



# **VVDIMB TOOL**

### **Read Write Key**

Mainly include: Identification key; Read write BE key via IR; Read v51, v57 version password via NEC key adaptor; Read/activate blank BGA key (0CF4); Repair key; Renew/write used NEC keys; write NEC keyless key etc

#### **EIS Tools**

Mainly Include: Read EIS via OBD and IR, OBD module support auto detect; Read W164, W209, W211 without gateway; Read old Motorola EIS password via IR directly; Renew EIS, Replace EIS, Enable key; Disable key; Personalize W204 ESL, Test EIS, ELV, working key status etc

#### Password calculation

Mainly include: OBD read and calculate all CAN EIS(FBS3) key password; Support BGA keys, other NEC keys, v51, v57 keys; Lost all key support: W209, W211, W166, W212, W246, W212(old), W204, W207 etc

## **Prepare Key File**

Mainly include: Prepare key file for v11, v41, v51 version online; Support Motorola EEPROM dump file; 100% can find key file!

#### **ESL Tools**

Mainly include: OBD (K) read data; Renew ESL; Replace ESL (no need renew EIS); Check ESL damage status; Repair W204 ESL (0xAA Error)

#### Renew ECU/Gearbox/ISM

Mainly include: Support renew, write VIN, personalization operation for module ECU, Gearbox, ISM etc

## Read/Write CGW (ZGW), KM Repair

Support repair KM: W204, W207, W212, W251, W164, W211, W221, W216, W166, W172, W232, W205 etc; Support read/write gateway EEPROM and FLASH: W211/W164, W204/W207/W212, W221, W216 etc

## **Technical Support**

Xhorse technical support team is professional and efficient, online technical support for free. provide lifelong after-sale perfect service guarantee customer trouble free operation of machine. Consider about customer feedback suggestion and requirement carefully.









- 1. VVDI-MB TOOL device
- 2. IR adaptor
- 3. USB cable
- 4. NEC adaptor 1
- 5. NEC adaptor 2
- 6. NEC adaptor base PCB
- 7. K Line in OBD line
- 8. OBD line
- 9. VVDI-MB NEC Key Adaptor (Optional)
- 10. Connector for W164, W209, W211 without gateway (Optional)
- 11. VVDI-MB W204 ELV adaptor (Optional)