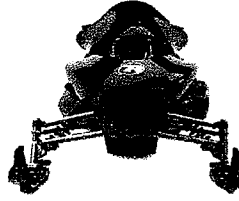
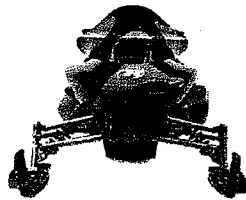


Getting ready to ride.... FIRST THINGS FIRST



1. New spark plugs
2. New oil and fuel filter
3. Grease everything
4. Clean Power valves
5. Check/Replace chain case oil
6. Check chain case tension and adjust if necessary
7. Inspect/charge battery if it has one
8. Check/replace light bulbs
9. Check/replace Belt
10. Check/adjust track tension / alignment
11. Check/replace hyfax (sliders)
12. Check all rear suspension idler wheel bearings and replace if necessary
13. Check/replace Carbides
14. Carburetor Inspections:
 - a. Adjust choke plungers.
 - b. Adjust pilot air screws.
 - c. Synchronize carburetor slide valves at idle and off idle.
 - d. Adjust engine RPM.
 - e. Adjust throttle lever free play.
 - f. Synchronize oil pump lever.
 - g. Inspect Choke/ Throttle Cables.
 - h. Inspect vent lines for wear or kinking.
15. Clean primary clutch and inspect for excessive wear or cracks
16. Disassemble secondary clutch and clean and check buttons and clean the shaft
17. Check/Replace drive shaft bearing and Speedo key.
18. Check/Replace worn suspension components
19. Inspect starter recoil rope.
20. Check compression and record readings.
21. Check drive to driven clutch offset (belt removed).
22. Inspect rubber engine mounts.
23. Inspect fuel and oil tank vent lines/routing.
24. Brakes-Hydraulic
 - a. Check brake fluid.
 - b. Check for proper hose routing; Tightness of banjo bolts and line fasteners.
 - c. Check for system fluid leaks.

- d. Visually inspect pads for wear and damage or looseness.
- e. Check the condition of brake disc.
25. Liquid cooled models:
 - a. Check coolant level and specific gravity.
 - b. Check water pump drive belt condition & deflection.
 - c. Check coolant hose, routing and clamps.
 - d. Inspect heat exchangers condition and fasteners.
 - e. Check coolant system for proper coolant circulation.
 - f. Replace recovery line filter.
 - g. Check coolant recovery line one way check valve
 - h. Pressure test cooling system
26. Fan cooled: inspect cooling fins and shrouds.
27. Check toe and front-end alignment.
28. Vacuum out anything that is not supposed to be under the hood such as leaves.



Buying a USED sled!!!!

- Resist the temptation to buy the first sled you see. Look at a few of them to get a better idea of the used sled market/options before you buy one.
- Bring a friend to help you stick to your guns, or to help you load your new sleds onto a truck, or help you to inspect the track. Sled-savvy friends may also notice things that you forgot to check. Make sure they also read this guide ahead of time.
- Bring a flashlight to aid inspection. Even in daylight.
- Request that the owner *not* have the sled warmed up when you get there, but tell him/her to make sure that the sled will start. If the owner asks why, tell them that you want to test the sled's ability to start when cold. (It's a lot easier for engines to start when pre-warmed.)
- You don't need to follow these instructions in any particular order, but I do recommend reading through them *before* you get to the seller's house. If you're new to snowmobiling, you may find some of the terminology complicated. And as noted previously, try to bring a friend, particularly one who knows sleds.
- Bring riding gear in case the seller will let you test ride the sled. (If you're new to snowmobiling and don't have any gear yet, perhaps the sleddin' friend accompanying you will be kind enough to bring his/her gear, and do a test ride for you.)

- You'll have to go through and carefully inspect used sleds being sold by dealerships, too, since many dealerships take used sleds as trade-ins, make minimal (if any) repairs, and mark the sleds up over "blue book" value. It's up to you to find defects (and to know what the used sled's real value is!!) to get these guys back down to earth.
- As a general rule of thumb, when work needs to be done to repair a problem with the sled, most dealerships charge around \$80/hour for labor.
- If you aren't really experienced with sleds, do some practice inspections! Find a couple of friends with sleds and pretend that you're at a seller's house inspecting a used sled. Go over a couple of sleds in minute detail. You'll learn a lot about how sleds are put together, and you might even find some things that your friends missed. Take notes while you're doing the inspections, and go over your findings with your friends after each inspection.