



**PRO EXTREME 55 CLASSES AND RULES**

**PRO EXTREME 55 SNOWMOBILE GENERAL REQUIREMENTS**

1. Tethers <b>are required</b> in Outlaw class.
2. Tek-Vests <b>are required</b> in Outlaw class.
3. Race Director shall have the authority to determine structural integrity.
4. Competition is open to any snowmobile, either production or one of a kind experimental units.
5. Maximum overall length is 144 inches

**Weight for the PRO EXTREME 55 class shall be as follows:**

Turbocharged/supercharged	750 Lbs (driver + machine)
Nitrous	650 Lbs (driver + machine)
N/A Under 1050 CC	550 Lbs (driver + machine)
N/A Over 1050 CC	600 Lbs (driver + machine)

**LIMITATIONS SINGLE POWER ADDER ONLY.**

- Turbo 4-stroke - 55mm inducer
- Turbo 2-stroke - 61mm inducer
- Supercharged 4-stroke - 68mm inducer
- Nitrous 2/4-stroke – Unlimited

**ENGINE**

1. The engine must be from a stock -qualified snowmobile. The rules committee will approve the validity of all engines. Two cycle watercraft crankcase and crankshaft from a snowmobile manufacturer may be used.
2. There is a 2000 maximum c.c. limit on total engine volume.
3. One power adder, allowed. Supercharging, turbo charging, or nitrous oxide systems are allowed, but may not be combined. Example, if a competitor adds a turbocharger to an engine, he may not also add a nitrous system.
4. Fuel injection systems are allowed.
5. Turbo Exhaust must be constructed in a manner that the exhaust outlet is not directed at the driver or competitor.
6. Maximum turbo inducer size is 55mm.
7. Exhaust system must fit within overall maximum length and width rules.
8. This is a gasoline only class, VP Import, VP Q16 are the only oxygenated fuels allowed

**DRIVE**

1. Any CVT type primary and secondary clutch may be used.
2. Primary clutch and secondary clutch may be modified.
3. Clutch cover must have full facial coverage and 360-degree elliptical coverage in the direction of clutch/belt travel. Clutch cover must be .090 inch 6061T6 aluminum or equivalent steel material and be covered with 6" belting. Other clutch cover materials not allowed. If the clutch cover is fastened to the existing belly pan, the area below the clutches (from front of cover to rear of cover and width of cover) must be covered with .090 inch 6061T6 aluminum or equivalent. If cover is .125 inch, 6061T6 aluminum or equivalent steel material, belting is recommended, but not mandatory. Clutch cover and related belting must be securely fastened.
4. Backside of clutches must be covered by a portion of the clutch cover or by a bulkhead of comparable material.
5. Pro Extreme 55 class sleds must have a twin opposed piston caliper braking system with a minimum 3/16 inch thick, 7.0-inch minimum diameter brake disc, mounted on the drive axle. Any manufactured brake disc allowed, except no aluminum brake disc may be used.



### **SKI SUSPENSION AND STEERING**

1. The front suspension must remain OEM design concept but may be changed in shape and appearance.
2. Material substitution is allowed. Replaced components acceptability for construction and strength will be at the discretion of the Technical Inspector.

### **SKIS & SKI RUNNERS**

1. Any commercially available aftermarket ski may be used.

### **TRACK SUSPENSION**

1. Must be a minimum of 2" of remaining compression travel with driver on snowmobile.

### **TRACK & TRACTION**

1. Any commercially available rubber track allowed. No cleated tracks allowed.
2. Speed tracks and suspensions are allowed.
3. Track lug height may be trimmed to a minimum of ½ inch lug height. No other track trimming allowed.
4. Minimum track width is 13.5 inches.
5. Any traction device must not extend more than ¾ inch, (.750 inch) above the highest point of the track or traction lug.

### **FRAME & BODY**

1. Snowmobile must resemble a stock model and profile. Minimum handlebar height 30" inches from ground to center of tube.
2. Aftermarket body panels and approved duplications of production bodies of any material will be permitted if OEM appearance for the declared model and brand is maintained. The hood and belly pan may be removable. One-piece hood with side panels and or air dams molded in are allowed. Hood must have top and side cowlings and must contain at least one thousand three hundred (1300) square inches.
3. Front air dams allowed. Must be a minimum of 2 inches above the ground with front suspension fully compressed.
4. Windshields are required.
5. No additional bodywork that changes stock appearance allowed.
6. Ventilation openings may be covered.
7. Suspension side skirts are prohibited.
8. Aerodynamic devices, airfoils, and wings are prohibited.
9. Openings for component accessibility are allowed.
10. Cowl, or gas tank area must blend into seat
11. Seats other than OEM stock, are allowed. Stock seats may be cut down for lower profile. All seats must be a minimum of 2" in thickness.
12. Commercially available aftermarket and custom frames are allowed. Design and structural integrity are subject to technical inspection for safety and compliance to general rules section.
13. All aftermarket and custom frame components except braces, brackets, and gussets must be manufactured from 4130 chrome moly tubing and plate or 7075, 6061, aluminum plate. Use of stock OEM bulkhead allowed, and reinforcement of same is allowed.
14. Stock tunnels may be used with any commercially available aftermarket or custom front end.
15. Motor mounts and jackshafts may be changed from original location.



16. Snowmobiles using production or aftermarket tunnels that measure less than 1/8" or .125 inch in thickness shall add additional sheet or sheets of metal to the tunnel to achieve .125 thickness. The sheet metal shall be the same width as the tunnel and shall extend from the rear of the tunnel to the horizontal centerline of the track drive axle. Tunnels 1/8-inch (.125) thick or thicker do not require this added sheet provided that the 1/8-inch (.125) tunnel extends to the horizontal centerline of the track drive axle.

#### **IGNITION & ELECTRICAL**

1. Any ignition may be used. Electrical stutter boxes launch control and traction control allowed.
2. External electric starters are legal.