

# **BL Motorcycles Ltd**

*Professional Workshop Manual - English Translation*

## **Hyosung - te\_90 100**

Here's the translated text, formatted to avoid markdown and maintain technical specs as presented in the original:

1 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.

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### **2 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 manual is an essential part of your vehicle. Please read it carefully. It contains important information on safety, operation and maintenance. It is especially important that this manual remain with the vehicle at the time of resale. The next owner will need this information also.

Your HYOSUNG TE100 / 90 is built for use by children, but this owners manual is written for the adults who will be supervising the children. HYOSUNG strongly recommends, therefore, that you review this entire manual with your child and carefully explain the instructions, requirements, and warnings it contains so that your child can understand them.

#### **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 or bystanders may be involved. Disregarding this information could result in personal injury.

#### **WARNING**

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### **3 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:**

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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**

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4 Even though the TE100/90 has four wheels, it can tip over in any direction. Improper turning techniques, traversing hills, accelerating on hills, and turning on hills can all lead to vehicle tip over.

Learn proper riding techniques and avoid riding situations which can lead to tip over accidents.

The TE100 /90 and other all-terrain vehicles (ATVs) have unique handling characteristics. ATVs handle differently than motorcycles. Although ATVs have four (or three) wheels, they handle differently than automobiles, too.

ATVs require special riding techniques suited to their handling characteristics, so be sure that all riders of the TE100/90 practice and master the riding techniques described in this owners manual (Starting on page 24).

**WARNING**

Proper parental supervision and instruction are necessary for safe and proper operation of this TE100/90 by young riders.

**WARNING**

**WARNING**

## IMPORTANT NOTICE TO PARENTS

Read this owners manual carefully and review its contents fully with your child. It is YOUR RESPONSIBILITY to make sure that your TE100 / 90 is properly and safely ridden and maintained.

It is important that both you and your child understand and observe the restrictions listed on the fender label of the TE100 / 90. You must take special precautions to reduce the chance of accidents and injuries resulting from operation of this vehicle. Some of the important safety precautions you should take are :

Supervise operation of the TE100 /90 AT ALL TIMES. Constant supervision is necessary so you can observe that the operator is riding safely.

Never permit children under age 12 to operate the TE100 /90. These children, as well as some children age 12 and older, may not be able to operate this vehicle safely due to physical or mental limitations. Parents should carefully observe their childs first use of the vehicle. Further use should be permitted only if the parent can determine that the child has the physical and mental capabilities necessary to operate the vehicle safely.

Before first use of the TE100 /90, read this owners manual carefully to become familiar with the TE100/90s features, and safety and maintenance requirements. Review all instructions, requirements and warnings with the riders. Keep the owners manual in the storage compartment located under the seat.

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5 Before the riders first use of the TE100 /90, 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 TE100 /90, 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 TE100/90.

Before each use, perform daily inspections with the rider. Specific items to check are listed in the INSPECTION BEFORE RIDING section on page 24 of this owners manual.

Make sure the rider wears a helmet, eye protection, and protective clothing (gloves, leather or heavy cloth pants, long

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sleeved shirt or jacket, boots).

Beware of hazardous situations. Instruct the rider to do likewise.

Do not permit the TE100/90 to be used on public roads AT ANY TIME. This vehicle is designed and manufactured for use ONLY off public roads. It is not subject to Federal Motor Vehicle Safety Standards as it is not equipped or approved for operation on public streets, roads, or highways at any time.

Do not permit the TE100/90 to be operated on any paved surfaces. The vehicle can be more difficult to control when it is operated on pavement.

Permit use only by a single rider. This vehicle is designed for use only by a single rider. Extra seat space is provided so the rider can change his/her body position to maneuver the vehicle. This space should never be used to carry a passenger.

Do not permit anyone to operate the TE100 /90 while under the influence of alcohol or other drugs.

Make sure the combined weight of the rider, protective gear and any accessories or cargo does not exceed the 68kg (150lbs) weight limit. Exceeding this weight limit may result in injury caused by damage to the vehicle or altered handling characteristics.

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

Never permit vehicle refueling by anyone other than an adult.

Drain gasoline from the fuel tank and carburetor prior to transporting the TE100/90.

Caution the rider and others near the TE100/90 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 TE100 /90. Modifications may make the vehicle unsafe or illegal unsafe or illegal in your state.

Do not allow the TE 90 to be ridden at night. This vehicle is not equipped with a head lamp. Unseen obstacles could cause an accident resulting in injury to the rider.

TE100 always come on the head lamp and tail lamp when starting engine.

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8 FUEL

ENGINE OIL

TRANSMISSION OIL

Frame No. :

Engine No. :

The frame number is stamped on the front frame member as shown in the illustration.

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

Please write down the serial numbers here for your future reference.

The frame and/or engine serial numbers are used to title the vehicle. They are also used to assist your dealer when ordering parts or referring to special service information.

Gasoline used should be graded 85 ~ 95 octane or higher. An unleaded type gasoline is recommended. If engine pinging is experienced, substitute another brand as there are differences between brands.

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Use HYOSUNG HYPOL OIL HS.

If they are not available, use a good quality SAE 10W/30 or SAE 10W/40 engine oil conforming to API service classification SF or SG.

TRANSMISSION OIL

Use HYOSUNG HYPOL OIL HS.

If they are not available, use a good quality SAE 10W/30 or SAE 10W/40 engine oil conforming to API service classification SF or SG.