

**tm**  
**RACING**



# Workshop Manual



**EN 250 - 300**  
**450**



### Foreword

This publication, to be used by **TM Racing** workshops, has been drawn-up to assist authorised personnel in the maintenance and repair of motorcycles handled. Perfect knowledge of the technical data stated herein is decisive for the most complete professional training of the operator.

In order to make it easier to understand, the paragraphs have been distinguished by schematic illustrations, which highlight the topic in question.

This manual states information notes with particular meanings:

**⚠ DANGER** : Accident-prevention regulations for the operator and anyone operating in the vicinity.

**⚠ WARNING:** There is a possibility of damage to the vehicle and/or its components.

**NOTE:** Additional information inherent the operation in progress.

### Useful advice

In order to prevent problems on reaching an excellent final result, **TM Racing** srl recommends that the following generic regulations are complied with:

- in the event of any repair, assess the impressions of the Customer reporting the operating anomalies of the motorcycle and formulate appropriate questions in order to clarify the symptoms of the problem;
- clearly diagnose the cause of the anomaly. From this manual it is possible to assimilate the essential theoretical bases, which, moreover, must be integrated by personal experience and the participation of courses, which are periodically organised by **TM Racing**;
- plan the repair rationally, in order to prevent downtimes, receiving spare parts, preparation of tools etc.;
- reach the item to repair, limiting to the essential operations.

In this regard, consulting the disassembly sequence shown in this manual, will be of great help.

### General repair-related regulations

- 1 Always replace the gaskets, sealing rings and the cotter pins with new parts.
- 2 When loosening/tightening nuts or screws, always start with the largest ones or from the centre. Lock at the coupling torque prescribed, following a crosswise pathway.
- 3 Always mark all parts or positions that could be exchanged on re-mounting.
- 4 Use original **TM Racing** spare parts and recommended lubricants.
- 5 Use special tools, where specified.
- 6 Consult official Technical Memos, since they could contain more updated state adjustment data and methods of intervention, with respect to this manual.

**IMPORTANT:** Before operating on the motorcycle, disconnect the negative pole on the battery.

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