

# BL Motorcycles Ltd

*Professional Workshop Manual - English Translation*

## Hyosung - Rally sf\_50\_r

HYOSUNG MOTORS & MACHINERY INC.

Part No. 99011HN3210

NOV. 2003. Printed in KOREA 1st Ed.

For U.S.A

This manual should be considered a permanent part of the motorcycle and should remain with the motorcycle 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 motorcycle.

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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 in this manual. Hyosung reserves the right to make changes at any time.

Please note that this manual applies to all specifications for all respective destinations and explains all equipments. Therefore, your model may have different standard features than shown in this manual.

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### FOREWORD

THANK YOU for choosing Hyosung motorcycle. We at Hyosung have designed, tested and produced this motorcycle using the most modern technology available to provide you with much happy, enjoyable, safe riding. Motorcycling is one of the most exhilarating sports and insure your riding enjoyment, you should become thoroughly familiar with the information presented in this Owner's Manual before riding the motorcycle.

The proper care and maintenance that your motorcycle requires are outlined in this manual.

By following these instructions explicitly you will insure a long trouble-free operating life for your motorcycle. Your Hyosung dealer has experienced technicians that are trained to provide your machine with the best possible service with the right tools and equipment.

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### IMPORTANT

### BREAK-IN INFORMATION FOR YOUR MOTORCYCLE

The first 1,600km (1,000 miles) are the most important in the life of your motorcycle. Proper break-in operation during this time will help ensure maximum life and performance from your new motorcycle.

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Hyosung parts are manufactured of high quality materials, and manufactured parts are finished to close tolerances. Proper break-in operation allows the machined surfaces to polish each other and mate smoothly.

Motorcycle reliability and performance depend on special care and restraint exercise during the break-in period. It is especially important that you avoid operating the engine in a manner which could expose the engine parts to excessive heat.

Please refer to the BREAK-IN section for specific break-in recommendations.

### WARNING/CAUTION/NOTE

Please read this manual and follow its instructions carefully. To emphasize special information the words **WARNING** , **CAUTION** and **NOTE** .

#### NOTE

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

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

#### CAUTION

The personal safety of the rider may be involved. Disregarding this information could result in injury to the rider.

#### WARNING

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Noise Control System (muffler assembly)

### TAMPERING WITH NOISE CONTROL SYSTEM PROHIBITED

Owners are warned that the law may prohibit :

- 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
- 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 manufacturer's 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

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Motorcycle riding is great fun and an exciting sport. Motorcycle riding also requires that some extra precautions be taken to ensure the safety of the rider and passenger. These precautions are:

Before first use of the motorcycle, read this owner's manual carefully to become familiar with the motorcycle's features, and safety and maintenance requirements. Review all instructions, requirements and warnings with the riders. Keep the owner's manual in the personal trunk located under the seat.

Before the rider's first use of the motorcycle, 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 motorcycle.

For first use of the motorcycle, 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 motorcycle.

## WARNING

Before each use, perform daily inspections with the rider. Specific items to check are listed in the INSPECTION BEFORE RIDING section on page 33 of this owner's manual.

Make sure the rider wears a helmet, eye protection, and protective clothing (gloves, leather or heavy cloth pants, long sleeved shirt or jacket, boots).

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

Do not permit anyone to operate the motorcycle under the influence of alcohol or other drugs caused by damage to the motorcycle or altered handling characteristics.

Observe periodic maintenance requirements your authorized HYOSUNG dealer is trained and equipped to perform this service.

Drain gasoline from the fuel tank and carburetor prior to transporting the motorcycle.

Caution the rider and others near the motorcycle not to get close to or touch any moving parts or any heated areas such as the engine and exhaust system.

Do not make any modifications to the motorcycle. Modifications may make the motorcycle unsafe or illegal in your state.

## WARNING

### CONSUMER INFORMATION SAFE RIDING RECOMMENDATION FOR MOTORCYCLE RIDERS

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Do not run the engine indoors or where there is little or no ventilation. Exhaust gases contain carbon monoxide, a potentially lethal gas that is colorless and odorless.

Never leave the motorcycle running while unattended, even for a short time.

## WARNING

Removing your hands from the handlebars or feet from the footrests during operation can be hazardous. If you remove even one hand or foot from the motorcycle, you can reduce your ability to control the motorcycle. Always keep both hands on the handlebars and both feet on the footrests of your motorcycle during operation.

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## WARNING

Always open the throttle gradually to prevent front wheel lifting. Failure to observe this precaution may result in loss of control and an accident.

## WARNING

### WHEN KEEPING FOR LONG PERIOD :

1. Supply the enough fuel in the fuel tank.
2. Do drain wholly the fuel in the carburetor.
3. Remove the battery from the motorcycle.

## CAUTION

The trunk could be heated. Don't keep anything that doesn't endure heat.

Dont keep the fragile.

Check if it is locked.

The unlocking of trunk could cause serious accident.

Dont allow water to get inside the trunk or it could damage.

Dont keep the valuables in the trunk when leaving unattended.

Loading limit of helmet holder : 1.5 kg (3.3 lbs)

Loading limit of personal trunk : 10 kg (22.1 lbs)

Loading limit of rear carrier : 5 kg (11.0 lbs)

Exceed loading limit may result in injury caused by damage to the vehicle or altered handling characteristics.

## CAUTION

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WEAR A HELMET

RIDING APPAREL

INSPECTION BEFORE RIDING

FAMILIARIZE YOURSELF WITH THE MOTORCYCLE

KNOW YOUR LIMITS

BE EXTRA SAFETY CONSCIOUS ON BAD WEATHER DAYS

Motorcycle safety equipment starts with a quality safety helmet. One of the most serious injuries that can happen is a head injury. ALWAYS wear a properly approved helmet. You should also wear suitable eye protection.

## WARNING

Do not operate the ignition switch in the OFF or LOCK position or the engine stop switch in the OFF position while driving at ones pleasure.

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## WARNING

Loose fancy clothing can be uncomfortable and unsafe in terms of riding your motorcycle. Choose good quality motorcycle riding apparel in terms of riding your motorcycle.

## WARNING

Review thoroughly the instructions in the INSPECTION BEFORE RIDING section of this manual. Do not forget to perform an entire safety inspection to ensure the safety of the rider and its passenger.

## WARNING

Your riding skill and mechanical knowledge from the foundation for safe riding practices. We suggest that you practice riding your motorcycle in a non-traffic situation until you are thoroughly familiar with your machine and its controls. Remember practice makes perfect.

## WARNING

Ride within the boundaries of your own skill at all times. Knowing these limits and staying within them will help you to avoid accidents.

## WARNING

Riding on bad weather days, especially wet ones, requires ex