



2020 XMR Oval Racing Rules

Note – yellow highlights are changes for 2020

Please read all rules to keep up to date

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 register for does not have enough entries, you may enter the next larger CC class
- 1.2. Working Tail Lights are not required although a working Tail Light is recommended. (All glass or plastic lights need to be taped or removed to prevent shattering)
- 1.3. Qualified working Safety Tether Switch. (No homemade Safety Tether Switch's)
- 1.4. Snowmobile Clutch Guards - all sleds will need to have the clutch guard that covers the primary and secondary clutches. The Stock Clutch Guard is preferred, if homemade clutch guard is made it must cover both clutches and belt. More is better. If XMR officials feel a clutch cover is under sized, you must add more to be legal
- 1.5. Mod sleds will need to have an enclosed clutch guard with Kevlar belting covering the top of the clutch guard
- 1.6. Snowmobiles must have visible numbers on both sides of the hood preferably 8" in height – fluorescent colors preferred
- 1.7. Stock class snowmobiles will now be allowed to run studs in center band of track track and round bar carbides
- 1.8. Additional studding on the outer bands of the track will be allowed if there is a tunnel enclosure installed. (for super stock classes and mod classes) NO studs allowed for barn find classes
- 1.9. Studding on the center band of the track is allowed in all classes except barn find class
- 1.10. No exposed tracks, snow flap must be in place for all snowmobile racing classes
- 1.11. Appeals: Any appeals to the point's postings must be done within 10 days after being posted
- 1.12. DNS (Did Not Start) & DNF (Did Not Finish) is defined as:
 - 1.12.1. 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
 - 1.12.2. 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
 - 1.12.3. Not checking in with score keeping after each race may result in a DNS and/or DNF
 - 1.12.4. If a mechanical failure occurs, racers can switch machines for the upcoming qualifying heat or main event
- 1.13. Stock class sleds may enter into Super Stock and Super Mod as long as the motor size doesn't exceed the class limit
- 1.14. Super stock sleds may enter into Super Mod as long as the motor size does not exceed the class limit



SNOWMOBILE RACING

2. Driver Safety Equipment:

- 2.1. Full coverage D.O.T. or Snell Qualified Helmet. The helmet needs to be primarily bright orange for visibility purposes. At a minimum the back of the helmet needs to be mostly orange. 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
- 2.3. Shin guards are recommended

2.4. XMR OFFICIALS WILL HAVE THE FINAL SAY WHEN IT COMES TO SAFTY OF DRIVERS AND RACE SNOWMOBILES

JR, Women's, Masters, Senior, Barn Find & Show Classes

1. Junior – Sport

- 0-550 Stock Fan Cooled & 0-400cc Stock Free Air & LC Sleds may enter into this class
- Stock classic vintage & barn find snowmobiles qualify
- **The use of studs in the center of the track and round carbides will be allowed**

2. Junior - Expert

- 0-550 Stock Fan Cooled & 0-400cc Stock Free Air & LC Sleds may enter into this class
- Stock classic, vintage & barn find snowmobiles qualify
- **The use of studs in the center of the track and round carbides will be allowed**

3. Women's Age 18 and Older

- **0-550 Stock & Super Stock Sleds may enter into this class**
- Classics-stock-vintage-super stocks qualify. (Stock and Super Stock only – No mod sleds)
- Studded and Non-Studded sleds will run in this class

4. 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
- Studded and Non-Studded sleds will run in this class

5. Seniors Age 60 and Older

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

6. Barn Find Vintage = leaf spring sleds

- 0-550
- **No track studs allowed, NO carbides will be allowed**
- **XMR qualifying vintage snowmobiles will race in this class**
- **NO Mod Class Sled**

7. Barn Find Classics = independent front suspension sleds

- 0-700
- **No track studs allowed, round bar carbides will be allowed**
- **XMR qualifying classics snowmobiles will race in this class**



- NO Mod Class Sleds

Stock Classes

1. Single Cylinder Stock (Vintage)

- Fan cooled only
- Leaf Spring sleds only
- The use of studs in the center of the track and round carbides will be allowed
- 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 ware bars
- No resleeving or larger displacement motor parts allowed
- Over boring to what stock cylinder sleeve will allow is allowed
- Track upgrades are allowed, maximum lug height is 0.75"
- No modification to engine, chassis, or handle bars, handle bars must be stock for sled model
- Removing of stock parts or replacing stock parts with lightweight parts to achieve weight reduction is not allowed
- Skis must be stock width

2. 0-340 Fan Cooled Stock (Vintage)

- Fan cooled only
- Leaf Spring sleds only
- The use of studs in the center of the track and round carbides will be allowed
- 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 ware bars
- No resleeving or larger displacement motor parts allowed
- Over boring to what stock cylinder sleeve will allow is allowed
- Track upgrades are allowed, maximum lug height is 0.75"
- No modification to engine, chassis, or handle bars, handle bars must be stock for sled model
- Removing of stock parts or replacing stock parts with lightweight parts to achieve weight reduction is not allowed
- Skis must be stock width

3. Relic Trail Stock (Vintage)

- 1975 or older Fan cooled, non-Jackshaft trail snowmobiles
- Any year stock single Cylinder Vintage snowmobiles
- 440cc and below twin Cylinder Vintage snowmobiles
- No factory race or limited build race sleds
- Updated Round slide carbs allowed
- Updated Primary clutch, (for safety)
- JR racers will be allowed to race in this class with qualifying Relic Trail/single cylinder snowmobile
- Leaf Spring sleds only
- The use of studs in the center of the track and round carbides will be allowed
- 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 ware bars
- No resleeving or larger displacement motor parts allowed
- Over boring to what stock cylinder sleeve will allow is allowed



- Track upgrades are allowed, maximum lug height is 0.75"
- No modification to engine, chassis, or handle bars, handle bars must be stock for sled model
- Removing of stock parts or replacing stock parts with lightweight parts to achieve weight reduction is not allowed
- Skis must be stock width

4. 0-550 Fan Cooled Stock (Vintage)

- Fan cooled only
- Leaf Spring sleds only
- The use of studs in the center of the track and round carbides will be allowed
- 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 ware bars
- No resleeving or larger displacement motor parts allowed
- Over boring to what stock cylinder sleeve will allow is allowed
- Track upgrades are allowed, maximum lug height is 0.75"
- No modification to engine, chassis, or handle bars, handle bars must be stock for sled model
- Removing of stock parts or replacing stock parts with lightweight parts to achieve weight reduction is not allowed
- Skis must be stock width

5. 0-500 Free Air Stock (Vintage)

- All Free Air sleds run in this class. (Fan Cooled Sleds 0-550cc may enter into this class)
- Leaf Spring only
- The use of studs in the center of the track and round carbides will be allowed
- 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 ware bars
- No resleeving or larger displacement motor parts allowed
- Over boring to what stock cylinder sleeve will allow is allowed
- Track upgrades are allowed, maximum lug height is 0.75"
- No modification to engine, chassis, or handle bars, handle bars must be stock for sled model
- Removing of stock parts or replacing stock parts with lightweight parts to achieve weight reduction is not allowed
- Skis must be stock width

6. 0-500 Liquid Stock (Vintage)

- Liquid cooled sleds run in this class. (Stock Free Air and Fan Cooled Sleds can enter into this class)
- Leaf Spring only
- The use of studs in the center of the track and round carbides will be allowed
- 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 ware bars
- No resleeving or larger displacement motor parts allowed
- Over boring to what stock cylinder sleeve will allow is allowed
- Track upgrades are allowed, maximum lug height is 0.75"
- No modification to engine, chassis, or handle bars, handle bars must be stock for sled model
- 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

1. 0-550 Fan Cooled Super Stock (Vintage)

- Fan cooled only
- Leaf spring chassis only
- Motor modifications (milling porting & boring) are allowed
- Maximum over bore allowable by stock sleeve
- NO use of larger displacement cylinders
- NO resleeving 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
- **Stock metal Production skis, NO aftermarket race skis.**
- Motor and chassis manufacture must match
- Track upgrades are allowed. Maximum lug height is 1.0"
- Engine casting numbers must be legible & not modified
- **2020 will be the last year a super stock sled will be able to run an aftermarket race gas tank and race seat.**

2. 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
- Maximum over bore allowable by stock sleeve
- NO use of larger displacement cylinders
- NO resleeving 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
- **Stock metal Production skis, NO aftermarket race skis**
- Motor and chassis manufacture must match
- Track upgrades are allowed. Maximum lug height is 1.0"
- Engine casting numbers must be legible & not modified
- **2020 will be the last year a super stock sled will be able to run an aftermarket race gas tank and race seat**

3. 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
- Maximum over bore allowable by stock sleeve
- NO use of larger displacement cylinders
- NO resleeving 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
- **Stock metal Production skis, NO aftermarket race skis**
- Motor and chassis manufacture must match
- Track upgrades are allowed. Maximum lug height is 1.0



- Engine casting numbers must be legible & not modified
- 2020 will be the last year a super stock sled will be able to run an aftermarket race gas tank and race seat

Mod Classes

1. 0-400 Super Mod (Vintage)

- Free air, Fan cooled and liquid cooled sleds all run in this class
- The motor must be 1985 and older. Leaf springs only – No IFS chassis
- The motor manufacture and the chassis manufacture do not need to match
- Silencers are not required
- Any hood is allowed
- Any ignition is allowed
- Belt drive systems are not allowed
- The use of 1986 & newer cylinder & cylinder head will NOT be allowed
- Resleeving to max displacement of class is allowed
- You cannot resleeve a motor or stroke a motor past cc limit of class
- Engine casting numbers must be legible & not modified

2. 0-500 Super Mod (Vintage)

- Free air, Fan cooled and liquid cooled sleds all run in this class
- The motor must be 1985 and older. Leaf springs only – No IFS chassis
- The motor manufacture and the chassis manufacture do not need to match
- Silencers are not required
- Any hood is allowed
- Any ignition is allowed
- Belt drive systems are not allowed
- The use of 1986 & newer cylinder & cylinder head will NOT be allowed
- Resleeving to max displacement of class is allowed
- You cannot resleeve a motor or stroke a motor past cc limit of class
- Engine casting numbers must be legible & not modified

3. 0-500 Outlaw (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
- Silencers are not required
- Any hood is allowed
- Any ignition is allowed
- Belt drive systems are allowed
- See classics class rules for engine options
- (Call for clarification) 303.888.9378

4. 0-700 Outlaw (Vintage)

- Free air, Fan cooled and Liquid cooled sleds all run in this class
- Up 800cc 1989 and older motors allowed
- The motor may be classics class qualifying motors. 700cc & below. Leaf springs only – No IFS chassis.
- (Call for clarification)
- The motor manufacture and the chassis manufacture do not need to match
- Silencers are not required
- Any hood is allowed



- Any ignition is allowed
- Belt drive systems are allowed
- See classics class rules for engine options
- (Call for clarification) 303.888.9378

Classics Classes

Classics class sleds are designated as:

Yamaha – any Yamaha snowmobile with carburetors

Ski-Doo – any Ski-Doo with trailing arms 700cc and below

Polaris – any Polaris with trailing arms. NO Pro X, NO edge sleds. 700cc and below

Arctic Cat – No lay down motor sleds, NO Firecat, NO F-Series, NO M-series. 700 cc and below

Call for clarification if needed 303.888.9378

1. 0-550 Classics Stock– 550cc Max

- IFS, free air, Fan cooled and liquid cooled sleds all run in this class
- IFS and Leaf Spring may race in this class
- The use of studs in the center of the track and round carbides will be allowed
- No modification to carbides
- No resleeving or larger displacement motor parts allowed
- No modification to engine or chassis over bore to what stock sled sleeve will allow
- 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

2. 0-700 Classics Stock– 700cc Max

- IFS, free air, Fan cooled and liquid cooled sleds all run in this class
- IFS and Leaf Spring may race in this class
- The use of studs in the center of the track and round carbides will be allowed
- No modification to carbides
- No resleeving or larger displacement motor parts allowed
- No modification to engine or chassis over bore to what stock sled sleeve will allow
- 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

3. 0-700cc Classics Mod – 700cc Classic Engine Max

- IFS, free air, Fan cooled and liquid cooled sleds all run in this class
- Up 800cc 1989 and older motors allowed
- The motor manufacture and the chassis manufacture do not need to match
- Silencers are not required
- Any hood is allowed
- Any ignition is allowed