



Shenzhen Xtooltech Co., Ltd

BMW Immo Function List V26.73

| Vehicle | System Type | ECU Type | Function | | |
|---------|-------------|----------|---|----------------------------|-----------------------------|
| | IMMO | All | Key disabled and enabled | E chassis | |
| | IMMO | | | F chassis | |
| | IMMO | EWS 2-4 | Key disabled and enabled | | |
| | IMMO | EWS 2-4 | Match Remote | | |
| | IMMO | EWS 2-4 | Adapter(file generation key, read/write EWS) | All Key Lost | |
| | IMMO | EWS 2-4 | Adapter(file generation key, read/write EWS) | R/W EWS FLASH(Disassemble) | EWS2 |
| | IMMO | EWS 2-4 | Adapter(file generation key, read/write EWS) | R/W EWS FLASH(Disassemble) | EWS3 |
| | IMMO | EWS 2-4 | Adapter(file generation key, read/write EWS) | R/W EWS FLASH(Disassemble) | EWS4 |
| | IMMO | CAS1-3 | Read Keys Info | | |
| | IMMO | CAS1-3 | Keys Matching | | |
| | IMMO | CAS1-3 | CAS Update | | |
| | IMMO | CAS1-3 | CAS Restore | | |
| | IMMO | CAS1-3 | Synchronous DME | | |
| | IMMO | CAS1-3 | Synchronous ELV | | |
| | IMMO | CAS1-3 | Erase DTC | | |
| | IMMO | CAS1-3 | Erase Shadow | | |
| | IMMO | CAS1-3 | Help | | |
| | IMMO | CAS1-3 | Adapter(file generation key, read/write CAS1-3) | CAS1(OK50E) | Keys Matching |
| | IMMO | CAS1-3 | Adapter(file generation key, read/write CAS1-3) | CAS1(OK50E) | R/W ECU FLASH(Disassemble) |
| | IMMO | CAS1-3 | Adapter(file generation key, read/write CAS1-3) | CAS2(2K79X) | Keys Matching |
| | IMMO | CAS1-3 | Adapter(file generation key, read/write CAS1-3) | CAS2(2K79X) | R/W ECU FLASH(Disassemble) |
| | IMMO | CAS1-3 | Adapter(file generation key, read/write CAS1-3) | CAS3(0L01Y) | Keys Matching |
| | IMMO | CAS1-3 | Adapter(file generation key, read/write CAS1-3) | CAS3(0L01Y) | R/W ECU FLASH(Disassemble) |
| | IMMO | CAS1-3 | Adapter(file generation key, read/write CAS1-3) | CAS3+(0L15Y) | Keys Matching |
| | IMMO | CAS1-3 | Adapter(file generation key, read/write CAS1-3) | CAS3+(0L15Y) | R/W ECU FLASH(Disassemble) |
| | IMMO | CAS1-3 | Adapter(file generation key, read/write CAS1-3) | CAS3+(0M23S) | Keys Matching |
| | IMMO | CAS1-3 | Adapter(file generation key, read/write CAS1-3) | CAS3+(0M23S) | R/W ECU FLASH(Disassemble) |
| | IMMO | CAS1-3 | Refresh ECU anti-theft data | CAS1(OK50E) | R/W ECU FLASH(Disassemble) |
| | IMMO | CAS1-3 | Refresh ECU anti-theft data | CAS1(OK50E) | Refresh ECU anti-theft data |
| | IMMO | CAS1-3 | Refresh ECU anti-theft data | CAS1(OK50E) | Keys Matching |
| | IMMO | CAS1-3 | Refresh ECU anti-theft data | CAS1(OK50E) | Reset Mileage |
| | IMMO | CAS1-3 | Refresh ECU anti-theft data | CAS2(2K79X) | R/W ECU FLASH(Disassemble) |

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|------|--------------|---|--------------|-----------------------------|
| IMMO | CAS1-3 | Refresh ECU anti-theft data | CAS2 (2K79X) | Refresh ECU anti-theft data |
| IMMO | CAS1-3 | Refresh ECU anti-theft data | CAS2 (2K79X) | Keys Matching |
| IMMO | CAS1-3 | Refresh ECU anti-theft data | CAS2 (2K79X) | Reset Mileage |
| IMMO | CAS1-3 | Refresh ECU anti-theft data | CAS3 (0L01Y) | R/W ECU FLASH(Disassemble) |
| IMMO | CAS1-3 | Refresh ECU anti-theft data | CAS3 (0L01Y) | Refresh ECU anti-theft data |
| IMMO | CAS1-3 | Refresh ECU anti-theft data | CAS3 (0L01Y) | Keys Matching |
| IMMO | CAS1-3 | Refresh ECU anti-theft data | CAS3 (0L01Y) | Reset Mileage |
| IMMO | CAS1-3 | Refresh ECU anti-theft data | CAS3+(0L15Y) | R/W ECU FLASH(Disassemble) |
| IMMO | CAS1-3 | Refresh ECU anti-theft data | CAS3+(0L15Y) | Refresh ECU anti-theft data |
| IMMO | CAS1-3 | Refresh ECU anti-theft data | CAS3+(0L15Y) | Keys Matching |
| IMMO | CAS1-3 | Refresh ECU anti-theft data | CAS3+(0L15Y) | Reset Mileage |
| IMMO | CAS1-3 | Refresh ECU anti-theft data | CAS3+(0M23S) | R/W ECU FLASH(Disassemble) |
| IMMO | CAS1-3 | Refresh ECU anti-theft data | CAS3+(0M23S) | Refresh ECU anti-theft data |
| IMMO | CAS1-3 | Refresh ECU anti-theft data | CAS3+(0M23S) | Keys Matching |
| IMMO | CAS1-3 | Refresh ECU anti-theft data | CAS3+(0M23S) | Reset Mileage |
| IMMO | CAS 4/CAS 4+ | Match Key | | |
| IMMO | CAS 4/CAS 4+ | Delete Key | | |
| IMMO | CAS 4/CAS 4+ | Repair smart remote control failure | | |
| IMMO | CAS 4/CAS 4+ | Pretreatment CAS4/CAS4+ | | |
| IMMO | CAS 4/CAS 4+ | Backup Encoded Data | | |
| IMMO | CAS 4/CAS 4+ | Restore Encoded Data | | |
| IMMO | CAS 4/CAS 4+ | Upgrade CAS4 | | |
| IMMO | CAS 4/CAS 4+ | Key disabled and enabled | | |
| IMMO | CAS 4/CAS 4+ | Obtained from the original car key ISN | | |
| IMMO | CAS 4/CAS 4+ | Fix key does not start | | |
| IMMO | CAS 4/CAS 4+ | Reset Mileage | | |
| IMMO | CAS 4/CAS 4+ | Trunk function | | |
| IMMO | CAS 4/CAS 4+ | Replace (Backup)CAS | | Backup Immo Data |
| IMMO | CAS 4/CAS 4+ | Replace (Backup)CAS | | Write Immo Data |
| IMMO | CAS 4/CAS 4+ | Replace (Backup)CAS | | Write CAS4 ISN code |
| IMMO | CAS 4/CAS 4+ | Replace (Backup)CAS | | Backup D-FLASH |
| IMMO | CAS 4/CAS 4+ | Replace (Backup)CAS | | Backup P-FLASH |
| IMMO | CAS 4/CAS 4+ | Adapter(file generation key, read/write CAS4) | 5M48H | Add Key |
| IMMO | CAS 4/CAS 4+ | Adapter(file generation key, read/write CAS4) | 5M48H | R/W ECU FLASH(Disassemble) |
| IMMO | CAS 4/CAS 4+ | Adapter(file generation key, read/write CAS4) | 1N35H | Add Key |
| IMMO | CAS 4/CAS 4+ | Adapter(file generation key, read/write CAS4) | 1N35H | R/W ECU FLASH(Disassemble) |
| IMMO | CAS 4/CAS 4+ | Adapter(file generation key, read/write CAS4) | 1L15Y | Keys Matching |
| IMMO | CAS 4/CAS 4+ | Adapter(file generation key, read/write CAS4) | 1L15Y | R/W ECU FLASH(Disassemble) |
| IMMO | CAS 4/CAS 4+ | Refresh ECU anti-theft data | 5M48H | R/W ECU FLASH(Disassemble) |
| IMMO | CAS 4/CAS 4+ | Refresh ECU anti-theft data | 5M48H | Refresh ECU anti-theft data |

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| IMMO | CAS 4/CAS 4+ | Refresh ECU anti-theft data | 5M48H | Keys Matching |
| IMMO | CAS 4/CAS 4+ | Refresh ECU anti-theft data | 5M48H | Reset Mileage |
| IMMO | CAS 4/CAS 4+ | Refresh ECU anti-theft data | 1N35H | R/W ECU FLASH(Disassemble) |
| IMMO | CAS 4/CAS 4+ | Refresh ECU anti-theft data | 1N35H | Refresh ECU anti-theft data |
| IMMO | CAS 4/CAS 4+ | Refresh ECU anti-theft data | 1N35H | Keys Matching |
| IMMO | CAS 4/CAS 4+ | Refresh ECU anti-theft data | 1N35H | Reset Mileage |
| IMMO | CAS 4/CAS 4+ | Refresh ECU anti-theft data | 1L15Y | R/W ECU FLASH(Disassemble) |
| IMMO | CAS 4/CAS 4+ | Refresh ECU anti-theft data | 1L15Y | Refresh ECU anti-theft data |
| IMMO | CAS 4/CAS 4+ | Refresh ECU anti-theft data | 1L15Y | Keys Matching |
| IMMO | CAS 4/CAS 4+ | Refresh ECU anti-theft data | 1L15Y | Reset Mileage |
| IMMO | FEM/BDC-I | Read Keys Info | | |
| IMMO | FEM/BDC-I | Pre-processing FEM/BDC | | |
| IMMO | FEM/BDC-I | Upgrade FEM/BDC | | |
| IMMO | FEM/BDC-I | Keys Matching | | |
| IMMO | FEM/BDC-I | Enable key | | |
| IMMO | FEM/BDC-I | Disable key | | |
| IMMO | FEM/BDC-I | Erase key | | |
| IMMO | FEM/BDC-I | Obtained from the original car key ISN | | |
| IMMO | FEM/BDC-I | Fix key does not start | | |
| IMMO | FEM/BDC-I | Reset Mileage | | |
| IMMO | FEM/BDC-I | Reset the starter lock | | |
| IMMO | FEM/BDC-I | Synchronous ELV | | |
| IMMO | FEM/BDC-I | Forcibly turn on the ignition switch | | |
| IMMO | FEM/BDC-I | Programming repair | | |
| IMMO | FEM/BDC-I | Read the ECU information | | |
| IMMO | FEM/BDC-I | Trunk function | | |
| IMMO | FEM/BDC-I | Replace (Backup)FEM/BDC | | Backup Encoded Data |
| IMMO | FEM/BDC-I | Replace (Backup)FEM/BDC | | Restore Encoded Data |
| IMMO | FEM/BDC-I | Replace (Backup)FEM/BDC | | Backup Immo Data |
| IMMO | FEM/BDC-I | Replace (Backup)FEM/BDC | | Write Immo Data |
| IMMO | FEM/BDC-I | Replace (Backup)FEM/BDC | | Exit transportation mode |
| IMMO | FEM/BDC-I | Replace (Backup)FEM/BDC | | Enter transportation mode |
| IMMO | FEM/BDC-I | Refresh ECU anti-theft data | Clone anti-theft data | Backup FAFP |
| IMMO | FEM/BDC-I | Refresh ECU anti-theft data | Clone anti-theft data | Write to FAFP |
| IMMO | FEM/BDC-I | Refresh ECU anti-theft data | Clone anti-theft data | Backup Immo Data |
| IMMO | FEM/BDC-I | Refresh ECU anti-theft data | Clone anti-theft data | Write Immo Data |
| IMMO | FEM/BDC-I | Refresh ECU anti-theft data | Clone anti-theft data | Backup Encoded Data |
| IMMO | FEM/BDC-I | Refresh ECU anti-theft data | Clone anti-theft data | Restore Encoded Data |
| IMMO | FEM/BDC-I | Refresh ECU anti-theft data | Clone anti-theft data | Reset the starter lock |
| IMMO | FEM/BDC-I | Refresh ECU anti-theft data | Clone anti-theft data | Synchronous ELV |

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| IMMO | FEM/BDC-I | Refresh ECU anti-theft data | Calculate anti-theft | Clear anti-theft data |
| IMMO | FEM/BDC-I | Refresh ECU anti-theft data | Calculate anti-theft | Write Immo Data |
| IMMO | FEM/BDC-I | Refresh ECU anti-theft data | Calculate anti-theft | Backup Encoded Data |
| IMMO | FEM/BDC-I | Refresh ECU anti-theft data | Calculate anti-theft | Restore Encoded Data |
| IMMO | FEM/BDC-I | Refresh ECU anti-theft data | Calculate anti-theft | Reset the starter lock |
| IMMO | FEM/BDC-I | Refresh ECU anti-theft data | Calculate anti-theft | Synchronous ELV |
| IMMO | BDC-II | | Read the ECU information | |
| IMMO | BDC-II | | Key disabled and enabled | |
| IMMO | BDC-II | | Trunk function | |
| EMS | MSV70 | | Read the ECU information | |
| EMS | MSV70 | | Read ISN code | |
| EMS | N62 | | Read the ECU information | |
| EMS | N62 | | Read ISN code | |
| EMS | MEVD1724 | | Read the ECU information | |
| EMS | MEVD1724 | | Read ISN code | |
| EMS | MEVD1724 | | Write ISN code | |
| EMS | MEVD1724 | | Exit transportation mode | |
| EMS | MEVD1725 | | Read the ECU information | |
| EMS | MEVD1725 | | Read ISN code | |
| EMS | MEVD1725 | | Write ISN code | |
| EMS | MEVD1725 | | Exit transportation mode | |
| EMS | MSD81 | | Read the ECU information | |
| EMS | MSD81 | | Read ISN code | |
| EMS | MSD81 | | Backup FLASH | |
| EMS | MSD81 | | Restore FLASH | |
| EMS | MSD851 | | Read the ECU information | |
| EMS | MSD851 | | Read ISN code | |
| EMS | MSD851 | | Backup FLASH | |
| EMS | MSD851 | | Restore FLASH | |
| EMS | MSV80 | | Read the ECU information | |
| EMS | MSV80 | | Read ISN code | |
| EMS | MSV80 | | Backup FLASH | |
| EMS | MSV80 | | Restore FLASH | |
| EMS | MSV801 | | Read the ECU information | |
| EMS | MSV801 | | Read ISN code | |
| EMS | MSV801 | | Backup FLASH | |
| EMS | MSV801 | | Restore FLASH | |
| EMS | MSV90 | | Read the ECU information | |
| EMS | MSV90 | | Exit transportation mode | |
| EMS | MEV17N46 | | Read the ECU information | |

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| EMS | MEV17N46 | Read ISN code |
| EMS | MS450DS0 | Read the ECU information |
| EMS | MS450DS0 | Read ISN code |
| EMS | MV1722 | Read the ECU information |
| EMS | MV1722 | Read ISN code |
| EMS | MV1722 | Write ISN code |
| EMS | MV1722 | Write VIN |
| EMS | MEV9N46L | Read the ECU information |
| EMS | MEV9N46L | Read ISN code |
| EMS | DME8FF R | Read the ECU information |
| EMS | DME8FF R | Backup Encoded Data |
| EMS | DME8FF R | Restore Encoded Data |
| EMS | MEVD172Y | Read the ECU information |
| EMS | MEVD172Y | Read ISN code |
| EMS | MEVD172Y | Write ISN code |
| EMS | MEVD172Y | Exit transportation mode |
| EMS | MEVD174K | Read the ECU information |
| EMS | MEVD174K | Read ISN code |
| EMS | MEVD174K | Write ISN code |
| EMS | MEVD174K | Write VIN |
| EMS | MEVD176K | Read the ECU information |
| EMS | MEVD176K | Read ISN code |
| EMS | MEVD176K | Write ISN code |
| EMS | MEVD176K | Write VIN |
| EMS | MEVD17KW | Read the ECU information |
| EMS | MEVD17KW | Read ISN code |
| EMS | MEVD17KW | Write ISN code |
| EMS | MEVD17KW | Write VIN |
| EMS | MSS60 | Read the ECU information |
| EMS | MSS60 | Read ISN code |
| EGS | 6HP Echassis | Read the ECU information |
| EGS | 6HP Echassis | Reset EGS |
| EGS | 6HP Echassis | Read the ECU information |
| EGS | 6HP Echassis | Read match status |
| EGS | 6HP Echassis | Synchronize EGS Parameters |
| EGS | 6HP Echassis | Erase DTC |
| EGS | 6HP Fchassis | Read the ECU information |
| EGS | 6HP Fchassis | Read match status |
| EGS | 6HP Fchassis | Synchronize EGS Parameters |
| EGS | 6HP Fchassis | Erase DTC |

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| EGS | 8HP Fchassis | Read the ECU information |
| EGS | 8HP Fchassis | Read match status |
| EGS | 8HP Fchassis | Reset EGS |
| EGS | 8HP Fchassis | Upgrade EGS |
| EGS | 8HP Fchassis | Synchronize EGS Parameters |
| EGS | 8HP Fchassis | Backup Encoded Data |
| EGS | 8HP Fchassis | Restore Encoded Data |
| EGS | 8HP Fchassis | Erase DTC |
| EGS | 8HP Gchassis | Read the ECU information |
| EGS | 8HP Gchassis | Backup Encoded Data |
| EGS | 8HP Gchassis | Restore Encoded Data |
| EGS | 8HP Gchassis | Reset EGS |
| EGS | 8HP Gchassis | Upgrade EGS |
| EGS | 8HP Gchassis | Erase DTC |
| Instrument Cluster | M35080 | Read the data |
| Instrument Cluster | M35080 | Mileage repair |
| Instrument Cluster | M35080 | Write data |
| Instrument Cluster | 35128 | Read the data |
| Instrument Cluster | 35128 | Mileage repair |
| Instrument Cluster | 35128 | Write data |
| Instrument Cluster | 35160 | Read the data |
| Instrument Cluster | 35160 | Mileage repair |
| Instrument Cluster | 35160 | Write data |