

BL Motorcycles Ltd

Professional Workshop Manual - English Translation

Husqvarna - husqvarna_TE-TC-TCX250-450-510 SMR400-450-510

PRESENTATION

Welcome to the Husqvarna motorcycling Family! Your new Husqvarna motorcycle is designed and manufactured to be the finest in its field. The instructions in this book have been prepared to provide a simple and understandable guide for your motorcycles operation and care. Follow the instructions carefully to obtain maximum performance and your personal motorcycling pleasure. Your owners manual contains instructions for owner care and maintenance. Information covering repair of major units such as engine, transmission, etc. is provided in the Husqvarna Service Manual. The information concerning details or main work of repair or maintenance are described in the Husqvarna Service Manual. This manual is available upon request by stating the code number set on pages 95, 96, 97, 98. Work of this kind requires the attention of a skilled mechanic and the use of special tools and equipment. Your Husqvarna dealer has the facilities, experience and original parts necessary to properly render this valuable service. This Owners Manual and the Purchase Registration Booklet are parts and parcels of the motorcycle, hence, they have to remain with the motorcycle even when sold to another user. This motorcycle uses components designed thanks to systems and state of the art technologies which are thereafter tested in competition. In competition motorcycles, every detail is verified after each race in order to always guarantee better performance. For correct functioning of the vehicle, it is necessary to follow the maintenance and control table found on Appendix A.

MOTOCROSS

SUPERMOTARD

ENDURO

IMPORTANT NOTICES

- 1) The TC and TXC models are guaranteed COMPETITION motorcycles exempt from functional defects, the suggested maintenance table for competition use is shown on Appendix A.
- 2) TE and SMR are STREET LEGAL motorcycles (with LIMITED POWER ENGINE); they are guaranteed exempt from functional defects and covered with legal guarantee, if the STANDARD CONFIGURATION is maintained and the suggested maintenance table, shown on Appendix A (page A8) is observed. If TE and SMR are transformed in COMPETITION MOTORCYCLES (with FULL POWER ENGINE), the suggested maintenance table for competition use is shown on Appendix A.

TE

SMR

TC-TXC

IMPORTANT

The reference for recognition of the guarantee will be the MOTORCYCLE CONFIGURATION, as shown below:

- A) STANDARD MOTORCYCLE, STREET LEGAL: with LIMITED POWER ENGINE
- B) COMPETITION MOTORCYCLE, RACING USE: with FULL POWER ENGINE

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This motorcycle was not designed for long trips with the engine always at maximum rpm as can occur whilst travelling on roads or highways. Long trips at full throttle can cause severe damage to the engine. This motorcycle is setup for competition use and therefore guarantees maximum performance with the rider alone. It is thereby not recommended to use the vehicle on circuits or off-road with a passenger.

ALWAYS keep in mind that these motorcycles have been designed strictly for competition use, that is, for conditions of usage very different from those presented on the road. In order to maintain the vehicles Guarantee of Functionality, the client must follow the maintenance program indicated in the users manual by carrying out maintenance checks at authorized HUSQVARNA dealers. The cost for substituting parts and for the labour necessary in order to respect the maintenance plan, is charged to the client.

NOTE: the guarantee is EXTINGUISHED in the case where the motorcycle is rented.

Important Notice

Read this manual carefully and pay special attention to statements preceded by the following words:

Warning: Indicates a possibility of severe personal injury or loss of life if instructions are not followed.

Caution: Indicates a possibility of personal injury or equipment damage if instructions are not followed.

Note: Gives helpful information.

Parts Replacement

When parts replacement is required, use only Husqvarna ORIGINAL parts.

Warning: After an upset, inspect the motorcycle carefully. Make sure that the throttle, brake, clutch and all other systems are undamaged. Riding with a damaged motorcycle can lead to a serious crash.

Warning: Never attempt to start or operate your motorcycle unless you are wearing appropriate protective clothing. Always wear a motorcycle helmet, motorcycle boots, gloves, goggles and other appropriate protective clothing.

Warning: This motorcycle is a state of the art competition bike. Do not attempt to start or ride this motorcycle until you have received expert instruction and are in excellent physical condition.

PRECAUTIONS FOR CHILDREN WARNING

Park the vehicle where it is unlikely to be bumped into or damaged. Even slight or involuntary bumps can cause the vehicle to topple over, with subsequent risk of serious harm to people or children.

To prevent the vehicle from tipping over, never park it on soft or uneven ground, nor on asphalt strongly heated by the sun.

Engine and exhaust pipes become very hot during riding. Always park your motorcycle where people or children can not easily reach these parts, in order to avoid serious burns.

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Note

References to the left or right of the motorcycle are in the sense of a person facing forwards.

Z: number of teeth

A: Austria

AUS: Australia

B: Belgium

BR: Brazil

CDN: Canada

CH: Switzerland

D: Germany

E: Spain

F: France

FIN: Finland

GB: Great Britain

I: Italy

J: Japan

USA: United States of America

Where not specified, all the data and the instructions are referred to any and all Countries.

IDENTIFICATION DATA

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The engine number is printed on the upper side of the engine case, whereas the frame number is printed on the steering tube. Always state the number stamped on the frame (and write it on this booklet), when placing orders for spare parts, or when asking for information on your motorcycle.

FRAME NUMBER

VEHICLE IDENTIFICATION NUMBER (V.I.N.)

The full 17 digit serial, or Vehicle Identification Number, is stamped on the steering head tube (R.H. side).

1. Frame serial number
2. Engine serial number

(*): Progressiv nr.

(I): Year of the model

(Repeated across multiple pages)

Control location

1. Front brake lever
2. Throttle grip
3. Rear brake control pedal
4. Choke (L.H. side)
5. Fuel tank filler cap
6. R.H. commutator (engine electric start)
7. Rear shock absorber spring preload adjustment
8. Rear shock absorber compression damper adjustment (low and high damping speeds)
9. Rear shock absorber extension damper adjustment
10. L.H. commutator (TE, SMR)
10. Engine stop button (TC-TXC)
11. Clutch control lever
12. Fuel cock (TC-TXC)
13. Gearbox control pedal
14. Air bleeding screw on front fork leg
15. Compression damper adjustment (front fork leg bottom side)
16. Extension damper adjustment (front fork leg top side)