

Motorbike Scanner 5650



Product Features and Benefits

Software Update 05 – 06/2008

Covered Functions and Product Features (varies by motorcycle model):

- Option of manual and automatic connection to motorcycle ECU.
- Comprehensive database of motorcycle models archive, including ECU type, diagnostic system, and type, location, and picture of the diagnostic connector.
- Display of live data from the ECU.
- Reading of real time and stored fault codes.
- Fault code deletion.
- Display of other live data, such as RPM, battery voltage, throttle angle, etc.
- Component testing via the diagnostic port, such as of fuel injectors, ignition coils, the fuel pump, etc.
- Turning off the service light.
- Key encoding.
- Unlocking the immobilizer/ anti-theft system.
- Injection regulation (CO Trimmer.)
- Setting the throttle valve position sensor to zero.
- Immobilizer/ alarm system programming.
- Resetting of auto adaptive parameters.
- Idling adjustment.

Motorbike Scanner 5650

Systems which can be tested:

Injection, fault code display; injection system, blinking codes; immobilizer/ anti-theft system; ignition; ABS; service light; instrument panel, body computer, injection system adjustment, transmission.

Covered manufacturers:

Aprilia, Benelli, Bimota, BMW, Cagiva, Derbi, Ducati, Gas Gas, Gilera, Harley-Davidson, Honda, Kawasaki, KTM, KVN Motor, Kymco, Laverda, Malaguti, Mondial, Moto Guzzi, Moto Morini, MV Agusta, Peugeot, Piaggio, Sherco, Suzuki, Triumph, Vespa, Voxan, Yamaha.

Communication protocols:

- Keyword 2000
- ISO9141-2
- SAE J1850 41.6 Kbps PWM
- SAE J1850 10.4 Kbps VPW
- CAN BUS.
- Manufacturers' specific protocols.

Software:

- Languages supported: Italian, English, French, German, Spanish, Portuguese, Greek, Hungarian, Japanese.
- Updateable via RS232, with updates delivered annually
- Software update validation via smart card.
- Software update delivery via Internet, email or CD-ROM.

Standard accessories:

- *5603 Data Router* 5603: data router port selector is connected to a "MASTER" cable, which can then be connected to the following manufacturer-specific cables:
- Packard (Marelli), BMW, Harley-Davidson, Triumph (OBDII).
- *Battery* cable: to provide power to the scan tool from the motorcycle battery.
- "Universal" cable for multiple motorcycle brands.
- CD with operating manuals.
- Heavy-duty carrying case.

Motorbike Scanner 5650

Optional accessories:

- *Power supply* cable: for a.c. power to the scan tool. Used for loading software updates
- *Serial* cable: for loading software updates.
- *Manufacturer specific* cables: Kawasaki 4 pin, Kawasaki 8 pin, Honda 4 pin, Honda 3 pin, Honda 2 pin, Suzuki 6 pin, Suzuki 4 pin, Yamaha 3 pin, Cagiva 10 pin, Aprilia/Ditech, KTM, Aprilia/Sagem, Peugeot, Kymco.
- *Suzuki/Cagiva* cable for injection system adjustment.
- PC *Software* 5605.
- USB/Serial *adapter* model 10005.
- *Power supply*.
- Serial cable

Hardware features

Power supply	8 - 45 V (from the diagnostic port)
Display	Back lit 128x64 Pixel LCD display
Keyboard	23 key alphanumeric
Diagnostic interface	DB15 for the connection to the ECU
Serial interface	RS232 (host connection for software update)
Slot	For SMART CARD for software update validation
Program memory	14MB internal memory FLASH updateable via serial interface