



## 2018 Marysville Raceway Super Street Stocks Rules

GMS-SSRules-111517.1

**All updates to be highlighted**

**THIS BOOK IS EFFECTIVE JANUARY 1, 2018 & SUPERCEDES ALL PREVIOUS RULES.**

Interpretation of these rules or amendment to these rules may be made at any time. 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 registrants are deemed to have complied with these rules and they understand the track general rules and requirements. No express or implied warranty of safety shall result from publications of, or compliance with these and/or regulations. They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to participants.

### **RULE BOOK 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 EXPRESS OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATION OF OR COMPLIANCE WITH THESE RULES AND/OR REGULATIONS. They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator or official. The race director shall be empowered to permit minor deviations from any of the specifications herein or impose any further restrictions that in his opinion do not alter the minimum acceptable requirements. NO EXPRESSED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATION OF SPECIFICATIONS. Any interpretation or deviation of these rules is left to the discretion of the officials. Their decision is final. Referee's decision is final.

THE MANAGEMENT OF MARYSVILLE RACEWAY

**RACECEIVERS ARE MANDATORY**

**AMB TRANSPONDERS ARE MANDATORY**

AMB TRANSPONDERS | <http://www.mylaps.com/>

**Personal TranX260 Direct Powered Transponder:** By far the most popular with drivers, the Direct Powered Transponder (DP) needs a quick two-wire connection to the car's battery to operate. Once mounted to the car using zip-ties or rivets, the DP Transponder requires no maintenance or upkeep.

**Personal TranX260 Rechargeable Transponder:** Ideal for cars that have a limited electrical system on-board or cars whose electrical system is an older 6 volt type, the Rechargeable Transponder offers drivers increased flexibility in operation. For example, the transponder can be easily switched from car to car where a driver races two cars during a weekend. Though the transponder does need recharging after 5 days of operation, its special charging cradle is designed to prolong the battery life when not in use.

## 1. CHASSIS

- A. Any 1955 or newer American made passenger Car will be allowed.
- B. Minimum wheelbase of a 105". **Stock frame only.** Front clip must remain stock, min 20in behind weight jacks. Remaining frame must be stock or use minimum 2x3 box tubing through center of rear end housing. Coil springs or stack leaf spring suspension.
- C. Uni-body cars must have 2" x 4" minimum sub-frame connectors. Material .095 minimum.
- D. No intermixing of body and frame parts. (Manufacture to Manufacture).
- E. Four wheel drives, sports cars, convertibles, front wheel drives or station wagons are Not allowed.
- F. Vehicle must be de-chromed and all glass and flammable material must be removed (Excepting gauges and bumpers). NO MIRRORS PERMITTED.
- G. May modify frame for Fuel pump, Steering shaft, Radiator and shock clearance, May alter frame for after market tubular upper A-arms.
- H. Stock front clip ONLY- Minimum of 20" back from center spring bucket

## 2. BODY

- A. Aftermarket steel or aluminum bodies should be semi stock appearing. Fiberglass hoods or roof panels are allowed. No Gurney lips, foils, or ruder of any kind.
- B. Body must be mounted securely on chassis from the rear of driver's seat forward.
- C. Aftermarket front nosepieces are allowed
- D. You may gut the complete car down to sheet metal.
- E. Floor pan / firewall must be steel from the rear of drivers seat (left to right) forward. Right side may be raised to accommodate exhaust, no higher than drive line tunnel. Must be welded or bolted. If welded, welds shall be 3" long and 7" between each weld minimum.
- F. Drivers compartment may be enclosed.
- G. Nerf bars ; 1" square, 1" round or 1x2 rectangular bar are allowed. Bar must not extend more than 1" outside body. Ends of bars must taper back and must not have any sharp edges.
- H. Fenders may be cut to give 3" of clearance above the tire. Protruding sharp edges will not be allowed.
- I. Hood must be secured on all four corners. Hood may be gutted.
- J. Car will NOT be allowed to run without hood in place. NO HOOD, NO RACE.
- K. All cars should have a minimum of half the windshield area in front of the driver to be covered with wire mesh of 1/4" to 1/2" square and MUST have 3 posts or straps located in front of driver. Post will be built and attached securely. They must be built with 1/2" tubing or 1/8" x 1" straps.
- L. Must have at least one number on both doors and on roof.  
Minimum size of number 18" tall 2" wide and contrasting color of car. Also see number specifications in general rules.
- M. No mirrors or electronic communication devices of any kind, No sign boards.
- N. Rear Spoiler, side panels plexiglass and wings are allowed.
- O. A kill switch is required with in easy reach of the driver and Safety Crews. It must be clearly labeled "ON" and "OFF."
- P. All added weight must be in block form, PAINTED WHITE, with the car number on it. Weight must be securely fastened, with minimum 1/2 inch bolts, inside the body panels and not on rear or front bumper. 25 lbs per bolt mount. One bolt 25 pounds, two bolts 50 pounds. No one piece over 50lbs.

### **3. ROLL CAGE**

- A.** Roll bars shall be of the full cage type, mild seamed steel 1 ½" or 1 3/4" X .095 wall minimum. 4130 Chromoly 1 ½" or 1 3/4" X .095 wall minimum, with full loop from frame over the driver. These bars are to be connected on the top of both sides with another bar. Cage shall be within 3" to top of car and 6" of sides of top. In the back loop, running from the right top to the bottom bar at about 45 degrees, there shall be a bar. These bars must be properly welded together and attached to the frame. Roll bars to be welded or bolted to the frame with NO less than 7/16" bolts or both, where possible. Must be welded and attached securely to frame or sub-frame filler on uni-body car. Bar may not be secured by welding to floor pan.
- B.** All "T" intersection must be gusseted and welded on both sides.
- C.** Cage to be above driver's helmet by 2".
- D.** Must have one bar front to rear approximately center of cage.
- E.** Roll cage must include three door bars on driver's side within 3" of the door. Welded to both the front and back uprights evenly spaced to protect the driver's hips and legs. Minimum of one brace running vertically. 1/8" drivers door plate highly recommended.
- F.** Front loops are allowed inside the body in front or behind radiator.
- G.** There will be two bars angled from top of cage towards rear end, which can extend past rear axle to frame rail.
- H.** You may be asked to drill 1/4" hole in roll cage for inspection purposes.
- I.** All cars must be equipped with a tow hook or similar device both front and rear.
- J.** Radiators may be mounted to a front bar with stock mounts removed. Bar may extend to fenders but must remain behind bumper. Bar must be independent of cage and NO larger than roll bar material.
- K.** The technical official or race committee must approve all roll cages.

### **4. SUSPENSION AND STEERING COMPONENTS**

- A.** Steering box must be stock, for example GM to GM etc., located in stock position. Steering quickeners are permitted. Rack & Pinion steering is NOT allowed.
- B.** Springs may be stock or racing type springs. 5" min spring diameter
- C.** Weight jacks are allowed. No suspension device or housing shall protrude through any panel. Cockpit operated suspension devices are NOT Allowed.
- D.** Air, coil over, external adjustable, or reservoir shocks are NOT allowed.
- E.** One shock per wheel only.
- F.** Stock replacement or racing shocks ok. Heim end shocks allowed.
- G.** Any Rear suspension is allowed

### **5. WEIGHT**

- A.** Minimum weight 3000lbs on all cars with driver at anytime

### **6. ENGINE SETBACK**

- A.** Chevy #1 plug even with center of upper ball joint. Ford or Chrysler may vary a little. Setbacks exceeding this to have a maximum rear weight of 53%
- B.** Center-line of crankshaft may not vary more than 1" from center-line of front stub.

### **7. ENGINE**

- A. Cast Iron block and heads.
- B. No Titanium rotating parts.
- C. Engine connecting rods must be 100% steel. There must be an inspection plug in the oil pan. Either a #12AN fitting or a 1 inch pipe plug. If a car is to be inspected and there is no inspection plug in the oil pan it will be required to pull oil pan for inspection
- D. No Dry Sump oiling systems.
- E. Solid motor mounts are allowed.
- F. After market racing oil pan is allowed.
- G. Engine through transmission shall remain stock unless otherwise noted.

## 8. RODS

- A. Any

## 9. PISTONS

- A. Any Piston

## 10. CAMS

- A. Any stock or aftermarket cam and lifters. Camshaft button allowed. Hydraulic roller cams are allowed.

## 11. GEAR DRIVES

- A. Are allowed.

## 12. CYLINDER HEADS

- A. Must be OEM or aftermarket cast iron heads only.
- B. Stock head angle 23 degree heads for GM motors
- C. Grinding, porting and polishing of heads is allowed.
- D. No angle milling of heads.
- E. All casting numbers must remain visible.
- F. May install screw in studs and guide plates.

## 13. ROCKER ARMS

- A. Roller rocker arms or roller tip rocker arms are allowed. No offset rocker arms.
- B. Ford adjustable rockers are allowed.
- C. Rocker arm locks optional.
- D. Shaft rockers for roller cams are allowed.

## 14. INTAKE MANIFOLD

- A. Any cast iron or aluminum manifold is allowed

## 15. CARBURETOR

- A. Must have TWO return springs.
- B. Must have toe strap on throttle pedal.
- C. Maximum 1" spacer plate allowed.
- D. A stock replacement HOLLEY 4412 must be used on any motor. 2Bbl carbs only or OEM EFI is allowed. ECU may be reflashed or reflashed with aftermarket unit.

- E. Choke tower must be in place and factory stamped 4412.
- F. Must pass (GO- No Go Gauge top and bottom) Max venturi diameter 1 3/8". **No oblonged venturi openings.**
- G. Carburetor must mount to manifold without any modifications to the manifold or the base plate of carburetor.
- H. The Carburetor cannot be modified internally with the exception of jet change, power valve and choke removal.

## **16. IGNITION**

- A. All Battery-powered ignitions will be allowed.
- B. Magnetos and after market coils are allowed.
- C. MSD 6al box and (retarters for locked out dist. For cranking of motor.) are Allowed.
- D. Ignition box must be placed out of reach of driver.

## **17. FUEL PUMP**

- A. Pump must mount in original position. No belt drive pumps or electric pumps.

## **18. FUEL**

- A. Pump , race gas, or RACING alcohol . No Nitro or Nitrous Oxide.
- B. NO ADDITIVES. Including oxygenated additives OF ANY KIND! SUBJECT TO INSPECTION AT ANY TIME.
- C. Specific gravity is not to exceed .795 or within (plus or minus) .10 of standard track fuel sample.

## **19. FUEL SHUTOFF**

- A. All cars to have a 1/4 turn off valve in the fuel line in the drivers compartment, to be accessible to the driver and painted RED. It must be 1/4 rum off type Must be clearly marked ON - OFF.

## **20. GAS TANK / FUEL CELL**

- A. Gas tank shall be removed from their original position and replaced with required approved FUEL CELL in a fuel cell can, with maximum capacity of 22 gallons in trunk area. Cell to be mounted between the frame rails and shall not extend more than 2" below the bottom of the frame rails. Cell must be mounted with a minimum tie down of 1 1/8" x 1" strap iron. (NO PLUMBERS TAPE). Cell must have a vent and a securely fastened cap. No part of filler pipe may be made of rubber type connection. Cells to be vented to underside of car.
- B. A fire shield of no less than 18-gauge metal to be placed between tank and driver. Must have L shaped shield in front and bottom of fuel cell.
- C. Fuel cell is to have a full sealing cap and a roll over vent.
- D. Cells must be protected with one tubular bar in front of tank and behind tank not to exceed 2" in outside diameter.
- E. All fuel cell mounts subject to safety inspector's or race committee approval.
- F. Any car leaking or spilling fuel will be BLACK-flagged.

## **21. RADIATOR**

- A. Must be in front of engine, in stock location.

- B. ANTI-FREEZE IS NOT ALLOWED.
- C. WATER WETTER & WATER SUGGESTED.

## **22. TRANSMISSION**

- A. Transmission Type is optional
- B. If a trans cooler is used and located inside the car it must be shielded from driver.
- C. No ALUMINUM OR ANY OTHER TYPE OF LIGHT WEIGHT FLYWHEELS!
- D. Must run approved scatter shield for manual.
- E. Must have two forward and reverse gear.
- F. All cars must be able to move smoothly and slowly thru pits.

## **23. DRIVE-LINE**

- A. Steel Only, Must be painted white.
- B. Drive shaft loop (360 degrees) is mandatory. Must be placed 6" minimum to 16" maximum from the transmission tail shaft.

## **24. REAR-END**

- A. Any rear ends are allowed.

## **25. REAR SPRINGS. REAR SUSPENSION**

- A. SEE RULE 4

## **26. BATTERY / STARTERS**

- A. All batteries must be mounted in an approved manner in front of the fuel cell.
- B. 'Maintenance Free', no vent caps and sealed battery highly suggested.
- C. Batteries that are not sealed must be sealed in a marine type box.
- D. Batteries are not allowed in the driver's compartment.
- E. All cars will have a working starter in stock location.

## **27. BUMPERS**

- A. Fabricated bumpers allowed, must meet safety tech. Aluminum preferred. CANNOT BE OVER BUILT i.e. Battering ram.
- B. No part of bumper may extend beyond center of tire.
- C. Bumpers to remain in approximate stock location.
- D. No added bracing of any kind, i.e. Battering ram. No sharp edges.
- E. Two individual safety chains or cables to be installed on bumpers.
- F. Bumpers must have chain loop or hook attached that is adequate in size for towing the car off of track.
- G. Bumper straps are allowed.

## **28. TIRES**

- A. Hoosier Dirt Boss racing tire (8 ½" max tread) Grooving is allowed.

**No tire preps or tire softeners allowed.**

## **29. WHEELS**

- A. Wheels to be minimum 3/16" center.
- B. Wheel width 8 " maximum.
- C. Wheel studs minimum 5/8" and 5/8" lug nuts are required.
- D. Bead locks are allowed.
- E. Mud plugs are allowed.

## **30. BRAKES**

- A. Must have at least three wheel brakes operational. L/F and both rear. Brakes shall be stock otherwise.
- B. No copper or plastic brake lines.
- C. Aftermarket brake pedals with bias controller are allowed.

## **31. EXHAUST / MUFFLERS**

- A. Stock exhaust manifolds, headers bottom dump or over the engine headers are allowed.
- B. 180 degree headers are NOT ALLOWED.
- C. Mufflers are mandatory. Type optional.
- D. Mufflers and headers must remain attached. All muffler and header components must remain intact and operating. Failure to comply with this provision will result in automatic disqualification.
- E. Exhaust pipe must extend beyond driver compartment.
- F. **Track DBA requirements must be met 95dba @ 100'**. ABSOLUTELY NO EXCEPTIONS AS THIS NOISE REQUIREMENT WILL BE STRICTLY ENFORCED.

## **32. BINDING COMPONENTS**

- A. No leather straps, ropes, chains or wire may be used to hold or bind components together.

## **33. SEATS**

- A. Car must have approved racing type bucket seat.
- B. Seat must be mounted securely to ROLL CAGE.
- C. Headrest is mandatory or high back seat is required.
- D. Upholstered and padded highly suggested.
- E. Positively No Homemade Aluminum, Plastic or Fiberglass seats are allowed.

## **34. SAFETY BELT REQUIREMENTS**

- A. General - Each Competitor is solely responsible for the effectiveness of personal safety equipment used during an event. Each competitor is expected to investigate and educate themselves with the effectiveness and availability of personal safety equipment.

- B. Seat Belts - Each car should be equipped with an SFI 16.5 or SFI 16.1 approved seat belt restraint system until the date of the belt expiration (usually two years). Seat belts restraint systems shall be

installed in accordance with the directions and application of the system supplier or manufacturer. (A quick release seat belt and shoulder harness no less than 3" wide and submarine belt (crouch) are mandatory)

**C.** Seat belt webbing that comes into contact with any sharp or unradiused metal edge should be protected from that edge by means of push on grip vinyl trim. Seat manufacturers supply the seat with trim protecting the webbing from abrasion or cutting under impact conditions and should be used to their specifications.

**D.** It is the responsibility of the driver, not the Track, Officials or the Promoter to ensure that his/her seat belt restraint system and all components are SFI approved, correctly installed, maintained and properly used.

**E.** All belts must be mounted to the roll cage separately from the seat with 7/16" grade five bolts minimum.

**F.** A steel plate may be welded to roll cage at driver's right side for belt attachment to prevent drivers from sliding side to side under belt.

**G.** Belts must come from behind driver. The mounting position is important! Shoulder belt should be mounted approximately 4" below the shoulders. The lap belts mounting should be the same width of the driver.

**H.** Harness/belts must be worn at all times when the car is on the track.

**I.** 2yrs old on belts maximum. The date stamp must be readable and belts must not be worn (frayed) or the will have to be replaced for you safety.

### **35. SAFETY**

**A.** Driver should wear a full face helmet, with at least a valid SA 2010 or better Standard Snell label at all times on the track or when car is fired.

**B.** The driver should wear the helmet in accordance with the directions provided by the helmet manufacturer and/or supplier.

**C.** Head and Neck restraints are strongly suggested. If a head and neck restraint system is connected it should conform to the manufactures mounting instructions.

**D.** Helmet and face shield must be worn at all times while operating a car on the race track. No goggles permitted.

**E.** Each driver should wear a fire resistant uniform meeting the SFI 3.2A/5 specification and display a valid SFI 3.2A/5 label.

**F.** Each driver should also wear fire resistant accessories that effectively cover the remaining parts of the body. Shoes and gloves should meet the SFI 3.3 specification and display a valid SFI.3label. Nomex-type or equivalent fire resistant uniforms (suit), gloves, neck brace, are mandatory.

**G.** Nomex-type or equivalent hood, socks, underwear and shoes are highly suggested.

**H.** Drivers Side window Net Required. Window nets must be equipped with quick release mechanisms. All steel release system highly suggested. Arm restraints are suggested.

**I.** Other Safety Items

1) No sharp or protruding edges in or around the cockpit, which would impede the driver's rapid exit from the car.

2) A marked electrical kill switch in reach of driver.

3) A marked fuel shut off valve in reach of driver.

4) Flame retardant seat, roll bar, knee and steering pads or padding are suggested.



- 5) Drive line u-joint scatter shields are suggested.
- 6) Roll bar padding in the drivers cage area and drivers side door bars are required
- 7) Must have windshield screening no smaller than 1/4" and no larger than 1/2" mesh to protect Drivers seated position. Must be mounted in window frame and use no less than 1/8" x 1" strap or 5 3/8" rods places on drivers side, equally spaced.

### 36. FIRE CONTROL

- A. A fully charged fire extinguisher meeting SFI 167.1 with activation push or pull knob within the reach of the driver to protect the driver by flooding the driver's compartment is suggested.
- B. Valve plunger (actuator) must be mounted at right of driver and in plain view.
- C. On-board system will be inspected and must be passed by Tech inspector or race committee.
- D. It is recommended that teams have in the rear of their transporter an easily accessible fire extinguisher of at least 2.5 gal FFF or equivalent. in addition to in car system.
- E. If no on-board system, suggested minimum 2.5 pound FFF or equivalent (dry powder) fire extinguisher must be mounted within driver's reach in an approved bracket, for the drivers safety.

### 37. PROTEST ENGINE/TRANSMISSIONS/CHASSIS:

- A. Participating car owners and drivers ONLY may protest another car's compliance with the rules. Car must be still running competitively at end of feature. The protest must be filed IN WRITING and HAND DELIVERED to the Director of Competition or Technical/Pit Steward within 15 minutes of the completion of last event and must be accompanied by \$800 cash (\$700 cash protest fee plus \$100 tech fees) All disputes will be settled the night of the event.  
MUST BE REGISTERED PARTICIPANT OF TRACK.
- B. No alcohol before or during the protest inspection!
- C. Do not abuse this rule!

### 38. OFFICIAL POLICY STATEMENT:

**Any** modifications not covered in these rules will not be allowed unless approved by an official. Equipment will not be considered 'legal' simply because it went through inspection unobserved or because a rule has not been written against it.

**Before you spend the money for a part that could be considered questionable, ask first.**

Race cars shall be subject to inspection at anytime. **During any tech inspection Driver and one pit is allowed at car, it's the driver of the car responsibility to keep any others at least 10' away from car so inspection can be done in a timely many, any interference with tech officials may result in fines or penalties to the car driver or owner or both.**

Officials reserve the right to judge, decide, and establish what constitutes a legal part or car. Officials' decisions are final.

Approval, by an Official, of a vehicle shall mean only that the vehicle is approved for participation in a competitive event and shall not be construed in any way to mean that the inspected vehicle is guaranteed mechanically sound. Be it further declared, that Officials and inspectors shall not be liable, nor shall the Sanctioning Body, for any mechanical failure, nor for any losses, injuries, or death resulting from same.

Any unsportsmanlike conduct by drivers, owners, and/or pit crews shall be grounds for disqualification and/or punitive action by the Sanctioning Body. *Owners and/or Drivers are responsible for the conduct and action of their crewmembers.*

**Absolutely NO alcoholic beverages shall be consumed by owners, drivers, or their pit crews prior to or while competing in an event.**

**Decisions of MARYSVILLE Raceway Official(s) are final and binding without exception.  
PROMOTER RESERVES THE RIGHT TO ADD OR DELETE EVENTS AS DEEMED NECESSARY.  
ALL DECISIONS WILL BE FINAL AT THE PROMOTERS DISCRETION**

**2018 STATE RULES ALLOWS NO LIQUID DUMPING FACILITIES**

Each race car that enters the fairgrounds pit area MUST have an empty container(s) approved by the management of MARYSVILLE RACEWAY that will hold at least 2 gallons of used oil (fluids) for collecting anything that may be drained out of the race car or tow vehicle at each event. These containers must be removed with the race car after every race and disposed of at an approved facility at the owner's expense.

**NO TIRES TO BE LEFT AT MARYSVILLE RACEWAY**



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