

OEM for the model throttle plate (butterfly) must be used without modification.

11. Except as noted, additional fuel delivery system or pressure charging is not allowed.
12. Internal and external modifications may be made to the airbox. Airbox may be removed. Air filters may be used.
13. Oil pumps may be removed or disabled. Oil tank must be removed. Oil injector nozzles may be removed and plugged. (If oil tank and overflow tank are joined the oil tank must be disabled or the joined tanks removed.)
14. Flywheel harmonic balancer may not be removed.
15. Torque arms allowed.
16. Rigid motor mounts allowed. OEM for the model engine location must be maintained. Replacing or adding metallic engine mounts is not allowed. Replacing rubber/cushion parts with more rigid parts is allowed.
17. Cooling systems must be operational. May contain disconnects for cool down. Heat exchangers may be relocated, modified or removed.
18. Any functionally silenced exhaust system allowed. A commercially available, functionally silenced muffler/silencer must be installed and operational.

DRIVE

1. Any primary and secondary clutch may be used. Roller secondary clutches allowed.
2. Primary clutch and secondary clutch may be modified (no RPM limit).
3. Jackshafts, of like material and weight, may be changed to accommodate a clutch change. No welding allowed on a jackshaft. Steel and chromoly allowed. Titanium not allowed unless OEM for the model. OEM location of shaft must be maintained.
4. Any track drive sprocket and non-driving wheels allowed on the track drive axle. Unless specified, no changes in drive, frame, or suspension allowed to accept track drive sprockets.
5. Track drive axle and chaincase must remain OEM for the model and remain in OEM location.

SKI SUSPENSION & STEERING

1. Ski suspension and shocks must be OEM for the model and remain in OEM location.
2. Ski stance must be OEM for the model.
3. Must maintain two (2) inches of remaining compression travel with driver on snowmobile.
4. Handlebars with mountain handles may be replaced with any OEM handlebar within the brand.

SKIS & SKI RUNNERS

1. Aftermarket skis allowed. Skis must be commercially available and marketed through normal sales activity. Minimum aftermarket ski length must be 40 inches. Ski width may not be trimmed. Skis may not be interchanged between brands. Lower ski surface must remain OEM.

TRACK SUSPENSION

1. OEM for the model suspension must be used. Suspension may be moved up and down in the tunnel (limit 3 inches). OEM location must be maintained and may not protrude beyond tunnel configuration.
2. Must maintain two (2) inches of downward compression travel with driver on snowmobile.
3. Shocks must be OEM for the model and remain in OEM location.
4. Any size, material, and number of rear axle idler wheels allowed. Unless specified, no modification to chassis or suspension allowed to accept idler wheels. Rear axle may be moved upward in the slide rails to accept larger rear idler wheels.

TRACK & TRACTION

1. Any commercially available one-piece molded rubber track allowed. Track must be race designated by the molder of the track. No cleated tracks allowed. Unless specified, no modification to drive, frame or suspension allowed to install track.
2. (800 Improved Stock) Commercially available long track kits allowed. Kit must be used in its entirety.
3. Track must remain untouched (no trimming).
4. Minimum lug height is 0.500 inches.
5. Snowmobile must maintain a minimum of twenty (20) inches of track length on the course surface when snowmobile is under full power.

FRAME & BODY

1. Any chassis alterations, additions or removals, which alter stock appearance or dimensions are not allowed. Tunnel can be repaired but must maintain OEM length.
2. The OEM fuel tank must be the only tank that can be used for fuel supply. Oil injection tanks may not be used as a fuel tank.
3. Removal of any insulation that alters the outside stock appearance is not allowed.
4. Any hood or side panels that maintain stock appearance (as defined) for the make and model may be used.

IGNITION & ELECTRICAL

1. Ignition must be OEM for the model.
2. Fixed ignitions may be moved (+ or -) four (4) degrees.
3. No aftermarket device allowed which interrupts ignition for the purpose of launch control or traction control unless OEM for the model.
4. Lighting coil must remain in place.
5. A pony pac ignition system may be installed on four cylinder, 2-stroke Yamaha engines, allowing a change in the firing order to one hundred eighty (180) degrees.
6. Tachometers, speedometers and/or heat gauges may be added or removed.
7. Open instrument holes must be closed.
8. Electrical wires/wire harnesses and instrument drive cables may be removed.
9. Headlight assembly may be removed (opening must be closed). Headlight

consoles are not considered part of headlight assembly.

IMPROVED STOCK 1000 RULES

1. Minimum combined (driver and snowmobile) weight is seven hundred seventy five (775) pounds.

ENGINE

1. Any stock qualified model may be used and the engine may be bored up to class limit. A one (1) percent over class cc allowed (1010 cc).
2. Rod center to center may be changed.
3. Stroke may be changed.
4. Crankshaft may be modified or replaced.
5. Crankshaft gears may be changed.
6. Cylinders may be modified but must retain complete OEM dimensions to include crevices, bulges, etc. If an OEM cylinder is modified it must remain within .020 inches (1/2mm) per side, .040 inches (1mm) overall of the OEM cylinder outer shell dimensions. Modifications must be blended into original castings to retain OEM appearance.
7. Any aftermarket cylinder is allowed. Aftermarket cylinders must be commercially available. The outside of an aftermarket cylinder may not be modified.
8. Cylinders may not be interchanged between brands. Welding on crankcase is not an acceptable method to adapt aftermarket or other OEM cylinders to crankcase.
9. Any commercially available head allowed.
10. Intake concept and location must remain OEM for the model.
11. The reed valve mounting area on the crankcase may be modified to change reed angle. The upper surface of the intake tract may be reinforced by welding or bonding.
12. More than one OEM type fuel pump allowed.
13. Carburetors, mounting spigots and air boots may be modified or replaced. Flange can be modified internally.
14. Airbox may be removed.

TRACK & TRACTION

1. Commercially available long track kits allowed. Kit must be used in its entirety.

IGNITION & ELECTRICAL

1. Any ignition may be used. Electrical stutter boxes, launch control and traction control allowed.