

BL Motorcycles Ltd

Professional Workshop Manual - English Translation

Beta - Beta REV50 service manual

1REV 50

Thank you for choosing BETA. Wishing you lots of good biking!

This manual will give you the information you need to use your motorcycle correctly and to keep it in excellent condition.

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Main parts

Hand drive controls

Technical data

Electrical diagram

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GENERAL INFORMATION

6

MAIN PARTS

1Air filter

2Fuel tank

3Fuel cap

4Radiator cap

5Kick-starter

6Stand

1

GENERAL INFORMATION

5

6

4

3

2

1

7

1

GENERAL INFORMATION

HAND DRIVE CONTROLS

1Clutch lever

2Front brake lever

3Throttle grip

4Engine stop button

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GENERAL INFORMATION

TECHNICAL DATA

Vehicle weight

ready to operate (unfueled) 60 kg

Dimensions

total length 1850 mm

total width 720 mm

total height 1070 mm

pitch 1210 mm

saddle height 650 mm

clearance from ground 300 mm

Filling capacity

fuel tank 2.5 (lt)

including reserve of 0.5 (lt)

cooling circuit liquid 550 (cc)

crankcase transmission oil 900 (cc)

Front suspension

hydraulic fork with 33 mm Ø rods

Oil content in shafts:

- right 180 cc

- left 180 cc

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GENERAL INFORMATION

Rear suspension

mono shock absorber with progressive system.

Front and rear brake

disk-type with hydraulic control

Engine

type 4M

number of cylinders 1

bore x stroke 39.7X40 mm

displacement 49.88 cc

compression ratio 15.2:1

liquid cooled

electronic ignition by magneto flywheel alternator

kick-starter

spark plug CHAMPION N2C

Fuel system

carburetor DELLORTO PHBG 19

jet 82-52 max - min

operation with gas/oil fuel mixture:

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- synthetic oil. 1.5%

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GENERAL INFORMATION

ELECTRICAL DIAGRAM

Legend

1 Generator

2 High voltage coil

3 Spark plug

4 Engine stop push button

5 Regulator

6 Thermostat

7 Electric fan