

U.S. Geological Survey
SNOWMOBILE
PREVENTIVE MAINTENANCE CHECKS & SERVICES

A Pre-mission Preventive Maintenance Checks & Services Safety Inspection of your Snowmobile is important to minimize the risk of injury, breakdowns or being stranded.

Operator _____ Date _____ Supervisor _____ Date _____

Safety Inspection Procedure

T. TRACK AND SKIS

1. Check track for any wear or tears.
2. Check track for proper alignment and adjustments.
3. Check between track for any obstructions (ice, rocks, or other debris)
4. Check traction control devices for damage, wear or if missing.
5. Check skis for proper alignment and wear.
6. Check ski wearbars for wear, replace if worn.

C. CONTROLS CABLES AND BELTS

1. Check all controls and cables; make sure they are working properly.
2. Make sure throttle moves smoothly and snaps closed.
3. Check brakes, parking brake levers, and cables.
4. Check fan belt (if fan cooled)
5. Check steering linkage and handle bar position.

L. LIGHTS AND ELECTRICAL SYSTEM

1. Check ignition switch, engine stop switch, tether switch, AC outlets (if equipped).
2. Check headlamp – Hi/Lo beams, tall lamp and brake lamp.
3. Check battery, fluid levels, check for terminal corrosion.
4. Check electric start switch.

O. OIL, FUEL AND COOLANT

1. Check injection oil, engine oil, chain drive oil levels.
2. Check fuel level.
3. Check coolant fluid level.
4. Check for any fuel, oil, and coolant leaks. Properly fill all fluid levels.

S. SUSPENSION, DRIVE SHAFT, CHAIN AND CHASSIS

1. Check front & rear suspension for travel and compression. Clean of any debris.

2. Check front & rear suspension springs and shocks for loose or worn parts.
3. Check chain, inspect, lubricate and adjust. See Owner's Manual.
4. Check drive shaft front & rear. Inspect for damage, bent, loose.
5. Check chassis for any loose, worn or missing parts.
6. Check footrests. Clean of debris and secure.

M. MUFFLER/EXHAUST SYSTEM

1. Check muffler and exhaust system – if loose, cracked, missing springs or exhaust leaks.
2. Check exhaust and heat shields – if loose tighten.

T. TOOL KIT, SPARE PARTS AND OWNER'S MANUAL

1. Tool Kit – spark plug wrench, pliers, wrenches, screwdrivers, etc.
2. Spare parts – spark plugs, plastic wire ties, and duct tape.
3. Owner's Manual