

UNIVERSAL, FAST, SIMPLE AND COMPLETE. THE PERFECT UNIVERSAL DIAGNOSTIC SCAN TOOL FOR POWER SPORT VEHICLES



Configuration for 84 major brands, 5000+ models.
Continuous software updates

Multibrand advanced diagnostics
User-friendly, easy to learn



View Videos



6050

MemoBike



8 seconds
ULTRA-FAST START UP

The MemoBike 6050 is a high-tech handheld instrument that can perform advanced diagnostics on the new generation of motorcycles and power sport vehicles.

It will allow the technician to perform factory service procedures, display ECU data, read, and erase stored fault codes, reset service, allow injection adjustment, identify valve position, program new keys, and much more.



MULTIBRAND DIAGNOSTICS, REPAIRS, SERVICE, PROGRAMMING

An essential instrument, extremely easy to use, but comprehensive and constantly updated. Within the reach of all users and rich in features that make it a must for even the most demanding technicians.

FUNCTIONS

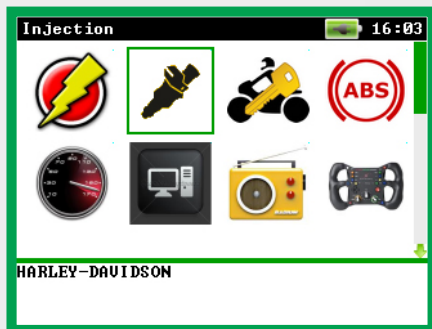
- Components activation and test (injectors, ignition coils, fuel pump, etc.)
- Zero setting service light
- Keys encoding
- Temporary immobilizer unlocking
- Injection adjustment (CO trimmer)
- Throttle valve sensor adjustment (TPS)
- Immobilizer/Alarm configuration
- Zero setting self-adaptive parameters
- Idle regulation
- Air purging test from the ABS hydraulic system
- ABS pressure test.
- Stored failures global search inside ECU.
- Data logger function of engine unit control (ECM) parameters.

- PARAMETERS -		9:55
Ignition switch	ON	
Throttle angle	0.00U	
Intake pressure	946.3mmHg	
Water temperature	81.0°C	
Intake air temperature	26.0°C	
Atmospheric pressure	760.7mmHg	
Engine rpm	0RPM	
Battery voltage	14.9U	
Transmission position	1	
Throttle sensor fault	60 TIMES	
Intake air press. senso..	60 TIMES	
Intake air temp. senso..	60 TIMES	
Water temperature senso..	60 TIMES	
Fuel pump fault #1	59 TIMES	
Drive shaft sensor fault..	0 TIMES	
Vehicle sensor fault to..	60 TIMES	
Transmission position s..	60 TIMES	

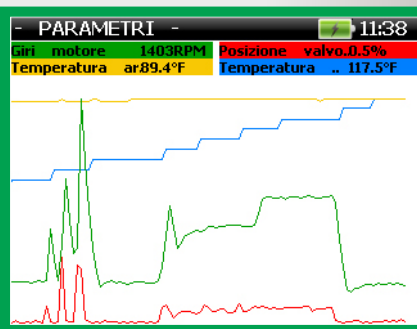
- STORED FAULTS -		11:42
P0201 - Injector #1		
P1514 - Gasoline pump relay locked		
P0120 - Throttle sensor		
P1101 - Intake air pressure sensor		
P0115 - Coolant temperature sensor		
P0110 - Air intake temperature sensor		
P1504 - Speed sensor		
P1510 - Secondary throttle valve posi..		

KAWASAKI
Injection
Kawasaki DFI <4P/6P>

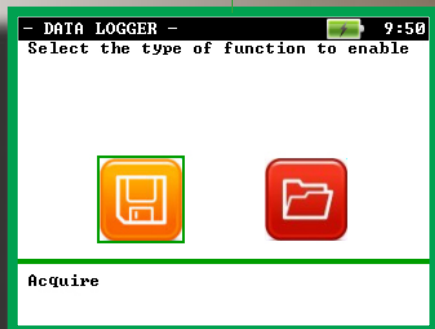
- Automatic and manual search of ECU.
- Vehicle model database, including connector type with its position and cable type to use.
- ECU data display.
- Reading of stored and current faults (DTC).
- Erasing of stored faults.
- Live data display (RPM, battery voltage, throttle angle, etc.)



DTC Global search for scanning diagnosable systems and errors



Intuitive graphical interface for multiparametric reading



Data Logger function to record the parameters while using the vehicle

HARDWARE TECHNICAL FEATURES



8 seconds

ULTRA-FAST START UP



CPU

Cortex M3 (96 Mhz)

Bluetooth Ready

- Internal memory
- Diagnostic interface
- USB interface
- Supply

32 MB RAM memory, 4GB Flash memory
 Db26 ISO22900-1 (MVCI), Internal Multiplexer
 Mass Storage connection for software update

- Internal with LiPoly rechargeable batter
- External, 5V with cable
- From vehicle, 8-16V

- Display
- Dimensions
- Weight
- Audio
- Keyboard

Led LCD 3.5 " full color high-definition 320x240 pixel

6.9" x 4.4" x 1.4" (175 x 112 x 36 mm)

9.3 oz. (263 g)

1 speaker

9 keys

SOFTWARE



- Periodic software updates via Internet
- Instrument update via USB interface

COVERED SYSTEMS



- Ignition
- Injection (*display codes*)
- Injection (*blink codes*)
- Injection adjustment
- Electric traction
- Traction control
- TCM (*Traction Control Module*)
- Immobilizer
- Alarm
- Keyless system
- ABS
- Service
- Control panel
- Body computer
- EPS (*Electric Power Steering*)
- DPS (*Dynamic Power Steering*)
- EPT (*Electric Power Throttle*)
- TPMS
- Transmission
- Suspensions
- ACS (*Air Control Suspension*)
- Inertial Platform
- Parking
- WPM (*Windshield Parking Module*)
- Handlebar controls
- Headlight adjustment
- Speed regulation
- Radio

COMMUNICATION PROTOCOLS



- ISO 14230-4 (KWP 2000)
- ISO 9141-2
- SAE J1850 41.6 Kbps PWM
- SAE J1850 10.4 Kbps VPW
- ISO 15765-4 (CAN)
- Manufacturers protocols



P/N# MS6050R17

Always include in this Diagnostic Kit:

- 6050 Handheld instrument
- Master Cable
- Universal Cable
- Battery Cable
- USB Cable
- Universal software for all brands

All in a durable carrying case.

P/N# MS6050DMM – Same as above but also Includes ten (10) of the most popular OEM-Connection Cables.

MemoBike 6050

COVERED BRANDS

ADIVA	KSR MOTO
AEON	KTM
AJP	KVN MOTOR
APRILIA	KYMCO
ARCTIC CAT	LAMBRETTA
BAJAJ	LANCE
BENELLI	LAVERDA
BETAMOTOR	MACBOR
BIMOTA	MALAGUTI
BMW	MASH
BOOM TRIKES	MBK
BRIXTON MOTORCYCLES	MGK HELLENIC MOTOR
BROUGH SUPERIOR	MH MOTORCYCLES
BRP CAN-AM	MINSK
BUELL	MITT
CAGIVA	MONDIAL
CFMOTO	MOTO GUZZI
COLEMAN	MOTO MORINI
CSC MOTORCYCLES	MV AGUSTA
DAELIM	MZ
DAFRA	PEUGEOT
DERBI	PIAGGIO
DUCATI	POLARIS
FANTIC MOTOR	QUADRO
FB MONDIAL	RIEJU
GARELLI	RIYA
GAS GAS	ROYAL ENFIELD
GENERIC	SEA-DOO
GEON	SHERCO
GG TECHNIK	SINNIS
GILERA	STELS
GOES	SUZUKI
HARLEY-DAVIDSON	SYM
HISUN	TGB
HONDA	TRIUMPH
HONDA MARINE	VERVEMOTO
HUSABERG	VESPA
HUSQVARNA	VICTORY
INDIAN	VOGE
KAWASAKI	VOXAN
KEEWAY	YAMAHA
KL-KAWASAKI	ZONGSHEN

DIVAS 6053 OPTIONAL

P/N #MS6053



The 6053 DIVAS is a new accessory available for the 6050 Memobike scanner, which extends the range of diagnostic capabilities through a series of additional applications necessary for the proper tune-up of vehicles:

- Synchronization of the throttle valves on carburetor and fuel injected systems
- Dynamic analysis of the manifold intake pressures
- Synchronization procedures integrated with diagnostic functionalities of the engine control unit (idle speed control lock, TPS and / or self-adaptive parameter reset, analysis of fault code memory, verification of proper operating conditions, etc.)
- 3 analogical input ports for dynamic analysis and data acquisition of vehicle sensors
- Built-in microphone



Vehicle specific OEM-level connector cables

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