

Beta - Beta RR4Tenduro RR 250-400-450-525 owners

77GBRR 250 - 400 - 450 - 525

Thanks for your preference, and have a good time! This handbook contains the information you need to properly operate and maintain your motorcycle.

The data and specifications provided in this manual does not constitute an engagement on the part of BETAMOTOR S.p.A. BETAMOTOR reserves the right to make any changes and improvements to its models at any moment and without notice.

78GBIMPORTANT

We recommend you check all the tightenings after the first one or two hours ride over rough ground. Special attention should be paid to the following parts:

- rear sprocket
- ensure that the footrests are properly fixed
- front/rear brake levers/calipers/discs
- check that the plastics are properly fastened
- engine bolts
- shock absorber bolts/swingarm
- wheel hubs/spokes
- rear frame
- pipe connections
- tensioning the chain

IMPORTANT

For any servicing requirements, please get in contact with Betamotors authorized service network.

CONTENTS

79GBOperating instructions	81
Ecologic guide	81
Riding safety	82
CHAPTER 1 GENERAL INFORMATION	83
Vehicle identification data	84
Delivery	84
Load	85
Tyres	85
Steering lock	86
Familiarizing with your vehicle	87
Controls	88
Specifications	94
Wiring diagrams	98
Electrical devices	100
CHAPTER 2 OPERATION	103
Checks to be performed before each ride	104
Recommended lubricants	105

BL Motorcycles Ltd

Professional Workshop Manual - English Translation

Running-in	105
Starting the engine	106
Refuelling	108
CHAPTER 3 CHECKS AND MAINTENANCE	109
Motor oil level check	110
Motor oil and oil filter substitution	111
Check the level of the front and rear brake fluid and bleeding	114
Check the front and rear brake pads	116
Check the oil level in the hydraulic clutch and bleeding	117
Fork oil	118
Air filter	119
Spark plug	120
Carburetor	121
Coolant	124
Removing the plastics	125
Drive chain maintenance and wear	129
Suspensions: telescopic fork and shock absorber	130
Charging the battery	132
Cleaning and checking the vehicle	133
Scheduled maintenance	134
Prolonged inactivity	135
CONTENTS	
80GBCHAPTER 4 ADJUSTMENTS	137
Brake adjustment: front lever and brake pedal	138
Adjusting the decompressor lever control cable	138
Adjusting the home position of the clutch lever	139
Adjusting the handlebars	139
Adjusting the throttle control cable	140
Checking and adjusting the steering play	140
Tensioning the chain	141
Adjusting the headlight	142
CHAPTER 5 REPLACEMENTS	143
Replacing the brake pads: front and rear	144
Replacing the headlight bulbs	146
Replacing the rear light bulb	146
Replacing the exhaust-pipe	147
CHAPTER 6 TROUBLESHOOTING	149
INDEX	151

81GBOPERATING INSTRUCTIONS

The vehicle must be accompanied by: number-plate, registration document, tax disc and insurance.

Do not carry animals, pets or loose objects that can stick out from the vehicle.

Riding without a crash helmet is forbidden.

Always ride with the low beam on.

Any modifications of the engine or other parts resulting in a power and/or speed increase are punishable by severe sanctions including the confiscation of the vehicle.

To protect your safety and that of others, always drive carefully and with your helmet on.

WARNING

Any modifications and tampering with the vehicle during the warranty period exempt the manufacturer from all responsibility and invalidate warranty.

ECOLOGIC GUIDE

Every vehicle powered by an internal combustion engine produces an amount of noise (noise pollution) and gases (air pollution) which varies with the riding style. The abatement of noise and air pollution levels is the duty of everybody. Avoid full-throttle starts, sudden acceleration and abrupt braking. This will reduce noise emission as well as the wear and tear of the tyres and mechanical parts, and will also allow a considerable reduction in fuel consumption.

82GBRIDING SAFETY

Observe the Highway Code.

Always put on and fasten a homologated helmet.

Always ride with the low beam on.

Always keep the crash helmet visor clean.

Avoid wearing garments with hanging ends.

Do not keep sharp or brittle objects in your pockets while riding.

Properly adjust the rearview mirrors.

Always ride in a seated position, with both hands on the handlebars and both feet on the footrests.

Always pay attention and do not allow anything to distract you while riding.

Do not eat, drink, smoke, use a mobile phone, etc. while riding.

Do not wear headphones to listen to music while riding.

Never ride abreast with other vehicles.

Do not tow and avoid being towed by other vehicles.

Always keep a safe distance from other vehicles.

Do not sit on the vehicle when it is on its stand.

Do not start off while the vehicle is on its stand.

Do not pull out the stand when the vehicle is facing downhill.

Avoid swaying and wheelies as they are extremely dangerous for your own and other peoples safety as well as for your vehicle.

Always apply both brakes on dry roads with no gravel and sand. Using one brake may be dangerous and cause uncontrolled skidding.

To reduce the braking distance, always apply both brakes.

On wet roads and in off-road riding, drive with care and at moderate speed. Take special care in applying the brakes.

Do not start the engine in closed places.

1

GENERAL INFORMATION

83GB CONTENTS

CHAPTER 1 GENERAL INFORMATION

Vehicle identification data

Delivery

Load

Tyres

Steering lock

Familiarizing with your vehicle

Controls

Specifications

Wiring diagram

Electrical devices

1

GENERAL INFORMATION

84GB

VEHICLE IDENTIFICATION DATA

FRAME IDENTIFICATION

Frame identification data A are stamped on the right side of the steering head tube.

ENGINE IDENTIFICATION

Engine identification data B are stamped in the area shown in the figure.

WARNING:

Tampering with the identification numbers is severely punished by law.

DELIVERY

The vehicle is supplied ready for use. However, it is advisable to conduct a few simple checks before riding:

-Check the tyre pressures.

-Check the oil level in the engine.

The following items are supplied as standard: operation and maintenance manual, tool kit (see photo).

A

B

1

GENERAL INFORMATION

85GB

LOAD

To avoid to let the vehicle be unstable, do not carry bulky or heavy objects.

Do not carry objects that stick from the vehicle or cover the lighting and signalling devices.

TYRES

Only fit tyres approved by BETAMOTOR. Unsuitable tyres can adversely affect the road holding of the vehicle.

To protect yo