjustable restrictor plates will not be permitted.
5. Radios and/or devices transmitting voice and/or data will not be permitted.
6. Data acquisition systems will not be permitted.
7. A competitor found with any of the devices mentioned under Traction Control/Radio/Transmission Devices, #1-6, will be disqualified from the event (loss of points and monies), forfeit the device permanently and the following:
  - First Offense: \$500 fine & 30-day suspension from any RUSH-sanctioned event plus any testing costs, if required
  - Second Offense: \$1,000 fine & 90-day suspension from any RUSH-sanctioned event plus any testing costs, if required
  - Third Offense: \$2,000 fine & 365-day suspension from any RUSH-sanctioned event plus any testing costs, if required
8. A competitor refusing to relinquish any of the above mentioned will result in disqualification from the event (loss of points and monies) and "refusal of tech" penalties.
9. GPS and/or any other type of electronic tracking and/or locating device will not be permitted for any reason. If found, driver and car will be disqualified for the night (loss of points and monies), and will forfeit device permanently.
10. GoPro and/or similar camera devices are permitted providing they do not interface with the car, electronic or otherwise, and do not transmit any signals. Cameras not meeting specifications, will result in driver and car being disqualified for the night (loss of points and monies), and will forfeit device permanently.
11. **No cameras and/or video recorders and/or photographic recording equipment may be mounted below the deck. If found, driver and car will be disqualified for the night (loss of points and monies), and will forfeit device permanently.**

**DRIVER RADIOS/TRANSPONDERS:**

NO radios other than one-way communications between Track and/or Series Officials. One-way driver radio is mandatory at all Tour events and may be mandatory at Weekly events (see each track's rules). Transponders are

mandatory at tracks and events that require them (see each track's rules or Touring procedures for more info).

**BODY DIAGRAM:**



## **PERSONAL SAFETY EQUIPMENT:**

### **General**

1. Each competitor is solely responsible for the effectiveness and proper installation, per the manufacturer's specifications, of personal safety equipment and determining it to be adequate for competition at every event. Each competitor is expected to investigate and educate themselves for continuing improvement regarding their own personal safety equipment.
2. RUSH Rules regarding safety equipment are the minimum and you will not be permitted to compete if your safety equipment does not meet the RUSH rules. Many tracks and or states require additional safety equipment not mandated by RUSH. Be sure to familiarize yourself with the requirements of each track. RUSH-sanctioned tracks and/or any track hosting a RUSH event will be required to enforce the RUSH safety rules completely without exception.
3. Each car will be equipped with minimum of an SFI 16.5 or SFI 16.1 approved restraint system, until the date of the belt expiration (two years from the date of manufacturer). Seat belt restraint systems shall be installed and used in accordance with manufacturer's instructions. In any type of manufacturer's installation the fasteners should be magnetic steel unless using type of mount in which the seat belt wraps around the roll cage.
4. Seat belt material should not be permitted to come in contact with any sharp or metal edge, including when the material passes through the seat.
5. Rolled and/or deburred and/or flanged edges or anywhere seat belt webbing passes through and may come in contact with abrasive edges are recommended.

### **Protective Clothing**

1. All drivers will be required to wear a fire resistant driving uniform meeting minimum of the SFI 3.2A/5 specification and display a valid SFI 3.2A/5 label.
2. All drivers should wear fire resistant accessories including but not limited to; head sock, under garments, shoes, and socks. All drivers are required to wear fire resistant gloves. Shoes and gloves will be required to meet minimum of the SFI 3.3 specifications and display a valid SFI 3.3 label.

### **Seats**

1. Seats must be "Full Containment" style constructed of aluminum to the general design specifications of current industry standards, (SFI 39.2 highly recommended). Design shall include comprehensive head surround, shoulder and torso support system, energy impact foam, and removable head foam. Consult with your seat manufacturer for questions and recommendations regarding your seat safety system.

Seats manufactured using carbon fiber or composite materials must meet SFI 39.2 specifications.  
Up-fitting an existing seat with bolt-on kits will be permitted with a seat manufacturer-produced kit and an acceptable base seat approved by the seat manufacturer. Consult with your seat manufacturer for recommendations regarding your current seat. If Left Head Surround does not exceed 7 inches from the back of the headrest, a left side seat net meeting SFI specifications is required.

2. All areas surrounding the head should have padding.

### **Helmets**

1. All drivers must wear a full-face helmet with a minimum safety rating of FIA 8860-2010, Snell SA 2015, Snell SA 2010, Snell SAH 2010, and/or a valid SFI 31.1/2005 label.
2. It is recommended that helmets should be fitted with the Eject ™ helmet removal system.

3. [Head and neck restraints will be mandatory and must be SFI 38.1 approved and display a legible and valid SFI 38.1 label.](#) The head and neck restraint system must be mounted and connected to the helmet per the helmet manufacturer and head and neck manufacturer instructions.
4. Arm restraints are recommended and must be connected and used as instructed by the manufacturer.

#### **Other RECOMMENDED**

1. Sharp and/or protruding edges in and around the cockpit will not be permitted.
2. Windshield screens should be a minimum thickness of 0.090 inch and should be securely fastened to the roll cage.
3. Driver's side window nets are highly recommended.
4. A clearly marked electrical engine shut off switch within the reach of the driver.
5. Roll bar padding mandatory. Other cockpit padding, knee and steering pads recommended. All padding must be fire resistant.
6. Driveline U-Joint scatter shields are recommended.
7. It is highly recommended cars be equipped with 10-lb fire suppression system meeting SFI 17.1 requirements.
8. It is highly recommended all teams must have a fire extinguisher in the rear of their transporter with the car number clearly visible on the extinguisher. It is highly recommended the fire extinguisher be a minimum of 20lbs and is recommended to FFF type chemical and/or Dupont FE-36 and/or equivalent.

***DRIVER SAFETY IS THE DRIVERS RESPONSIBILITY! THIS IS NOT THE AREA OF THE RACE CAR TO TRY AND SAVE MONEY, ANY MONEY SPENT ON DRIVER SAFETY WILL ALWAYS BE WELL WORTH IT!***

#### **GENERAL CAR INSPECTION:**

All cars may be subject to technical inspection at any time. Any driver that fails to cooperate and/or allow an inspection of his car at any time will be subject to disqualification, a 45-day suspension, and \$750 fine.

Full or partial car covers will be permitted only when there is inclement weather.

Rear car covers are permitted, but must be removed prior to leaving pit stalls. No covers of any kind under the car or covering wheel openings. Each team will receive one (1) verbal warning for the season. A second infraction will result in a loss of warm-ups, a loss of a qualifying lap, or placement to the tail of your next scheduled event, depending upon when said second infraction occurs.

## **FINES, PENALTIES, SUSPENSIONS & APPEALS**

### **PRE-RACE TECHNICAL VIOLATION:**

If a technical violation(s) is found during pre-race technical inspection, the driver/team will be advised of the violation and must meet full compliance before being allowed to compete.

### **REFUSAL OF TECH**

A refusal of tech and/or failure to allow an official to confiscate a part(s), other than the already previously stated individual refusal penalties/suspensions, will result in a 45-day suspension and \$750 fine. All illegal parts will be confiscated.

### **FINES & PENALTIES:**

If an entrant is disqualified for any reason, any fine and /or suspension applies to both the driver and car owner if not the same person. In other words, if an entrant is disqualified for a technical violation, such as an engine not in compliance with tech specs, neither the owner nor the driver can race for the suspension period, and while only one fine will be charged, neither party can race until that fine is paid. Fine must be paid in full to Series by cash or certified check in order to compete once suspension period ends. NOTE: If suspension includes 'a number of days' clause and occurs at the end of the season when no additional events exist, suspension will carry over to the following year beginning with the first RUSH-sanctioned event in the region.

### **EVENT SUSPENSIONS:**

Driver/Owner suspended for any infraction will carry over to **ALL** RUSH-sanctioned divisions and will preclude driver/owner from competing at **ANY** RUSH-sanctioned event until suspension is lifted.

### **MULTIPLE INFRACTIONS:**

In the event driver and/or car is disqualified in post-race tech for the same technical rules infraction twice (excluding engines within the sealing system, tires, fuel, and shocks, springs, suspensions rules- see each rule for specific penalties), driver and car will be suspended for 7 days from all RUSH-sanctioned events. Each successive infraction will carry an additional 7-day suspension.

In the event an entrant fails technical inspection for multiple infractions that each carry a suspension and/or fine at the same event, suspension and/or fine will compound and accumulate with each infraction.

### **LEGALITY OF PARTS:**

If RUSH or Track Tech Inspector is unsure of the legality of a part, said part will be sent to GM or to RUSH Office for inspection. At this time, finishing position will be frozen until legality of said part is determined. In the event of a disqualification, finishing position, points and monies would be adjusted accordingly. **ALL ILLEGAL PARTS WILL BE CONFISCATED & DESTROYED!** Not allowing confiscating of parts is considered "cheating within the bolts" and said penalties will be imposed.

### **FINALITY OF DECISIONS AND INTERPRETATIONS AND COVENANT NOT TO SUE:**

The decisions of RUSH officials or promoter at an event, including the interpretation and application of rules and the scoring of positions, shall be FINAL, BINDING, and NON-APPEALABLE, except in the case of a suspension or fine, which is further explained in the SUSPENSIONS/FINES & APPEALS category.

All participants, as a condition of participating in an event, agree that ALL decisions of officials or the promoter, regarding the interpretation and application of the rules, and the scoring of positions, shall be NON-LITIGABLE. All participants further covenant and agree that they will NOT initiate any of legal action against Great Crate Racing Northeast D/B/A RUSH Racing Series, the promoter, and officials to challenge such decision, to seek monetary damages, to seek injunctive relief, or to seek any kind of legal remedy. If a participant pursues any such legal action, which violates this

provision, then the participant and/or owner expressly agrees to reimburse RUSH for ALL of its ATTORNEY FEES and COSTS IN DEFENDING AGAINST SUCH LEGAL ACTION.

By signing the annual registration agreement, participants agree that they will comply with the written rules and procedures of RUSH. In the event that he or she would breach the registration agreement, he or she shall be liable for actual and liquidated damages sustained by RUSH Racing Series.

**APPEALS PROCESS:**

RUSH will determine any and all suspensions/fines that are covered in the rules and any violation that may come up during the year. RUSH will make judgment on the sanctions, and violator(s) will be sent official notice by a certified letter, return receipt requested.

Driver and/or car owner has the opportunity to appeal his or her sanction and must do so in writing accompanied by any relevant documentation. Appeal must be in writing and faxed or e-mailed to the RUSH Office at 724-964-0604 or within 48 hours of notification of violation.

RUSH will then set a date and time for the appeal hearing at the business office located at the address of 4368 Route 422, Pulaski, PA 16143. The violator(s) will present his/her case to the RUSH Racing Series. The violator(s) and one other person is permitted to attend the appeal hearing. Additional attendees must be approved by RUSH pursuant to a written request.

Following the appeal hearing with the violator(s), RUSH may conduct further follow-ups, meetings, etc. with any other necessary party(s). Judgment will then be rendered to the violator by a certified letter, return receipt.

Violator(s) agrees that the decision made will be final and party posting appeal has no legal rights thereafter. In the event of a protest, the party that protested also agrees to accept final ruling on decision and has no legal rights thereafter.