

# **BL Motorcycles Ltd**

*Professional Workshop Manual - English Translation*

## **Hyosung - te\_450**

This manual should be considered a permanent part of the vehicle and should remain with the vehicle when resold or otherwise transferred to a new owner or operator. The manual contains important safety information and instructions which should be read carefully before operating the vehicle.

### **IMPORTANT**

### **WARNING / CAUTION / NOTE**

Please read this manual and follow its instructions carefully.

To emphasize special information the words **WARNING**, **CAUTION** and **NOTE** have special meanings.

Information following these signal words should be carefully reviewed.

### **FOREWORD**

This owners manual is an essential part of your ATV.

Please read it carefully. It contains important information on safety, operation and maintenance.

Failure to follow the warning contained in this manual can result in INJURY or DEATH.

It is especially important that this manual remain with the ATV at the time of resale. The next owner will need this information also.

Store the owners manual in the tray under the seat.

Do not allow anyone under age 16 to ride this ATV.

All information, illustrations, photographs and specifications contained in this manual are based on the latest product information available at the time of publication. Due to improvements or other changes, there may be some discrepancies between information in this manual and your ATV.

Hyosung Motors & Machinery INC. believes in conservation and protection of Earths natural resources. To that end, we encourage every vehicle owner to recycle, trade in, or properly dispose of, as appropriate, used motor oil, coolant, other fluids, batteries and tires.

The proper care and maintenance that your ATV requires is outline in this manual. By following these instructions explicitly you will ensure a long trouble-free operating life for your ATV. This ATV also conforms to the U.S. Environmental Protection Agency (EPA) and California Air Resources Board (CARB) emission regulations which apply to new ATVs. The proper adjustment of engine components is necessary for this ATV to comply with the EPA and CARB

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### **WARNING**

These instructions point out special service procedures or precautions that must be followed to avoid damaging the machine.

### **CAUTION**

### **NOTE**

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This provides special information to make maintenance easier or important instructions clearer.

regulations. Therefore, please follow the maintenance instructions closely to ensure emission compliance. Your authorized Hyosung dealer has experienced technicians that are trained to provide your machine with the best possible service with the right tools and equipment.

Noise Control System (muffler assembly)

## **TAMPERING WITH NOISE CONTROL SYSTEM PROHIBITED**

Owners are warned that the law may prohibit :

- (a) The removal or rendering inoperative by any person other than for the purpose of maintenance, repair or replacement, of any device or element of design incorporated into any new vehicle for the purpose of noise control prior to its any sale or delivery to the ultimate purchaser or while it is in use ; and
- (b) The use of the vehicle after such device or element of design has been removed or rendered inoperative by any person.

## **MAINTENANCE :**

The exhaust system of this motorcycle requires no periodic maintenance.

The engine should be adjusted to the manufactures specifications and the spark plug should be kept in good condition. Running the engine with incorrectly operating spark plug or misadjusted carburetor may cause permanent damage to the catalyst and to the noise control system.

## **WARNING**

### **NOTICE TO OWNERS**

AN ATV IS NOT A TOY AND CAN BE HAZARDOUS TO OPERATE. An ATV handles differently from other vehicles including motorcycles and cars. A collision or rollover can occur quickly, even during routine maneuvers such as turning and driving on hills or over obstacles, if you fail to take proper precautions.

## **WARNING**

**SEVERE INJURY OR DEATH** can result if you do not follow these instructions :

Read this manual and all labels carefully and follow the operating procedures described.

Never operate an ATV without proper instruction. Take a training course. Beginners should receive training from a licensed instructor.

Always follow this age recommendation : A child under 16 years old should never operate an ATV with engine size greater than 90 cc.

## **WARNING**

Before first use of the ATV, read this owners manual carefully to become familiar with the ATVs features, and safety and maintenance requirements. Review all instructions, requirements and warnings.

Keep the owners manual in the storage compartment located under the seat.

Before the riders first use of the ATV, make sure that he/she is familiar with the location and operation of all controls, and has been instructed in the proper operation of the vehicle.

For first use of the ATV, find a level, open area for the rider to use to become familiar with the operation of controls and the operating and handling characteristics of the ATV.

Only permit skilled, experienced riders to use your ATV. Because this is a performance ATV, it should only be used by operators who have already practiced and become skilled at proper ATV riding technique.

Permit use only by dual rider. This ATV is designed for use only by dual rider.

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Always avoid operating an OFF-ROAD type ATV on paved surfaces, including sidewalks, paths, parking lots, drive ways, and streets.

Never operate an OFF-ROAD type ATVs on any public street, road or highway, even a dirt or gravel one.

ON-ROAD type ATV is designed and manufactured for ON-ROAD use only, and handling maneuvers are more difficult to perform on

## WARNING

for turning as described in this manual. Practice turning at low speeds before attempting to turn at faster speeds. Do not turn at excessive speed.

Never operate the ATV on hills too steep for the ATV or for your abilities. Practice on smaller hills before attempting larger hills.

Always follow proper procedures for climbing hills as described in this manual. Check the terrain carefully before you start up any hill. Never climb hills with excessively slippery or loose surfaces. Shift your weight forward. Never open the throttle suddenly or make sudden gear changes. Never go over the top of any hill at high speed.

Always follow proper procedures for going down hills and for braking on hills as described in this manual. Check the terrain carefully before you start down any hill. Shift your weight backward. Never go down a hill at high speed. Avoid going down a hill at an angle that would cause the vehicle to lean sharply to one side. Go straight down the hill where possible.

Always follow proper procedures for crossing the side of a hill as described in this manual. Avoid hills with excessively slippery or loose surfaces. Shift your weight to the uphill side of the ATV. Never attempt to turn the ATV around on any hill until you have mastered the turning technique described in this manual on level ground. Avoid crossing the side of a steep hill if possible rough surfaces. Please check your local riding laws and regulations before operating ON-ROAD type ATV.

Never operate an ATV without wearing an approved motorcycle helmet that fits properly. You should also wear eye protection (goggles or face shield), gloves, boots, longsleeved shirt or jacket, and long pants.

Never consume alcohol or drugs before or while operating this ATV.

Never operate at excessive speeds. Always go at a speed that is proper for the terrain, visibility and operating conditions, your skill and experience.

Never attempt stunts.

Always inspect your ATV each time you use it to make sure it is in safe operating condition. Always follow the inspection and maintenance procedures and schedules described in this manual.

Always keep both hands on the handlebars and both feet on the footrests of the ATV during operation.

Always go slowly and be extra careful when operating on unfamiliar terrain. Always be alert to changing terrain conditions when operating the ATV.

Never operate on excessively rough, slippery or loose terrain until you have learned and practiced the skills necessary to control the ATV on such terrain. Always be especially cautious on these kinds of terrain.

Always follow proper procedures

Always use proper procedures if you stall or roll backwards when climbing a hill. To avoid stalling, use the proper gear and maintain a steady speed when climbing a hill. If you stall or roll backwards, follow the special procedure for braking described in this manual.

Dismount on the uphill side or to a side if pointed straight uphill. Turn the ATV around and remount, following the procedure described in this manual.

Always check for obstacles before operating in a new area. Never attempt to operate over large obstacles, such as large rocks or fallen trees. Always follow proper procedures when operating over obstacles as described in this manual.

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Always be careful when skidding or sliding. Learn to safely control skidding or sliding by practicing at low speeds and on level, smooth terrain. On extremely slippery surfaces, such as ice, go slowly and be very cautious in order to reduce the chance of skidding or sliding out of control.

Never operate an ATV in fast flowing water or in water deeper than that specified in this manual. Remember that wet brakes may have reduced stopping ability. Test your brakes after leaving water. If necessary, apply them several times to let friction dry out the pads.

Always use tires of the size and type specified in this manual. Always maintain proper tire pressure as described in this manual.

Do not make any modifications to this ATV. Modific