

## *Autologic Technical Specifications*



# MINI

## 1. MINI PRODUCT DESCRIPTION

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

### Full dealer-level capabilities that covers:

2001 - 2006

- **R50:** Mk I Mini One
- **R52:** Mk I Mini Convertible
- **R53:** Mk I Mini Cooper S

2007 – Present

- **R56:** Mk II Mini One / Cooper / Cooper S
- **R55:** Mk II Mini Clubman and D
- **R57:** Mk II Mini Convertible
- **R60:** Mk II Mini Countryman

### *Autologic* for MINI is unique in offering:

- CIP (Coding Individualisation & programming)
- Flash Programming
- Dealer level ECU Software Coverage
- ECU Trial Substitution
- Quick Test & Quick Clear
- CBS: Condition Based Service reset and error correction
- Retrofitting of BMW accessories and extras
- Car/Key Memory Function for personalising vehicle
- Pre – Delivery Check
- Transport Mode
- John Cooper Works Conversion

### Furthermore:

- ADAPTATION and ADJUSTMENT procedures for DRIVE / CHASSIS / BODY systems
- FAULT RECTIFICATION and TEST PROCEDURES
- SERVICE FUNCTIONS
- Full component activation
- All dynamic data
- Engine and immobiliser alignment
- And More

## 2. DIAGNOSTIC CAPABILITIES

DRIVE SYSTEMS
<ul style="list-style-type: none"> <li>DIGITAL MOTOR \ DIESEL ELECTRONICS (DME\DDE)</li> <li>TRANSMISSION MANAGEMENT (EGS/SMG)</li> <li>CAR ACCESS SYSTEM (CAS)</li> <li>ELECTRONIC IMMOBILISER (EWS)</li> </ul>
CHASSIS SYSTEMS
<ul style="list-style-type: none"> <li>ANTI-LOCK BRAKING SYSTEM (ABS)</li> <li>DYNAMIC STABILITY CONTROL (ABS/ASC/DSC)</li> <li>ELECTRONIC POWER STEERING (EPS)</li> <li>ELECTRONIC STEERING ASSISTANT (EHPS)</li> <li>STEERING ANGLE SENSOR (LEW)</li> <li>DEFLATION DETECTION SYSTEM (DDS)</li> <li>TYRE PRESSURE CONTROL (RDC)</li> </ul>
SAFETY SYSTEMS
<ul style="list-style-type: none"> <li>MULTIPLE RESTRAINT SYSTEM (MRS)</li> <li>SEAT OCCUPANCY, PASSENGER (SBBF)</li> <li>SWITCH CENTRE, STEERING COLUMN (SZL)</li> </ul>
LIGHTS
<ul style="list-style-type: none"> <li>FOOTWELL MODULE (FRM)</li> <li>AUTOMATIC HEADLIGHT VERTICAL AIM CONTROL (LRA)</li> <li>AUTOMATIC INTERVAL CONTROL (AIC)</li> <li>XENON LIGHTS</li> </ul>
LOCKING AND SECURITY FUNCTIONS
<ul style="list-style-type: none"> <li>COMFORT ACCESS (CA)</li> <li>CENTRAL BODY ELECTRICS (ZKE)</li> <li>SLIDING / TILTING SUNROOF (SHD)</li> </ul>

- CONVERTIBLE TOP MODULE (CVM)

### HEATING & A/C

- HEATING AND AIR CONDITIONING CONTROL (IHKA)
- INTEGRATED HEATING (IHS/IHKS/IHKA)

### DISPLAY, INFORMATION, WARNING

- INSTRUMENT CLUSTER (INSTR / KOM / KOM2)
- CENTRAL INFORMATION DISPLAY (CID)
- PARK DISTANCE CONTROL (PDC)
- ON BOARD MONITOR (BM)
- MINI JOYSTICK (MJOY)

### AUDIO, VIDEO, NAV

- CAR COMMUNICATION COMPUTER (CCC)
- RADIO (RAD)
- DIGITAL SOUND PROCESSOR (DSP)
- DIGITAL TUNER (DAB)
- SATELLITE RADIO (SDARS)
- HI-FI AMPLIFIER (AMP)
- AUDIO CD-CHANGER DSP (CDC DSP)
- CD CHANGER (CDC)
- NAVIGATION SYSTEM (NAV)

### OTHER BODY MODULES

- JUNCTION-BOX ELECTRONICS (JBE)
- MULTI FUNCTION STEERING WHEEL (MFL)
- TRAILER MODULE (AHM)

### COMMUNICATION

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