

BL Motorcycles Ltd

Professional Workshop Manual - English Translation

Hyosung - sf_50

1. IMPORTANT BREAK-IN INFORMATION FOR YOUR MOTORCYCLE

The first 1,000km (600 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.

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 exercised 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.

NOTE: This provides special information to make maintenance easier or important instructions clearer. The personal safety of the rider may be involved. Disregarding this information could result in injury to the rider.

WARNING/CAUTION/NOTE

Please read this manual and follow its instructions carefully. To emphasize special information the words WARNING, CAUTION and NOTE carry special meanings and should be carefully reviewed.

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

2. FOREWORD

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

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.

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

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3. TABLE OF CONTENTS

1. CONSUMER INFORMATION	4
ACCESSORY INSTALLATION AND	
PRECAUTION TIPS	
SAFE RIDING RECOMMENDATION	
FOR MOTORCYCLE RIDERS	
SERIAL NUMBER LOCATION	
2. NAMES OF EACH PART	6
3. CONTROLS	7
INSTRUMENT PANEL	
SWITCH	
4. HOW TO USE	9
HOW TO USE THE HELMET HOLDER	
HOW TO OPEN THE SEAT	
HOW TO USE THE PERSONAL TRUNK	
5. GASOLINE AND ENGINE OIL	10
HOW TO PROVIDE THE GASOLINE	
HOW TO SUPPLY THE ENGINE OIL	
6. THE PROPER OPERATIONS	11
HOW TO START THE ENGINE	
HOW TO START OFF	
ADJUSTING THE SPEEDS	
HOW TO OPERATE THE BRAKE	
HOW TO STOP AND PARK	
BREAKING-IN	
7. INSPECTION BEFORE RIDING	16
BRAKES	
TIRES	
GASOLINE AND ENGINE OIL	
LAMPS	
REAR-VIEW MIRRORS	
REFLECTOR	
8. PERIODIC MAINTENANCE	19
FRONT FORK	
BRAKES	
TIRES	
AIR CLEANER	

BL Motorcycles Ltd

Professional Workshop Manual - English Translation

BATTERY

TRANSMISSION OIL

ENGINE OIL AND GASOLINE

9. MAINTENANCE TIPS 23

BRAKE LEVER

FUSES

BATTERY TERMINAL

AIR CLEANER

RUBBER CAP OF CABLES

10. SPECIFICATIONS 25

4. CONSUMER INFORMATION

There are a great variety of accessories available to Hyosung owners. Hyosung cannot have direct control over the quality or suitability of accessories you may wish to purchase except genuine parts. The addition of unsuitable accessories can lead to unsafe operating conditions. It is not possible for Hyosung to test each accessory on the market or combinations of all the available accessories, however, your dealer can assist you in selecting quality accessories and installing them correctly.

Use extreme caution when selecting and installing the accessories for your Hyosung. We have developed some general guidelines which will aid you when deciding whether, and how to equip your motorcycle.

(1) In case that additional weight or aerodynamic affecting accessories are installed, they should be mounted as low as possible, as close to the motorcycle and as near the center of gravity as is feasible. The mounting brackets and other attachment hardware should be carefully checked to ensure that it provides for a rigid, nonmovable mount. Weak mounts can allow the shifting of the weight and create a dangerous, unstable condition.

(2) Inspect for proper ground clearance and bank angle. An improperly mounted load could critically reduce these two safety factors. Also determine that the "load" does not interfere with the operation of the suspension steering or other control operations.

(3) Accessories fitted to the handlebars or the front fork area can create serious stability problems. This extra weight will cause the motorcycle to be less responsive to your steering control. The weight may also cause oscillations in the front end and lead to instability problems. Accessories added to the machine should be as light as possible and kept to a minimum.

(4) The motorcycle may be affected by a lifting condition or by an instability in cross winds or when being passed or passing large vehicles. Improperly mounted or poorly designed accessories can result in an unsafe riding condition, therefore caution should be used when selecting and installing all accessories.

(5) Certain accessories displace the rider from his or her normal riding position. This limits the freedom of movement of the rider and may limit his or her control ability.

(6) Additional electrical accessories may overload the existing electrical system. Severe overloads may damage the wiring harness or create a dangerous situation due to the loss of electrical power during the operation of the motorcycle.

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When carrying a load on the motorcycle, mount it as low as possible and as close as possible to the machine. An improperly mounted load can create a high center of gravity which is very dangerous and makes the motorcycle difficult to handle. The size of the "load" can also affect the aerodynamics and handling of the motorcycle.

Balance the load between the left and right side of the motorcycle and fasten it securely.

MODIFICATION

Modification of the motorcycle, or removal of original equipment may render the vehicle unsafe or illegal.

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:

SAFE RIDING RECOMMENDATION

FOR MOTORCYCLE RIDERS

ACCESSORY INSTALLATION AND PRECAUTION SAFETY TIPS

WEAR A HELMET

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 a suitable eye protection.

RIDING APPAREL

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.

INSPECTION BEFORE RIDING

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.

FAMILIARIZE YOURSELF WITH THE MOTORCYCLE

Your riding skill and mechanical knowledge form 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.

KNOW YOUR LIMITS

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

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BE EXTRA SAFETY CONSCIOUS ON BAD WEATHER DAYS

Riding on bad weather days, especially wet ones, requires extra caution. Braking distances double on a rainy day. Stay off of the painted surface marks, manhole covers and greasy appearing areas as they can be especially slippery. Use extreme caution at railway crossings and on metal gratings and bridges. Whenever you have a doubt about road condition, slow down!

The frame and/or engine serial numbers are used to register the motorcycle. They are also to assist your dealer in terms of ordering parts or referring to special service information.

Frame number:

Engine number:

The frame number is stamped on the right side of the frame under the footboard.

The engine serial number is stamped on the up side of the crankcase assembly.

Please write down the numbers in the box provided below for your future reference.

SERIAL NUMBER LOCATION

5

2. NAMES OF EACH PARTS

Rear brake lever

Turn signal switch

Horn switch

Ignition switch

Starter switch

Light switch

Throttle grip

Front brake lever

Fuel tank

Personal trunk

Oil tank

Rear carrier

Muffler

Air cleaner

Battery & Fuse

Seat lock

Helmet holder

Center stand

Kick start lever

means the invisible parts

3. CONTROLS

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TURN SIGNAL INDICATOR LIGHT

When turn signals are being operated. the indicator will flash intermittently.

OIL INDICATOR LIGHT

When the engine oil level in the tank becomes too low requiring "HYPOL OIL