



# 2025 XMR Oval Racing Rules

Note – **yellow highlights are changes for 2025**  
For questions please call: Forrest Reiff 970-948-1170

## 1. General rules for all classes:

- 1.1. **There will be a minimum of 3 entries to make a class.** If the class that you registered for does not have enough entries, you may enter the next larger CC class. THIS WILL BE ENFORCED
- 1.2. Working tail lights are required. Tail light may be attached to the helmet. Brake lights are highly recommended. (All glass or plastic lights need to be taped or removed to prevent shattering)
- 1.3. A qualified working Safety Tether Switch MUST be installed. (No homemade Safety Tether Switch's)
- 1.4. Snowmobile Clutch Guards - all sleds must have a clutch guard that covers the primary and secondary clutches. The Stock Clutch Guard is preferred. If a homemade clutch guard is installed, it must cover both clutches and belt. More is better. If XMR officials feel a clutch guard is under sized, you must add more to be legal.
- 1.5. Mod sleds must have an enclosed clutch guard with Kevlar belting covering the top of the clutch guard. Adding belting to stock and super stock classes is recommended.
- 1.6. Snowmobiles must have visible numbers on both sides of the hood, preferably 6" in height and fluorescent colored.
- 1.7. Competition carbides allowed in all classes except Barn-Find & Junior Mini

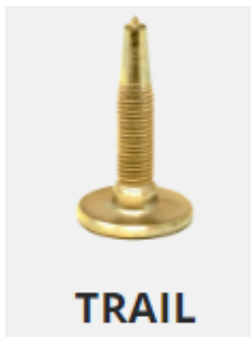


**Competition Carbide**

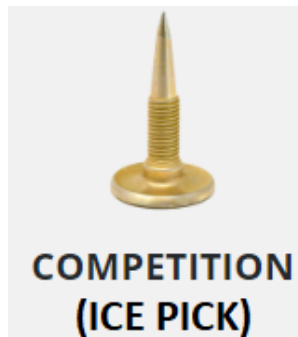


**Round Bar (Trail) Carbide**

- 1.8. Brake upgrades allowed in all classes, no homemade brake components.
- 1.9. Barn-Find classes will only be allowed to run trail studs in the center band of track only, no ice picks.
- 1.10. Studding or picking on the outer bands of the track will be allowed if there is a tunnel enclosure installed (All classes except Barn-Find & Junior Mini). Tunnel enclosure is required for any sled with ice picks. Studs or picks may not extend more than 3/8" past track lug.



**TRAIL**



**COMPETITION  
(ICE PICK)**



## SNOWMOBILE RACING

- 1.11. No exposed tracks, snow flap must be in place for all snowmobile racing classes.
- 1.12. Any snowmobile with a track lug greater than 1" must tie down snow flap and snow flap must touch the ground when racer is on the snowmobile. Track must be at least 1" or taller to use Kold Kutter ice screws.
- 1.13. Appeals: Any appeals to the point's log postings must be done within 5 days after being posted. No Exceptions.
- 1.14. Racers not coming to the starting line will receive a DNS. If a DNS occurs in any qualifying heat or main event, a racer will receive no points. If a mechanical failure occurs, racers can switch machines for the next heat or main as long as the machine meets the class rules.
- 1.15. Racers will receive a DNF if they start the race but do not take the checkered flag. The racer that receives a DNF will receive last place points for that race regardless of whether the race is a qualifying heat or the main event.
- 1.16. Not checking in with Score Keeping after each race **may result** in a DNS and/or DNF. NO EXCEPTIONS
- 1.17. Stock class sleds may enter Super Stock and Mod if the engine size doesn't exceed the class limit.
- 1.18 Super Stock sleds may enter in Mod if the engine size does not exceed the class limit.
- 1.19 Stock class snowmobiles may update carburetors to round slides of same size and number as stock for year, make & model
- 1.20 Super Stock snowmobiles may update carburetors to round slides of any size.
- 1.21 Stock, Super Stock snowmobiles may update drive clutch.
- 1.22 Stock air intake / airbox systems are not required on stock and super stock snowmobiles.
- 1.23 All classes, cylinder overbore limited to .040 (1mm)
- 1.24 All classes (with exception of Barn Find) may use competition handle bars and hooks.

## 2. Driver Safety Equipment:

- 2.1. Use of a full coverage D.O.T. or Snell Qualified Helmet is mandatory. The helmet needs to be primarily bright orange for visibility purposes. You can use orange duct tape if needed.
- 2.2. The use of upper body protection equipment is mandatory. Qualified Snowmobile Tec Vests are highly recommended. New motocross tech vests are acceptable.
- 2.3. Shin guards are recommended.
- 2.4. XMR OFFICIALS WILL HAVE THE FINAL SAY WHEN IT COMES TO THE SAFETY OF DRIVERS AND RACE SNOWMOBILES.
- 2.5 Eligible racers may submit \$100 to the Rules director if they feel a competitor is in violation of a rule. If a rule violation is found, the eligible racer will be refunded the \$100 and the violator's snowmobile will be disqualified for the event. If no violation is found, the competitor will receive the \$100.



## Specialty Classes - JR, Women's, Masters, Senior, and Barn Find

### 1. Junior Mini

- ☑ Age limit 10 and under
- ☐ 200 cc max

### 2. Junior Mini Mod

- ☑ Any mini snowmobile up to 212 cc

### 3. Junior – Sport 340 (JR Mini Racers May Race in JR Sport with Racer Director Approval)

- ☑ 340 cc max
- ☑ Stock fan cooled, free air & liquid cooled sleds may enter this class.
- ☑ Stock classic vintage & barn find snowmobiles qualify.

### 4. Junior - Expert

- ☑ 0-600cc Stock Fan Cooled/Free Air snowmobiles may enter this class.
- ☑ 0-440cc Stock liquid cooled snowmobile may enter this class. ( No MXZ, XCR, ZR SNO PRO race sleds)
- ☑ A Junior Expert racer may also enter in the flowing classes with qualifying race snowmobile & directors' approval.
  - 340 fan cooled, 340 stock, 0-550 classic, Woman's and fan cool MOD classes.

### 5. Women's (up to 600cc fan cooled snowmobiles)

- ☑ 0-550 Free air and Liquid cooled Stock & Super Stock Sleds may enter into this class.
- ☑ Classics, vintage, super stock qualify. (No mod sleds)

### 6. Masters Age 50 and Older

- ☑ 0-550 Free air, Fan cooled, and liquid cooled sleds all run in this class. (Stock and Super Stock only – No mod sleds)
- ☑ Leaf spring & classics

### 7. Seniors Age 60 and Older

- ☑ 0-550 Free air, Fan cooled, and Liquid cooled sleds all run in this class. (Stock and Super Stock only – No mod sleds)
- ☑ Leaf spring & classics
- ☑ Drivers 50 and older can race in this class, providing they do not run in a Super Stock, Mod or Outlaw classes.

### 8. Barn Find vintage and classic / NEW RACER (up to 600cc fan cooled snowmobiles)

- ☑ 0-550 Free air and liquid snowmobiles
- ☑ The use of trail studs in the center of the track and round bar carbides only.
- ☑ Vintage AND classic snowmobiles will race in this class.
- ☐ NO Mod Class or Super Stock Sleds allowed
- No competition handle bars, bar end hooks allowed



## Stock Vintage Classes = leafers

### 9. 0-340 Fan Cooled Stock Class (Vintage)

- ☑ Fan cooled only.
- ☐ Leaf Spring sleds only
- ☐ Cleated tracks will be allowed to run if all the track cleats are in good working order. If you intend on running a cleated track, you will need to have a "Race Tech" inspect the track cleats prior to registration of each race weekend.
- ☐ No modification to cleats or wear bars.
- ☐ No re-sleeving or larger displacement motor parts allowed.
- ☐ No modification to engine, chassis, **competition handle bars are allowed**. A bolt on hook may be added to the handle bars.
- ☐ Removal of stock parts or replacing stock parts with lightweight parts to achieve weight reduction is not allowed.
- ☐ Skis must be stock width.
- ☑ JR expert racers will be allowed to race in this class with qualifying 0 – 340 Fan Cooled Stock sled.

### 10. 0-340 Stock (Vintage)

- ☑ Stock Liquid cooled, Free Air and Fan Cooled Sleds can enter this class.
- ☑ Leaf Spring only
- ☑ Cleated tracks will be allowed to run if all the track cleats are in good working order. If you intend on running a cleated track you will need to have a "Race Tech" inspect the track cleats prior to registration of each race weekend
- ☑ No modification to cleats or wear bars.
- ☑ No re-sleeving or larger displacement motor parts allowed.
- ☑ Track upgrades are allowed, maximum lug height is 0.75".
- ☑ No modification to engine, chassis, **competition handle bars are allowed**. A bolt on hook may be added to the handle bars.
- ☑ Removal of stock parts or replacing stock parts with lightweight parts to achieve weight reduction is not allowed.
- ☑ Skis must be stock width.
- ☑ JR expert racers will be allowed to race in this class with qualifying 340 snowmobile.

### 11. 0-500 Fan Cooled Stock (Vintage)

- ☑ Fan cooled only.
- ☑ Leaf Spring sleds only.
- ☑ Cleated tracks will be allowed to run if all the track cleats are in good working order. If you intend on running a cleated track you will need to have a "Race Tech" inspect the track cleats prior to registration of each race weekend.
- ☑ No modification to cleats or wear bars.
- ☑ No re-sleeving or larger displacement motor parts allowed.
- ☑ Track upgrades are allowed, maximum lug height is 0.75".
- ☑ No modification to engine, chassis, **competition handle bars are allowed**. A bolt on hook may be added to the handle bars.
- ☑ Removal of stock parts or replacing stock parts with lightweight parts to achieve weight reduction is not allowed.
- ☑ Skis must be stock width.



**SNOWMOBILE RACING**

## 12. 0-500 Liquid Stock / Free Air Stock (Vintage)

- Liquid cooled and free air sleds run in this class. (Stock Fan Cooled Sleds can enter this class).
- Leaf Spring only.
- Cleated tracks will be allowed to run if all the track cleats are in good working order. If you intend on running a cleated track you will need to have a "Race Tech" inspect the track cleats prior to registration of each race weekend.
- No modification to cleats or wear bars.
- No re-sleeving or larger displacement motor parts allowed.
- Track upgrades are allowed, maximum lug height is 0.75"
- No modification to engine, chassis, competition handle bars are allowed. A bolt on hook may be added to the handle bars.
- Removing of stock parts or replacing stock parts with lightweight parts to achieve weight reduction is not allowed  Skis must be stock width

## Super Stock Classes

### 13. 0-340 Super Stock (Vintage)

- Liquid cooled, Free Air and Fan Cooled sleds all run in this class.
- Leaf spring chassis only
- Motor modifications (milling porting & boring) are allowed
- NO use of larger displacement cylinders
- NO re-sleeving to oversized bore, NO stroker crank shafts
- The motor & pipe MUST appear 100% stock from the outside
- Must run OEM exhaust & ignition
- Any snowmobile brand OEM primary clutch allowed
- Any snowmobile brand OEM secondary clutch allowed. No roller secondary clutches allowed
- Aftermarket race skis allowed
- Engine must match make, model and chassis
- Track upgrades are allowed. Maximum lug height is 1.0
- Engine casting numbers must be legible & not modified
- Mod/race style seat and gas tanks allowed. Any OEM snowmobile seat and gas tank is allowed
- Ski spreaders allowed. 3" max per ski

### 14. 0-500 Fan Cooled Super Stock (Vintage)

- Fan cooled only
- Leaf spring chassis only
- Motor modifications (milling porting & boring) are allowed, no liquid or free engine components allowed.
- NO use of larger displacement cylinders
- NO re-sleeving to oversized bore, NO stroker crank shafts
- The motor & pipe MUST appear 100% stock from the outside
- Must run OEM exhaust & ignition
- Any snowmobile brand OEM primary clutch allowed
- Any snowmobile brand OEM secondary clutch allowed. No roller secondary clutches allowed
- Aftermarket race skis allowed
- Engine must match make, model and chassis of manufacture
- Track upgrades are allowed. Maximum lug height is 1.0"



**SNOWMOBILE RACING**

- Any ignition is allowed

- Re-sleeving to max displacement of class is allowed
- You cannot re-sleeve a motor or stroke a motor past cc limit of class
- Engine casting numbers must be legible & not modified

### 15. 0-500 Free Air Super Stock (Vintage)

- All Free Air sleds run in this class (Fan Cooled Sleds 0-550cc can enter into this class)
- Leaf spring chassis only
- Motor modifications (milling porting & boring) are allowed
- NO use of larger displacement cylinders
- NO re-sleeving to oversized bore, NO stroker crank shafts
- The motor & pipe MUST appear 100% stock from the outside
- Must run OEM exhaust & ignition
- Any snowmobile brand OEM primary clutch allowed
- Any snowmobile brand OEM secondary clutch allowed. No roller secondary clutches allowed
- Aftermarket race skis allowed
- Engine must match make, model and chassis of
- Track upgrades are allowed. Maximum lug height is 1.0"
- Engine casting numbers must be legible & not modified
- Mod/race style seat and gas tanks allowed. Any OEM snowmobile seat and gas tank is allowed
- Ski spreaders allowed. 3" max per ski

### 16. 0-500 Liquid Super Stock (Vintage)

- Liquid cooled sleds all run in this class. (Free Airs and Fan Cooled Sleds can enter into this class)
- Leaf spring chassis only
- Motor modifications (milling porting & boring) are allowed
- NO use of larger displacement cylinders
- NO re-sleeving to oversized bore, NO stroker crank shafts
- The motor & pipe MUST appear 100% stock from the outside
- Must run OEM exhaust & ignition
- Any snowmobile brand OEM primary clutch allowed
- Any snowmobile brand OEM secondary clutch allowed. No roller secondary clutches allowed
- Aftermarket race skis allowed
- Engine must match make, model and chassis
- Track upgrades are allowed. Maximum lug height is 1.0
- Engine casting numbers must be legible & not modified
- Mod/race style seat and gas tanks allowed. Any OEM snowmobile seat and gas tank is allowed
- Ski spreaders allowed. 3" max per ski

### Mod Classes (Vintage)

#### 17. 0-340 Mod (Vintage)

- Free air, Fan cooled, and liquid cooled sleds all run in this class
- The motor manufacture and the chassis manufacture do not need to match
- Any hood is allowed
- Any ignition is allowed
- Re-sleeving to max displacement of class is allowed
- You cannot re-sleeve a motor or stroke a motor past cc limit of class
- Engine casting numbers must be legible & not modified



**SNOWMOBILE RACING**

### 18. 0-500 MOD (Vintage)

- ☒ Free air, Fan cooled and Liquid cooled sleds all run in this class
- ☒ The motor may be classics class qualifying motors. 500cc & below. Leaf springs only – No IFS chassis. ☒  
The motor manufacture and the chassis manufacture do not need to match
- ☒ Any hood is allowed
- ☒ See classics class rules for engine options 0 – 500cc
- ☒ Engine casting numbers must be legible & not modified

### Classics Classes = independent front suspension

Classics class sleds are designated as:

- Yamaha – any Yamaha snowmobile with carburetors
- Ski-Doo – any Ski-Doo with trailing arms 0 - 700cc
- Polaris – any Polaris with trailing arms. NO Pro X, NO edge sleds. 0 - 700cc
- Arctic Cat – No lay down motor sleds, NO Firecat, NO F-Series, NO M-series. 0 - 700 cc

### 19. Classics Stock– FAN

- ☒ IFS and Leaf Spring Fan cooled sleds run in this class
- ☒ No modification to handlebars, competition handle bars are allowed. A bolt on hook may be added to the handlebars.
- ☒ No re-sleeving or larger displacement motor parts allowed
- ☒ No modification to engine or chassis
- ☒ No removing of stock parts or replacing of stock parts with aftermarket lightweight parts for weight reduction ☒  
Performance enhancing engine parts not allowed
- ☒ Any bolt on OEM parts are allowed

### 20. 0-550 Classics Stock– up to 600cc fan cooled snowmobiles

- ☐ IFS, 0-550cc free air and liquid cooled.
- ☐ IFS and Leaf Spring may race in this class
- ☐ No modification to handlebars, **competition handle bars are allowed**. A bolt on hook may be added to the handle bars.
- ☐ No re-sleeving or larger displacement motor parts allowed
- ☐ No modification to engine or chassis
- ☐ No removing of stock parts or replacing of stock parts with aftermarket lightweight parts for weight reduction
- ☐ Performance enhancing engine parts not allowed
- ☐ Any bolt on OEM parts are allowed



## 21. 0-600 Classics Stock– 600cc

- ☒ IFS, free air, Fan cooled and liquid cooled sleds all run in this class
- ☒ IFS and Leaf Spring may race in this class
- ☒ No modification to handlebars, competition handle bars are allowed. A bolt on hook may be added to the handle bars.
- ☒ No re-sleeving or larger displacement motor parts allowed
- ☒ No modification to engine or chassis
- ☒ No removing of stock parts or replacing of stock parts with aftermarket lightweight parts for weight reduction
- ☒ Performance enhancing engine parts not allowed
- ☒ Any bolt on OEM parts are allowed

## 22. 0-700 Classics Stock– 700cc – Up to 1000cc 4 Stroke

- ☒ IFS, free air, Fan cooled and liquid cooled sleds all run in this class
- ☒ IFS and Leaf Spring may race in this class
- ☒ No modification to handlebars, **competition handle bars are allowed**. A bolt on hook may be added to the handle bars, **no** welded-on additions.
  
- ☒ No re-sleeving or larger displacement motor parts allowed
- ☒ No modification to engine or chassis
- ☒ No removing of stock parts or replacing of stock parts with aftermarket lightweight parts for weight reduction.
- ☒ Performance enhancing engine parts not allowed
- ☒ Any bolt on OEM parts are allowed

## 23. 0-500 Fan Cooled Mod IFS

- ☒ IFS and vintage fan cooled sleds will run in this class
- ☒ The motor manufacture and the chassis manufacture do not need to match
- ☒ Any hood is allowed
- ☒ Any ignition is allowed
- ☒ **engine must have full fan shrouds and fan cooling assembly via axial fan or flywheel fan**
- ☒ Engine casting numbers must be legible & not modified
- ☐ No NOS, Turbo, Super Charger

## 24. 0 - 500cc MOD IFS

- ☒ Classic and Vintage, free air, Fan cooled, and liquid cooled sleds all run in this class
- ☒ The motor manufacture and the chassis manufacture do not need to match
- ☒ Any hood is allowed
- ☒ No NOS, Turbo, Super Charger

## 25. 0 - 600cc MOD IFS

- ☒ Classic and Vintage, free air, Fan cooled, and liquid cooled sleds all run in this class
- ☒ The motor manufacture and the chassis manufacture do not need to match
- ☒ Any hood is allowed
- ☒ No NOS, Turbo, Super Charger

## 26. 0-700cc MOD Outlaw IFS

- ☒ Classic and Vintage, free air, Fan cooled and liquid cooled sleds all run in this class
- ☒ The motor manufacture and the chassis manufacture do not need to match
- ☒ Let your creativity run wild
- ☒ No NOS, Turbo, Super Chargers, Jet engines or propellers