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## AUTOLOGIC FOR MERCEDES BENZ

The Autologic® diagnostic tool for Mercedes-Benz vehicles is without doubt the most comprehensive tool to be made available to independent Mercedes Benz specialists. The world-first software enables access to full dealer-level capabilities that initially covers 129, 163, 168, 170, 202, 203, 208, 209, 210, 211, 215, and 230 models. Additional upgrade modules to be made available in the near future for 124, 140, 414, 463 and 639 as well as Sprinter and Vito light commercial vehicles.

Autologic® for Mercedes-Benz is unique in offering full fault code read and re-set, dynamic data, activation of components, clearing and setting of adaptation values, coding and programming of control modules, for example;

programming of new control modules, system controls such as adjustment of engine idle, programming of car and key memory, real-time reading of all dynamic data, ASSYST and ASSYST+ Active Service Systems, procedure for the fitting of Mercedes-Benz accessories and D2B/MOST ring components.

Systems accessed by the tool include:

- Engines
- Transmissions
- Electronic Selector Module
- AIRmatic and Active Body Control Suspension Systems
- Traction Systems: ESP/ASR/ETS/ABS/BAS & SBC systems (211 & 230 chassis)
- Multiple Restraint Systems/Airbag
- All body modules OCP/UCP/LCP/SCM/SKF/KFB/CGW
- Drive Authorisation System
- SAM (Signal Acquisition) Modules
- Electronic Ignition System
- Pneumatic System Equipment
- Air Conditioning Systems
- Instrument Cluster
- Tyre Pressure Control
- Parktronic System
- Keyless Go
- D2B/MOST Command & Audio
- TV Tuner
- Headlamp Range Adjustment
- Seat Electronics
- Door Control Modules
- RVC, RST & Vario Roof modules (208, 129 & 170 chassis)
- ACS / FTC / GRM (168 chassis)
- AAM / EAM / DAS / SEM / VG Transfer Case (163 chassis)

Leads & connectors:

- OBD11 connector and 1m cable
- Mercedes 38 pin connector and multiplexor
- 3m extension cable
- Serial to serial connector cable for Internet upgrades

System packaged in a lightweight, ruggedised flight case

## DIAGNOSTIC CAPABILITIES

	ECU VERSION INFORMATION	FAULT READ & CLEAR	DYNAMIC DATA	COMPONENT ACTIVATION	FULL ECU CODING
<b>ENGINES :</b>					
ECU version information, dynamic data, fault code read / clear, version coding and interlocking to DAS system. Correction programming of ignition, fuel quantity, idling speed adjustment and electric suction fan temperature offset. Full component activation. Re-setting of sensor and mixture adaptation and first initialisation. Smooth running engine test and electronic compression test.					
PMS	Y	Y	Y	Y	Y
HFM	Y	Y	Y	Y	Y
ME-SFI 2.0	Y	Y	Y	Y	Y
ME-SFI 2.1	Y	Y	Y	Y	Y
ME-SFI 2.8	Y	Y	Y	Y	Y
ECM	Y	Y	Y	Y	Y
ERE	Y	Y	Y	Y	Y
CDI1	Y	Y	Y	Y	Y
CDI2	Y	Y	Y	Y	Y
CDI3	Y	Y	Y	Y	Y
<b>TRANSMISSION :</b>					
Read and clear fault codes, ECU version information, dynamic data, component activation, reset adaptation values and ATF condition monitor. 168 chassis transmissions including AKS system: bleed system, teach in gear positions and program byte point determination					
EAG	Y	Y	Y	Y	N/A
EGS	Y	Y	Y	Y	Y
ETC	Y	Y	Y	Y	Y
<b>ELECTRONIC SELECTOR MODULE :</b>					
Read and clear fault codes, ECU version information, dynamic data, component activation and interlocking to DAS system.					
ESM	Y	Y	Y	Y	Y
<b>TRACTION SYSTEMS :</b>					
ECU version information, read and clear fault codes, dynamic data, component activation and control unit adaptations.					
ESP	Y	Y	Y	Y	Y
ASR	Y	Y	Y	Y	N/A
ETS	Y	Y	Y	Y	N/A
ABS	Y	Y	Y	Y	N/A
BAS	Y	Y	Y	Y	N/A
VP	Y	Y	Y	Y	N/A
<b>BRAKING SYSTEMS :</b>					
ECU version information, read and clear fault codes, dynamic data, component activation, system deactivation and re-activation required for all service procedures including brake pad and / or brake disk replacement (211 & 230 chassis).					
SBC	Y	Y	Y	Y	N/A
<b>SUSPENSION SYSTEMS :</b>					
ECU version information, read and clear fault codes, dynamic data, component activation, fully automated system tests, height level adjustment and manual height calibration for fitting new modules.					
AirMATIC	Y	Y	Y	Y	Y
ABC	Y	Y	Y	Y	Y

	ECU VERSION INFORMATION	FAULT READ & CLEAR	DYNAMIC DATA	COMPONENT ACTIVATION	FULL ECU CODING
<b>AIRBAG / SRS :</b>					
Read and clear fault codes, ECU version information, dynamic data, control unit adaptations / coding. New ECU parameterization.					
AIRBAG	Y	Y	Y	N/A	Y
<b>ELECTRONIC IGNITION SYSTEM :</b>					
ECU version information, read and clear fault codes, dynamic data, control unit adaptations / ECU coding, disable key/key track. Key coding and EIS / ESL activation.					
EZS	Y	Y	Y	N/A	Y
EZS2	Y	Y	Y	N/A	Y
EZS4	Y	Y	Y	N/A	Y
<b>BODY MODULES :</b>					
<b>OCP/UCP/LCP/SCM/DCM's/HRA/PSE/CCM/CGW</b>					
ECU version information, read and clear fault codes, dynamic data, component activation and coding of new modules					
OCP	Y	Y	Y	Y	N/A
UCP	Y	Y	Y	Y	N/A
LCP	Y	Y	Y	Y	Y
SCM	Y	Y	Y	Y	N/A
DCM'S	Y	Y	Y	Y	Y
HRA	Y	Y	Y	Y	Y
PSE	Y	Y	Y	Y	Y
SKF / KFB	Y	Y	Y	Y	Y
<b>SIGNAL ACQUISITION AND ACTIVATION MODULES – SAM :</b>					
ECU version information, read and clear fault codes, dynamic data, component activation.					
SAM	Y	Y	Y	Y	Y
SAM-F	Y	Y	Y	Y	Y
SAM-FL	Y	Y	Y	Y	Y
SAM-FR	Y	Y	Y	Y	Y
SAM-REAR	Y	Y	Y	Y	Y
CGW	Y	Y	N/A	N/A	Y
<b>TIRE PRESSURE MONITOR :</b>					
ECU version information, read and clear fault codes, dynamic data, component activation, module coding, control unit start up.					
RDK	Y	Y	Y	N/A	Y
<b>RVC / RST / VARIO ROOF :</b>					
ECU version information, read and clear fault codes, dynamic data & component activation.					
RVC	Y	Y	Y	Y	N/A
RST	Y	Y	Y	Y	N/A
VARIO ROOF	Y	Y	Y	Y	N/A
<b>INSTRUMENT CLUSTER :</b>					
ECU version information, read and clear fault codes, dynamic data, component activation, version coding, coding of key dependent settings, optional equipment installation, ICM specific coding, increase/reset odometer reading, ASSYST / ASSYST + Active Service System administration for oil change/service information storage.					
KIWK2 / KIWFB	Y	Y	Y	Y	Y
KI	Y	Y	Y	Y	Y
KIL	Y	Y	Y	Y	Y
KIWK4	Y	Y	Y	Y	Y
ICM	Y	Y	Y	Y	Y
<b>ALL ACTIVITY MODULE :</b>					
ECU version information, read and clear fault codes, dynamic data, component activation, version coding, coding of transmitter key radio code, correction programming, revocably deactivate and activate keys.					
AAM	Y	Y	Y	Y	Y

	ECU VERSION INFORMATION	FAULT READ & CLEAR	DYNAMIC DATA	COMPONENT ACTIVATION	FULL ECU CODING
<b>EXTENDED ACTIVITY MODULE (MY2000) :</b>					
ECU version information, read and clear fault codes, dynamic data, component activation, version coding.					
EAM	Y	Y	Y	Y	Y
<b>DAS MODULE (MY2000) :</b>					
ECU version information, read and clear fault codes, dynamic data, component activation, version coding, learn replacement key, correction programming, revocably deactivate and activate keys.					
DAS	Y	Y	Y	Y	Y
<b>SEM – SECURITY MODULE (UP TO MY1999) :</b>					
ECU version information, read and clear fault codes, dynamic data, component activation, version coding.					
SEM	Y	Y	Y	Y	Y
<b>LCP (163 CHASSIS MY2002 &amp; 168 CHASSIS) :</b>					
ECU version information, read and clear fault codes, dynamic data and component activation.					
LCP	Y	Y	Y	Y	N/A
<b>A-CLASS TRANSMISSIONS (AKS, FTC &amp; GRM) :</b>					
<b>AUTOMATIC CLUTCH SYSTEM (AKS) :</b>					
ECU version information, read and clear fault codes, dynamic data, component activation and new module setup: system bleeding, teaching in gear positions and engagement point determination.					
AKS	Y	Y	Y	Y	Y
<b>FRONT AUTOMATIC TRANSMISSION :</b>					
ECU version information, read and clear fault codes, dynamic data, component activation and ECU coding. Reading and resetting of adaptation data and diagnostic routines.					
FTC	Y	Y	Y	Y	Y
<b>GEAR RECOGNITION MODULE :</b>					
ECU version information, read and clear fault codes, dynamic data and component activation.					
GRM	Y	Y	Y	Y	N/A
<b>RADIO FREQUENCY LOCKING :</b>					
ECU version information, read and clear fault codes, dynamic data, component activation, version coding, revocably deactivate and activate keys.					
RFL	Y	Y	Y	Y	Y
<b>ATA :</b>					
ECU version information, read and clear fault codes, dynamic data, component activation, version coding.					
ATA	Y	Y	Y	Y	Y
<b>PARKTRONIC :</b>					
ECU version information, read and clear fault codes, dynamic data AND component activation.					
PTS	Y	Y	Y	Y	N/A

	ECU VERSION INFORMATION	FAULT READ & CLEAR	DYNAMIC DATA	COMPONENT ACTIVATION	FULL ECU CODING
<b>COMMAND &amp; AUDIO :</b>					
ECU version information, read and clear fault codes, dynamic data, component activation, version coding. Retrofitting of D2B / MOST components. TV activation whilst vehicle is moving at any speed.					
D2BCOMMAND	Y	Y	Y	Y	Y
D2B AUDIO	Y	Y	Y	Y	Y
AGW	Y	Y	Y	Y	Y
<b>TV TUNER :</b>					
ECU version information, read and clear fault codes, dynamic data, component activation, version coding.					
TV TUNER	Y	Y	Y	Y	Y
<b>AIR CONDITIONING :</b>					
ECU version information, read and clear fault codes, dynamic data, component activation, version coding.					
AAC	Y	Y	Y	Y	Y
KLA	Y	Y	Y	Y	Y
TAU	Y	Y	Y	Y	Y
<b>ELECTRIC SEAT ADJUSTMENT :</b>					
ECU version information, read and clear fault codes, dynamic data, component activation, version coding.					
ESA-FL	Y	Y	Y	Y	Y
ESA-FR	Y	Y	Y	Y	Y
ESA-REAR	Y	Y	Y	Y	Y
<b>MULTI CONTOUR SEAT :</b>					
ECU version information, read and clear fault codes, dynamic data, component activation and version coding.					
OSB-FL	Y	Y	Y	Y	Y
OSB-FR	Y	Y	Y	Y	Y
<b>KEYLESS – GO :</b>					
ECU version information, read and clear fault codes, dynamic data, component activation, transmitter card cancelling and re-assignment.					
KG	Y	Y	Y	Y	Y