

# *MERRITT STOCK CAR*

# *ASSOCIATION 2020*



## **Rules – MINI STOCK**

For Information Call:

President: Dale Calder 250-682-4872 Vice Pres: Jake  
Mills 604-230-2004



# **TABLE OF CONTENTS**

<b>TABLE OF CONTENTS</b>	PAGE 3
<b>TRACK OFFICIALS</b>	PAGE 4
<b>SCHEDULE - TIMES - FEES</b>	PAGE 5
<b>CODE OF ETHICS</b> – Intoxicants, Language, behaviour	PAGE 6
<b>TRACK RULES – ALL CLASSES</b> – Pit & Track Info, Car Removal, Entering pit	PAGE 7
Floor Dry, Rookie Status, New Driver	PAGE 8
<b>RUNNING RULES ALL CLASSES</b>	PAGE 9
Timed Laps, Packing Track, min Lap Time, Restarts	PAGE 10
Infield, Nerfing, Bumping, Accident	
<b>SAFETY RULES</b> Neck Brace, Helmets	PAGE 11
Suits, Seat Belts, Seat, Doors, Fuel Lines, Batteries	
Drive Shaft, Window Nets, Water Cans	
Extinguishers, Antifreeze, Ignition Switch, Oil Lines	PAGE 12
Mufflers, Mud Flaps, Rub Rails, Car Numbers	
Work Parties, Rule Infractions, Protests, Driver Protest	PAGE 13
<b>POINTS (ALL CLASSES)</b>	PAGE 14
<b>LATE MODEL RULES</b> – (formerly Hobbies)	PAGE 15
SUSPENSION, TIRES & WHEELS, ENGINE	PAGE 15
FUEL SYSTEM, TRANSMISSIONS REAR ENDS	PAGE 16
BODIES, ROLL CAGE, ELECTRICAL SYSTEM	PAGE 17
<b>RUB RAIL DIAGRAM</b>	PAGE 18
<b>ROLL CAGE DIAGRAM</b>	PAGE 19
<b>FLAG RULES</b>	BACK PAGE

## 2020 TRACK OFFICIALS

<u>POSITION</u>	<u>NAME</u>	<u>PHONE</u>
<b>PRESIDENT</b>	DALE CALDER	250-682-4872
<b>VICE PRESIDENT</b>	JAKE MILLS	604-230-2004
<b>SECRETARY</b>	SUSANNE SNIDER	250-936-9296
<b>TREASURER</b>	JOAN MILLER	250-851-1600
<b>MEMBER AT LARGE</b>	TOBY FORREST	778-928-3945
<b>HEAD OF TECH</b>	DENNIS SMITH (LM & STREET)	250-299-9820
	JIM GILLIS (4 cyl, 6&8 cyl BOMBER)	250-902-3087
<b>LATE MODEL REP</b>	DENNIS SMITH	250-299-9820
<b>STREET REP</b>	COLIN REIMER	250-315-9855
<b>6 &amp; 8 CYL BOMBER REP</b>	BILL FADER	250-378-9056
<b>4 CYL BOMBER REP</b>	AARON WYATT	604-845-6772
<b>MINI STOCK REP</b>	DEVON PETERS	604-300-5339
<b>TOWER OFFICIAL</b>	JOAN MILLER	250-851-1600
<b>PUBLIC RELATIONS</b>	BUD BUSSIÈRE	778-808-8302

**2020 RACE**  
**SCHEDULE**

MAY 16 & 17	OPENING WEEKEND	DAY RACES
JUNE 6 <sup>th</sup>		NIGHT RACE
JUNE 20 <sup>TH</sup>		NIGHTRACES
JULY 15 <sup>th</sup>		NIGHT RACES
AUG 3 <sup>rd</sup> & 4 <sup>th</sup>	ALBERT KOSOLOFSKI MEMORIAL	NIGHT RACES
AUG 15 <sup>th</sup>	TOY DRIVE	NIGHT RACES
SEPT 12 <sup>th</sup>	FOOD DRIVE	DAY RACES
OCT 10 <sup>th</sup> & 11 <sup>th</sup>	BILL JOHN MEMORIAL INVITATIONAL	DAY RACES

RAIN OUT DATES	10am TIME TRIALS 11am RACING	AUG 16 & SEPT 13
----------------	------------------------------	------------------

**2020 RACE TIMES**

DAY RACES	Time Trails 12PM	Racing 1 PM
NIGHT RACES	Time Trials 4 PM	Racing 5 PM

**MAIN GATE ADMISSIONS**

	Regular Race Date	Special Dates	Event
ADULT	\$10.00	\$15.00	
YOUTH (11-18) & SENIORS	\$ 6.00	\$10.00	
CHILDREN UNDER 10 (WITH SUPERVISION)	FREE	FREE	

**2020 PIT AND MEMBERSHIP FEES**

INDIVIDUAL MEMBERSHIP (14 & UP)		\$30.00
FLOATER (2 USES PER NON MEMBER)	FULL YEAR \$20.00	1 DAY \$10.00
CAR REGISTRATION		\$50.00

PIT FEES - DRIVER \$25.00 **GENERAL**

**MEETING ON RACE DAY, AT THE TRACK.**

## **CODE OF ETHICS**

Racing is a good sport, but a good sport is made up of good men and women. Racing has no place for the troublemakers, or those who cannot see anything but wrong, believing that every action of the officials is directed at him or her, and rules are only made to be broken. Such men and women have no place in the racing sport and should be left at the entrance gate to all tracks.

**THIS BOOK SHOULD BE STUDIED BY ALL MEMBERS TO AVOID MANY UNNECESSARY MISUNDERSTANDINGS.** We adopt these rules, regulations and specifications with the thought in mind that every competitor is entitled to a fair chance.

Racing is a good sport, many grinding hours, days and weeks can be put into a machine getting it ready for the track, then watching it go round the track the first time all the many hours of work are forgotten.

This is racing, as it should be. Regardless of the hardships and joys, racing will continue. We hope everyone will continue in the sport.

## **INTOXICANTS - All club meetings are to be DRUG (CANNABIS) & ALCOHOL FREE!**

The use of intoxicants by a driver, car owner, pit person or track official on the day of the race meet is strictly forbidden up to the end of the day. The Track Officials will IMMEDIATELY EXCLUDE violators from the course. Penalties will be an automatic \$100.00 fine and suspension for two (2) race meets. Use of intoxicants in the pits by any member or person will cause the person to be taken from the pits

**IMMEDIATELY.** Persons may be employed to assist Track Officials in enforcing this rule. **NO CANNABIS DRUGS or ALCOHOL AT ALL IN THE PITS – WHAT SO EVER!**

## **IMPROPER LANGUAGE OR CONDUCT**

Any driver, car owner, pit person, or any person on the course who may at any time or any place use improper language or conduct at the meet shall be subject to **IMMEDIATE SUSPENSION**, and or fined. ANY DRIVER, CREW MEMBER, OR SPONSOR WHO PHYSICALLY OR VERBALLY ABUSES A TRACK OFFICIAL, OR TOWER PERSONNEL, OR WHO ENTERS THE TOWER WITHOUT PERMISSION IS SUBJECT TO A \$50.00 FINE AND IMMEDIATE SUSPENSION FROM THE DAYS EVENTS!

## **CAUSING A DISTURBANCE**

Any driver, car owner, pit person, or any other person on the course who may at any time or in any place cause a scene or disturbance before the public will receive an appropriate penalty by the appropriate officials.

## **BEHAVIOUR**

- Anyone acting in any way to the detriment of the track, club or racing in general will not be allowed on track property.
- There will be a monetary fine of \$50.00 if a member in good standing is bad mouthing a sponsor, business or person as relating to our track or club and if not paid the car associated will not be allowed to race until it's paid. This fine amount can be increased for multiple offences with the possibility of permanent parking for the season.
- **THIS INCLUDES NEGATIVE POSTS ON SOCIAL MEDIA.**

## TRACK RULES ALL CLASSES

A current membership must be shown when entering the pit gate. Persons must be a minimum of 12 years of age to enter the pit area. Persons under the age of 18 must have Parent or Guardian written consent ON SITE. All drivers must present VALID Drivers license before entering the pit area, except for approved 14 –15 year old drivers.

Out of town cars have one (1) race event to conform to class rules in order to receive points. **MSCA cars have one (1) race event to conform to class rules in order to receive points. SAFETY RULES MUST BE MET BY EVERYONE PRIOR TO RACING.**

**MSCA CARS SHOULD BE REGISTERED BY FRIDAY PRIOR TO RACE EVENT WITH THE EXCEPTION OF FIRST RACE DAY OF THE SEASON .**

Any club member permitting the use of his/her Club membership card by anyone other than himself, may be barred from the track, and fined.

### PIT AND TRACK INFORMATION

- Pit Organizers are in charge of all cars while in the pit. Once on the track they are under the Starters direction until re-entering the pit.
- Cars entering the pit must proceed directly to their pit stalls and not stop in the pit driveway, thereby blocking cars in rear from entering pit or clearing track.
- Cars requiring a tow to be removed from the track must have the driver or a person from the pit crew with the car to assist the tow truck operator and direct him to pit stall.
- Cars having mechanical trouble or impeding traffic must move to the pit area or infield. Any driver who blows an engine or tire must immediately leave the Track surface if possible.
- Tow trucks are for track use only and will not be required to lift cars for tire changes or repairs. This is the responsibility of the Pit Crew.
- Speeding or spinning wheels on the Speedway grounds will not be tolerated and will be considered a serious offence, subject to a \$10.00 fine or a suspension. **SPEED LIMIT IS 5 M.P.H.**
- All ATV's used on track property must follow same guidelines as race vehicles (ie: 5 mph in pits and campground) Includes parking lot and access roads.
- Change in drivers or sponsors must be reported to the pit gate and tower.
- Anyone going onto the track or across the track during a race will be suspended, and his car will lose all points for that day and/or will be fined, unless permission is granted by Pit Boss or Flag Person.
- All persons present in the pit are required to attend the pit drivers meeting when called. Any drivers present in the pits and not attending the meeting will receive a \$25.00 fine.
- **Absolutely no one under 12 years of age allowed in the pit area .**

### CAR REMOVAL

- No cars are to be removed from the Speedway for (30) thirty minutes after completion of the day's events, without prior permission from the Pit Boss and/or a Track Official. No vehicles to enter pits unless visable marked as handicapped for 30 minutes after completion of last race of event without permission from Pit Boss and or Track Officials.

### ENTERING PITS

- All participants must sign in at pit gate. Except for special events where volunteers, sponsors and other participants will be allowed only if a waiver is signed.

- Any person entering the pits must have a pit pass visible at all times and must have a signed legal release at the pit gate for the day. Minimum fine for non-compliance is \$10.00. The club requires that all those entering the pits have a medical coverage and **any medical condition or disorders are to be made known to the Executive. Executive reserves the right to request a doctor's Consent from any member.**
- **A Bag of FLOOR DRY must be present in each pit to be used in case of oil spill etc. This has been requested by the Lower Nicola Indian Band**
- All trailers must be accompanied by a walker upon entering and leaving the pits.
- **Anyone under a Doctors care or on Compensation or drawing Sick Benefits from any source must make his or her condition known to track officials and a decision will be made by Track Officials as to his/her admissibility.**
- Any person admitted to the pits must be properly dressed in CLEAN coveralls, remember this is a show. **Shirts must be worn at all times, (No tank tops, shorts or sandals) MANDATORY**, minimum \$10.00 fine.
- The Executive reserves the right to reject any person applying for pit entry, or to refund pit fees, and to eject any person whatsoever from the pits.
- No person or other non-official in the pit area will be allowed on the track, track exit, or entrance during a race event except with permission of the Pit Boss.
- Anyone blocking the view of the back stretch flag person or standing by the Pit Boss without permission from the Pit Boss will be fined \$10.00.
- **Any MSCA registered car to be unloaded, must be unloaded (1) one hour prior to time trials or you may not qualify.**
- All cars are expected to show up at the track, clean and free from last races dirt and mud, in race ready condition. Last event damage and repairs Not to be done at track. If not complying, you may not qualify.
- Cars will be parked as directed by the Pit Boss. Tow vehicles and trailers are to be removed from pits as quickly as possible and parked in designated area.
- Drivers are to know their positions and are required to keep themselves informed about information posted on the line up board.
- Drivers will alert themselves and read the white board so as to be ready when called upon to line up for their race. If not there when called upon, they will lose their position or may be deleted from the entire program for the remainder of the day.
- All cars must line up in correct position and be ready to move out of the pits before the previous event is completed.
- **Rookie Status:** any new driver who races no more than **3** race days in one season - rookie tags to be flown all season
- **New Driver:** anyone who has **NEVER** driven a race car ANYWHERE before
- Any blocking movement of safety vehicles, or track equipment will be fined \$50.00.
- Tow trucks are to be parked in designated areas only.
- No littering in the Pits. Cars responsible will be fined.
- Due to crowding in the pit area, the number of persons allowed on anyone's pit crew will be a maximum of (4) four persons. **DIRECTORS RESERVE THE RIGHT TO LIMIT THE NUMBER OF PIT PERSONS TO A TOTAL OF (4) FOUR INCLUDING THE DRIVER, SHOULD OVERCROWDING OCCUR.**

## RUNNING RULES ALL CLASSES

- All cars must be self-starting at the start of the race day. Sprint cars must have their own push vehicle.



- Track Officials decisions are final.
- No car is allowed on the track until the following conditions are met:
- **First aid person is on the scene** **First Aid Person is the only one that will delegate a call to 911**
- Fire equipment must be on hand and ready for use
- Tow vehicle and driver ready
- Flag man in charge of track traffic
- Permission from pits is granted
- Helmets and eye protection must be worn
- Cars must have been safety checked and passed, as listed in the rule book
- Windshields will not be cleaned on the track; races will not be stopped
- All cars must participate in track packing, unless approval from Pit Boss obtained ❖ All cars must be tech checked for safety.
- **NO MIRRORS EXCEPT IN LATE MODEL & 6 & 8 cyl BOMBERS - see Class Rules**
- **NO 2 WAY COMMUNICATIONS WITH DRIVER AND ANYONE IS ALLOWED**

### TIMED LAPS

- Cars will get (2) two timed laps. If a car spins out, stops, or pulls into the pits during his timed lap, he may return for (1) one more timed lap only.
- A cars timed position will determine that cars starting position for the DASH, HEAT and MAIN EVENT,
- The person who times in the car must drive the Dash and the Main Event, unless prior arrangements have been made with at least (2) Track Officials.
- Cars not timed in will start at the rear, no position gained points. Car will be allowed to run in the Heat and Main Event only, receiving only finishing points.
- After each Main event, the top 3 cars may be tech checked. (Performance enhancing parts will be looked for.)

### PACKING TRACK

- When called ALL Drivers MUST pack or Pay a \$5.00 fine before Time Trials. (fines will be added to invitational prize monies)

### MINIMUM LAP TIME

- Anyone improving their qualifying time, during a race by 1 second or more, will be moved to the rear of the field. NO POSITIONS GAINED POINTS will be given.
- Anyone caught breaking out during the main event will not be given any points for that race.
- **ANY CHANGES NOT COVERED SPECIFICALLY IN THESE RULES OR THE SAFETY RULES, WHICH ARE NOT INTENDED SOLELY FOR IMPROVED SAFETY, WILL NOT BE TOLERATED. IF IN DOUBT, CONTACT THE EXECUTIVE. RESTARTS**
- Any car spinning out on the first lap will result in a restart. Only one restarts per race. Second and subsequent restart will be single file.
- In the event of a stoppage during a race, cars will line single file on the front stretch according to the last lap completed, shown on the lap sheets. Cars responsible for an accident, car debris or spin will start at rear.
- No Yellow flag lap will be considered as a counting lap.
- Any car causing (2) two yellow flags will be disqualified for that race.
- Any car stopping due to a mishap and not driven immediately to starting position will be considered as involved in an accident. **STARTERS DECISION IS FINAL!**

- Anyone jumping the flag will be black flagged or moved to back of line-up.  
Any car entering the pit on a Red or Yellow flag will start at rear of pack.

### **MECHANICS RACE (ALL CLASSES TOGETHER)**

- You are allowed to drive in 3 days of Professional races then you will lose your Mechanics status. If you run a regular race during a race day then you will not be allowed to be a mechanic driver. Previous winners will start at the back of the field.

### **SPONSORS RACE (ALL CLASSES TOGETHER)**

- Rookies start at the front of the field.
- If you run in only (3) three race days in (1) one year, you qualify as a Rookie Driver

### **POWDER PUFF - CLASSES TOGETHER**

- May be non-member of MSCA
- New drivers only. Previous winners start at the back.

### **INFIELD, NERFING, BUMPING**

- Any car entering the infield with all four tires during a race will be sent to the back flag person to re-enter the race. The infield being determined by the berm encircling the infield. An exception MAY be made by the flag person if you are knocked into the infield.
- Intentional bumping or nerfing will result in a disqualification from the race. The Flag Person and Track Official together may suspend any driver for a serious driving infraction, severity of the infraction to dictate action taken. Offending car to be restarted at the back of the line-up, bumped car to retain position prior to stoppage of race.
- Intentional chopping will result in disqualification for that race.

### **ACCIDENT**

- Only one person from a crew of a car involved is allowed on the track when a race is stopped due to an accident. Pit Person must wait until all traffic is stopped and safety equipment is on the scene before proceeding to his car.
- Any car involved in an accident must be checked by the HEAD OF TECH before it will be allowed to run in the following races.
- If you are involved in an accident and you are all right, try to wave your hand.
- All serious accident damage MUST be replaced by the next race meet.
- No repairs are to be done on the track. Anyone doing repairs on the track when a race is stopped will lose a lap
- NO SHEET METAL SCREW ALLOWED

## **SAFETY RULES (ALL CLASSES)**

- All safety rules are **MANDATORY** and must be obeyed and met by all competing cars. The Board of Directors may implement any further rules as deemed necessary for safety. Safety Committee has final authority.
- All safety equipment must be approved by Tech.
- **NECK BRACES MANDATORY.**
- **MSCA strongly suggests the use of Hans device (neck harness) for drivers under 18 yrs old • All cars must have engine displacement displayed on hood or fender.**
- **Any car moving down a class (eg: Late Model to Street Stock) must prove legal for that class.**

## • **HELMETS**

- A REGULATION RACING HELMET, SNUG FITTING, and D.O.T. approved. No Cromwells. Bubble shields on helmets must have safety snaps. Eye protection must be worn even when windshields are used. All helmets must be approved under the current motor vehicle standards with full face or properly approved helmet. TECH has the authority to DEEM HELMET UNSAFE.

## **SUITS**

- **All classes:** drivers must wear fire retardant, long sleeve coveralls or better, driving suit recommended. These must remain free of flammable substances at all times.

### **FIRE RETARDANT FORMULA:**

- **9 oz Borax**
- **4 oz Boric Acid            1 gallon warm water**
- Dissolve thoroughly, dip coveralls, and hang to dry, repeat after each wash. Save extra for future use.
- Pit Crew may substitute short or long sleeve shirt and long pants for coveralls. No halter or tank tops, NO BATHING SUITS!

## **SEAT BELTS**

- At the recommendation of the rules committee, it is suggested that all drivers under the weight of 150 lbs. wear a chest strap consisting of seat belt webbing attached side to side across the vertical shoulder straps at a point below the shoulders.
- All cars must have racing approved 5-point harness in good condition. Safety belts must be regulation type seat belt webbing, minimum 3", or aircraft type harness. NO HOME BUILT or poor condition belts allowed. They must be properly installed. Belts are to be fastened to the roll bars, positively no drilling through the harness to use rivets and plates.
- Seat belt mounting maximum 4" below shoulder level. Diagram at back of rule book page 23.

## **SEAT**

- **Approved racing seat mandatory for all classes. NO BAHA SEATS Late Models must have Rib support.**

## **DOORS**

- Doors must be **welded or bolted** (from inside) shut. **MANDATORY** All Classes!

## **FUEL LINES**

- Fuel lines must be passed by safety committee. Metal fuel filters only.

## **BATTERIES**

- Batteries must be within roll cage, secured, and covered with rubber, plastic or steel boxes, in-lined with absorbent foam rubber. For exception see Bomber rules.

## **DRIVE SHAFTS in all classes**

- A drive shaft sling made of steel strap 1/8 X 2 or equivalent must be installed behind the transmission within the front 1/3 of the drive shaft. A 5/16 chain is permitted. **Must be painted white.**

## WINDOW NETS

- A window net is mandatory on the drivers' side window and must be permanently fastened on the bottom. It must be constructed of 1" nylon web on 3" centers. Excessive openings can be covered with plexi glass or lexan for protection from flying objects.

## WATER CANS

- Water cans must be painted BLUE. Gas cans must be painted RED. **NO EXCEPTIONS!**

## EXTINGUISHERS

- Dry chemical fire extinguisher must be 2 ½ lbs. minimum. **MANDATORY.** Must be in the pit, clearly marked with car Number, presented at TECH.
- Anyone using a fire extinguisher must report with used extinguisher to Equipment Manager and/or Pit Boss so used extinguisher may be suitably marked and set aside.

## ANTIFREEZE

- Use of antifreeze is NOT allowed ANY class. Environmental concerns expressed regarding possible contamination of local water supply by Lower Nicola Indian Band.

## IGNITION SWITCH

- Ignition switch must be removed and a pull on push off type switch is to be installed within easy reach on the right hand side of the driver. Must be clearly marked. **MANDATORY!** Locking steering device must be removed.

## OIL LINES

- Must be copper or steel only. No plastic allowed.

## MUFFLERS

- Mandatory in all classes. Must be properly installed, no loose pipes.
- All cars must be 96 decibels at 100 feet or less.

## MUD FLAPS

- Mandatory in all classes - 6" off the ground Maximum, Must be within 1" the width of the tire. Exception - Cars less than 6" off the ground are permitted to not have mud flaps.

## RUB RAILS

Must be above center of hub and below top of rim, on left side. Ends must be turned in. Right side must be angled from front spindle to top of back rim. PLUS FRONT AND BEHIND REAR TIRES IF TIRES EXCEED THE BODY BY MORE THAN 1" (see picture at the back of rule book)

## CAR NUMBERS

- All classes of cars must have their number displayed on the roof and doors and be a minimum of **16 inches in height.** Numbers must be pre-registered annually. If # not registered will be held for 1 year only, and will be up for grabs after that. Previously registered have preference. If you would like to keep your # after a

non active year the fee will be \$5.00 per yr, payable before 1st race day of the year. Track Officials may change car numbers to avoid duplication or lap counting errors.

- **Visibility** - Tower reserves the right to request increased visibility. If not corrected by next race, **no points** will be awarded to the car.
- **Each car must have a 4 inch number on front and back of car**
- **WORK PARTIES**
- PARTICIPATION IN **TWO** WORKBEE DAYS WILL ENTITLE THAT CAR TO PARTICIPATE IN TEST AND TUNE – No buy inAll interpretations of the rules shall be decided at the Executive level. All complaints shall be in the form of a letter to the Board of Directors. THE BOARD OF DIRECTORS DECISION IS FINAL.

## **RULE INFRACTIONS**

- Penalties for rule infractions will vary according to the severity of the rules broken. If there is a car threatening the quality of racing, the Executive reserves the right to tear-down that car. (5) Five Directors must agree that the suspect car should be torn-down before the tear-down can take place. If the car is found legal the Club will reimburse the car for the parts cost of the tear-down. If a car is torn-down, (1) one Head and the intake will be removed! Oil pan may also be removed. All tear-downs will be performed by the mechanic of the car, the Club President, Head of Tech and the track Official. When a car is torndown it is up to the crew of the car to prove it is legal. If the crew cannot prove the legality, the car will be considered illegal. All tear-downs will be done at the car owners shop, and the hood will be locked and cinched at the track prior to the car leaving. It is recommended having the Tech person there for the reassembly of the car.

## **PROTESTS**

- All protests must be handed into **CLASS REP** within 20 minutes of the end of the last race. All parties will be notified within  $\frac{1}{2}$  hour. A **PROTEST MUST** be initiated by an owner or driver of an opposing car of the **SAME** class. Must include car number and be signed and dated by the driver or car owner initiating the protest. Must include specific reason for protest.
- On being found guilty of running illegal, the offending car will be suspended for the following race day.
- On being found guilty of running illegal for the second time, the offending car will be **SUSPENDED FOR THE NEXT THREE (3) RACE DAYS.**
- On the third offence, the car will be **DISQUALIFIED** for (1) **ONE YEAR OF RACING FROM THE DATE OF THE OFFENSE.**
- If an offense occurs on the last race event of the year, you will lose all points for the whole weekend.  
Race day – 1 day or Race Event – 2 days.

**Only the following persons will be involved in a protest: Class Rep., Head of Tech, Pit Boss (if pit area incident), Car owner/driver (if mechanical), Tower person (if involves tower), Flagman (if incident on track) President or Vice President.**

- **DRIVERS PROTEST** -
- Drivers tear-down protest. Engine protests will cost the protester \$300.00.

## POINTS (ALL CLASSES)

Points will be awarded to the registered car number as registered with MSCA. Points will remain With the registered number for the duration of the season. NO number swapping during race day.

### TIME TRIAL POINTS

The number of cars timing in will be multiplied by 2, descending by 2 for each subsequent car. Example: 10 cars timing in – Qualify 1<sup>st</sup> (fastest) will receive 20 points and 10<sup>th</sup> car (slowest) – 2 points.

### A DASH POINTS

FIRST	4	THIRD	2
SECOND	3	FOURTH	1

### A HEAT POINTS

FIRST	10	FOURTH	4
SECOND	8	FIFTH	2
THIRD	6	SIXTH	1

### B HEAT POINTS

FIRST	6	THIRD	2
SECOND	4	FOURTH	1

### C HEAT POINTS

FIRST	4	THIRD	2
SECOND	3	FOURTH	2

### A MAIN POINTS (3) POINTS FOR EACH POSITION GAINED

FIRST	30	SIXTH	10
SECOND	25	SEVENTH	8
THIRD	20	EIGHTH	6
FOURTH	16	NINTH	4
FIFTH	12	TENTH	2
	ELEVENTH & ON		1

### B MAIN POINTS (1) POINT FOR EACH POSITION GAINED

FIRST	15	FIFTH	2
SECOND	10	SIXTH	1
THIRD	6	SEVENTH	1
FOURTH	4	EIGHTH	1

**ANY CAR NOT QUALIFYING DOES NOT RECEIVE POSITION GAINED POINTS. EACH CLASS WILL RECEIVE TWO TIME LAPS. "LAPPED CARS RECEIVE FINISHING POINTS BUT NO POSITION GAINED POINTS.**

# Merritt Speedway Mini Stock Rules 2020

## 1-Vehicle and Body

1-1. All makes/models car or truck. Front and rear wheel drive with 4-cylinder engines. No all-wheel drives

1-2. All doors must be bolted, riveted or welded shut

1-3. Drivers window may be enlarged for driver entry ,but must be kept to a minimum and cannot go lower than the uppermost cage door bar

1-4. All glass, trim, lights (including lenses), emblems, etc. must be removed from the car. Glass windshields allowed, requires min. 1/8" thick steel tabs on outside corners and steel strap vertically down center of inside. Alternatively a minimum of 4 evenly spaced bars (3/8" minimum round steel) may be welded vertically across windshield opening in front of the driver. A screen may be fastened over the bars if desired. Screens must be painted flat black.

1-5. Two hood pins must be used to secure front hood and rear trunk (2 each) if stock hinges are used. Otherwise they must be secured with four hood pins each.

1-6. Fuel Cells are Highly Recommended. If running a stock Fuel Tank, Tank must be located in front of rear axle (on solid rear axle cars/truck) or in front of rear control arm mounting location (on Independent Rear Susp. cars/trucks). Stock fuel tanks Must have min. 22 gauge skid plate mounted between tank and racing surface.

1-7. Rear firewall must be constructed of 22-gauge sheet metal and all holes must be sealed to seal drivers compartment from fuel compartment

1-8. Aftermarket aluminum seat only .Mounted to the roll cage only. CAN NOT be mounted to floor.

1-9. Making the vehicle lighter is an option but firewalls (front and back) must be complete and intact. Firewall must be left in factory location. (Stock firewall,22 gauge rear firewall) and must have stock floor boards from front fire wall to Rear Firewall and from Rocker panel to Rocker panel .Rocker Panels must be left in stock location.If rocker panels have rust, patching of rust is allowed. Sub Frame connectors allowed

1-10. Removable steering wheel recommended

1-11. Must have tow hooks front and back, chains bolted/welded to frame allowed

1-12.a. Weight Rule

Carburetor/ Throttle body cars -1lbs per 1cc ( 2.3l-2300cc=2300lbs)

Fuel injected Single overhead cam cars (SOHC)-1lbs per 1cc (2.3l-2300cc=2300lbs)

Fuel injected Dual overhead cam (DOHC) cars-1lbs per 1cc plus 75lbs (2.3l-2300cc+75lbs=2375lbs)

Engine size and weight must be displayed on right front fender beside car number, decal or painted .(1.5l fuel injected, must read, 1500 cc/ 1500lbs or 1.5l carburetor , must read, 1500cc/1500lbs) .

1-12.b. 50lbs weight break for any driver using either a Head and Neck Device (with at least 1 head support mounted on drivers seat) or using a full containment seat (Max of 50 lbs). Must be teched before the start of the first race of the day to be eligible.

1-13. Cars will be weighed at random times throughout the season.

1-14. Paint scheme of any color and/or design. No offensive or inappropriate graphics. Numbers on doors and roof must be legible and 20" tall.

1-15. All cars must have front and rear bumpers and must be mounted by stock method (or reasonable alternative )and have safety chains or cables from bumper to frame to prevent loss during competition.

1-16. All Cars or Trucks MUST Start the race day with all body panels and must be in good condition. ALL Major dents and damage must be repaired by the next race day.

1-17. Aftermarket bodies allowed. Bodies must me stock appearing. No wedge/late model style bodies allowed. Mixing of manufacturers allowed ( Honda body on Toyota chassis etc )

## **2-Roll Cage**

2-1. Minimum of 1 1/2" OD DOM or ERW tube with min of .095" wall . Recommend 1 3/4" .095" tube.

2-2. Must be attached in a minimum of 6 points ( Main cage mounted in 4 points with 2 rear down bars mounted in trunk area)

2-3. All roll cages will have a minimum of 3 bars on the drivers side and 2 on the passenger side(Door Bars). Drivers door bars must be as close to the door as possible. Top drivers door bar will be no lower then 3in's from the bottom of the original window sill(Opening). The bottom bar can be no higher than 3 inches from the rocker panel.

2-4. Cage main points mount on base support/sandwich plates. Hold with four bolts and/or weld to the floor pan in a safe manner. Structural ties required.

2-5. No left side cages. No offset cages. Must be centered.

2-6. Main hoop must be one continuous piece, no weld-in corners. Main hoop must be cross-braced.

2-7. A windshield bar and padded roof bar must be installed.



2-8. Front upright tubes must have a dash bar.

2-9. Two cage tubes will be place from the upper rear corners of the main hoop rearward to frame members behind the fuel cell.

2-10. One bar may be installed for radiator protection but must not protrude past the bumper and must be of inferior material to that of the roll cage. K. Main joints must be gusseted.

2-11. Cages must have an ankle bar on the left and a bay bar system which links roll cage from right front frame rail to the left rear shock tower.

2-12. Roll cage members adjacent to the driver must be padded.

2-13. Head clearance minimum 2-inches. More is better.

2-14. Mandatory anti-intrusion plates on driver's door bars. 1/8-inch minimum steel plate. See cage diagrams for details.

### **3-Suspension**

3-1. Adjustments for camber and caster is allowed.

3-2. Sway bars must be OEM or OEM option for that make and model of vehicle

3-3. Racing shocks or struts are allowed. Maximum of 1 shock or strut per wheel.

3-4. Adjustable coil over shocks or struts allowed. Coil over shocks or struts must have been a stock option from factory to be used. Weight Jacks allowed. Leaf Spring sliders allowed.

3-5. Swapping of any suspension parts within a family line is allowed (ie. mustang to mustang, civic to civic etc) .Must be factory type Suspension ( no converting coil to leaf etc)

3-6. Front lower , Rear Control arms and Trailing arms must be Factory stock and unmodified and in stock location., (as per Jan/16 meeting)

3-7. On McPherson strut type cars the tops of the front strut towers may be moved or fabricated to facilitate caster/camber adjustments.

### **4-Engine and drive train**

4-1. Carburetor and Fuel injected engines allowed

4-2. No Turbos or Superchargers. No Rotary engines permitted. No diesel engines permitted.

4-3. Front or rear wheel drive only. No all wheel drive permitted. Manual or automatic transmissions permitted. Maximum wheelbase is 105".

4-4. YOU MUST MAINTAIN A STOCK STROKE +/- .010". Any four cylinder engine in stock location allowed. No after-market or racing blocks. No dry sump oil system. No titanium wrist pins allowed. Any steel rod allowed. Stock OEM production crank shaft only. No Machining of Crank other than for clean up. Any distributor with any ignition box or stock ignition allowed. No vacuum pumps allowed.

4-5. Factory Production heads only - No aftermarket heads allowed. All heads must be stamped with factory casting numbers. Gasket matching is allowed, porting and polishing is allowed. Only Factory aluminum heads allowed, if engine did not come with a factory aluminum head option, then you cannot use an aluminum head, a factory steel head is then required. Aftermarket cams allowed.

4-6. Headers are allowed. Mufflers are mandatory and exhaust should exit away from driver. Max 95db's as per track rule. Catalytic converters must be removed.

4-7. One 2 barrel carb maximum 500cfm. Adaptors and/or spacing plates allowed

4-8. Aftermarket Ignition coils allowed

4-9. Solid engine mounts allowed

4-10. Electric fuel pumps are allowed, but must be wired into an oil pressure, inertia switch or mercury switch system, to prevent them from running when engine has lost oil pressure or during a rollover situation. Consult class Rep.

4-12. Gear ratios may be changed. Spool, locker or limited slip allowed. No welding of Differential allowed.

4-13. Fuel injected engines: Injectors no larger than 450cc/min or 42lbs/hr. if requested for tech, driver must submit injectors to be tested for flow. The intent of this rule is the limiting factor for even competition, much like maximum carburetor size.

4-14. Racing oil pans allowed

4-15. Drive shafts/Drive axles must be painted white w/ car number on shaft

4-16. Any 4cyl engines allowed within family line. (Ford to Ford, Honda to Honda ,etc)- North American Production ONLY , No Overseas or Branded Motors ( Cosworth , Spoon, Nismo , etc)

4-17. No Antifreeze in cooling system. Water only

4-18. Pump Gas only . No Racing Fuel allowed. Any fuel containing any type of alcohol will not be allowed, No nitro, methonal ,E85, or exotic fuels

4-19. Factory Computers (ECM) only. Programmers / Chips allowed.

4-20. Engine must be in factory location. No set back or off set Engine locations

4-21. Transmission/drive train must be same make as chassis ( Honda to Honda , Chevy to Chevy ,etc). Any Driveshaft/Drive axles allowed.

## **5-Wheels and Tires**

5-1. 13in-15in wheels allowed, must be steel.

5-2. 1in wheel nuts mandatory when Aftermarket racing rims are being used. If stock wheels are used stock wheel nuts allowed.

5-3. Street or dirt type racing tires allowed... no altering of tires ie. No siping, grooving, soaking, etc.

5-4. Offsetting of rims allowed, no less than 4" back space allowed. This isn't an open wheel class.

5-5. Max of 8in wheel width.

### 6-Brakes

6-1. Factory brakes only, no brake swaps, no ABS, race pads allowed.

6-2. All 4 brakes must work on car at the start of the race day.

6-3. Aftermarket Brake Pedal Assemblies allowed.

6-4. Adjustable proportioning valves allowed, must be out of drivers reach.

## **7-Seat and Driver Safety**

7-1. Cars must have a safety approved SFI aluminum bucket seat.

7-2. Seat is to be mounted securely to the roll cage with a minimum of four 5/16inch bolts, subject to Tech. approval.

7-3. Seats will have headrests supported by roll cage.

7-4. Cars must have an approved SFI 5-point harness minimum mounted to the roll cage.

7-5. Shoulder belts must be mounted level with shoulder +/- 5 degrees. Belt certification is 5 years maximum.

7-6. Drivers window must have an approved SFI safety net with a quick release catch at the top. Mounted with minimum 3/8-inch diameter unthreaded steel rod top and bottom. Window net certification is 5 years maximum.

7-7. SNELL 2010 or newer Helmet required

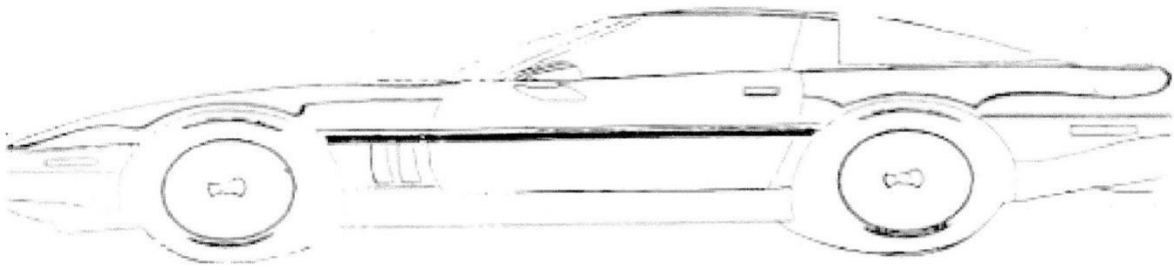
7-8. Doughnut style neck brace required minimum. HANS style device highly recommended.

### **READ THIS:**

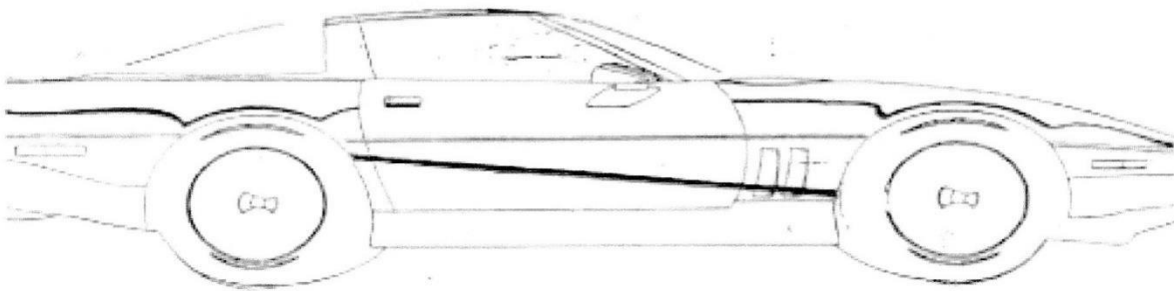
**If there is an item not covered or you're not sure about something in these rules, have it approved by the tech Inspector or leave it stock!**

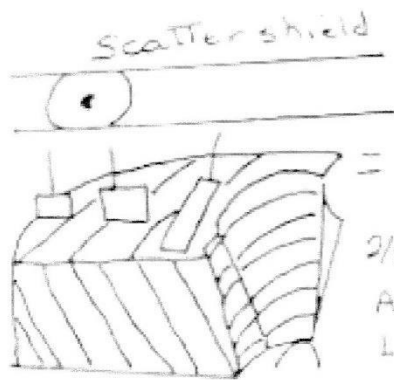
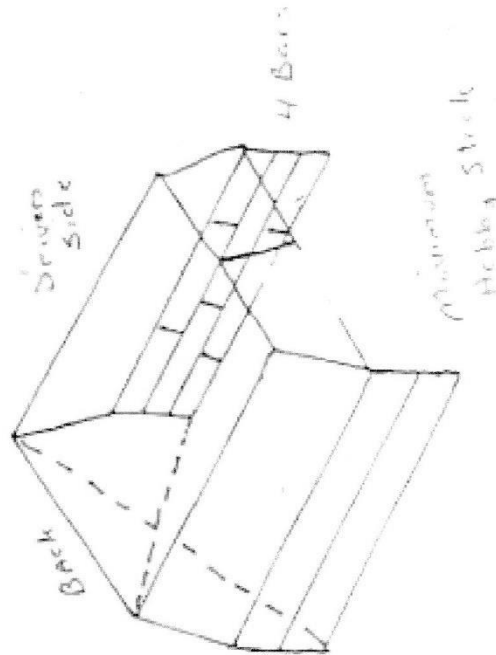
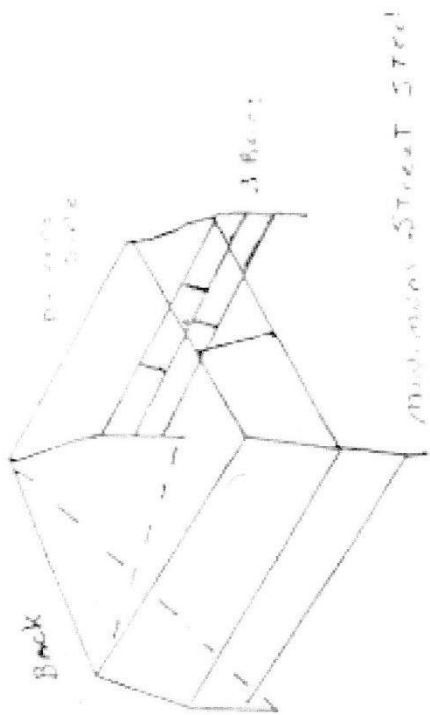
**IF IT DOESN'T SAY YOU CAN DO IT,**

**ASK YOUR CLASS REP FIRST!!**



DRIVERS SIDE VIEW OF RUB RAIL  
LEFT SIDE





2/3 of Hump Shaded in  
Anything in Direct  
Line to driver.










1/4" min plate steel  
Bar attaching it  
to roll cage

- 
- 
- 
- 
-

•

## • FLAG RULES (ALL CLASSES)

**Any driver who does not obey the flags will be subject to disqualification and or fined. Drivers must have a definite understanding of the flags before racing.**

 <b>GREEN FLAG</b>	Start of race or qualifying lap
 <b>YELLOW FLAG</b>	Caution – go slow, single file, hold position. No passing
 <b>RED FLAG: DANGER!</b>	come to a controlled Stop
 <b>BLACK FLAG</b>	Go to pit at once for consultation
 <b>BLUE FLAG</b>	going to slow, pull over, let faster traffic go by
 <b>RED WHITE CROSS</b>	Ambulance needed on track
 <b>WHITE FLAG</b>	One lap to go
 <b>CHECKERED FLAG</b>	End of race or qualifying lap
 <b>BLACK w YELLOW DOT</b>	Mechanical flag, go to pit for consultation

If there are only (3) three cars remaining/starting in a class, classes will be run together. When no changes occur for (3) three laps a race can be called half way through.