

Blizzard[®]

5500



1980 OPERATOR'S MANUAL



ski-doo[®]

© Trademark of Bombardier Limited

model _____

V.I.N. _____

purchase date _____

warranty expiry date _____

DEALER IMPRINT AREA

Text by:

TECHNICAL INFORMATION CENTRE
AFTER SALES SERVICE DEPARTMENT
BOMBARDIER LIMITED
VALCOURT, QUEBEC
CANADA, J0E 2L0

The following are trademarks of Bombardier Limited.

BOMBARDIER	EVEREST	MOTO-SKI
SKI-DOO	CITATION	FUTURA
ALPINE	OLYMPIQUE	SPIRIT
BLIZZARD	T'NT	NUVIK
CARRY-BOOSE		MIRAGE
ELAN		SUPER SONIC
ELITE		ULTRA SONIC
GRAND PRIX SPECIAL		

INDEX

FOREWORD	2
SAFETY IN MAINTENANCE	3
CONTROL/INSTRUMENTS	
Throttle lever, brake lever, ignition/light switch, headlamp dimmer switch, emergency cut-out switch, manual starter handle, primer, speedometer, tether cut-out switch, cab opening, tool box, fuel gauge	5
BREAK-IN PERIOD	
Break-in, inspection, inspection checklist	6
FUEL MIXING	
Recommended gasoline, recommended oil, fuel mixture ratio, fuel mixing procedure	8
PRE-START CHECK	
Check points	9
STARTING PROCEDURE	
Starting procedure, emergency starting	10
LUBRICATION	
Frequency, belt guard removal, drive belt removal, steering mechanism, chain-case oil level	11
MAINTENANCE	
Maintenance chart, spark plug, suspension, track, track tension and alignment, carburetor adjustment, drive belt, steering mechanism, drive pulley, brake, steering adjustment, engine head nuts, engine mount nuts, muffler attachment, fan belt, general inspection, headlamp beam aiming, bulb replacement	12
STORAGE	
Track, suspension, ski assembly, controls, chaincase, fuel tank, carburetors, cylinder lubrication, chassis, general inspection	18
PRE-SEASON PREPARATION	
Pre-season preparation, chart,	21
TROUBLE SHOOTING	22
TOOLS	24
SPECIFICATIONS	25
WIRING DIAGRAM	26
S.I. METRIC INFORMATION GUIDE	27
THE 1980 "LIMITED WARRANTY"	28
OFTEN ASKED QUESTIONS	32
CONSUMER GUIDE	34
LISTING OF AREA DISTRIBUTORS	35
HOW TO IDENTIFY YOUR SNOWMOBILE	38
CHANGE OF ADDRESS OR OWNERSHIP	37

FOREWORD

CONGRATULATIONS... You are now the proud owner of a new 1980 Bombardier snowmobile. This vehicle is the result of incomparable teamwork between Bombardier designers, engineers and technicians. Consequently, this vehicle is designed and engineered with safety, handling, comfort and quietness in mind.

The Operator Manual and the Snowmobile Safety handbook have been prepared to acquaint the owner / operator of a new snowmobile with the various vehicle controls maintenance and safe operating instructions.

Each is indispensable for the proper use of the product, and should be kept with the vehicle at all times.

Should you have any questions pertaining to the warranty and its application, please consult the "Often Asked Question" section of this manual, or your selling dealer.

This manual emphasizes particular information denoted by the following symbols and wording.

 **WARNING:** Identifies an instruction which, if not followed, could cause personal injury.

 **CAUTION:** Denotes an instruction which, if not followed, could severely damage vehicle components.

 **NOTE:** Indicates supplementary information needed to fully complete an instruction.

Although the mere reading of such information does not eliminate the hazard, your understanding of the information will promote its correct use.

Ride safe and have fun.

Recreational Products Group
Bombardier Limited,
Valcourt, Quebec, Canada, JOE 2L0

PLEASE ENSURE YOUR WARRANTY BY REGISTERING YOUR SNOWMOBILE THROUGH YOUR DEALER, AT THE COMPANY.

SAFETY IN MAINTENANCE

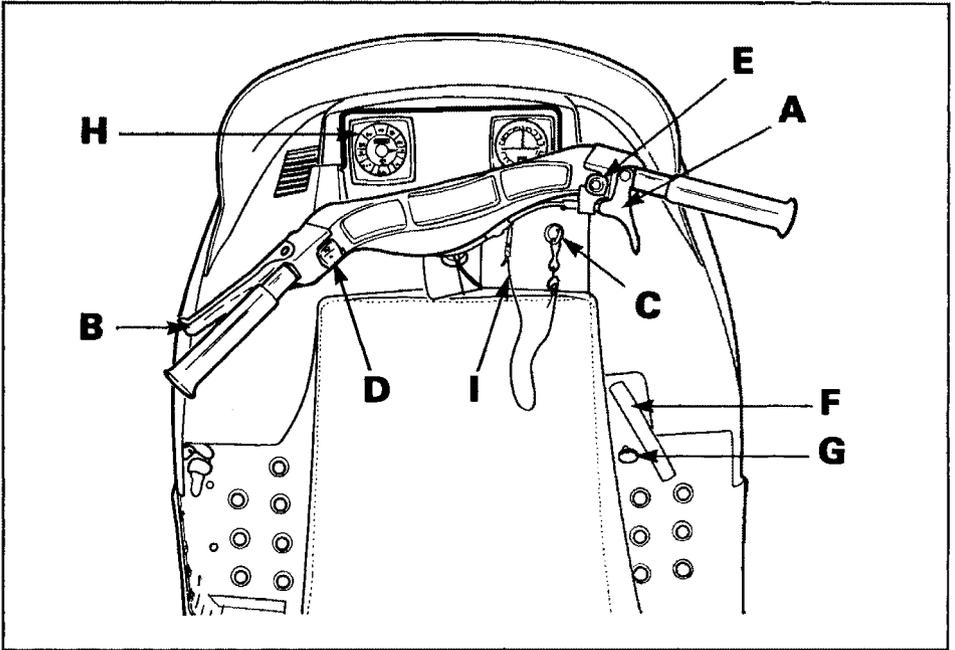
Observe the following precautions:

- Throttle mechanism should be checked for free movement before starting engine.
- Engine should be running only when pulley guard is secured in place.
- Never run engine without drive belt installed. Running an unloaded engine can prove to be dangerous.
- Never run engine when the track of the vehicle is raised off the ground.
- It can be dangerous to run engine with the cab removed.
- Gasoline is flammable and explosive under certain conditions. Always perform procedures in a well ventilated area. Do not smoke or allow open flames or sparks in the vicinity. If gasoline fumes are noticed while driving, the cause should be determined and corrected without delay.
- Your snowmobile is not designed to be operated on public streets, road or highways. In most States and Provinces, it is considered an illegal operation.
- Maintain your vehicle in top mechanical condition at all times.
- Your snowmobile is not designed to be driven or operated on black top, bare earth, or other abrasive surfaces. On such surfaces abnormal and excessive wear of critical parts is inevitable.
- Only perform procedures as detailed in this manual. Unless otherwise specified, engine should be turned OFF for all lubrication and maintenance procedures.
- Installation of other than standard equipment, including ski-spreaders, bumpers, pack racks, etc., could severely affect the stability and safety of your vehicle. Avoid adding on accessories that alter the basic vehicle configuration.
- **The snowmobile engine can be stopped by activating the emergency cut-out switch, tether switch or by turning off the key.**
- This vehicle is designed for the driver only. No provisions have been made for a passenger.
- Whenever the vehicle is parked outdoors, overnight or for a long period, it is suggested to protect it against the inclemency of the weather with a snowmobile cover.

Please read and understand all other warnings contained elsewhere.

THIS MANUAL SHOULD REMAIN WITH THE VEHICLE AT THE TIME OF RESALE.

CONTROLS/INSTRUMENTS



- A) Throttle Control Lever
- B) Brake Control Lever
- C) Ignition/Light Switch
- D) Headlamp Dimmer Switch
- E) Emergency Cut-Out Switch

- F) Manual Starter Handle
- G) Primer
- H) Speedometer
- I) Tether Cut-Out Switch

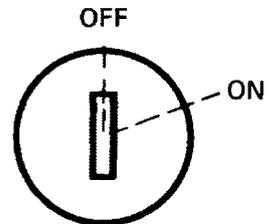
A) Throttle Control Lever

Located on right side of handlebar. When compressed, it controls the **engine speed** and the **engagement of the transmission**. When released, engine speed returns automatically to idle.

B) Brake Control Lever

Located on the left side of handlebar. When compressed, the brake is applied. When released, it automatically returns to its original position. Braking effect is proportionate to the pressure applied on the lever.

C) Ignition/Light Switch



Key operated, 2 position switch. To start engine, first turn key clockwise to ON position. To stop engine, turn key counter-clockwise to OFF position.

The lights are automatically ON whenever the engine is running.

D) Headlamp Dimmer Switch

The dimmer switch, located on left side of handlebar, allows correct selection of headlamp beam. To obtain high or low beam simply depress switch.

E) Emergency Cut-Out Switch

A push button switch located on right side of handlebar. To stop the engine in an emergency, press button down into **lower** position.

Before re-starting engine always depress button into released **upper** position. The driver of this vehicle should familiarize himself with the function of this device by using it several times on first outing. Thereby being mentally prepared for emergency situations requiring its use.

◆ **WARNING:** If the button has been used in an emergency situation the source of malfunction should be determined and corrected before re-starting engine.

F) Manual Starter Handle

Auto rewind type located on right hand side of vehicle. To engage mechanism, pull handle.

G) Primer

A push-pull button. Pull and push button (2-3 times) to activate primer. The primer should always be used for cold engine starts. After engine is warm however, it is not necessary to use primer when starting.

H) Speedometer

The speedometer is linked directly to the drive axle. Direct-reading dial indicates the speed of the vehicle. Odometer records the total number of distance travelled.

I) Tether Cut-Out Switch

Attach tether cord to wrist or other convenient location then snap tether cut-out cap over receptacle before starting engine.

If emergency engine "shut-off" is required completely pull cap from safety switch and engine power will be automatically shut "off".

○ **NOTE:** The cap must be installed on the safety switch at all times in order to operate the vehicle.

◆ **WARNING:** If the switch is used in an emergency situation the source of malfunction should be determined and corrected before restarting engine.

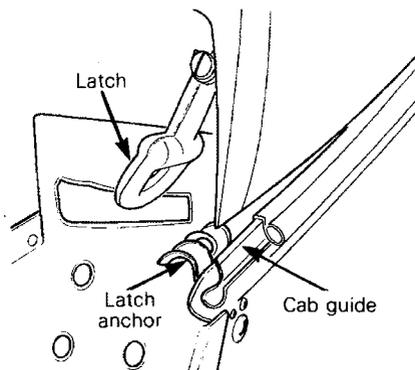
Cab Opening

Pull down the latch to unhook the cab from the anchor.

○ **NOTE:** Always lift cab gently up until stopped by restraining device.

◆ **WARNING:** It is dangerous to run an engine with the cab open or removed. Personal injury could result.

▼ **CAUTION:** Prior to re-securing the cab latch, position the bottom edge of the cab into the cab guide located on each side of the frame.

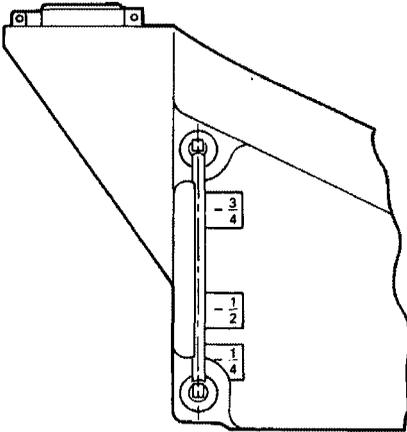


Tool Box

Located under the cab. To gain access, tilt cab. Ideal location for spare plugs, belt, rope, etc.

Fuel Gauge

The fuel gauge is located on the left side of the fuel tank. The gauge functions on the principle of communicating vessels, so the fuel level inside the tank is directly related with the level indicated on the gauge.



WARNING: Never use a lite match or open flame to check fuel level.

With Bombardier-Rotax snowmobile engines, a break-in period is required before running the vehicle at full throttle. Engine's manufacturer recommendation is 10 to 15 operating hours. During this period, a richer mixture is needed (i.e. 40 parts of gas for 1 part of 50/1 Bombardier oil). Maximum throttle should not exceed $\frac{3}{4}$, however, brief full acceleration and speed variations contribute to a good break-in. Continued wide open throttle accelerations, prolonged cruising speeds, and lugging are detrimental during the break-in period.

10-Hour Inspection

As with any precision piece of mechanical equipment, we suggest that alter the first 10 hours of operation or 30 days after the purchase, whichever comes first, that your vehicle be checked by your dealer. This inspection will give you the opportunity to discuss the unanswered questions you mat have encountered during the first hours of operation. Remember that it is easier to remedy at this time than to allow the snowmobile to operate until a possible failure occurs.

The 10 hours inspection is at the expense of the vehicle owner.



10-HOUR INSPECTION CHECK LIST	
Engine timing	
Fan belt tension	
Spark plug condition	
Carburetor adjustment	
Engine head nuts	
Engine mount nuts	
Muffler attachment	
Chaincase oil level	
Brake operation and lining condition	
Ski alignment (runner condition)	
Pulley alignment and drive belt condition	
Track condition, tension and alignment	
Lubrication (steering)	
Electrical wiring (loose connections, stripped wires, damaged insulation), tighten all loose bolts, nuts and linkage	
Operation of lighting system (HI / LO beam, brake light, etc.), test operation of emergency cut-out switch, tether switch	

We recommend that you have your dealer sign this inspection .

 Date of 10 hour inspection

 Dealer signature

FUEL MIXING

Oil must be added to the gasoline in pre-measured amounts then both oil and gasoline should be thoroughly mixed together before fueling the tank.

Recommended Gasoline

Use regular leaded gasoline available from all service stations.

▼ **CAUTION:** Never experiment with different fuel or fuel ratios. Never use naphtha, methanol or similar products.

Recommended Oil

Use concentrated Bombardier snowmobile oil available from your dealer. This type of oil has specially formulated oil bases to meet the lubrication requirements of the Bombardier-Rotax engine.

If Bombardier snowmobile oil is unavailable substitute with a high-quality 2 cycle snowmobile oil. The oil/gas mix must meet the vehicle requirements. See oil manufacturer recommendations on the container.

▼ **CAUTION:** Never use outboard or straight mineral oils.

Fuel Mixture Ratio

The importance of using the correct fuel mixture cannot be overstressed. An incorrect fuel ratio results in serious engine damage. Recommended fuel ratio is 50/1. (40/1 during brake in period).

S.I. Units

500 mL oil to 25 liters = 50/1.

Imperial Units

1 can 16 oz oil to 5 Imp. gals = 50/1.

or

1 can 500 mL oil to 5 1/2 Imp. gals = 50/1.

U.S. Units

1 can 12 oz oil to 5 U.S. gals = 50/1.

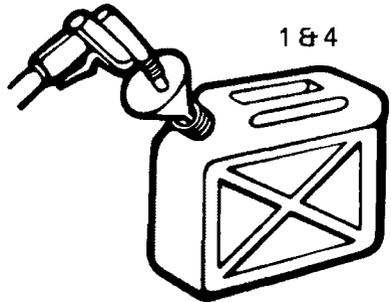
○ **NOTE:** To facilitate fuel mixing oil should be kept at room temperature.

Fuel Mixing Procedure

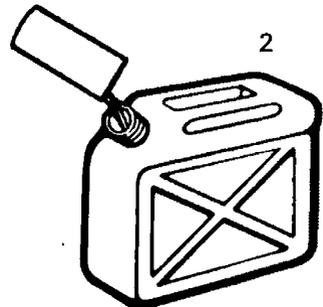
To mix the gasoline and oil always use a separate clean container. Never mix directly in your snowmobile tank. For best results, acquire two containers, either plastic or metal. Draw from one until empty then use the second one.

◆ **WARNING:** Gasoline is flammable and explosive under certain conditions. Always perform procedures in a well ventilated area. Do not smoke or allow open flames or sparks in the vicinity. If gasoline fumes are noticed while driving, the cause should be determined and corrected without delay. Never add fuel while the engine is running. Avoid skin contact with fuel at below freezing temperature.

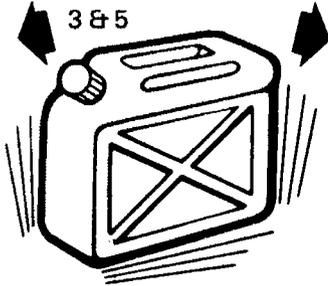
1. Pour approximately one gallon of gasoline into a clean container.



2. Add the full amount of oil.



3. Replace the container cap and shake the container thoroughly.



4. Add the remainder of the gasoline.
5. Once again thoroughly agitate the container. Then **using a funnel** with a fine mesh screen to prevent the entry of water and foreign particles, pour the mixture into the snowmobile tank.

◆ **WARNING:** To prevent fuel spillage in the engine compartment, a funnel must always be used when filling the gas tank.

○ **NOTE:** When using pre-mixed fuel, always shake the container thoroughly as the oil has a tendency to settle.

◆ **WARNING:** Never 'top up' the gas tank before placing vehicle in a warm area. At certain temperatures, gasoline will expand and overflow. Always wipe off any gasoline spillage from the snowmobile.

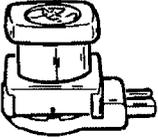
Check Points

- Activate the throttle control lever several times to check that it operates easily and smoothly. The throttle control lever must return to idle position when released.
- Check fuel level.
- Check that the skis and the track are not frozen to the ground or snow surface and that the steering operates freely.
- Activate the brake control lever and make sure the brake fully applies before the brake control lever touches the handlebar grip.
- Verify that the path ahead of the vehicle is clear of bystanders and obstacles.

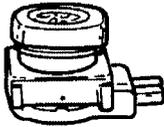
◆ **WARNING:** Only start your snowmobile once all components are checked and functioning properly.

STARTING PROCEDURE

Upper position
before starting
engine.



Lower position
to stop engine.



Emergency Cut-Out Button

Manual Starting

1. Insert the key in the ignition and turn to ON position.
2. Test the throttle control lever.
3. Activate the primer (2 to 3 times).



NOTE: Primer is not necessary when the engine is warm.

4. Ensure the tether cut-out cap is in position and that the cord is attached to your clothing. Check that the emergency cut-out button is in the release **upper** position.
5. Grasp manual starter handle firmly and pull slowly until a resistance is felt then pull vigorously. Slowly release the rewind starter handle.



WARNING: Do not apply throttle while starting.

6. Check operation of the emergency cut-out switch, and the tether switch. Restart the engine.



WARNING: If engine does not shut-off when applying the emergency cut-out switch and/or by pulling the tether cut-out cap, stop the engine by turning off the ignition key. Do not operate the vehicle further, see your dealer.

7. Allow the engine to warm before operating at full throttle.

Emergency Starting

Should the rewind starter rope fray and break, the engine can be started with an emergency starter rope.

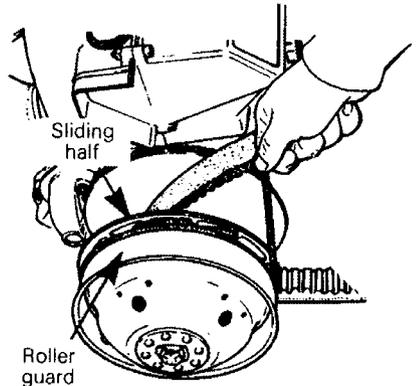


WARNING: Do not start the vehicle by the drive pulley unless it is a true emergency situation, have the vehicle repaired as soon as possible.

Remove the pulley guard from the vehicle and wind the emergency rope tight around the drive pulley between the sliding half and the roller guard. Start the engine as per usual manual starting.



WARNING: When starting the vehicle in an emergency situation by the drive pulley, do not make a knot at the end of the emergency rope and do not reinstall the pulley guard.



LUBRICATION

Frequency

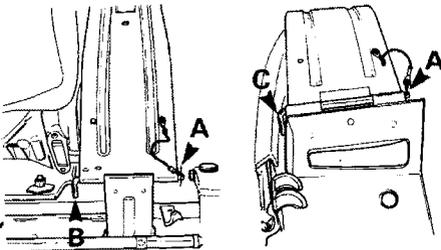
Routine maintenance is necessary for all mechanized products, and the snowmobile is no exception. A weekly vehicle inspection contributes to the life span of the snowmobile as well as retains safe and dependable operation. It is recommended that the steering system and suspension be lubricated monthly or every 40 hours of operation. If the vehicle is operated in wet snow or in severe conditions these items should be lubricated more frequently.

◆ **WARNING:** Only perform such procedures as detailed in this manual. It is recommended that dealer assistance be periodically obtained on other components/systems not covered in this manual. Unless otherwise specified, engine should be turned OFF for all lubrication and maintenance procedures.

Belt Guard Removal

◆ **WARNING:** Engine should be running only when belt guard is secured in place.

1. Tilt the cab, remove both belt guard retaining clips (A).
2. Pull out both B & C retaining pins.



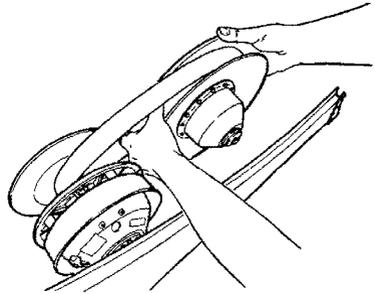
◆ **WARNING:** At the removal or installation of the belt guard front retaining pin be careful not to burn yourself on the exhaust system.

3. Lift and remove the belt guard assembly.

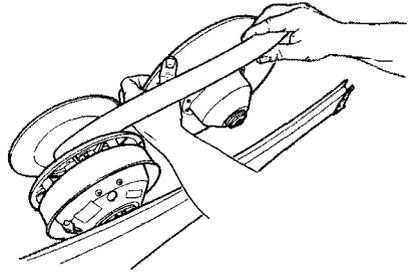
Drive Belt Removal

◆ **WARNING:** Never start or run engine without the drive belt installed. Running an unloaded engine is dangerous.

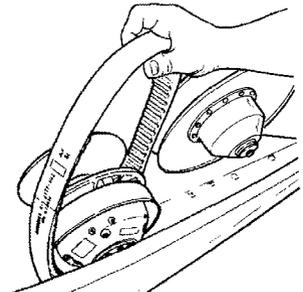
1. Tilt the cab and remove the belt guard.
2. Open the driven pulley by twisting and pushing the sliding half. Hold in fully open position.



3. Slip the belt over the top edge of the sliding half.



4. Slip the belt out from the drive pulley and remove completely from the vehicle. To install the drive belt, reverse the procedure.

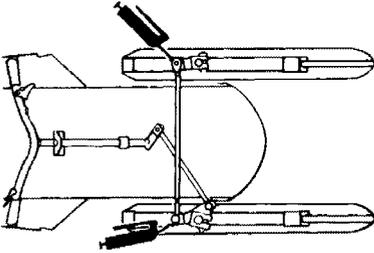


MAINTENANCE

Steering Mechanism

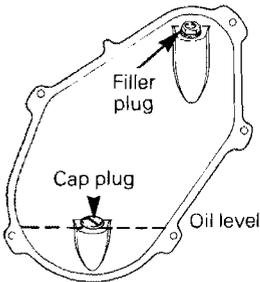
◆ **WARNING:** Do not lubricate throttle and/or brake cables and housings.

Lubricate the ski legs at grease fittings until new grease appears at joints. Oil spring coupler bolts.



Chaincase Oil Level

Check the oil level by removing the oil level cap plug.



The oil should be level with the bottom of the oil level orifice.

○ **NOTE:** The chaincase oil capacity is approximately 170 mL (6 oz.).

The following Maintenance Chart indicates regular servicing schedules to be performed by you or your servicing dealer. If these services are performed as suggested, your snowmobile will give you many years of low-cost use.

◆ **WARNING:** Only perform such procedures as detailed in this manual. It is recommended that dealer assistance be periodically obtained on other components/systems not covered in this manual. Unless otherwise specified, engine should be turned OFF for all lubrication and maintenance procedures.

Code (Weekly)		Page
W1	Spark plug	12
W2	Suspension condition	13
W3	Track condition	13
W4	Track tension and alignment	13
W5	Carburetor adjustment	14
W6	Drive belt	15
W7	Steering mechanism	15
W8	Drive pulley	16

Code (Monthly)		Page
M1	Brake	16
M2	Steering adjustment	16
M3	Engine head nuts	17
M4	Engine mount nuts	17
M5	Muffler attachment	17
M6	Fan belt	17
M7	General inspection	17
	Headlamp adjustment	

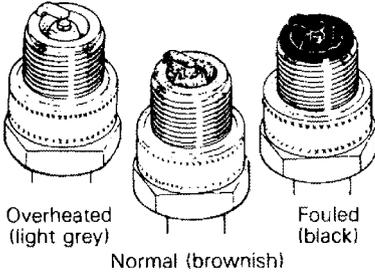
(W1) Spark Plugs

Disconnect the spark plug wires and remove the spark plugs.

Check the condition of the plugs.

- A brownish tip reflects ideal conditions. (Correct carburetor, spark plug heat range; etc.).
- A black insulator tip indicates fouling caused by: carburetor idle speed mixture and/or high speed mixture too rich, incorrect fuel mixture ratio, wrong type of spark plug (heat range), or excessive idling.

- A light grey insulator tip indicates a lean mixture caused by; carburetor high speed mixture adjusted too lean, wrong spark plug heat range, incorrect fuel mixture ratio, or a leaking seal or gasket.



CAUTION: If spark plug condition is not ideal, contact your authorized dealer.

Check spark plug gap using a wire feeler gauge.

Reinstall plugs and connect wires.

(W2) Suspension Condition

Visually inspect all suspension components including slider shoes, springs, wheels, etc...

NOTE: During normal driving, snow will act as a lubricant and coolant for the slider shoes. Extensive riding on ice or sanded snow, (not to mention dirt, asphalt, etc. never recommended) will create excessive heat build-up and cause premature slider shoe wear.

(W3) Track Condition

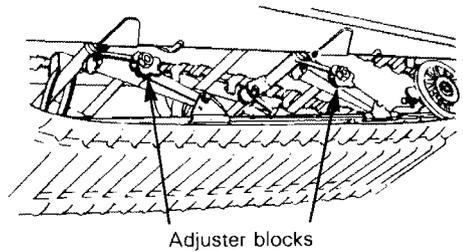
Lift the rear of the vehicle and support it off the ground. With the engine off, rotate the track by hand, and inspect condition. If worn, cut or track fibers are exposed or missing or defective inserts or guides are noted, contact your dealer.

WARNING: Do not operate a snowmobile with a cut, torn or damaged track.

(W4) Track Tension and Alignment

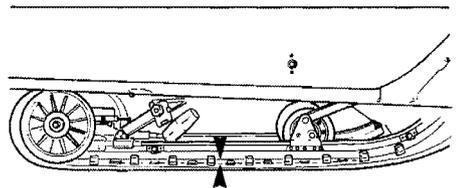
The suspension is adjustable, the front adjustment for surface condition, the rear for driver's weight.

When the front adjuster blocks are at the lowest elevation more weight is distributed on the skis. At the highest position the weight is transferred to the track. The rear adjuster blocks should be adjusted to suit the driver's preference.



CAUTION: Always turn the left side adjuster blocks in a clockwise direction, the right side blocks in a counter-clockwise direction. Left and right adjuster blocks of each adjustment must always be set at the same elevation.

Lift the rear of vehicle and support with a mechanical stand. Allow the slide to extend normally. Check the gap 13 mm (1/2") between the slider shoe and the bottom inside of the track. If the track tension is too loose, the track will have a tendency to thump.

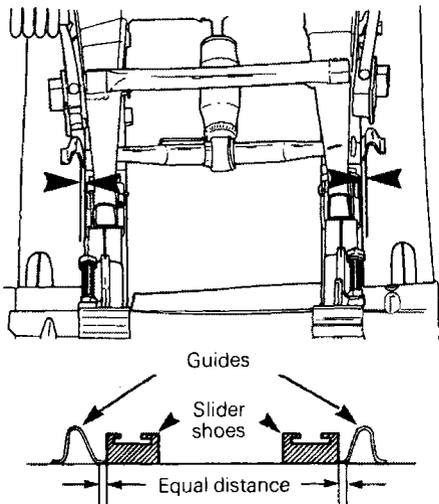


CAUTION: Too much tension will result in power loss and excessive stresses on suspension components.

If necessary to adjust, loosen the rear idler wheel retaining screw and then loosen or tighten the adjuster bolts located on the inner side of the rear idler wheels. If correct tension is unattainable. Contact your dealer.

○ **NOTE:** Track tension and alignment are inter-related. Do not adjust one without the other.

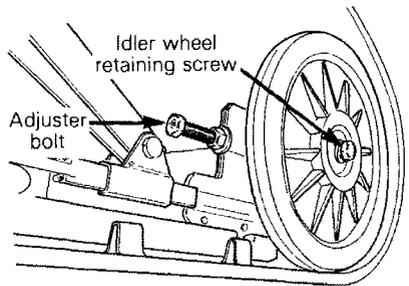
Start the engine and accelerate slightly so that the track turns slowly. Check that the track is well centered; equal distance on both sides between edges of track guides and slider shoes.



◆ **WARNING:** Before checking track alignment, ensure that the track is free of all particles which could be thrown out while track is rotating. Keep hands, tools, feet and clothing clear of track. Ensure no-one is standing in close proximity to the vehicle.

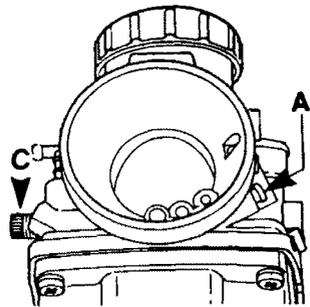
To correct, stop the engine, loosen the rear idler wheels retaining screws then loosen the lock nuts and tighten the adjuster bolt on the side where the slider shoe is the furthest to the track insert guides.

Tighten the lock nuts and recheck the alignment. Ensure to retighten the idler wheel retaining screws.



(W5) Carburetor Adjustment

▼ **CAUTION:** Never operate your snowmobile with the air intake silencer disconnected. Serious engine damage will occur if this notice is disregarded.



A) Air Screw Adjustment

Completely close the air screw (until a slight reseating resistance is felt) then back off screw: $1\frac{1}{2}$ turn \pm $\frac{1}{8}$.

B) Throttle Slide Adjustment

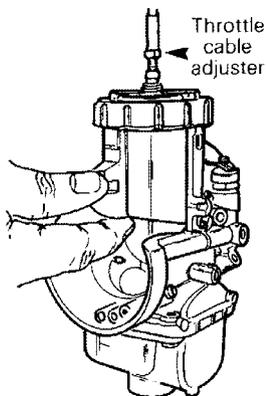
◆ **WARNING:** Ensure the engine is turned **OFF**, prior to the throttle slide adjustment.

With the throttle cable adjuster jam nut unlocked, press the throttle lever against the handle grip.

By turning the cable adjuster, adjust the carburetor slide cut away so that it is flush with the top of the carburetor bore.

Tighten the cable adjuster jam nut.

Repeat for the other carburetor.



◆ **WARNING:** It is important that the throttle slide adjustment be performed to ensure proper functioning of throttle mechanism.

C) Idle Speed Adjustment

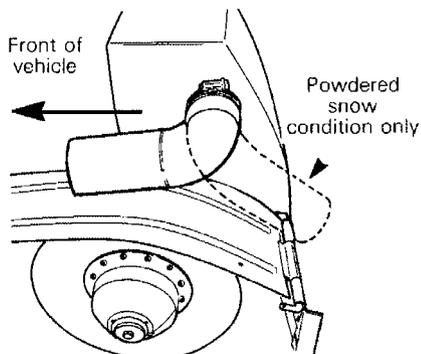
Turn idle speed screw clockwise until it contacts the throttle slide then continue turning two (2) additional turns. This will provide a preliminary idle speed setting. Start engine and allow it to warm then adjust idle speed to 1500-2000 R.P.M. by turning idle speed screw clockwise or counter-clockwise.

▼ **CAUTION:** Do not attempt to set the idle speed by using the air screw. Severe engine damage can occur. If idle speed is unattainable contact your authorized dealer.

Air Silencer

The air intake silencer elbow must always be turned to the front of the vehicle when operated in cold or warm temperature.

If the vehicle is to be operated in deep powdered snow it is recommended to turn the elbow towards the rear of the vehicle.



(W6) Drive Belt

Inspect the belt for cracks, fraying or abnormal wear (uneven wear, wear on one side, etc.) If abnormal wear is noted, probable cause is pulley misalignment. Contact your dealer.

Check the drive belt width, if less than 3 cm (1 3/16") replace.

○ **NOTE:** When installing a new drive belt, a break-in period of 15-25 km (10-15 miles) is strongly recommended.

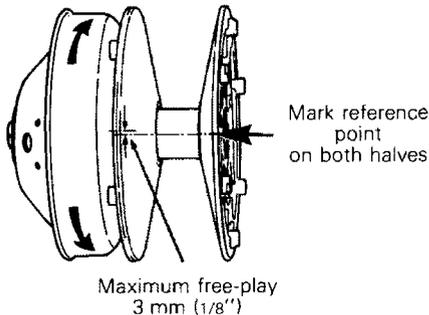
(W7) Steering Mechanism

Inspect the steering mechanism for tightness of components (steering arms, tie rods, ball joints, spring coupler bolts, etc.). If necessary, replace or retighten.

Check the condition of the skis and the ski runners. Replace if worn.

(W8) Drive Pulley

Inspect the Duralon bushing condition by checking the free-play of the sliding half pulley. This is achieved by restraining the inner half and checking if the sliding half moves in the direction of the arrows more than 3 mm (1/8"). If so contact your dealer.



(M1) Brake

The brake mechanism on your snowmobile is an essential safety device. Keep this mechanism in proper working condition. Above all, do not operate your snowmobile without an effective brake system.

◆ **WARNING:** Brake pad or pucks less than 3 mm (1/8") thick must be replaced. Replacement must be performed by an authorized dealer.

The brake mechanism is self-adjusting, therefore, periodic adjustment is not required. However, check operation of brake mechanism by depressing brake control lever. Brake should apply fully when lever is 13 mm (1/2") approx. from handlebar grip. If not, do not tamper with the brake, contact your servicing dealer.

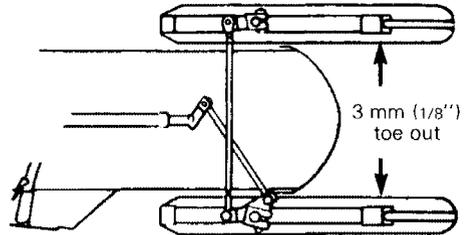
(M2) Steering Adjustment

Skis should have a toe out of 3 mm (1/8"). To check, measure the distance between each ski at the front and rear of the leaf springs. The front distance should be 3 mm (1/8") more than the rear when the handlebar is horizontal.

IMPORTANT: Close the front of the skis manually to eliminate all slack from the steering mechanism.

If adjustment is required:

Loosen the lock nuts of the longer tie rod. Turn the tie rod manually until the skis are properly aligned. Firmly retighten the lock nuts.

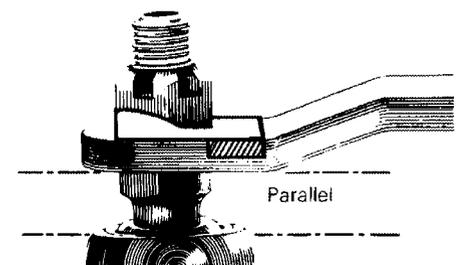


The handlebar should also be horizontal when the skis are pointed toward the front.

To adjust:

Loosen the lock nuts of the shorter tie rod. Turn the tie rod manually until the handlebar is horizontal. Retighten the lock nuts firmly.

◆ **WARNING:** The ball joint socket must run parallel with the steering arm. The socket must be restrained when tightening the tie rod end lock nuts.



(M3) Engine Head Nuts

With the engine cold, check that the engine head nuts are tight and equally torqued to 20 N•m (15 ft-lbs).

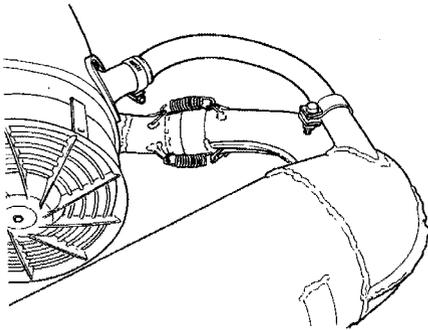
IMPORTANT: The engine head nut torque should be checked after the first 5 hours of operation.

(M4) Engine Mount Nuts

Check the engine mount nuts for tightness. Retighten if necessary.

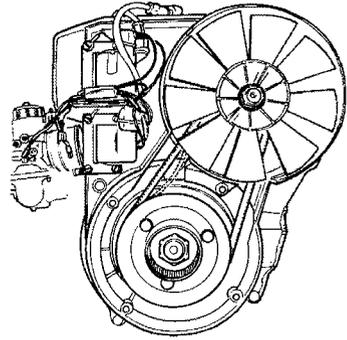
(M5) Muffler Attachment

The engine/muffler attaching parts are vital toward efficient muffler function. Check all attachments. Replace the springs and/or tighten if necessary.



Ensure that the forced flow system is well aligned and tightened.

(M6) Fan Belt



If the belt seems damaged or if tension is incorrect, contact your dealer immediately.

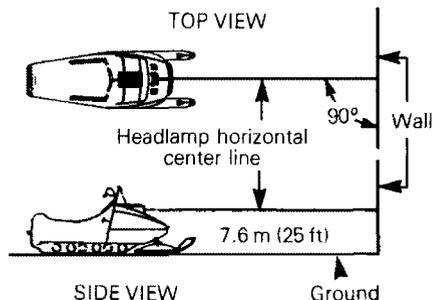
WARNING: If fan protector is removed, always reinstall after servicing.

(M7) General Inspection

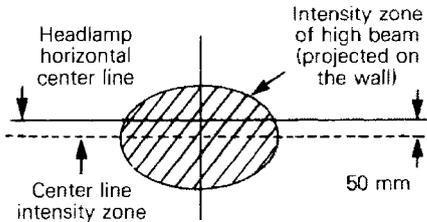
Check the electrical wiring and components, retighten loose connections. Check for stripped wires or damaged insulation. Thoroughly inspect the vehicle and tighten loose bolts, nuts and linkage. Inspect skis and ski runners for wear.

Headlamp Beam Aiming

The angle of the headlamp beam has been pre-adjusted prior to delivery. Should you wish re-adjustment, place the vehicle on a flat surface 7.6 m (25') from a wall or screen.



With the suspension correctly adjusted, the rider seated on the vehicle and the high beam ON check that the center of high intensity zone of high beam is 50 mm (2") below horizontal line of headlamp height.



To adjust, remove headlamp chrome ring, turn upper or lower adjusting screws to obtain desired beam position.

Bulb Replacement

If the headlamp bulb is burnt, tilt cab, unplug the connector from the headlamp. Remove the rubber boot and unfasten bulb retainer clips. Detach the bulb and replace. If taillight bulb is burnt, expose the bulb by removing the red plastic lens. To remove, unscrew the two (2) Phillips head screws. Verify all lights after replacement.

It is during summer, or when a vehicle is not in use for any length of time that proper storage is a necessity. Storage of the snowmobile during long period of inactivity consists of checking and replacing missing, broken or worn parts, proper lubrication and treatment to insure that parts do not become rusted; cleaning items such as carburetor of oil mixtures, to prevent gum varnish formation within the carburetor; and in general, preparing the vehicle so that when the time comes to use the snowmobile again it will start and be in top condition.

◆ **WARNING:** Only perform such procedures as detailed in this manual. It is recommended that dealer assistance be periodically obtained on other components/systems not covered in this manual. Unless otherwise specified, engine should be turned OFF for all lubrication and maintenance procedures.

Track

Inspect the track for wear, cuts, missing track guides and broken rods. Make any necessary replacement.

◆ **WARNING:** Do not operate a snowmobile with a cut, torn or damage track.

Lift the rear of vehicle until track is clear of the ground then support with a brace or trestle. The snowmobile should be stored in such a way that the track does not stay in contact with the ground.

○ **NOTE:** The track should be rotated periodically, (every 40 days). Do not release track tension.

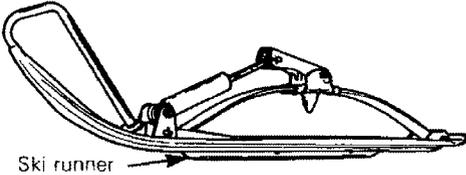
▼ **CAUTION:** To prevent track damage, temperature in the storage area must not exceed 38°C (100°F).

Slide Suspension

Remove any dirt or rust. Grease idler wheels at grease fittings. Wipe off surplus. Replace worn slider shoes.

Ski

Wash or brush all dirt or rust accumulation from the skis and springs. Grease the ski legs at the grease fittings. **Check the condition of the skis, ski runners and leaf springs. Replace if worn or weak.**



Controls

Lubricate the steering mechanism. Inspect all components for tightness, (spring coupler bolts, steering arm locking bolts, tie rods, ball joints, etc.). Tighten if necessary. Oil moving joints of the brake mechanism.

◆ **WARNING:** Do not lubricate the throttle and/or brake cables and housings. Avoid getting oil on the brake pads.

Coat all electrical connections and switches with a greaseless metal protector. If unavailable, use petroleum jelly.

Chaincase

Drain the chaincase and refill to proper level, using fresh chaincase oil. To drain, remove the chaincase cover.

Fuel Tank

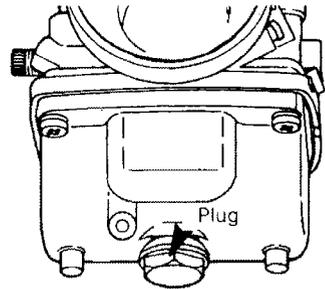
Remove the cap then using a syphon, remove the gasoline from tank.

◆ **WARNING:** Gasoline is flammable and explosive under certain conditions. Always perform procedures in a well ventilated area. Do not smoke or allow open flames or sparks in the vicinity.

Carburetor

Carburetors must be dried out completely to prevent gum formation during the storage period.

Once the fuel tank is emptied, remove the float chamber drain plug on each carburetor. Drain carburetors.



Re-install plug and connect fuel line.

Cylinder Lubrication

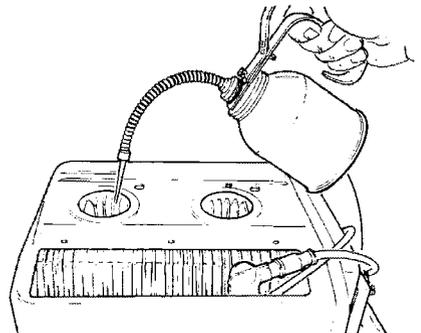
Engine internal parts must be lubricated to protect cylinder walls from possible rust formation during the storage period.

○ **NOTE:** This operation should be repeated every 40 days during storage.

Remove the spark plugs. Operate the rewind starter to bring the piston at top position. Pour the equivalent of one spoonful of oil into spark plug hole.

Slowly crank the engine several times using the manual starter. Repeat above steps for other cylinder. Install the spark plugs.

▼ **CAUTION:** To prevent ignition system damage, make sure that the cut-out button is in the lower position.



Chassis

Clean the vehicle thoroughly, removing all dirt and grease accumulation.

▼ **CAUTION:** Plastic alloy components such as fuel tank, windshield, etc., can be cleaned using mild detergents or isopropyl alcohol. Do not use strong soaps, degreasing solvents, abrasive cleaners, paint thinners, etc.

Inspect the cab and repair any damage. Repair kits are available at your authorized dealer. Clean the frame. For the aluminum portion use only "Aluminum cleaner" and follow instructions on the container.

Touch up all metal spots where paint has been scratched off. Spray all bare metal parts with metal protector. Wax the cab for better protection.

○ **NOTE:** Apply wax on glossy finish of cab only. Protect the vehicle with a cover to prevent dust accumulation during storage.

▼ **CAUTION:** If for some reason the snowmobile has to be stored outside it is necessary to cover it with an opaque tarpaulin. This caution will prevent the sun rays affecting the plastic components and the vehicle finish.

General Inspection

Check the electrical wiring and components, retighten loose connections. Check for stripped wires or damaged insulation.

Thoroughly inspect the vehicle and tighten loose bolts, nuts and linkage.

○ **NOTE:** Leave the drive belt off the pulleys for the entire storage period.

PRE-SEASON PREPARATION

Snow is falling and you are now anticipating the next snowmobile safari. If you have observed and adhered to the storage procedures outlined in this manual, your vehicle preparation becomes a relatively easy task.

To simplify the pre-season preparation we have drawn up a small chart. The chart indicates servicing points to be performed by you and your servicing dealer. If these services are performed as suggested, your vehicle will give you many hours of fun and low cost use.

IMPORTANT: Observe all Warnings and Cautions mentioned throughout this manual which are pertinent to the item being checked. When component conditions seem less than satisfactory, replace with genuine Bombardier parts or suitable equivalents.

PRE-SEASON PREPARATION CHART

To be performed by dealer	●
To be performed by owner	○
Change spark plugs	○
Check chaincase oil level	○
Check pulleys, verify components and clean	●
Check steering alignment and ski runner condition	○
Clean fuel filter (located in fuel tank)	○
Check suspension idler wheel bearings	●
Check track tension and alignment	○
Inspect drive belt and install	○
Check throttle cable for damage and free operation	○
Inspect brake condition and operation	●
Inspect oil seals for possible cuts or leaks	○
Set engine timing, if necessary replace breaker points	●
Check electrical wiring (broken wire, damaged insulation)	○
Inspect condition of starting rope	○
Check tightness of all bolts, nuts and linkage	○
Refill gas tank	○
Adjust carburetor	●
Check fan belt condition and tension	○

TROUBLE SHOOTING

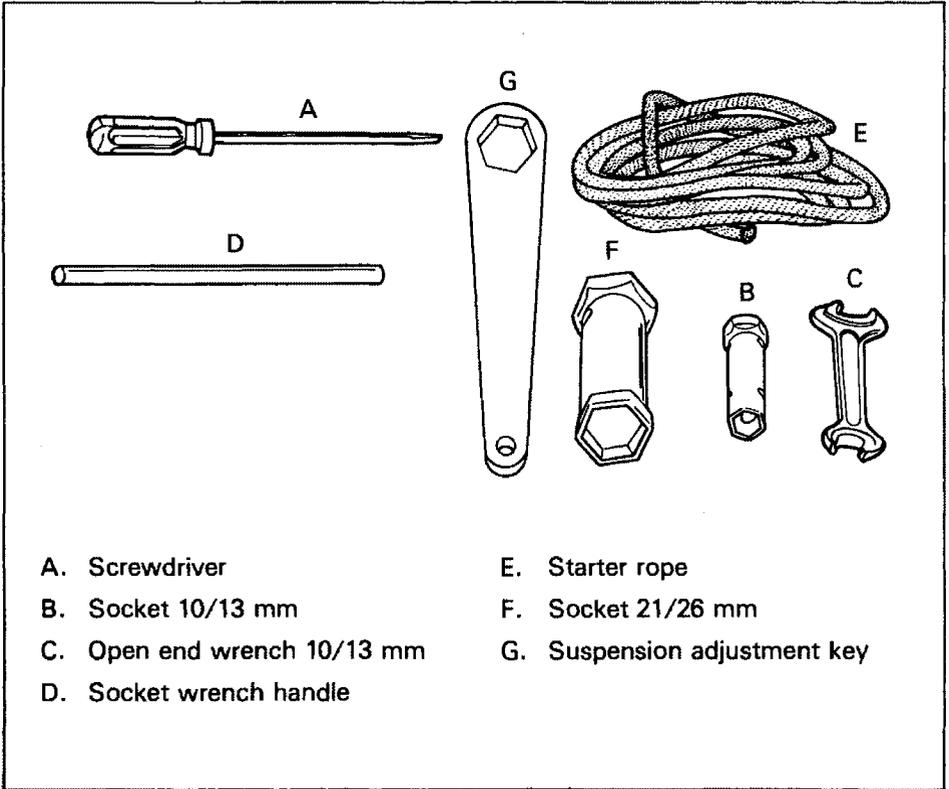
SYMPTOMS	POSSIBLE CAUSES	WHAT TO DO
<p>Engine turns over but fails to start or starts with difficulty</p>	<p>1. No fuel to the engine</p>	<p>Check the tank level and fill up with correct gas-oil mixture. Check for possible clogging of fuel line, item 5.</p>
	<p>2. Spark plug</p>	<p>Check for fouled or defective spark plug. Disconnect spark plug wire, unscrew plug and remove from cylinder head. Reconnect wire and ground exposed plug on engine cowl, being careful to hold away from spark plug hole. Follow engine starting procedure and check for spark. If no sparks appear, replace spark plug. If trouble persists, check item 3.</p>
	<p>3. Faulty ignition</p>	<p>Disconnect spark plug wire from plug, unscrew the spark plug cap then hold wire about 3 mm (1/8") from the cylinder head. Follow engine starting procedure and if no sparks appear, it means a faulty ignition system. Do not attempt to repair. Contact your dealer.</p>
	<p>4. Flooded engine</p>	<p>Remove wet spark plug, turn ignition to OFF and crank engine several times. Install clean dry spark plug. Start engine following usual starting procedure. If engine continues to flood, see your dealer.</p>
	<p>5. Clogged fuel line (water or dirt)</p>	<p>Remove and clean the fuel filter. Change filter cartridge if necessary. Check condition and connections of fuel lines. Check the cleanliness of fuel tank.</p>
	<p>6. Faulty carburetor</p>	<p>First make primary adjustments on carburetor (See Maintenance Section). If carburetor is still faulty, contact your dealer for repair.</p>
	<p>7. Too much oil in fuel</p>	<p>Drain the fuel tank and refill with the correct gas/oil mixture.</p>
	<p>8. Engine timing</p>	<p>Engine timing may be defective or out of adjustment. Contact your dealer.</p>
	<p>9. Poor engine compression</p>	<p>Running with a lean fuel mixture may produce excessive engine wear resulting in poor engine compression. If this occurs, contact your dealer at once.</p>

SYMPTOMS	POSSIBLE CAUSES	WHAT TO DO
Engine will not turn manually	1. Seized engine	In the case of a seized engine contact your dealer. Seizure is direct result of poor lubrication
Engine lacks acceleration or power	1. Fouled or defective spark plug	Check item 2 of "Engine turns over but fails to start or starts with difficulty"
	2. Clogged fuel line (water or dirt)	Check fuel line condition. (See item 5 of "Engine turns over but fails to start or starts with difficulty").
	3. Carburetor	Readjust the carburetor. (See Maintenance section). If trouble persists, contact your dealer.
	4. Faulty ignition	First check item 2 and 3 of "Engine turns over but fails to start or starts with difficulty". If the ignition system still seems faulty, contact your dealer.
	5. Engine	If unable to locate specific symptoms, contact your dealer.
Engine continually backfires	1. Faulty spark plug	Check item 2 of "Engine turns over but fails to start or starts with difficulty".
	2. Overheated	Carburetor set too lean. Contact your dealer.
	3. Engine timing incorrectly set	Contact your dealer.
Snowmobile cannot reach full speed	1. Drive Belt	Check for damaged or worn drive belt. Replace if necessary.
	2. Incorrect track adjustment	Check track tension and alignment. Readjust to specifications. (See Maintenance Section).
	3. Faulty engine	Check item 1 to 5 of "Engine lacks acceleration or power."
	4. Pulley misaligned	Contact your dealer.

TOOLS

As standard equipment each new snowmobile is supplied with a basic tool kit such as screwdriver, wrenches, emergency starter rope, etc...

Standard Tools



SPECIFICATIONS

ENGINE

No. of cylinders	2
Bore	72 mm (2.834")
Stroke	61 mm (2.401")
Displacement	496.7 cm ³ (30.31 in. ³)
Compression ratio (corrected)	6.2:1
Carburetor type	2 x VM 34-203
Carburetor adjustment	
— air screw	1 1/2 turn + 1/8
— idle speed	1500-2000 R.P.M.
Engine head nuts (torque)	20 N•m (15 ft-lbs)
Fan belt free-play	6 mm (1/4")

CHASSIS

Overall length	265 cm (104")
Overall width	99 cm (39")
Overall height	100 cm (39 1/2")
Ski stance (center to center)	85 cm (33 1/2")
Ski alignment (toe out)	3 mm (1/8")
Mass (weight)	190.5 kg (420 lbs)
Bearing area	7710 cm ² (1195 in. ²)
Ground pressure	2.420 kPa (.351 lbs/in. ²)

POWER TRAIN

Track dimensions	38.1 cm (15") x 289.6 cm (114")
Track tension	13 mm (1/2") gap should exist between slide shoe and bottom inside of track.
Track alignment	Equal distance between edges of track guides and slider shoes.
Std. gear ratio	21/38
Chaincase oil capacity	170 mL (6 oz.)
Drive belt (minimum width)	3 cm (1 3/16")

ELECTRICAL

Lighting system (output)	12 volts, 140 watts
Headlamp bulb	45/45 W
Tail/stop	5/21 W
Spark plug (Bosch) — normal use	W 275 T2 (W3C)
— severe use	W 275 T2 (W3C)
Spark plug (gap)	0.4 mm (.016")
Advanced ignition timing	2.0 mm + .10 (.078" + .003)

FUEL

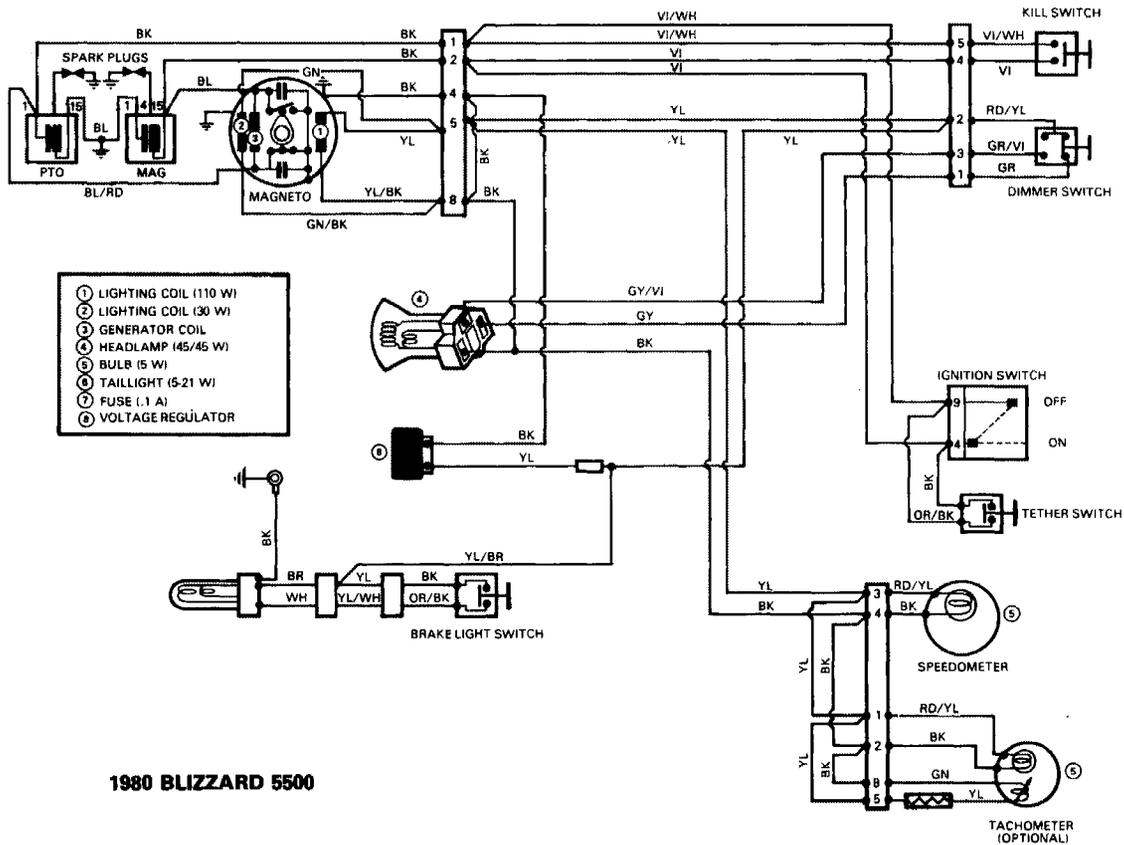
Tank capacity — SI*	29.5 liters
— Imp.	6.5 gallons
— U.S.	7.8 gallons
Gasoline	Regular
Gas/oil ratio	50/1

BRAKE

Brake type	Disc. self-adjusting
Brake adjustment (control)	13 mm (1/2") minimum distance from handlebar grip when fully applied
Brake lining (minimum thickness)	3 mm (1/8")

*International Standard

Bombardier Limited reserves the right to make changes in design and specifications and/or to make additions to, or improvements in its product without imposing any obligation upon itself to install them on its product previously manufactured.



S.I.* METRIC INFORMATION GUIDE

BASE UNITS

DESCRIPTION	UNIT	SYMBOL
length	meter	m
mass	kilogram	kg
liquid	liter	L
temperature	celsius	°C
pressure	kilopascal	kPa
torque	Newton meter	N•m
speed	kilometer per hour	km/h

PREFIXES

PREFIX	SYMBOL	MEANING	VALUE
kilo	k	one thousand	1,000
centi	c	one hundredth of a	0.01
milli	m	one thousandth of a	0.001

*THE INTERNATIONAL SYSTEM OF UNITS (SYSTEME INTERNATIONAL) ABBREVIATES "SI" IN ALL LANGUAGES.

LIMITED WARRANTY SKI-DOO® SNOWMOBILES 1980

BOMBARDIER Limited as manufacturer, warrants FROM THE DATE OF FIRST CONSUMER SALE, every 1980 Ski-Doo® snowmobile, sold as NEW AND UNUSED, by an authorized SKI-DOO dealer, subject to the following limitations and conditions, for a period of:

-
- **two (2) seasons maximum** for models:

Elan® , Citation* , Everest® , Elite® ,

Warranty STARTS on the date of sale to the first consumer and ENDS the SECOND APRIL 30TH following the date warranty coverage started.

or

-
- **Ninety (90) consecutive** days for the following models: BLIZZARD® 5500-7500-9500 and ALPINE® subject to the following:

1. When a sale is made after MARCH 31ST of a given year but before THE 1ST DAY OF DECEMBER of the same year, the warranty will start on DECEMBER 1ST following the date of sale and terminate 90 days later.
 2. When a sale is made on/or after JANUARY 2ND of a given year, the unused portion of the 90 days warranty as of MARCH 31ST, of that year will be carried over to the next season, beginning the 1ST DAY OF DECEMBER.
-

Any 1980 model not listed is not warranted.

WHAT WE WILL DO

BOMBARDIER will repair and/or replace, at its option, components defective in **material and/or workmanship (under normal use and service,)** with a genuine BOMBARDIER component without charge for parts or labour at any authorized SKI-DOO dealer during said warranty period.

EXCLUSIONS

Items and components:

Any of the following expendable items and/or components that are damaged or worn due to normal use: variable speed drive belt, windshield, filters, ignition breaker points, condensers, spark plugs, light bulbs, protective lenses, brake linings, ski runner shoes, slider shoes on suspension and variable speed pulleys, labels, soft trim, appearance items, lubricants and paints and all tune-ups, seized, melted or holed piston and adjustments required.

Also excluded are:

- Damage resulting from installation of parts other than genuine BOMBARDIER parts.
- Damage caused by failure to provide **proper maintenance** as detailed in the **Operator Manual** supplied with each SKI-DOO snowmobile. The labour, parts and lubricants cost of all maintenance services, including tune-ups and adjustments will be charged to the owner.
- Damage resulting from improper servicing or adjustment of the drive pulley assembly. **The drive pulley assembly is factory sealed, and can only be serviced by an authorized SKI-DOO dealer.**
- Vehicles used for racing purposes.
- Vehicle used for rental purpose or other business purposes.
- All optional accessories installed on the vehicle. **(The normal warranty policy for parts and accessories, if any, applies).**
- Damage resulting from operation of the snowmobile on surfaces other than snow.
- Damage resulting from accident, fire or other casualty, misuse, abuse or neglect.
- Damage resulting from modification to the snowmobile not approved in writing by BOMBARDIER.
- Losses incurred by the snowmobile owner other than parts and labour, such as, but not limited to, transportation, towing, telephone calls, taxis, or any other incidental or consequential damages.

Some states or provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply.

CONDITION TO HAVE WARRANTY WORK PERFORMED

Present, to the servicing dealer, the hard copy of the BOMBARDIER Customer Registration card given by the selling dealer at time of purchase.

EXPRESSED OR IMPLIED WARRANTIES

This warranty gives you specific rights, and you may also have other legal rights which may vary from state to state, or province to province.

Where applicable this warranty is expressly in lieu of all other expressed or implied warranties of BOMBARDIER, its distributors and the selling dealer, including any warranty of merchantability of fitness for any particular purpose; otherwise the implied warranty is limited to the duration of this warranty. However, some states or provinces do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply.

Neither the distributor, the selling dealer, nor any other person has been authorized to make any affirmation, representation or warranty other than those contained in this warranty, and if made, such affirmation, representation or warranty shall not be enforceable against BOMBARDIER or any other person.

CONSUMER ASSISTANCE

If a servicing problem or other difficulty occurs, we suggest the following:

1. Try to resolve the problem at the dealership with the Service Manager or Owner.
2. If this fails, contact your area distributor listed in the Operator Manual.
3. Then if your grievance still remains unsolved, you may write to us:

Bombardier Limited
Customer Relations Department
Recreational Product Group
Valcourt, Quebec, Canada, JOE 2LO



Bombardier Limited reserves the right to modify its warranty policy at any time, being understood that such modification will not alter the warranty conditions applicable to vehicles sold while the above warranty is in effect.

November 1978

Bombardier Limited
Valcourt, Quebec, Canada, JOE 2LO

*Trademark of Bombardier Limited

® Registered Trademark Bombardier Limited

OFTEN ASKED QUESTIONS

Q: Why must my snowmobile be registered? After all I do have my original invoice as proof of when I purchased my snowmobile.

A: The information provided by the Customer Warranty Registration card is computerized, and all warranty claims thereafter, are processed by the computer. Without this valuable information on the Warranty Registration Card, we cannot acknowledge warranty or notify owners of a possible recall.

Q: How do I know my vehicle has been registered at the factory?

*A: When you bought your snowmobile the dealer should have completed, and forwarded us the manufacturer's copy of the Customer Warranty Registration. The **hard copy** of the card is your proof that the snowmobile is registered.*

Q: I bought my snowmobile in O'King County but I snowmobile in Washington County. Can the dealer in Washington County accept to perform warranty work on my snowmobile?

A: Yes, any authorized dealer in North America can perform warranty repairs, providing the customer warranty registration card is presented.

Q: Where can I find information on the lubrication and maintenance of my snowmobile?

A: In this Operator Manual provided with the vehicle at the time of first sale.

Q: Will the entire warranty be void or cancelled, if I do not operate or maintain my new snowmobile exactly as specified in the Operator's Manual?

*A: The warranty of the new snowmobile cannot be "Voided" or Cancelled". However, if a particular failure is caused by operation or maintenance other than is shown in the Operator Manual, **that** failure may not be covered under warranty. This includes service work performed by the customer, especially the critical adjustments to ignition, timing, carburetion and oil injection/or oil mixture.*

Q: Would you give some examples of abnormal use or strain, neglect or abuse?

A: These terms are general and overlap each other in areas. Some specific examples may include: running the machine out of oil, sustained high r.p.m. full throttle use, chain failure caused by a lack of lubrication and/or adjustments, operating the machine with a broken or damaged part which causes another part to fail, and so on. If you have any specific questions on operation or maintenance, please contact your dealer for advice.

Q: What costs are my responsibility during the warranty period?

A: The customer's responsibility includes all costs of normal maintenance services, non-warranty repairs, accidents and collision damage, as well as oils, and spark plugs.

Q: Are "Genuine" Bombardier replacement parts used in warranty repairs covered by warranty?

A: Yes. When installed by an authorized dealer, any "genuine" Bombardier part used in warranty repairs assumes the remaining warranty that exists on the machine.

Q: What is Bombardier's policy on extending a warranty?

A: It is not Bombardier's policy to extend warranty. Bombardier has selected a warranty period sufficiently long to permit adequate use of the machine to allow for concealed manufacturing defects to occur.

Q: Manufacturer does not accept warranty work on seized, scored or melted pistons, why?

A: From testing and experience, we know that such piston failures can only be caused by detonation or pre-ignition, which are directly related to the following factors and therefore, are beyond the manufacturer's control.

- Incorrect oil/gas mixture (too little or too much oil).
- Poor quality, outboard or straight mineral oils.
- Removal of intake silencer.
- Hot spark plug(s) (improper heat range).

Q: If I sell my snowmobile within the warranty period, will the new owner qualify for the balance of the warranty?

A: Yes, provided the unit has already been registered with the manufacturer. Note that the change of ownership card in this manual should be completed and sent to Valcourt.

WHEN YOU BUY...

our product you will receive:

SERVICE — from the product itself.

SERVICE — from the dealer who sells the product.

If, however, the service or product is unsatisfactory,

1st

Return to your dealer's service department and discuss the details of the problem with the manager. He is in a position to help you with all maintenance and service needs. If the matter cannot be resolved, he may want to bring the sales manager or the general manager into the discussion.

If the dealer cannot solve the situation.

2nd

Write to your nearest area distributor.

TELL HIM THE FACTS

- Vehicle identification number.
- Date of purchase.
- Name and address of your selling dealer.
- Your name, address and phone number.
- The specific problem.

The matter will receive immediate attention from the distributor's service department.

If at this point your grievance still remains unresolved, **contact**

3rd

**Bombardier Limited,
Valcourt, P.Q. J0E 2L0
Att'n Customer relations**

Provide all necessary details (including names of persons previously contacted). Your problem will be reviewed and instructions will be provided to the persons responsible for product service in your area or we may contact you directly.

LISTING OF AREA DISTRIBUTORS



CANADIAN DISTRIBUTORS

ALPINE DISTRIBUTORS LIMITED
Kalamalka Lake Road
P.O. Box 159
Vernon, British Columbia, V1T 6M2
(604) 545-1314
British Columbia

BOMBARDIER LIMITED
EASTERN CANADA DISTRIBUTION DIVISION
Atlantic Branch
P.O. Box 670
Shediac, New Brunswick, E0A 3G0
(506) 532-4454
Magdalen Island, Nova Scotia, New Brunswick,
Prince Edward Island

BOMBARDIER LIMITED
EASTERN CANADA DISTRIBUTION DIVISION
(Quebec Branch)
1350 Nobel Boulevard
Boucherville, Quebec, J4B 1A1
(514) 527-2469 or 655-6121
Province of Quebec

BOMBARDIER LIMITED
EASTERN CANADA DISTRIBUTION DIVISION
Ontario Branch
230 Bayview Drive
Barrie, Ontario, L4M 2Y8
(705) 728-8600
Province of Ontario

BROOKS EQUIPMENT LIMITED
1616 King Edward Street
P.O. Box 985
Winnipeg, Manitoba, R3C 2V8
(204) 633-7247
Manitoba, Saskatchewan

HUDSON'S BAY CO. LTD.
165 Hymus Boulevard
Pointe-Claire, Québec, M4W 1A8
(514) 697-8500
North-West Territories, Franklin District & Keewatin

J.W. RANDALL LIMITED
West Street
P.O. Box 1050
Corner Brook, Newfoundland, A2H 6G7
(709) 634-3533
Newfoundland, Labrador

TRACT EQUIPMENT
14325, 114th Avenue
Edmonton, Alberta, T5M 2Y8
(403) 452-9910
Alberta, Dist. Mackenzie, Yukon, N.W.T.

AMERICAN DISTRIBUTORS

BOMBARDIER CORPORATION
4505 West Superior Street
P.O. Box 6106
Duluth, Minnesota 55806
(218) 628-2881
North Dakota, Minnesota, Wisconsin, Illinois, Missouri,
Michigan, Indiana, Ohio (less eastern half), Tennessee,
Kentucky, West Virginia, Virginia, Northern Idaho,
Northern Wyoming, Montana, Iowa, Washington

ELLIOTT & HUTCHINS INC.
East Main Street Road
Malone, New York 12953
(518) 483-4411
New York, Massachusetts, Connecticut, Rhode Island,
Pennsylvania, New Jersey, Maryland, Delaware, District of
Columbia, Northern half of Ohio.

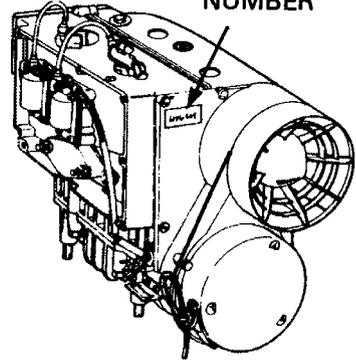
MILLER EQUIPMENT AND RECREATIONAL CENTER
1049 Whitney Road
Anchorage, Alaska 99501
(907) 274-9513
Alaska

TIMBERLAND MACHINES INC.
10 North Main Street
Lancaster, New Hampshire 03584
(603) 788-4738
Maine, New Hampshire, Vermont

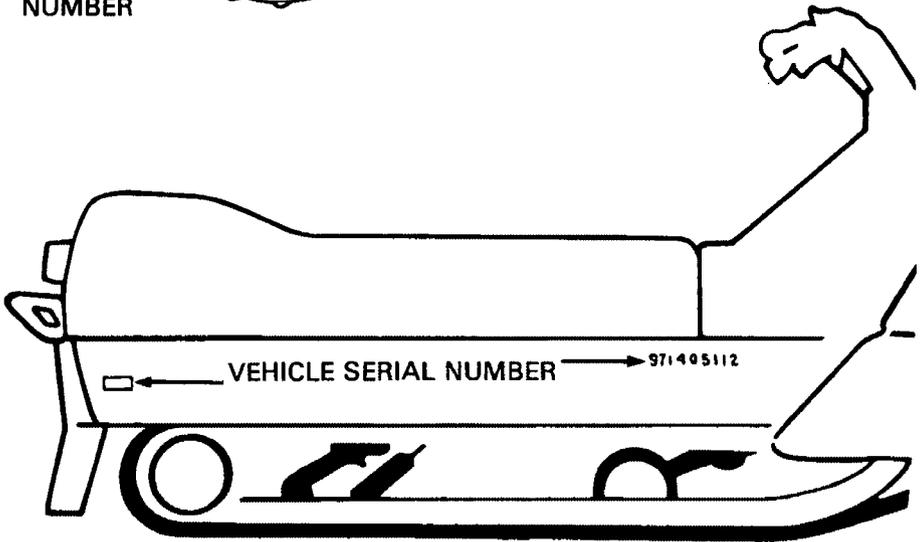
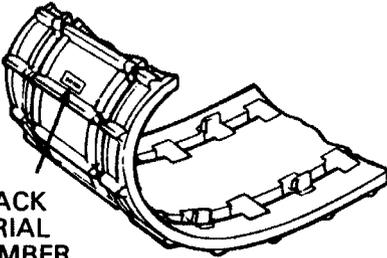
HOW TO IDENTIFY YOUR SNOWMOBILE

The main components of your snowmobile (engine, track and frame) are identified by different serial numbers. It may sometimes become necessary to locate these numbers for warranty purposes or to trace your snowmobile in the event of theft.

ENGINE
SERIAL
NUMBER



TRACK
SERIAL
NUMBER



○ **NOTE:** We strongly recommend that you take note of all the serial numbers on your vehicle and supply them to your insurance company. It will surely help in the event a snowmobile is stolen.

CHANGE OF ADDRESS AND OWNERSHIP

Any change in address or ownership should be brought to the attention of the manufacturer by completing and sending out the card supplied below. This will help us to maintain our files up-to-date.

CHANGE OF ADDRESS



VEHICLE IDENTIFICATION NUMBER

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

OLD ADDRESS:

NAME

NO STREET APT.

CITY STATE ZIP / POSTAL CODE

NEW ADDRESS:

NAME

NO STREET APT.

CITY STATE ZIP / POSTAL CODE

CHANGE OF OWNERSHIP



VEHICLE IDENTIFICATION NUMBER

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

The ownership of this vehicle is transferred

FROM:

NAME

NO STREET APT.

CITY STATE ZIP / POSTAL CODE

TO:

NAME

NO STREET APT.

CITY STATE ZIP / POSTAL CODE





BOMBARDIER LIMITED
ATT.: WARRANTY DEPARTMENT
VALCOURT, QUEBEC
CANADA, J0E 2L0

BOMBARDIER LIMITED
ATT.: WARRANTY DEPARTMENT
VALCOURT, QUEBEC
CANADA, J0E 2L0