

# **BL Motorcycles Ltd**

*Professional Workshop Manual - English Translation*

## **Hyosung - Comet 650\_efs**

Part No. 99011HN9110FI

JUL. 2008. Printed in KOREA 1st Ed.

This owners manual contains important safety information.

Please read it carefully. WARNING Comet650 2008.7.11 3:38 PM ` 1 JINSUN 300DPI 100LPI WDownloaded from www.Manualslib.com manuals search engine

1This 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. Comet650 2008.7.11 3:40 PM ` 1 JINSUN 300DPI 100LPI TDownloaded from www.Manualslib.com manuals search engine

22(Standard type) Comet650 2008.7.11 3:40 PM ` 2 JINSUN 300DPI 100LPI TDownloaded from www.Manualslib.com manuals search engine

33(Sports type) Comet650 2008.7.11 3:40 PM ` 3 JINSUN 300DPI 100LPI TDownloaded from www.Manualslib.com manuals search engine

4All 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.

COPYRIGHT S&T Motors Co., Ltd.

FOREWORD

THANK YOU for choosing Hyosung motorcycle. We at Hyosung have designed, tested and produced these motorcycles 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 you to enjoy riding and you should

# BL Motorcycles Ltd

*Professional Workshop Manual - English Translation*

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. Comet650 2008.7.11 3:40 PM

4 JINSUN 300DPI 100LPI TDownloaded from www.Manualslib.com

## 5IMPORTANT

### BREAK-IN INFORMATION FOR YOUR MOTORCYCLE

The first 1,600 km (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.

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 have special meanings .

Information following these signal words should be carefully reviewed.

# **BL Motorcycles Ltd**

*Professional Workshop Manual - English Translation*

## **N O T E**

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 Comet650 2008.7.11 3:40 PM ` 5 JINSUN 300DPI 100LPI TDownloaded from www.Manualslib.com manuals search engine

6Noise 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 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 Comet650 2008.7.11 3:40 PM ` 6 JINSUN 300DPI 100LPI TDownloaded from www.Manualslib.com manuals search engine

7Motorcycle riding is great fun and an exciting sport. Motorcycle riding also requires he/she to take some extra precautions to ensure the safety of the rider and passenger. These precautions are :

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

# BL Motorcycles Ltd

*Professional Workshop Manual - English Translation*

the owners manual storage compartment located under the seat.

Before the riders first use of the

, 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

, 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 .

## **WARNING**

Before each use, perform daily inspections with the rider. Specific items to check are listed in the INSPECTION BEFORE RIDING section on page 55 of this owners 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. These motorcycles is designed for use only by dual rider.

Do not permit anyone to operate the 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 prior to transporting the .

Caution the rider and others near the not to get close

to or touch any moving parts or any heated areas such as the engine and exhaust system.

# BL Motorcycles Ltd

Professional Workshop Manual - English Translation

Do not make any modifications to  
the .

Modifications may make the motor-  
cycle unsafe or illegal in your state.

## WARNING CONSUMER INFORMATION

### SAFE RIDING RECOMMENDATION

FOR MOTORCYCLE RIDERS Comet650 2008.7.11 3:40 PM ` 7 JINSUN 300DPI 100LPI TDownloaded from  
www.Manualslib.com manuals search engine

8The are equipped with  
the side stand ignition interlock system.  
If the transmission is in neutral or side  
stand up, you can only start the engine  
pulling the clutch lever.

This side stand ignition interlock system  
prevents the motorcycle from being  
started with side stand down.

Make sure that the side stand ignition  
interlock system is working properly  
before riding.

### WARNING

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

These motorcycles always come on the  
head lamp, position lamp, meter lamp,  
tail lamp and license plate lamp when  
starting engine.

### CAUTION

While operating the ,  
the rider should keep both feet on the  
footrests at all times, or injuries resulting  
from accidents. Moving the riders feet  
from the footrests reduces the riders  
ability to control the motorcycle, and  
could lead to an accident.

### WARNING

Keep both hands on the handgrips at all  
times when riding. Removing your

# **BL Motorcycles Ltd**

*Professional Workshop Manual - English Translation*

hands from the handgrips reduces your ability to control the motorcycle, and could result in an accident.

## **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. Remove the battery from the motorcycle.

## **CAUTION**

The trunk could be heated. Dont keep anything that doesnt endure heat.

Dont keep the fragile.

Check if it is locked.

The unlocking of rear seat 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 trunk : 1 kg (2.21 lbs)

CAUTION Comet650 2008.7.11 3:40 PM ` 8 JINSUN 300DPI 100LPI TDownloaded from www.Manualslib.com manuals search engine

## **9WEAR 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 a suitable eye protection.

## **WARNING**

# **BL Motorcycles Ltd**

*Professional Workshop Manual - English Translation*

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

**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.

WA