



Includes Safety, Vehicle and Maintenance Information

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This Supplement must be used in conjunction with 2005 ZX[™] Series, REV[®] Series, (N/P 520 000 499).

800 H.O. Power TEK Models Expedition / GTX⁺

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🏝 WARNING

Read this supplement thoroughly. It contains important safety information.

Minimum recommended operator's age: 16 years old. Do not remove this Operator's Guide Supplement from the vehicle.

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SAFETY WARNING

Disregarding any of the safety precautions and instructions contained in this *Operator's Guide, Safety Videocassette* or on-product warnings may result in injury, including the possibility of death.

This *Operator's Guide* and *Safety Videocassette* should remain with the unit at time of resale.



In USA, products are distributed by BRP US Inc. In Canada, products are distributed by Bombardier Recreational Products Inc.

The following trademarks are the property of Bombardier Recreational Products Inc.:

SKI-DOO®	GSX™	RENEGADE™	MX-Z®
REVTM	GTX [†]	SUMMIT®	

† GTX is a trademark of Castrol Ltd. Used under license

Dear 2005 REV owner, in addition to the informations in the 2005 ZX^{TM} Series REVTM Series Operator's Guide (P/N 520 000 499), the following also applies to your model.

- EXPEDITION Sport
- GSX Limited 800 HO
- GTX FAN
- GTX Limited
- GTX Sport
- MX Z Renegade 800 HO
- MX Z Renegade X 800 HO
- MX Z X 800 HO

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VEHICLE INFORMATION

ON-VEHICLE IMPORTANT INSTRUCTIONS

The following instructions are also on your snowmobile. If missing or damaged, the decals can be replaced free of charge. See an authorized SKI-DOO dealer.

Please read the following instructions carefully before operating this snowmobile.



TYPICAL — LOCATION OF IMPORTANT INSTRUCTIONS — REV SERIES



Before riding make sure that every seat is installed properly and securely locked in.

A AVERTISSEMENT

Avant d'utiliser la motoneige, assurez-vous que tous les sièges soient bien installés et barrés en place.

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GTX FAN/SPORT/LIMITED MODELS AND EXPEDITION SPORT MODELS

Instruction 22

NEVER SIT IN CARGO AREA.

Exceeding maximum cargo load may affect steering control and braking ability. MAXIMUM cargo load : 15,8 Kg /35 Lbs.

AVERTISSEMENT

NE JAMAIS S'ASSEOIR À LA PLACE DU CARGO.

Excéder le poids maximal du cargo peut affecter le contrôle de la direction et la capacité de freinage.

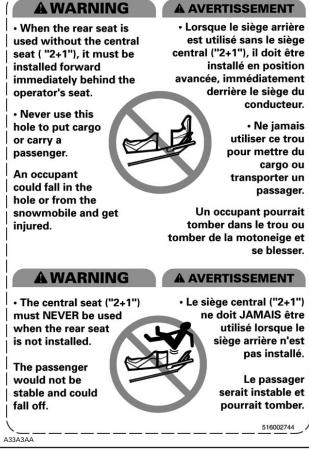
Charge MAXIMALE cargo : 15,8 Kg / 35 Lbs.

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GTX LIMITED MODELS

Instruction 23



GTX LIMITED MODELS

MAINTENANCE INFORMATION

PERIODIC MAINTENANCE CHART

800 HO Power TEK Only

Observe WARNINGS and CAUTIONS mentioned throughout this guide which are relevent to the item being checked. When component conditions seem less than satisfactory, replace with genuine BRP parts or approved equivalents.

Some items may not apply to your particular model. Refer to MAIN-TENANCE in *Shop Manual* for more details.

- (1) 10-HOUR OR 500 km (300 m.) INSPECTION (to be performed by an authorized SKI-DOO dealer)
- (2) WEEKLY OR EVERY 240 km (150 m.)
- (3) MONTHLY OR EVERY 800 km (500 m.)
- (4) ONCE A YEAR OR EVERY 3200 km (2000 m.)
- (5) EVERY 6000 km (3700 m.)
- (6) STORAGE (to be performed by an authorized SKI-DOO dealer)
- (7) PRESEASON PREPARATION (to be performed by an authorized SKI-DOO dealer)

PERIODIC MAINTENANCE CHART	(1)	(2)	(3)	(4)	(5)	(6)	(7)
ENGINE							
Rewind Starter and Rope						I,L,C	Ι
Engine Nuts and Screws	1			1		Ι	
Exhaust System ***	1		Ι			Ι	
Engine Lubrication						L	
Cooling System	1			1			Ι
Coolant	1					R	
Condition of Seals ***						Ι	Ι
RAVE Valves ***				С			
Oil and Filter Replacement (4-TEC)					R		
Injection Oil Filter			-			R	
Injection Oil Pump	А			А			А

PERIODIC MAINTENANCE CHART	(1)	(2)	(3)	(4)	(5)	(6)	(7)
FUEL SYSTEM							
Fuel Stabilizer						R	
Fuel Filter							R
Fuel Lines and Connections	- 1					Ι	
Carburetor							I,C
Throttle Cable	- 1			-		Ι	
Air Filter			С				С
DPM Manifold and Hoses ***							-
Fuel Injection System (visual inspection)				-			
Throttle Body Bores and Throttle Plates ***							С
Intake System and Air Boxes ***							I,C
DRIVE							
Drive Belt	- 1						1
Drive and Driven Pulleys	- 1		1	С		I	С
Tightening Torque of Drive Pulley Screw	1			-			1
Driven Pulley Preload	1			-		-	
BRAKE							
Brake Fluid	1	Ι				R	-
Brake	1	Ι				-	-
TRANSMISSION							
Drive Chain Tension	А		А			А	
Countershaft Lubrication**	L		L			L	
Chaincase Oil	- 1		-			R	
Drive Axle End Bearing**	L		L			L	

PERIODIC MAINTENANCE CHART	(1)	(2)	(3)	(4)	(5)	(6)	(7)
STEERING/SUSPENSION							
Steering and Front Suspension Mechanism **	A,I,L		A,I	L		A,I,L	
Wear and Condition of Skis and Runners	Ι	Ι				Ι	
Suspension Adjustments			AS F	REQU	IRED		
Suspension **	Ι		I,L			I,L	
Suspension Stopper Strap				1		Ι	
Track	Ι		Ι			Ι	
Track Tension and Alignment	A AS REQUIRED						
ELECTRICAL							
EMS Fault Codes	-				-		
Spark Plugs */***	-		-				R
Battery (if so equipped)	-		-			Ι	
Headlamp Beam Aiming				А			А
Wiring Harnesses, Cables and Lines ***	-		-			Ι	
Operation of Lighting System (HI/LO beam, brake light, etc.), Test Operation of Engine Cut-Out Switch and Tether Cut-Out Switch	-	Ι				-	
BODY/FRAME							
Rags in Air Intake and Exhaust System						R	С
Engine Compartment	С		С			С	
Vehicle Cleaning and Protection	С		С			С	

A = ADJUST

- I = INSPECT (clean, inspect, repair, adjust and lubricate)
- L = LUBRICATE
- R = REPLACE
- C = CLEAN
 - * Before installing new spark plugs at preseason preparation, it is suggested to burn excess storage oil by starting the engine with the old spark plugs. Only perform this operation in a well ventilated area.
 - ** Lubricate whenever the vehicle is used in wet conditions (wet snow, rain, puddles).
 - *** Emission-related.

MAINTENANCE FOR EPA CERTIFIED ENGINES

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Maintenance, replacement, or repair of the emission control devices and systems may be performed by any snowmobile SI (spark ignition) engine repair establishments or individual.

Engine Emissions Information

Manufacturer's Responsibility

Beginning with 2004 model year engines, snowmobile manufacturers of snowmobile engines may determine the exhaust emission levels for each engine horsepower family and certify these engines with the United States of America Environmental Protection Agency (EPA). An emissions control information label, showing emission levels and engine specifications, must be placed on each vehicle at the time of manufacture.

Dealer's Responsibility

When performing service on all 2004 and more recent certified SKI-DOO snowmobiles that carry an emissions control information label, adjustments must be kept within published factory specifications.

Replacement or repair of any emission related component must be executed in a manner that maintains emission levels within the prescribed certification standards.

Dealers are not to modify the engine in any manner that would alter the horsepower or allow emission levels to exceed their predetermined factory specifications.

Exceptions include manufacturer's prescribed changes, such as altitude adjustments for example.

Owner Responsibility

The owner/operator is required to have engine maintenance performed to maintain emission levels within prescribed certification standards.

The owner/operator is not to, and should not allow anyone to modify the engine in any manner that would alter the horsepower or allow emissions levels to exceed their predetermined factory specifications.

EPA Emission Regulations

All new 2004 and more recent certified SKI-DOO snowmobiles manufactured by BRP are certified to the EPA as conforming to the requirements of the regulations for the control of air pollution from new snowmobile engines. This certification is contingent on certain adjustments being set to factory standards. For this reason, the factory procedure for servicing the product must be strictly followed and, whenever practicable, returned to the original intent of the design.

The responsibilities listed above are general and in no way a complete listing of the rules and regulations pertaining to the EPA requirements on exhaust emissions for snowmobile products. For more detailed information on this subject, you may contact the following locations:

VIA U.S. POSTAL SERVICE:

Office of Mobile Sources Engine Programs and Compliance Division Engine Compliance Programs Group (6403J)

401 M St. NW Washington, DC 20460

VIA EXPRESS or COURIER MAIL:

Office of Mobile Sources Engine Programs and Compliance Division Engine Compliance Programs Group (6403J)

501 3rd St. NW Washington, DC 20001

EPA INTERNET WEB SITE:

www.epa.gov

WARRANTY

BRP LIMITED WARRANTY NORTH AMERICA: 2005 SKI-DOO® SNOWMOBILES

800 HO Power TEK Only

1. SCOPE OF THE LIMITED WARRANTY

Bombardier Recreational Products Inc. ("BRP")* warrants its 2005 Ski-Doo snowmobiles from defects in material or workmanship for the period and under the conditions described below.

All genuine Ski-Doo parts and accessories, installed by an authorized BRP dealer (as hereinafter defined) at the time of delivery of the 2005 Ski-Doo snowmobile, carry the same warranty as that of the snowmobile.

A GPS receiver may be supplied by BRP as standard equipment on certain 2005 Ski-Doo snowmobiles. The GPS receiver is covered by the limited warranty issued by the GPS receiver's manufacturer and is not covered by this BRP limited warranty.

Use of the product for racing or any other competitive activity, at any point, even by a previous owner, will render this warranty null and void.

2. WARRANTY COVERAGE PERIOD

This warranty will be in effect from the date of delivery to the first retail consumer or the date the product is first put into use, whichever occurs first and for a period of:

TWELVE (12) CONSECUTIVE MONTHS, for private or commercial use owners. However, the warranty coverage period on a snowmobile delivered between June 1st and December 1st of a given year will expire December 1st of the following year.

The emission-related components included in the chart below, that are installed on EPA certified snowmobiles (see list below) registered in the USA are covered for thirty (30) consecutive months or 2500 miles (4000 km) of engine use whichever occurs first. If the 2500 miles (4000 km) are reached during the regular warranty coverage period, the emission-related components are still covered by BRP's standard warranty until the end of regular coverage period.

The EPA certified snowmobiles are those equipped with: 800 HO Power TEK.

EMISSION-RELATED COMPONENTS	800 HO Power TEK
Throttle Position Sensor (TPS)	Х
Air Temperature Sensor (ATS)	Х
Air Pressure Sensor (APS)	Х
Engine Temperature Sensor	Х
Engine Management System (EMS)	Х
Knock Sensor	Х
DPM Solenoid	Х

The repair or replacement of parts or the performance of service under this warranty does not extend the life of this warranty beyond its original expiration date.

3. CONDITIONS TO HAVE WARRANTY COVERAGE

This warranty coverage is available only on 2005 Ski-Doo snowmobile purchased as new and unused by its first owner from a BRP dealer authorized to distribute Ski-Doo products in the country in which the sale occurred ("BRP dealer"), and then only after the BRP specified pre-delivery inspection process is completed and documented. Warranty coverage only becomes available upon proper registration of the product by an authorized BRP dealer. Moreover, this warranty coverage is only available if the Ski-Doo snowmobile is purchased in the country in which the purchaser resides. BRP will not honor this limited warranty to any private use owner or commercial use owner if the preceding conditions have not been met. Such limitations are necessary in order to allow BRP to preserve both the safety of its products, and also that of its consumers and the general public.

Routine maintenance outlined in the *Operator's Guide* must be timely performed in order to maintain warranty coverage. BRP reserves the right to make warranty coverage contingent upon proof of proper maintenance.

4. WHAT TO DO TO OBTAIN WARRANTY COVERAGE

The customer must notify a servicing BRP dealer within two (2) days of the appearance of a defect, and provide it with reasonable access to the product and reasonable opportunity to repair it. The customer must also present to the authorized BRP dealer, proof of purchase of the product and must sign the repair/work order prior to starting the repair in order to validate the warranty repair. All parts replaced under this limited warranty become the property of BRP.

5. WHAT BRP WILL DO

BRP's obligations under this warranty are limited to, at its sole discretion, repairing parts found defective under normal use, maintenance and service, or replacing such parts with new genuine Ski-Doo parts without charge for parts and labor, at any authorized BRP dealer during the warranty coverage period.

BRP reserves the right to improve or modify products from time to time without assuming any obligation to modify products previously manufactured.

6. EXCLUSIONS

The following are not warranted under any circumstances:

- Normal wear and tear;
- Routine maintenance items, tune ups, adjustments;
- Damage caused by failure to provide proper maintenance and/or storage, as described in the Operator's Guide;
- Damage resulting from removal of parts, improper repairs, service, maintenance, modifications or use of parts not manufactured or approved by BRP or resulting from repairs done by a person that is not an authorized servicing BRP dealer;
- Damage caused by abuse, abnormal use, neglect, use of the product on surfaces other than snow, or operation of the product in a manner inconsistent with the recommended operation described in the *Operator's Guide*;
- Damage resulting from accident, submersion, fire, theft, vandalism or any act of God;
- Operation with fuels, oils or lubricants which are not suitable for use with the product (see the *Operator's Guide*);
- Snow or water ingestion;

- Incidental or consequential damages, or damages of any kind including without limitation towing, storage, telephone, rental, taxi, inconvenience, insurance coverage, loan payments, loss of time, loss of income; and
- Damage resulting from studs installed on tracks if the installation does not conform to BRP's instructions.

7. LIMITATIONS OF LIABILITY

THIS WARRANTY IS EXPRESSLY GIVEN AND ACCEPTED IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PUR-POSE. TO THE EXTENT THAT THEY CANNOT BE DISCLAIMED, THE IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE LIFE OF THE EXPRESS WARRANTY. INCIDENTAL AND CONSEQUENTIAL DAMAGES ARE EXCLUDED FROM COVER-AGE UNDER THIS WARRANTY. SOME STATES/PROVINCES DO NOT ALLOW FOR THE DISCLAIMERS, LIMITATIONS AND EXCLUSIONS IDENTIFIED ABOVE, AS A RESULT, THEY MAY NOT APPLY TO YOU. 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.

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

BRP reserves the right to modify this warranty at any time, being understood that such modification will not alter the warranty conditions applicable to the products sold while this warranty is in effect.

8. TRANSFER

If the ownership of a product is transferred during the warranty coverage period, this warranty shall also be transferred and be valid for the remaining coverage period provided that BRP is notified of such transfer of ownership in the following way:

- a) The former owner contacts BRP (at the phone number provided below) or an authorized BRP dealer and gives the coordinates of the new owner; or
- b) BRP or an authorized BRP dealer receives a proof that the former owner agreed to the transfer of ownership, in addition to the coordinates of the new owner.

9. CONSUMER ASSISTANCE

- a) In the event of a controversy or a dispute in connection with this limited warranty, BRP suggests that you try to resolve the issue at the dealership level. We recommend discussing the issue with the authorized dealer's service manager or owner.
- b) If the issue has not yet been resolved, please submit your complaint in writing or call the appropriate number below:

BOMBARDIER RECREATIONAL PRODUCTS INC.	BRP US IN
SKI-DOO	SKI-DOO
CONSUMER SERVICES GROUP	CONSUME
VALCOURT QC J0E 2L0	7575 BOM
Tel: (819) 566-3366	WAUSAU

NC.

ER SERVICES GROUP ABARDIER COURT WAUSAU WI 54401 Tel: (715) 848-4957

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BRP INTERNATIONAL LIMITED WARRANTY: 2005 SKI-DOO® SNOWMOBILES

800 HO Power TEK Only

1. SCOPE OF THE LIMITED WARRANTY

Bombardier Recreational Products Inc. ("BRP") warrants its 2005 Ski-Doo snowmobiles from defects in material or workmanship for the period and under the conditions described below.

All genuine Ski-Doo parts and accessories, installed by an authorized BRP distributor/dealer (as hereinafter defined) at the time of delivery of the 2005 Ski-Doo snowmobile, carry the same warranty as that of the snowmobile.

Use of the product for racing or any other competitive activity, at any point, even by a previous owner, will render this warranty null and void.

2. WARRANTY COVERAGE PERIOD

This warranty will be in effect from the date of delivery to the first retail consumer or the date the product is first put into use, whichever occurs first and for a period of:

TWELVE (12) CONSECUTIVE MONTHS, for private or commercial use owners. However, the warranty coverage period on a snowmobile delivered between June 1st and December 1st of a given year will expire December 1st of the following year.

The repair or replacement of parts or the performance of service under this warranty does not extend the life of this warranty beyond its original expiration date.

3. CONDITIONS TO HAVE WARRANTY COVERAGE

This warranty coverage is available only on 2005 Ski-Doo snowmobile purchased as new and unused by its first owner from a BRP distributor/dealer authorized to distribute Ski-Doo products in the country in which the sale occurred ("BRP distributor/dealer"), and then only after the BRP specified pre-delivery inspection process is completed and documented. Warranty coverage only becomes available upon proper registration of the product by an authorized BRP distributor/dealer. Moreover, this warranty coverage is only available if the Ski-doo snowmobile is purchased in the country or union of countries in which the purchaser resides. BRP will not honor this limited warranty to any private use owner or commercial use owner if the preceding conditions have not been met. Such limitations are necessary in order to allow BRP to preserve both the safety of its products, and also that of its consumers and the general public.

Routine maintenance outlined in the *Operator's Guide* must be timely performed in order to maintain warranty coverage. BRP reserves the right to make warranty coverage contingent upon proof of proper maintenance.

4. WHAT TO DO TO OBTAIN WARRANTY COVERAGE

The customer must notify a servicing BRP distributor/dealer within two (2) days of the appearance of a defect, and provide it with reasonable access to the product and reasonable opportunity to repair it. The customer must also present to the authorized BRP distributor/dealer, proof of purchase of the product and must sign the repair/work order prior to starting the repair in order to validate the warranty repair. All parts replaced under this limited warranty become the property of BRP.

5. WHAT BRP WILL DO

BRP's obligations under this warranty are limited to, at its sole discretion, repairing parts found defective under normal use, maintenance and service, or replacing such parts with new genuine Ski-Doo parts without charge for parts and labor, at any authorized BRP distributor/dealer during the warranty coverage period.

BRP reserves the right to improve or modify products from time to time without assuming any obligation to modify products previously manufactured.

6. EXCLUSIONS

The following are not warranted under any circumstances:

- Normal wear and tear;
- · Routine maintenance items, tune ups, adjustments;
- Damage caused by failure to provide proper maintenance and/or storage, as described in the Operator's Guide;
- Damage resulting from removal of parts, improper repairs, service, maintenance, modifications or use of parts not manufactured or approved by BRP or resulting from repairs done by a person that is not an authorized servicing BRP distributor/dealer;
- Damage caused by abuse, abnormal use, neglect, use of the product on surfaces other than snow, or operation of the product in a manner inconsistent with the recommended operation described in the *Operator's Guide*;
- Damage resulting from accident, submersion, fire, theft, vandalism or any act of God;
- Operation with fuels, oils or lubricants which are not suitable for use with the product (see the *Operator's Guide*);
- Snow or water ingestion;
- Incidental or consequential damages, or damages of any kind including without limitation towing, storage, telephone, rental, taxi, inconvenience, insurance coverage, loan payments, loss of time, loss of income; and
- Damage resulting from studs installed on tracks if the installation does not conform to BRP's instructions.

7. LIMITATIONS OF LIABILITY

THIS WARRANTY IS EXPRESSLY GIVEN AND ACCEPTED IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PUR-POSE. TO THE EXTENT THAT THEY CANNOT BE DISCLAIMED, THE IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE LIFE OF THE EXPRESS WARRANTY. INCIDENTAL AND CONSEQUENTIAL DAMAGES ARE EXCLUDED FROM COVER-AGE UNDER THIS WARRANTY. SOME STATES/PROVINCES DO NOT ALLOW FOR THE DISCLAIMERS, LIMITATIONS AND EXCLUSIONS IDENTIFIED ABOVE, AS A RESULT, THEY MAY NOT APPLY TO YOU. 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.

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

BRP reserves the right to modify this warranty at any time, being understood that such modification will not alter the warranty conditions applicable to the products sold while this warranty is in effect.

8. TRANSFER

If the ownership of a product is transferred during the warranty coverage period, this warranty shall also be transferred and be valid for the remaining coverage period provided BRP or an authorised BRP distributor/dealer receives a proof that the former owner agreed to the transfer of ownership, in addition to the co-ordinates of the new owner.

9. CONSUMER ASSISTANCE

- a) In the event of a controversy or a dispute in connection with this limited warranty, BRP suggests that you try to resolve the issue at the dealership level. We recommend discussing the issue with the authorized distributor/dealer's service manager or owner.
- b) If further assistance is required, the distributor's service department should be contacted in order to resolve the matter.
- c) If the matter still remains unresolved then contact BRP by writing to us at the address listed below.

BOMBARDIER RECREATIONAL PRODUCTS INC.

SKI-DOO CONSUMER SERVICES GROUP VALCOURT QC JOE 2L0 Canada Tel: (819) 566-3366

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