

1. BMW Product Description (BMW 產品介紹)

The Autologic diagnostic tool for BMW vehicles is without doubt the most comprehensive tool to be made available to independent BMW specialists.

Autologic 診斷工具絕對是市面上最全面的 BMW 診斷儀。

Full dealer-level capabilities that covers 等同經銷商級別的完整

BMW 車款包括:

- 1 SERIES: E81/E82/E87/E88
- 3 SERIES: E90/E91/E92/E93/E46/E36
- 5 SERIES: F10/F11/E60/E61/E39/E34
- 5 GT : F07
- 6 SERIES: R63/E64
- 7 SERIES: F01/F02/F03/E65/E66/E67/E68/E38/E32
- 8 SERIES: E31
- X SERIES: X6(E71/E72) X5(E70/E53) X3(E83) X1(E84)
- Z SERIES: Z4(E89/E86/E85) Z3(E36/7/8) Z8(E52)
- M SERIES: M3/M5/M6/X5 M/X6 M/Z4 M/ Z3 M

Autologic for BMW is unique in offering: Autologic 為 BMW 提供的特別服務:

- CIP (Coding Individualisation & programming)

度身訂做編碼編程

- Flash Programming

閃存編程

- Dealer level ECU Software Coverage

ECU 軟件達到原廠水平級別

- ECU Trial Substitution

電控單元試驗替代

- Quick Test & Quick Clear

快速測試和快速清除

- Fault codes timeline report

故障碼產生的時間列表報告

- CBS: Condition Based Service reset and error correction

損耗零件的重設與糾正

- Retrofitting of BMW accessories and extras

BMW 配件及附加的改造

- Car/Key Memory Function for personalising vehicle

不同駕駛者的度身設定記憶

- Pre-Delivery Check

交新車前的檢查調整

- Transport Mode

運輸保護模式

Furthermore 還有:

- ADAPTATION and ADJUSTMENT procedures for DRIVE /

CHASSIS / BODY systems

駕駛/底盤/車身系統適配和調整程序

- FAULT RECTIFICATION and TEST PROCEDURES

故障改正和測試程序

- SERVICE FUNCTION

服務功能

- Full component activation

激活所有組件

- All dynamic data

所有動態數據

- Engine and immobilizer alignment

發動機和固定物調整

- And More

更多

2 DIAGNOSTIC CAPABILITIES 診斷項目

DRIVE SYSTEMS

- DIGITAL MOTOR \ DIESEL ELECTRONICS (DME \ DDE)
- ELECTRICAL-MACHINE ELECTRONICS (EME)
- TRANSMISSION MANAGEMENT (EGS / SMG)
- TRANSFER CASE (VTG)
- GEAR SELECTOR SWITCH (GWS)
- ELECTRONIC FUEL-PUMP CONTROL (EKPS)
- VALVETRONIC (VTC)
- ELECTRONIC THROTTLE CONTROL (EML)
- VARIABLE CAMSHAFT CONTROL (VNC)
- SERVOTRONIC (SVT)
- CAR ACCESS SYSTEM (CAS)
- ELECTRONIC IMMOBILISER (EWS)

- LATERAL-MOMENT DISTRIBUTION REAR AXLE (QMVH)
- FORCE FEEDBACK PADDLE (FFP)
- ACCUMULATOR-MANAGEMENT ELECTRONICS (SME)
- LEFT ELECTRIC-MOTOR (EMALI)
- RIGHT ELECTRIC-MOTOR REEL (EMARE)
- SELECTIVE CATALYTIC REDUCTION (SCR)

CHASSIS SYSTEMS

- DYNAMIC STABILITY CONTROL (ABS/ASC/DSC)
- ANTI-LOCK BRAKING SYSTEM (ABS)
- INTEGRATED CHASSIS MANAGEMENT (ICM)
- LONGITUDINAL DYNAMICS MANAGEMENT (LDM)
- ACTIVE STEERING (AL)
- TYRE PRESSURE CONTROL (RDC)
- ACTIVE CRUISE CONTROL (ACC)
- CRUISE CONTROL (GR2)
- DYNAMIC DRIVE (ARS)
- LANE CHANGE WARNING (SWW)
- PARKING BRAKE (EMF)

- ELECTRONIC POWER STEERING (EPS)
- ELECTRONIC RIDE-HEIGHT CONTROL (EHC)
- ELECTRONIC DAMPER CONTROL (EDC)
- VERTICAL DYNAMICS MANAGEMENT (VDM)
- CHASSIS INTEGRATION MODULE (CIM)
- DAMPER SATELLITE, FRONT LEFT (EDCSVL)
- DAMPER SATELLITE, FRONT RIGHT (EDCSVV)
- DAMPER SATELLITE, REAR LEFT (EDCSHL)
- DAMPER SATELLITE, REAR RIGHT (DECSSR)
- STEERING ANGLE SENSOR (LEW)
- REAR AXLE KINEMATICS (AHK)
- REAR-AXLE SLIP-ANGLE CONTROL (HSR)
- CLOSED LOOP CONTROLLED DIFFERENTIAL LOCK AWD (GSA)

SAFETY SYSTEMS

- AIRBAG (AB)
- CRASH SAFETY MODULE (ACSM)
- MULTIPLE RESTRAINT SYSTEM (MRS)

- SAFETY AND GATEWAY MODULE SIM (SGM-SIM)
- SAFETY AND GATEWAY MODULE ZGM (SGM-ZGM)
- SATELLITE A-PILLAR, LEFT (SASL)
- SATELLITE A-PILLAR, RIGHT (SASR)
- SATELLITE B-PILLAR LEFT (SBSL)
- SATELLITE B-PILLAR RIGHT (SBSR)
- SATELLITE VEHICLE CENTRE (SFZ)
- SATELLITE, DOOR, FRONT LEFT (STVL)
- SATELLITE, DOOR, FRONT RIGHT (STVR)
- SATELLITE, SEAT, DRIVER (SSFA)
- SATELLITE, SEAT, PASSENGER (SSBF)
- SATELLITE, SEAT, REAR (SSH)
- SWITCH CENTRE, STEERING COLUMN (SZL)

LIGHTS

- LIGHT MODULE (LM)
- FOOTWELL MODULE (FRM)
- LIGHT CHECK MODULE (LCM)
- LIGHTS SWITCHING CENTRE (LSZ)

- ADAPTIVE DIRECTIONAL HEADLIGHTS (AHL)
- RAIN / LIGHT SENSOR (RLS)
- HIGH BEAM ASSIST (FLA)
- XENON LIGHTS (XEN)
- AUTOMATIC HEADLIGHT VERTICAL AIM CONTROL (LRA)

SEATS

- SEAT MODULA, DRIVER (SMFA)
- SEAT MODULA, PASSENGER (SMBF)
- SEAT MODULA, DRIVER'S SIDE, REAR (SMFAH)
- SEAT MODULA, PASSENGER'S SIDE, REAR (SMBFH)
- SEAT / MIRROR / STEERING COLUMN MEMORY (SPM / SM / LSM)
- SEAT OCCUPANCY, PASSENGER (SBBF)
- SEAT MEMORY, DRIVER (SMF)
- ACTIVE BACKREST WIDTH, DRIVER (ALBFA)
- ACTIVE BACKREST WIDTH, FRONT PASSENGER (ALBBF)

LOCKING AND SECURITY FUNCTIONS

- BODY BASIC MODULA (KBM)
- DRIVER'S DOOR MODULA (TMFA)
- PASSENGER DOOR MODULA (TMBF)
- DOOR MODULE, DRIVER'S DOOR (TMFAT)
- DOOR MODULA, PASSENGER DOOR (TMBFT)
- DOOR MODULA, DRIVER'S SIDE, REAR (TMFAH)
- DOOR MODULA, PASSENGER SIDE, REAR (TMBFH)
- COMFORT ACCESS SYSTEM (CA)
- BURGLAR ALARM SYSTEM (DWA)
- SLIDING / TILTING SUNROOF (SHD)
- FUNCTION CENTRE, ROOF (FZD)
- SIREN WITH TILT SENSOR (SINE)
- REAR LID LIFT (HKL)
- DOUBLE SUNROOF (DSHD)
- BOOT-LID MODULE (HKM)
- ROLLOVER SENSOR (URS)
- CONVERTIBLE TOP MODULE (CVM)

HEATING & A/C

- HEATING AND AIR CONDITIONING (IHKA)
- REAR HEATER / AIR CINDITIONING (FKA)
- INDEPENDENT / AUXILIARY HEATER (SHZH)
- REAR-CABIN AUTOMATIC A/C (HKA)

DISPLAY, INFORMATIO, WARNING

- INSTRUMENT CLUSTER (INSTR)
- RAER COMPARTMENT DISPLAY (GATEWAY) (SG-FD-GW)
- REAR COMPARTMENT DISPLAY (SG-FD)
- HEAD-UP DISPLAY (HUD)
- CONTROL DISPLAY (GATEWAY) (CD-GW)
- CONTROL DISPLAY (CD)
- CENTRAL INFORMATION DISPLAY (CID)
- CONTROLLER (CON)
- MINI JOYSTICK (MJOY)
- REAR COMPARTMENT CONTROLLER (FCON)
- PARK DISTANCE CONTROL (PDC)

- REVERSING CAMERA (RFK)
- ALL-ROUND VIEW CAMERA (TRSVK)
- NIGHT VISION CAMERA (NVK)
- NIGHT VISION ELECTRONICS (NVE)
- INTERIOR CAMERA (VOCS)
- CAMERA-BASED DRIVER-ASSISTANCE SYSTEMS (KAFAS)
- ON BOARD COMPUTER (OBC)
- ON BOARD MONITOR / CONTROL PANEL (BMBT)

AUDIO, VIDEO, NAV

- CAR COMMUNICATION COMPUTER (CCC)
- CAR INFORMATION COMPUTER (CIC)
- AERIAL / ANTENNA TUNER (ANT)
- AUDIO CD-CHANGER DSP (CDC DSP)
- AUDIO SYSTEM CONTROLLER (ASK)
- CD CHANGER (CDC) / IPOD Interface
- DIGITAL SOUND PROCESSOR (DSP)
- DIGITAL SOUND PROCESSOR CONTROL PANEL
- DIGITAL TUNER (DAB)

- DIGITAL TUNER US (IBOC)
- DVD CHANGER (DVDC)
- HEADSET INTERFACE (KHI)
- HI-FI AMPLIFIER (AMPH / AMPT)
- LANGUAGE INPUT SYSTEM (SES)
- LANGUAGE PROCESSING SYSTEM (SVS)
- MULTI INFORMATION DISPLAY (MID)
- MULTI INFORMATION RADIO (MIR)
- MULTIMEDIA CHANGER (MMC)
- NAVIGATION SYSTEM (NAV)
- RADIO (RAD)
- RADIO / IR SYSTEM (IRIS)
- REAR SEAT ENTERTAINMENT (RSE)
- SATELLITE TUNER (SDARS)
- VIDEO MODULA (VM)
- VIDEO SWITCH (VSW)

OTHER BODY MODULES

- JUNCTION BOX ELECTRONICS (JBE)
- CENTRAL BODY ELECTRONICS (ZKE)
- ELECTRONIC BODY MODULA (EKM)
- GENERAL MODULES (GM5)
- SWITCHING CENTRE, CENTRE CONSOLE (SZM)
- REAR COMPARTMENT, CONTROL CENTRE (FBZM)
- MULTI FUNCTION STEERING WHEEL (MFL)
- POWER MODULE (PM)
- DRIVER'S MIRROR MEMORY (SPMFT)
- PASSENGER ENTRANCE AID (SMB)
- PASSENGER MIRROR MEMORY (SPMBT)
- WIPER MODULA (WIM)
- SUPPLEMENTARY CONTROL UNIT (SEC)
- TRAILER MODULE (AHM)

COMMUNICATION

- TELEPHONE (TCU/ULF)
- INTERFACE BOX HIGH (ULF-SBX-H)
- FLEXIBLE BUS INTERFACE (FBI)