



TROPHY TRAIL STOCK CLASSES AND RULES

500
600
700
800 + non turbo 4 strokes
850
1000

STOCK SNOWMOBILE GENERAL REQUIREMENTS

1. The Snowmobile must be all original OEM parts as sent by factory unless specified for the year, make & model
2. Stock machines must run on pump gasoline and not contain an octane higher than 94
3. Tethers ARE REQUIRED
4. Tek-vests are not required, however highly recommended
5. No change or modification is allowed unless specifically allowed by these rules. If these rules do not specifically allow a change or modification, then it must be assumed that the change or modification is not allowed.

ENGINE

1. No component of the engine may be altered, changed, reduced or enlarged from the engine manufacturer's original stock specifications, nor may any additional components be added to the engine. No removal of material whatsoever will be allowed.
2. No polishing, or porting is allowed.
3. The maximum cylinder overbore for wear cannot exceed .020 inches (1/2mm).
4. There will be no more than one cylinder base gasket to a cylinder.
5. Jet components may be changed, no modification to carburetor body is allowed.
6. On snowmobiles with OEM electronic fuel injection, commercially available electronic control modules may be added to the OEM ECU for increasing or decreasing fuel delivery only.
7. Airbox may be removed but not modified. If removed, the air box must be replaced with foam.
8. OEM Reeds and Reed blocks only.
9. Oil injection pump must remain in place and remain functional. The lines may be removed and plugged. Oil injector nozzles may be removed and holes may be plugged. Premix gasoline may be used.
10. Engine must remain OEM for the year, make & model cooling system.
11. Cooling circuits cannot be modified or removed.
12. Heat exchangers must remain OEM for the model, however can be relocated on the side, top or under the tunnel and must remain functional.
13. The complete exhaust system must remain OEM by the manufacturer for the year, make & model. This includes any internal components.
14. Harmonic balancer may not be removed



DRIVE

1. Any combination of springs, weights and ramps may be used in the clutches. There is no maximum clutch engagement RPM. No machining, grinding, cutting or welding allowed on clutches. Metal may be removed but not added to primary clutch ramps or flyweights.
2. Track sprockets/drivers must remain OEM for the brand.
3. Track drive sprockets may be changed to use a 2.52-inch pitch drive.
4. The brake system must be OEM for the model and must be fully functional.

SKI SUSPENSION & STEERING

1. OEM style steel or titanium suspension springs allowed.
2. No tying down of snowmobile suspension or slugging of shocks allowed. Must remain OEM height.
3. Shocks must remain OEM for the year, make & model and remain in the OEM location.
4. Handle bar extensions are allowed. All ends must be plugged. Any handlebar can be used.

SKIS & SKI RUNNERS

1. Any aftermarket or OEM skis are allowed. Minimum aftermarket ski length is 40 inches.
2. Skis may be reinforced but must remain in the original configuration and on the upper surface of the ski only.
3. Ski runners may be removed or replaced. Bolt holes may be covered.
4. Ski lubrication is not allowed.

TRACK SUSPENSION

1. The complete suspension must be used as OEM manufactured for the year, make & model.
2. Any steel or titanium suspension springs allowed.
3. Snow wheels and related hardware may be added to or removed from slide rails. Structural integrity must be maintained.
4. Rear axle idler wheels must remain OEM for the model. OEM for the year, make & model rear idler wheels may be added to the rear axle.
5. Shocks must remain OEM for the year, make & model and remain in the OEM location.

TRACK & TRACTION

1. The track must be OEM for the year and model (aftermarket lug tracks allowed)
2. Carbide tipped trail studs only (no chisels).
3. Snowmobile width must be OEM for the make & model.
4. No cutting, trimming or shaving of the track or rubber studs/snow lugs allowed. The track must be used as produced by the molder of the track.
5. Minimum lug height from the flat of the track is 0.75 inch (no speed tracks), the maximum lug height of a replacement track is 1 3/8 inch.
6. The track may not be reversed.
7. Track clips and guide clips may be replaced when worn. Guide clips may be removed and replaced with track clips. Track clips may be removed and replaced with guide clips. The track must retain the original number of clips with which it was produced.



FRAME & BODY

1. No chassis alterations, additions or removals are allowed.
2. Tunnel can be repaired but must remain OEM for the model length.
3. Windshield and molding may be removed.
4. No additional venting allowed.
5. The fuel tank must remain OEM for the year make & model and is the only tank that can be used for fuel supply.

IGNITION & ELECTRICAL

1. Ignition must be OEM for the year, make and model.
2. Lighting coil must remain in place.
3. OEM gauges must remain in place. Adding tachometers, and speedometers is allowed.
4. Headlight and taillight must be original OEM equipment and must remain in original mounting location. Headlight and taillight must be operational at the start of the race. Taillight cannot be battery operated.
5. Aftermarket sensors of any type can be installed on the exhaust and must be fully functional.
6. CDI/ECU module may be reprogrammed.
7. No aftermarket device allowed which interrupts ignition for launch control or traction control unless OEM for the year make & model.
8. Electrical wiring must remain in place