

Model and Year Supported by AP-PRO Automotive Programming Expert

Version: V19.0

Deadline: 2025.04.10

First, Volkswagen Audi four generations and five generations (AN001, AN002) support models and models:

| Vehicle model | Model year | Anti-theft matching | Mileage repair | Key type | Lose all support |
|---|--------------|-----------------------------|--------------------------|-------------------------------------|--|
| Audi A4 (RB4/RB8) | 2001-2008 | 2001-2008 | Support | Megamos 48 | Support |
| Audi A4/A4L | 2009-2017 | 2009-2014 | Support | Hitag2 _ Ext Gen 5 | Support |
| Audi A4L/RS4/S4 Support encryption BCM2 | 2014-2018 | 2008-2018 | Support | Hitag2 _ Ext Gen 5 | Support |
| Audi A5/Q5 | 2008-2015 | 2008-2014 | Support | Hitag2 _ Ext Gen 5 | Support |
| Audi A5/RS5/S5/Q5/SQ5 support encryption BCM2 | 2014-2018 | 2008-2018 | Support | Hitag2 _ Ext Gen 5 | Support |
| Audi A6/A6L | 2009-2018 | 2009-2011 | Support | Megamos 8E | Support |
| Audi A6/A6L Support encryption BCM2 | 2011- | 2011-2018 | Support | Hitag2 _ Ext Gen 5 | Support |
| Audi C7/A7/RS7/S7 support encrypted BCM2 | 2011- | 2011-2018 | Support | Hitag2 _ Ext Gen 5 | Support |
| Audi A8 | 2003-2009 | Partial set of data | Partial set of data | 46 | Partial set of data |
| Audi A8L/S8 Support encryption BCM2 | 2010-2018 | 2011-2018 | Support | Hitag2 _ Ext Gen 5 | Support |
| Audi Q7 | 2004-2015 | Support | 2004-2011 | Megamos 8E | Support |
| Audi TT CDC24C32 | 2007+ | Support | Support | Megamos 48 | Support |
| Audi TT MQB | 2015+2019 | Partial set of data support | BOSCHAU is not supported | MQB48 Volkswagen 5th Generation Key | Not supported |
| Audi A1 NEC24C64 | 2011-2019 | Support | Support | Megamos 48 | Partially supported |
| Audi A3 NEC24C64 | 2003-2012 | Support | Support | Megamos 48 | Support |
| Audi A3/S3 MQB | 2013-2019 | Support | Support | MQB48 Volkswagen 5th Generation Key | Decryption of instrument disassembly + synchronization on code ISK |
| Audi Q2 MQB | 2014. 6-2019 | Support | Support | MQB48 Volkswagen 5th Generation Key | Decryption of instrument disassembly + synchronization on code ISK |
| Audi Q3 NEC24C64 | 2011-2019 | Support | Support | Megamos 48 | Support |
| SEAT Alhambra NEC24C64 | 2014. 6- | Support | Support | Megamos 48 | Support |
| SEAT IBIZA MQB | 2014. 6-2019 | Support | Support | MQB48 Volkswagen 5th Generation Key | Decryption of instrument disassembly + synchronization on code ISK |
| SEAT TOLEDO MQB | 2014. 6-2019 | Support | Support | MQB48 Volkswagen 5th Generation Key | Decryption of instrument disassembly + synchronization on code ISK |
| Seat MQB LEON | 2014. 6-2019 | Support | Support | MQB48 Volkswagen 5th Generation Key | Decryption of instrument disassembly + synchronization on code ISK |

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| Skoda Octavia NEC24C32/64 | 2009-2013 | Support | Support | Megamos 48 | Support |
| Skoda Octavia MQB | 2012-2014 | Support | Support | MQB48 Volkswagen 5th Generation Key | Decryption of instrument disassembly + synchronization on code ISK |
| Skoda Octavia MQB | 2014-2019 | Support | Support | MQB48 Volkswagen 5th Generation Key | Decryption of instrument disassembly + synchronization on code ISK |
| Skoda Hero NEC24C32/64 | 2009-2015 | Support | Support | Megamos 48 | Support |
| Skoda Hao Rui MQB | 2016-2019 | Support | Support | MQB48 Volkswagen 5th Generation Key | Decryption of instrument disassembly + synchronization on code ISK |
| Skoda Express NEC24C64 | 2013- | Support | Support | Megamos 48 | Support |
| Skoda Express MQB | 2016-2019 | Support | Support | MQB48 Volkswagen 5th Generation Key | Decryption of instrument disassembly + synchronization on code ISK |
| Skoda Diaco MQB | 2017-2019 | Support | Support | MQB48 Volkswagen 5th Generation Key | Decryption of instrument disassembly + synchronization on code ISK |
| Skoda Jingrui NEC24C32/64 | 2009-2013 | Support | Support | Megamos 48 | Support |
| Skoda crystal sharp NEC35XX | 2013-2015 | Support | Support | Megamos 48 | Disassemble the instrument and decrypt it |
| Skoda Xin Rui NEC35XX | 2013-2015 | Support | Support | Megamos 48 | Disassemble the instrument and decrypt it |
| Skoda Xindong NEC35XX | 2014-2015 | Support | Support | Megamos 48 | Disassemble the instrument and decrypt it |
| Skoda NEC24C64 | 2014-2016 | Support | Support | Megamos 48 | Support |
| Volkswagen Bora NEC24C32/64 | 2009-2013 | Support | Support | Megamos 48 | Support |
| Bora NEC35XX | 2013-2015 | Support | Support | Megamos 48 | Disassemble the instrument and decrypt it |
| Langyi NEC35XX | 2013-2015 | Support | Support | Megamos 48 | Disassemble the instrument and decrypt it |
| Langyi NEC35XX | 2015- | Branch | Branch | Megamos 48 | Disassemble the instrument and decrypt it |
| Lavida NEC24C64 | 2017 | Support | Support | Megamos 48 | Support |
| Jetta NEC35XX | 2013-2015 | Support | Support | Megamos 48 | Disassemble the instrument |

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|---------------------------------------|-------------|---|---|-------------------------------------|--|
| | | | | | and decrypt it |
| Jetta NEC24C64 | 2017 | Support | Support | Megamos 48 | Support |
| Lang Hang NEC35XX | 2013-2015 | Support | Support | Megamos 48 | Disassemble the instrument and decrypt it |
| Langjing NEC35 XX | 2013-2015 | Support | Support | Megamos 48 | Disassemble the instrument and decrypt it |
| Santana 35 XX | 2013-2015 | Support | Support | Megamos 48 | Disassemble the instrument and decrypt it |
| Santana Horna 35 XX | 2015- | Set of data | Not supported | Megamos 48 | Disassemble the instrument and decrypt it |
| Santana NEC24C64 | 2016 | Support | Support | Megamos 48 | Support |
| Bora/Jetta NEC95320 JCI | 2012-2015 | Support (JCI) | Support (JCI) | Megamos 48 | Support (JCI) |
| Bora/Jetta NEC95320 JCI | 2016- | Set of data | Not supported (JCI) | Megamos 48 | Set of data |
| Volkswagen POLO NEC24C32/64 | 2009-2011 | Support | Support | Megamos 48 | Support |
| Volkswagen POLO NEC35XX | 2012-2017 | Support | Support | Megamos 48 | Disassemble the instrument and decrypt it |
| Volkswagen POLO MQB | 2014-2019 | Support | Support | MQB48 Volkswagen 5th Generation Key | Decryption of instrument disassembly + synchronization on code ISK |
| Volkswagen POLO NEC24C64 | 2017-2019 | Support | Support | Megamos 48 | Support |
| Volkswagen Golf Cabriolet NEC24C64 | 2011-2016 | Support | Support | Megamos 48 | Support |
| Volkswagen Golf 6 NEC95320 | 2009-2013 | Support | Support | Megamos 48 | Support |
| Volkswagen Golf 7 MK 7 MQB | 2014.6-2019 | Support (Not supported by 56G920640) | Support (Not supported by 56G920640) | MQB48 Volkswagen 5th Generation Key | Decryption of instrument disassembly + synchronization on code ISK |
| Volkswagen Sagitar NEC24C32/64 | 2008-2017 | Support | Support | Megamos 48 | Support |
| Volkswagen Tiguan NEC24C32/64 | 2009-2016 | Support | Support | Megamos 48 | Support |
| Volkswagen Tiguan NEC95320 | 2015-2020 | Support (5ND920873B) | Support (5ND920873B) | KombiUDSMM9RM10 | Support (5ND920873B) |
| Volkswagen Tiguan L MQB | 2017-2019 | Support | Support | MQB48 Volkswagen 5th Generation Key | Decryption of instrument disassembly + synchronization on code ISK |
| Volkswagen Passat NEC24C64 | 2011-2016 | Support | Support | | Support |
| Volkswagen Passat | 2016-2017 | OBD support (56D920861 56D920871 56D920871X) | OBD support (56D920861 56D920871 56D920871X) | Megamos 48 | Support |

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|--|---|---------------------|--------------------------|---|--|
| Volkswagen Passat B8 | 2017-2019 | Support | Support | MQB48 Volkswagen 4.5 generation key | Support |
| Volkswagen Shangku NEC24C32/64 | 2009-2016 | Support | Support | Megamos 48 | Support |
| Volkswagen Sharan NEC24C32/64 | 2009-2017 | Support | Support | Megamos 48 | Support |
| Volkswagen Sharan NEC24C64 | 2017- | Support | Support | MQB Volkswagen 4.5 generation key | Support |
| Volkswagen Touran NEC24C32/64 | 2009-2016 | Support | Support | Megamos 48 | Support |
| Volkswagen NEC95320 JCI | 2016- | Set of data | Not supported (JCI) | Megamos 48 | Set of data |
| Volkswagen Tuon MQB | 2017-2019 | Support | Support | MQB48 Volkswagen 5th Generation Key | Set of data |
| Volkswagen Amarok NEC24C64 | 2011-2016 | Support | Support | Megamos 48 | Support |
| Volkswagen Caddy NEC24C32/64 | 2009-2016 | Support | Support | Megamos 48 | Support |
| Volkswagen EOS NEC24C32/64 | 2009-2016 | Support | Support | Megamos 48 | Support |
| Volkswagen T5 NEC24C32/64 | 2009-2016 | Support | Support | Megamos 48 | Support |
| Volkswagen T5 NEC24C64 | 2017-2019 | Support | Support | MQB Volkswagen 4.5 generation key | Support |
| Volkswagen T6 NEC24C64 | 2011-2016 | Support | Support | Megamos 48 | Support |
| Volkswagen Metway NEC24C64 | 2014-2016 | Support | Support | Megamos 48 | Support |
| Volkswagen Metway NEC24C64 | 2017-2019 | Support | Support | MQB Volkswagen 4.5 generation key | Support |
| Volkswagen Magotan/CC | 2009-2017 | Support | Support | 48/46 | Support |
| Volkswagen Magotan MQB | 2018-2019 | Set of data | Not supported by JCI/MQB | MQB48 Volkswagen 5th Generation Key | Decryption of instrument disassembly + synchronization on code ISK |
| Volkswagen Touareg | -2010 | Partial set of data | Partial set of data | 46 | Partial set of data |
| Volkswagen Touareg | 2011- | 2011-2015 | Support | Hitag2 _ Ext Gen 5 | Support |
| Volkswagen Phaeton | -2013 | Partial set of data | Partial set of data | 46 | Partial set of data |
| Volkswagen Bentley | -2013 | Partial set of data | Partial set of data | 46 | Partial set of data |
| Volkswagen Bentley | 2016- | Support | Support | Hitag2 _ Ext Gen 5 | Support |
| PublicHuiang(Phideon) | 2016- | Support | Support | Hitag2 _ Ext Gen 5 | Support |
| Volkswagen Beetle | 2014-2016 | Set of data | Not supported | KombiUDSMM9RM10 | Set of data |
| Volkswagen Beetle | 2017-2019 | Set of data | Not supported | MQB Volkswagen 4.5 generation key | Support |
| Lavida 1.6L NEC24C08 | 2009-2012 | Support | Support | Megamos 48 | Support |
| Volkswagen Lingdu MQB | 2014-2019 | Support | Support | MQB48 Volkswagen 5th Generation Key | Decryption of instrument disassembly + synchronization on code ISK |
| Lamborghini | 2016- | Support | Support | Hitag2 _ Ext Gen 5 | Support |
| Volkswagen Sagitar/Magotan/Tuon/Tiguan/Tiguan/Tuyue/W eiran/Shadow and other 5C anti-theft | 2019. 10- | Set of data | Not supported | MQB Platform HitagPro VAG/5C Anti-Theft | Set of data (Synchronization code ISK is required) |
| Volkswagen/Bentley/Lamborghini, etc. (Domestic/imported: Touareg/Phideon/A4L/RS4/S4/A5/RS5/S5/C7/Q5/SQ5/A6L | Fifth generation anti-theft unit comfort module (BCM2-J393) All encrypted or | Support | Support | Hitag2 _ Ext Gen 5 | Support |

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|---|--|--|--|-------------------------------------|---|
| /RS6/S6/A7/RS7/S7/A8L/S8) | unencrypted version | | | | |
| Passat/Tuon/Tiguan L/Tuyue/Jialu/Bora Hybrid/Lavida Hybrid/Skoda Express/Audi/A2/A3/Q3 (Requires dedicated MQB 5A harness) | R7F701401 R7F701402 R7F701407 | Support Disassemble the instrument and decrypt it | Support Remove the instrument and repair it | MQB48 Volkswagen 5th Generation Key | Decryption of instrument disassembly + synchronization code ISK |
| All MQB48 anti-theft vehicles | D70F3523 D70F3524 D70F3525 D70F3526 D70F3529 D70F3532 D70F3535 D70F3536 D70F3537 | Support Disassemble the instrument and decrypt it | Support Disassemble the instrument and decrypt it | MQB48 Volkswagen 5th Generation Key | Decryption of instrument disassembly + synchronization code ISK |
| All MQB49 anti-theft vehicles | R7F701401 R7F701402 R7F701404 R7F701406 R7F701407 | Third-party suite data | Not supported | MQB49 Volkswagen 5th Generation Key | Third-party set data + synchronization code ISK |

Note: The models listed above only represent the results of passing the on-board test and user feedback, not all models. Due to the large number of models, it is impossible to list and test all of them.

Two, BMW support model and model year:

| Vehicle model | Chassis | Model year range | Anti-theft matching | Mileage repair | Loss all support |
|------------------------|---------|------------------|-------------------------------------|---|-----------------------|
| BDC (S15A/S15C) | | | | | |
| BMW 3 series | G20 | 2018- | Not supported (key can be disabled) | Support ID6 instrument repair (excluding high configuration instrument) | Not supported |
| BMW 3 series | G21 | 2019- | Not supported (key can be disabled) | Support ID6 instrument repair (excluding high configuration instrument) | Not supported |
| BMW 4 series | G22/G23 | 2020- | Not supported (key can be disabled) | Support ID6 instrument repair (excluding high configuration instrument) | Not supported |
| BMW 5 series | G30 | 2016/11-2020/06 | Support | Support ID6 instrument repair (excluding high configuration instrument) | Upgrading is imminent |
| BMW 5 series | G31 | 2017/03-2020/06 | Support | Support ID6 instrument repair (excluding high configuration instrument) | Upgrading is imminent |
| BMW 6 Series GT | G32 | 2017/07-2020/06 | Support | Support ID6 instrument repair (excluding high configuration instrument) | Upgrading is imminent |
| BMW 7 series | G11 | 2015/07-2019/02 | Support | Support ID6 instrument repair (excluding high configuration instrument) | Upgrading is imminent |
| BMW 7 series | G12 | 2015/07-2019/02 | Support | Support ID6 instrument repair | Upcoming |

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|----------------|---------|-----------------|-------------------------------------|---|-----------------------|
| | | | | (excluding high configuration instrument) | support |
| BMW 8 series | G15 | 2018- | Not supported (key can be disabled) | Add filter + analog chip | Not supported |
| BMW 8 series | G14/G16 | 2019- | Not supported (key can be disabled) | Add filter + analog chip | Not supported |
| BMW iX3 series | G08 | 2020- | Not supported (key can be disabled) | Support ID6 instrument repair (excluding high configuration instrument) | Not supported |
| BMW M3 series | G80 | 2020- | Not supported (key can be disabled) | Support ID6 instrument repair (excluding high configuration instrument) | Not supported |
| BMW M4 series | G82 | 2020- | Not supported (key can be disabled) | Support ID6 instrument repair (excluding high configuration instrument) | Not supported |
| BMW M5 series | F90 | 2017/12-2020/06 | Support | Not supported | Upgrading is imminent |
| BMW X3 series | G08 | 2018/05-2021/08 | Support | Support ID6 instrument repair (excluding high configuration instrument) | Upgrading is imminent |
| BMW X3 series | F97 | 2019/04-2021/07 | Support | Support ID6 instrument repair (excluding high configuration instrument) | Upgrading is imminent |
| BMW X3 series | G01 | 2017/12-2021/07 | Support | Support ID6 instrument repair (excluding high configuration instrument) | Upgrading is imminent |
| BMW X4 series | G02 | 2018/02-2021/07 | Support | Support ID6 instrument repair (excluding high configuration instrument) | Upgrading is imminent |
| BMW X4 series | F98 | 2019/04-2021/07 | Support | Support ID6 instrument repair (excluding high configuration instrument) | Upgrading is imminent |
| BMW X5 series | G05 | 2018- | Not supported (key can be disabled) | Support ID6 instrument repair (excluding high configuration instrument) | Not supported |
| BMW X6 series | G06 | 2019- | Not supported (key can be disabled) | Support ID6 instrument repair (excluding high configuration instrument) | Not supported |
| BMW X7 series | G07 | 2018- | Not supported (key can be disabled) | Add filter + analog chip | Not supported |
| BMW Z4 series | G29 | 2018- | Not supported (key can be disabled) | Support ID6 instrument repair (excluding high configuration instrument) | Not supported |

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|-------------------------------|---|-------|--|-----|
| BMW G Chassis Instrumentation | Support ID6 three types of instrument (35128 chip instrument) Pure OBD operation, no need to remove the meter, no need for hardware filters, no need to replace the 35128 chip | 2018- |  | OBD |
|-------------------------------|---|-------|--|-----|

BDC (Chip 95256)

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|-----------------|---------|-----------|---------|---------|-------------------------------|
| BMW 1 series | F52 | 2017- | Support | Support | Support (engine ISN required) |
| BMW 2 series | F45/F46 | 2014- | Support | Support | Support (engine ISN required) |
| BMW i3 series | I01 | 2013- | Support | Support | Support (engine ISN required) |
| BMW I8 series | I12 | 2014- | Support | Support | Support (engine ISN required) |
| BMW I8 series | I15 | 2017- | Support | Support | Support (engine ISN required) |
| BMW X1 series | F48 | 2015- | Support | Support | Support (engine ISN required) |
| BMW X1 series | F49 | 2016- | Support | Support | Support (engine ISN required) |
| BMW X2 series | F39 | 2018- | Support | Support | Support (engine ISN required) |
| BMW X3 M Series | F97 | 2019- | Support | Support | Support (engine ISN required) |
| BMW X4 M Series | F98 | 2019- | Support | Support | Support (engine ISN required) |
| BMW X5 series | F15 | 2013-2018 | Support | Support | Support (engine ISN required) |
| BMW X5 M Series | F85 | 2015-2018 | Support | Support | Support (engine ISN required) |
| BMW X6 series | F16 | 2014-2018 | Support | Support | Support (engine ISN required) |
| BMW X6 M Series | F86 | 2015-2018 | Support | Support | Support (engine ISN required) |

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|---|--|-----------|---|--|-----------------------------------|
| MINI (Clubman) | F54 | 2015- | Support | Support | Support (engine ISN required) |
| MINI (Convertible) | F57 | 2016- | Support | Support | Support (engine ISN required) |
| MINI (Countryman) | F60 | 2017- | Support | Support | Support (engine ISN required) |
| MINI (Hatch) | F55/F56 | 2015- | Support | Support | Support (engine ISN required) |
| MINI (JohnCooper) | F54/F56/F57/F60 | 2015- | Support | Support | Support (engine ISN required) |
| Rolls-Royce Phantom | RR11/RR12 | 2013- | Support | Support | Support (engine ISN required) |
| Rolls-Royce Cullinan | RR31 | 2018- | Support | Support | Support (engine ISN required) |
| Zhi Nuo (Zinoro) | M13 | 2013- | Support | Support | Support (engine ISN required) |
| Disassembly-free BDC module direct OBD anti-theft matching/mileage repair | Support integration level F056-21-03-50 0 All previous versions: 005/042/052/061/062/071/080/081/082/083/085 | 2014-2023 | Support OBD (Network programming is faster) | Repair BDC mileage (Note: contact technical support for 085 version) | Support OBD (Engine ISN required) |
| FEM (Chip 95128) | | | | | |
| BMW 1 series | F20 | 2011- | Support | Support | Support (engine ISN required) |
| BMW 1 series | F21 | 2012- | Support | Support | Support (engine ISN required) |
| BMW 1 series | F40 | 2019- | Support | Support | Support (engine ISN required) |
| BMW 2 series | F22 | 2014- | Support | Support | Support (engine ISN required) |

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|-----------------|---------|-------|---------|---------|--|
| BMW 2 series | F23 | 2015- | Support | Support | Support (engine ISN required) |
| BMW 2 series | F45 | 2014- | Support | Support | Support (engine ISN required) |
| BMW 2 series | F46 | 2015- | Support | Support | Support (engine ISN required) |
| BMW 3 series | F30 | 2011- | Support | Support | Support (engine ISN required) |
| BMW 3 series | F31 | 2012- | Support | Support | Support (engine ISN required) |
| BMW 3 Series GT | F34 | 2013- | Support | Support | Support (engine ISN required) |
| BMW 4 series | F32 | 2013- | Support | Support | Support (engine ISN required) |
| BMW 4 series | F33 | 2014- | Support | Support | Support (engine ISN required) |
| BMW 4 Series GC | F36 | 2014- | Support | Support | Support (engine ISN required) |
| BMW M2 series | F87 | 2015- | Support | Support | Support (engine ISN required) |
| BMW M3 series | F80 | 2014- | Support | Support | Support (engine ISN required) |
| BMW M4 series | F82/F83 | 2014- | Support | Support | Support (engine ISN required) |

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| BMW F Chassis Instrumentation | Crystal watch/3 series full LCD/1, 2, 3, 4, X1, X2 series mechanical instrument/1, 2, 3, 4, X1, X2 series high semi-LCD |  <p>类型1: 水晶表[FN004A] 类型2: 3系全液晶[FN004B]</p> <p>类型3: 1、2、3、4、X1、X2系机械仪表[FN004C]</p> <p>类型4: 1、2、3、4、X1、X2系高配半液晶[FN004D]</p> | OBD |
|-------------------------------|---|---|-----|

| Vehicle model | Chassis | Model year range | Reading data in OBD mode | File mode anti-theft increase | File mode anti-theft all lost | Mileage calibration in file mode |
|------------------------------------|-----------------|------------------|--------------------------|-------------------------------|-------------------------------|----------------------------------|
| CAS4/CAS4+ | | | | | | |
| BMW 5 Series GT | F07 | 2009-2017 | ● | ● | ● | ● |
| BMW 5 series | F10 | 2010-2016 | ● | ● | ● | ● |
| BMW 5 series | F11 | 2010-2017 | ● | ● | ● | ● |
| BMW M5 series | F10 | 2011-2016 | ● | ● | ● | ● |
| BMW M5 series | F90 | 2017- | ● | ● | ● | ● |
| BMW 6 series | F06 | 2012-2018 | ● | ● | ● | ● |
| BMW 6 series | F12 | 2011-2018 | ● | ● | ● | ● |
| BMW 6 series | F13 | 2011-2018 | ● | ● | ● | ● |
| BMW M6 series | F06 | 2012-2018 | ● | ● | ● | ● |
| BMW M6 series | F12/F13 | 2012-2018 | ● | ● | ● | ● |
| BMW 7 series | F01 | 2009-2015 | ○ | ● | ● | ● |
| BMW 7 series | F02 | 2009-2015 | ○ | ● | ● | ● |
| BMW X3 | F25 | 2010-2017 | ● | ● | ● | ● |
| BMW X4 | F26 | 2014- | ● | ● | ● | ● |
| Rolls-Royce Gust (Ghost) | RR4 | 2010- | ● | ● | ● | ● |
| Rolls-Royce Phantom (Wraith) | RR5 | 2013- | ● | ● | ● | ● |
| Rolls-Royce Obsidian shadow (Dawn) | RR6 | 2015- | ● | ● | ● | ● |
| CAS3/CAS3+ | | | | | | |
| BMW 1 series | E87 | 2007-2012 | ● | ● | ● | ● |
| BMW 1 series | E88 | 2011-2013 | ● | ● | ● | ● |
| BMW 3 series | E90/E91/E92/E93 | 2007-2009 | ● | ● | ● | ● |
| BMW 3 series | E90/E91/E92/E93 | 2009-2012 | ● | ● | ● | ● |
| BMW 5 series | E60/E61 | 2008-2010 | ● | ● | ● | ● |
| BMW 6 series | E63/E64 | 2008-2010 | ● | ● | ● | ● |
| BMW X1 series | E84 | 2009- | ● | ● | ● | ● |
| BMW X3 series | E83 | 2003-2010 | ● | ● | ● | ● |
| BMW X5 series | E70 | 2008-2013 | ● | ● | ● | ● |

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|-------------------|-----------------|-----------|------------|---|---|---|
| BMW X6 series | E71 | 2008-2014 | ● | ● | ● | ● |
| BMW Z4 series | E89 | 2009-2017 | ● | ● | ● | ● |
| MINI (MINI) | R55/R56 | 2008-2014 | ● | ● | ● | ● |
| MINI (Cabrio) | R57 | 2008-2014 | ● | ● | ● | ● |
| MINI (Coupe) | R58 | 2012-2013 | ● | ● | ● | ● |
| MINI (Roadster) | R59 | 2009-2014 | ● | ● | ● | ● |
| MINI (Countryman) | R60 | 2008-2016 | ● | ● | ● | ● |
| MINI (Paceman) | R61 | 2010-2013 | ● | ● | ● | ● |
| CAS2 | | | | | | |
| BMW 3 series | E90/E91/E93 | 2005-2007 | ● | ● | ● | ● |
| BMW 5 series | E60/E61 | 2004-2007 | ● | ● | ● | ● |
| BMW 6 series | E63/E64 | 2003-2005 | ● | ● | ● | ● |
| BMW 6 series | E63/E64 | 2006-2008 | ● | ● | ● | ● |
| BMW 7 series | E66 | 2006-2008 | ● | ● | ● | ● |
| BMW X5 | E70 | 2007-2008 | ● | ● | ● | ● |
| CAS1 | | | | | | |
| BMW 7 series | E65 | 2001-2008 | ● | ● | ● | ● |
| EWS | | | | | | |
| BMW 3 series | E46 (EWS3) | 2000-2005 | Programmer | ● | ● | ○ |
| BMW 5 series | E39 (EWS3) | 2000-2004 | Programmer | ● | ● | ○ |
| BMW X3 series | E83 (EWS4) | 2003-2010 | Programmer | ● | ● | ○ |
| BMW X5 series | E53 (EWS3/EWS4) | 2003-2006 | Programmer | ● | ● | ○ |
| BMW Z4 series | E85 (EWS3) | 2002-2008 | Programmer | ● | ● | ○ |

Notes: ● Supported ○ Supported but requires additional data-Not supported

Note: The above models are only roughly divided according to the model year. In particular, the system year division of CAS4/CAS4+ is not absolute. The strict division needs to be determined from the CAS software version. AP-PRO can automatically analyze the DFLASH data to determine.

III. Supported Porsche models and model years:

| Vehicle model | Model year range | CPU type (BCM) | Key addition (including intelligence) | All keys are lost (including intelligence) |
|----------------------|------------------|-------------------|---------------------------------------|--|
| Cayenne | 2004-2010 | Kessy | Support | Support |
| Cayenne | 2011+ | 2M25J/5M48H | Support | Support |
| Palamera | 2010+ | 1L15Y/2M25J/5M48H | Support | Support |
| Carman | 2011+ | 1L15Y/2M25J/5M48H | Support | Support |
| Other Porsche models | 2012+ | 1L15Y/2M25J/5M48H | Support | Support |

Note: New Porsche key models after 2010 are supported according to the current test verification.

IV. Supported Land Rover/Jaguar models and model years:

| Vehicle model | Model year range | The key is increased | Lose it all | Mileage repair |
|----------------------------------|------------------|----------------------|-------------|----------------|
| Land Rover (Land Rover) | | | | |
| Range Rover Evoque (L538) Aurora | 2011-2016 | Support | Support | Support |

| | | | | |
|---|-------------|---------------------------|---------------------------|---------------------|
| Range Rover Evoque (L538) Aurora | 2017- 2019 | (KVM write boot/OBD copy) | (KVM write boot/OBD copy) | Partially supported |
| Range Rover Sport (L551) Evoque | 2020- | Support K8D2/JPLA | Support K8D2/JPLA | Not supported |
| Range Rover Sport (L320) | 2013- 2014 | Support | Support | Support |
| Range Rover Sport (L494) | 2014- 2015 | Support | Support | Support |
| Range Rover Sport (L494) | 2015- 2019 | (KVM write boot/OBD copy) | (KVM write boot/OBD copy) | Partially supported |
| Range Rover Sport (L494) | 2019- | Support K8D2/JPLA | Support K8D2/JPLA | Not supported |
| Range Rover (L405) | 2011 -2015 | Support | Support | Support |
| Range Rover (L405) | 2016 -2019 | (KVM write boot/OBD copy) | (KVM write boot/OBD copy) | Partially supported |
| Range Rover Velar (L405) Range Rover Star | 2018 -2019 | (KVM write boot/OBD copy) | (KVM write boot/OBD copy) | Partially supported |
| Range Rover Velar (L560) Range Rover Star Pulse | 2019- | Support K8D2/JPLA | Support K8D2/JPLA | Not supported |
| Freelander 2 (L359) Shenxing 2 | 2011-2015 | Support | Support | Partially supported |
| Discovery LR4 (L314) Discovery 4 | 2010-2016 | Support | Support | Support |
| Discovery (L462) Discovery Shenxing | 2015- 2019 | (KVM write boot/OBD copy) | (KVM write boot/OBD copy) | Partially supported |
| Discovery Sport (L550) | 2015-2019 | (KVM write boot/OBD copy) | (KVM write boot/OBD copy) | Partially supported |
| Jaguar (Jaguar) | | | | |
| E-FACE-X540 (2020-) | 2020- | Support K8D2/JPLA | Support K8D2/JPLA | Not supported |
| F-TYPE (X152) | 2014-2015 | Support | Support | Partially supported |
| F-TYPE (X152) | 2016-2019 | (KVM write boot/OBD copy) | (KVM write boot/OBD copy) | Partially supported |
| F-PACE (X761) | 2016-2019 | (KVM write boot/OBD copy) | (KVM write boot/OBD copy) | Partially supported |
| F-PACE-X761 (2019-2021) | 2019- | Support K8D2/JPLA | Support K8D2/JPLA | Not supported |
| F-TYPE-X152 (2018-2020) | 2018- | Support K8D2/JPLA | Support K8D2/JPLA | Not supported |
| I-PACE-X590 (2019-2020) | 2019- | Support K8D2/JPLA | Support K8D2/JPLA | Not supported |
| XE (X760) | 2016-2019 | (KVM write boot/OBD copy) | (KVM write boot/OBD copy) | Partially supported |
| XE-X760 (2019-2021) | 2019- | Support K8D2/JPLA | Support K8D2/JPLA | Not supported |
| XF (X250) | 2011- 2015 | Support | Support | Partially supported |
| XF (X260) | 2016- 2019 | (KVM write boot/OBD copy) | (KVM write boot/OBD copy) | Partially supported |
| XF-X260 (2019-2020) | 2019- | Support K8D2/JPLA | Support K8D2/JPLA | Not supported |
| XJ (X351) | 2012 - 2015 | Support | Support | Partially supported |
| XJ-X351 (2020-2021) | 2020- | Support K8D2/JPLA | Support K8D2/JPLA | Not supported |
| XK (X150) | 2012 - 2015 | Support | Support | Partially supported |
| XFL | 2016-2019 | (KVM write boot/OBD copy) | (KVM write boot/OBD copy) | Partially supported |

Note: The models listed above only represent the results of passing the on-board test and the feedback from some users, not all models.

V. Volvo/Link supported models and model years:

| Vehicle model | Model year range | CPU Type (CEM) | The key is increased | All the keys are lost |
|---------------------------|------------------|-------------------|----------------------|-----------------------|
| Volvo (VOLVO) | | | | |
| S60 (2019-) | 2019- | SPC5646C/SPC5748G | Support | Support |
| S90 (2016-) | 2016- | SPC5646C/SPC5748G | Support | Support |
| V60 (2019-) | 2019- | SPC5646C/SPC5748G | Support | Support |
| V90 (2016-) | 2016- | SPC5646C/SPC5748G | Support | Support |
| XC40 (2018-) | 2018- | SPC5646C/SPC5748G | Support | Support |
| XC60 (2018-) | 2016- | SPC5646C/SPC5748G | Support | Support |
| XC90 (2016-) | 2016- | SPC5646C/SPC5748G | Support | Support |
| Link (Lynk&Co) | | | | |
| Lynk&Co 01 | 2018- | SPC5747G | Support | Support |
| Lynk&Co 02 | 2018- | SPC5747G | Support | Support |
| Lynk&Co 03 | 2018- | SPC5747G | Support | Support |
| Lynk&Co 05 | 2018- | SPC5748G | Support | Support |
| Polestar | | | | |
| Polestar 01 | 2020- | SPC5748G | Support | Support |
| Polestar 02 | 2020- | SPC5748G | Support | Support |

Note: The models listed above only represent the results of passing the on-board test and the feedback from some users, not all models.

VI. Models and model years supported by Mercedes-Benz:

| Vehicle model | Model year range | The key is increased | Lose it all | Mileage repair |
|--------------------------|------------------|-------------------------------------|---------------|---|
| A CLASS W176 2013- | 2013-2015 | Support | Support | Support (plus filter) |
| B CLASS W246 2012- | 2012-2015 | Support | Support | Support (plus filter) |
| C CLASS W204 2007- | 2007- 2014 | Support | Support | Support |
| C CLASS W205 | 2014- | Not supported (key can be disabled) | Not supported | Not supported |
| C CLASS W205 | 2015-2017 | Not supported (key can be disabled) | Not supported | D70F3525/D70F3526 Support (OBD + MCU) |
| C CLASS W205 | 2014-2017 | Not supported (key can be disabled) | Not supported | D70F3525/D70F3526 Decryption (no filter required) |
| C CLASS W205 | 2017-2019 | Not supported (key can be disabled) | Not supported | R7F701414 Decryption (no filter required) |
| C CLASS W203 2004-2007 | 2004-2007 | Support | Support | Support |
| CL CLASS W216 | 2006- 2013 | Support | 2009-Support | Support |
| CLA CLASS W117 2013- | 2013-2015 | Support | Support | Support (plus filter) |
| CLK CLASS W209 2002-2007 | 2002-2007 | Support | Support | Support |
| CLS CLASS W218 2010 | 2010- 2014 | Support | Support | Support (filter added after 2014) |
| CLS CLASS W219 2005- | 2005-2007 | Support | Support | Support |
| E CLASS W211 2002-2007 | 2002-2007 | Support | Support | Support |
| E CLASS W212 2008- | 2008- 2014 | Support | Support | Support (filter added after 2014) |
| E CLASS W213 2017- | 2017- | Not supported (key can be disabled) | Not supported | Not supported |
| E CLASS W207 2007- | 2007- 2014 | Support | Support | Support (filter added after 2014) |
| G CLASS W463 2006-2010 | 2006-2010 | Support | Support | Support |
| G CLASS W463 2012- | 2012-2013 | Support | Support | Support (plus filter) |
| GL CLASS X164 2005-2010 | 2005-2010 | Support | Support | Support |

| | | | | |
|--------------------------|-----------------|-------------------------------------|---------------|--|
| GL CLASS X166 2012- | 2012-2014 | Support | Support | Support (plus filter) |
| GLA CLASS X156 | 2012-2015 | Not supported (key can be disabled) | Not supported | Support (plus filter) |
| GLC CLASS X156 | 2012-2015 | Not supported (key can be disabled) | Not supported | Not supported |
| GLC CLASS X156 | 2015-2017 | Not supported (key can be disabled) | Not supported | D70F3525/D70F3526 Support (OBD + MCU) |
| GLC C253/X253 | 2017-2019 | Not supported (key can be disabled) | Not supported | R7F701414 Decryption (no filter required) |
| GLK CLASS X204 2007- | 2008- 2014 | Support | Support | Support (filter added after 2014) |
| S CLASS W221 2006- | 2006- 2011 | Support | 2009-Support | Support |
| S CLASS W222 | 2012- | Not supported (key can be disabled) | Not supported | Not supported |
| S CLASS W222 | 2015-2017 | Not supported (key can be disabled) | Not supported | D70F3525/D70F3526 Support (OBD + MCU) |
| S CLASS W222 | 2012-2017 | Not supported (key can be disabled) | Not supported | D70F3525/D70F3526 Decryption (no filter required) |
| SLS CLASS W197 2007- | 2007- 2014 | Support | Support | Support (filter added after 2014) |
| ML CLASS W164 2005-2010 | 2005-2010 | Support | 2009-Support | Support |
| ML CLASS W166 2012- | 2012-2015 | Support | Support | Support (plus filter) |
| R CLASS W251 | 2005-2010 | Support | Support | Support |
| SL CLASS W231 2012- | 2012-2015 | Support | Support | Support (plus filter) |
| SLK CLASS W171 2000-2010 | 2006-2010 | Support | Support | Support |
| SLK CLASS W172 2012- | 2012-2015 | Support | Support | Support (plus filter) |
| SLR CLASS C199 2003-2007 | 2003-2007 | Support | Support | Support |
| SPRINTER W906 2006- | 2006-2013 | Support | Support | Support (remove the lock and adjust the instrument) |
| VIVO/VIANO W639 2007- | 2007-2013 | Support | Support | Support (remove the lock and adjust the instrument) |
| VIVO/VIANO W447/448 | 2014- | Not supported (key can be disabled) | Not supported | Support 95640 (remove instrument regulator/add filter) |
| VIVO/VIANO W447 | 2015-2017 | Not supported (key can be disabled) | Not supported | D70F3525/D70F3526 Support (OBD + MCU) |
| VIVO/VIANO W447 | 2015-2017 | Not supported (key can be disabled) | Not supported | D70F3525/D70F3526 Decryption (no filter required) |
| VIVO/V250 W447 | 2017-2019 | Not supported (key can be disabled) | Not supported | R7F701414 Decryption (no filter required) |
| GLA (FBS4) | 2014- | Not supported (key can be disabled) | Not supported | Support (plus filter) |
| C CLASS (FBS4) | 2014 | Not supported (key can be disabled) | Not supported | Support (plus filter) |
| E CLASS (FBS4) | 2015- | Not supported (key can be disabled) | Not supported | Support (plus filter) |
| W246 Lock Head (FBS4) | After June 2014 | Not supported (key can be disabled) | Not supported | Support (plus filter) |
| W205/W222/W447 | 2014-2017 | Not supported (key can be disabled) | Not supported | D70F3525/D70F3526 Decryption (no filter required) |
| C205/C253/X253/W447 | 2017-2019 | Not supported (key can be disabled) | Not supported | R7F701414 Decryption (no filter required) |

| Repair of mileage of Mercedes-Benz instrument module HU6 (IC177) | | | | |
|--|--------|---------------|---------------|--|
| A Class (W177) | 2018- | Not supported | Not supported | R7F701403 Decryption (no filter required) |
| B Class (W247) | 2019- | Not supported | Not supported | R7F701403 |
| GLA (H247) (C118) | 2019- | Not supported | Not supported | Decryption (no filter required) |
| CLA | 2019- | Not supported | Not supported | R7F701403 |
| GLB (X247) | 2020- | Not supported | Not supported | Decryption (no filter required) |
| EQA (H243) | 20210- | Not supported | Not supported | R7F701403 |
| EQB (X243) | 2021- | Not supported | Not supported | Decryption (no filter required) |
| CLS (W257) (x290) | 2019- | Not supported | Not supported | R7F701403 |
| AMG GT 4 door | 2019- | Not supported | Not supported | Decryption (no filter required) |

Note: The models listed above only represent the results of passing the on-board test and the feedback from some users, not all models.

VII. Buick model and model year:

| Vehicle model | Model year range | Mileage repair |
|-----------------|------------------|---|
| Buick GL8 (BCM) | 2016-2023 | Disassemble the body module BCM (D70F3558) to decrypt |

VIII. Toyota model and model year:

| Vehicle model | Model year range | Mileage repair |
|------------------------------------|------------------|--|
| Highlander full LCD | 2023- | R7F701401 Mileage Repair + A15 RH850 Adapter |
| Camry full LCD | 2023- | R7F701401 Mileage Repair + A15 RH850 Adapter |
| Corolla full LCD | 2023- | R7F701401 Mileage Repair + A15 RH850 Adapter |
| Wilfa full liquid crystal | 2023- | R7F701401 Mileage Repair + A15 RH850 Adapter |
| Senna full liquid crystal | 2023- | R7F701401 Mileage Repair + A15 RH850 Adapter |
| Wei Sa full LCD | 2023- | R7F701401 Mileage Repair + A15 RH850 Adapter |
| Land amplifier full liquid crystal | 2023- | R7F701401 Mileage Repair + A15 RH850 Adapter |
| Ling Shangquan LCD | 2023- | R7F701401 Mileage Repair + A15 RH850 Adapter |
| Previa full liquid crystal | 2023- | R7F701401 Mileage Repair + A15 RH850 Adapter |
| Sequoia semi-liquid crystal | 2023- | R7F701401 Mileage Repair + A15 RH850 Adapter |
| Platinum smart big screen | 2023- | R7F701441 mileage repair + A15 RH850 adapter |
| Corolla big screen | 2023- | R7F701441 mileage repair + A15 RH850 adapter |
| Lei Ling big screen | 2023- | R7F701441 mileage repair + A15 RH850 adapter |
| BX4 large screen | 2023- | R7F701441 mileage repair + A15 RH850 adapter |
| BZ4 large screen | 2023- | R7F701441 mileage repair + A15 RH850 adapter |
| RX350 semi-liquid crystal | 2023- | R7F701401 Mileage Repair + A15 RH850 Adapter |

IX. Support list of engine data reading and writing (including CAS4 + full read loss ISN):

| Wave box (EGS) type | Engine Chassis Description Machine Use |
|---|---|
| F Series 6 HP Wave Box Emptying and Cloning | F02 |
| VGS2-FDCT cloning | Mercedes-Benz GLA (FBS4) |
| VGS2-FCVT Clone | Run quickly/Benz |
| Engine (ECU) Type | Engine Chassis Description Machine Use |
| BMW (BMW) | |
| | F-Series (FEM/BDC) |
| B48/B58 | |
| B48C | |
| MEVD17. 2. 3 (B38A15A) | F20 F21 F22 F23 F45 F46 F54 F55 F56 F57 |
| MEVD17. 2. K (B38B15A) | F20 F21 F22 F23 F45 F46 F54 F55 F56 F57 |
| | F-Series (CAS4) |
| MSV90 | |
| MEVD1725 (N13) | F20 F21 |
| MEVD1724 (N20) | F10 F11 F12 F13 F18 F25 F31 F35 |

| | |
|-------------------------|---|
| MEVD1726(N55) | F01 F10 F25 F25 F30 |
| MEVD1728(N63/S63) | F01 F10 |
| MEVD1729(N20) | F10 F20 F25 F30 F32 |
| MEVD172(N55) | F01 F02 F07 F10 F11 F18 F25 |
| MEVD172P(N20) | F10 F20 F25 F30 F32 |
| MEVD172S(N55) | F10 F20 F25 F30 F32 |
| MEVD172G(N55) | F10 F20 F25 F30 F32 |
| DDE701A | |
| DDE701P | |
| DDE721B | |
| DDE721P | |
| DDE73A | |
| DDE731A | |
| DDE741A | |
| DDE751A | |
| | E-Series (CAS3) |
| MEVD17(N55) | E70 E71 E60 E82 E84 E88 E90 E91 E92 E93 |
| MEVD1724(N20) | E89 E84 |
| MEVD1726(N55) | E89 E84 E70 E71 |
| MEVD1729(N20) | E89 E84 |
| ME1745(N45) | |
| MV1746(N46) | |
| MVS946(N46) | |
| DDE70_EDC17CP06 | |
| DDE701_EDC17CP50 | |
| DDE71_EDC17CP02 | |
| DDE721_EDC17C41 | |
| DDE73_EDC17CP09 | |
| DDE731_EDC17CP45 | |
| MSV80 | |
| MSV801 | |
| MSD80 | |
| MSD81 | |
| MSD802 | |
| MSD812 | |
| MSD851 | |
| | R Series (MINI) |
| DDE701_EDC17CP50 | |
| MED172(N14/N16) | |
| MEV172(N14/N16) | |
| MEV1722(N18) | |
| MEVD1722 | |
| MEVD1727 | |
| Mercedes (Benz) | |
| MED17. 1. 1 | |
| VAG (Volkswagen) | OBd read PIN code and CS code |
| MED17. 1 | |
| MED17. 5. 2 | |
| EDC17CP14 | |
| EDC17CP20 | |

| | |
|------------------------------|---------|
| EDC17CP24 | |
| EDC17U05 | |
| MED17. 1. 1 | |
| MED17. 1. 6 | |
| EDC15x | Support |
| ME7. 1. 1/7. 5/7. 8 master | Support |
| ME7. 1. 1/7. 5/7. 8 slaver | Support |
| Porsche5. 2/7. 8 | Support |
| EDC16U1 | Support |
| EDC16U1 master | Support |
| EDC16U1 slaver | Support |
| EDC16U31 | Support |
| EDC16U31 master | Support |
| EDC16U31 slaver | Support |
| EDC16U34 | Support |
| EDC16CP/EDC16CP34 | Support |
| EDC16CP34 master | Support |
| EDC16CP34 slaver | Support |
| EDC16C4 master | Support |
| EDC16C4 slaver | Support |
| EDC17 | Support |
| MED17 | Support |
| MED 9. 5. 10 | Support |
| MED9. 1 master | Support |
| MED9. 1 slaver | Support |
| MED9. 1 single | Support |
| SIMOS PDD 1. 1/1. 5(Siemens) | Support |
| SIMOS benzin(Siemens) | Support |

X. Key unlocking:

| |
|--|
| BMW E series |
| BMW E Series Original 315MHz Key (BMW-E-Series-Original-315MHz-IN-Circuit) |
| BMW E-Series-Original-868MHz-IN-Circuit |
| BMW E-Series-Third-IN-CIRCUIT |
| BMW E-Series 868 MHz Key (BMW-E-Series-868MHz-IN-Circuit-5WK49125) |
| BMW E Series 315MHz Key (BMW-E-Series-315MHz-IN-Circuit-5WK49127) |
| BMW E-Series Intelligent 868 MHz Key (BMW-E-Series-868MHz-IN-Circuit-5WK49145) |
| BMW E-Series Intelligent 315MHz Key (BMW-E-Series-315MHz-IN-Circuit-5WK49147) |
| BMW F series |
| BMW F Series 315MHz Frequency Key Refresh (BMW-F-Series-315MHz-IN-Circuit-HUF5662) |
| BMW F Series 433MHz Frequency Key Refresh (BMW-F-Series-433MHz-IN-Circuit-HUF5663) |
| BMW F Series 868MHz Frequency Key Refresh (BMW-F-Series-868MHz-IN-Circuit-HUF5661) |
| BMW F Series 433MHz Frequency Key Refresh (BMW-F-Series-433MHz-IN-Circuit-HUF5767) |
| BMW F Series 315MHz Frequency Key Refresh (BMW-F-Series-315MHz-IN-Circuit-5WK49663) |
| BMW F Series 433MHz Frequency Key Refresh (BMW-F-Series-433MHz-IN-Circuit-5WK49662) |
| BMW F Series 868MHz Frequency Key Refresh (BMW-F-Series-868MHz-IN-Circuit-5WK49661) |
| Audi V |
| Audi 5th Generation 315MHz Frequency Key Refresh (AUDI-315MHz-IN-CIRCUIT-8T0959754G) |
| Audi 5 433MHz Frequency Key Refresh (AUDI-433MHz-IN-CIRCUIT-8T0959754) |
| Audi 5 868MHz Frequency Key Refresh (AUDI-868MHz-IN-CIRCUIT-8T0959754D) |
| Audi Generation V 315MHz Frequency Key Refresh (AUDI-315MHz-IN-CIRCUIT-4H0959754G) |
| Audi 5 868MHz Frequency Key Refresh (AUDI-868MHz-IN-CIRCUIT-4H0959754K) |
| Audi Generation V 315MHz Frequency Key Refresh (AUDI-315MHz-IN-CIRCUIT-4G0959754G) |

| |
|---|
| Audi 5 868MHz Frequency Key Refresh (AUDI-868MHz-IN-CIRCUIT-4G0959754K) |
| Audi Generation V 315MHz Frequency Key Refresh (AUDI-315MHz-IN-CIRCUIT-8T0959754A) |
| Audi Generation V 315MHz Frequency Key Refresh (AUDI-315MHz-IN-CIRCUIT-8T0959754C) |
| Audi Generation V 315MHz Frequency Key Refresh (AUDI-315MHz-IN-CIRCUIT-8T0959754J) |
| Audi Generation V 315MHz Frequency Key Refresh (AUDI-315MHz-IN-CIRCUIT-4H0959754J) |
| Audi Generation V 315MHz Frequency Key Refresh (AUDI-315MHz-IN-CIRCUIT-8T0959754J) |
| Audi Generation V 315MHz Frequency Key Refresh (AUDI-315MHz-IN-CIRCUIT-8T0959754A) |
| Audi Generation V 315MHz Frequency Key Refresh (AUDI-315MHz-IN-CIRCUIT-8T0959754C) |
| Audi Generation V 315MHz Frequency Key Refresh (AUDI-315MHz-IN-CIRCUIT-8K0959754) |
| Audi Generation V 315MHz Frequency Key Refresh (AUDI-315MHz-IN-CIRCUIT-4G0959754J) |
| Audi Generation V 315MHz Frequency Key Refresh (AUDI-315MHz-IN-CIRCUIT-8K0959754 G) |
| Audi Generation V 315MHz Frequency Key Refresh (AUDI-315MHz-IN-CIRCUIT-8H0959754 DB) |
| Volkswagen Touareg 5th Generation 868MHz Frequency Key Refresh (VW-TOUAREG-868MHz-IN-CIRCUIT-7P6959754AT) |
| Volkswagen Touareg 5th Generation 433MHz Frequency Key Refresh (VW-TOUAREG-433MHz-IN-CIRCUIT-7P6959754AO) |
| Volkswagen Touareg 5th Generation 868MHz Frequency Key Refresh (VW-TOUAREG-868MHz-IN-CIRCUIT-7P6959754L) |
| Dodge/Jeep/Chrysler |
| Dodge/Jeep/Chrysler Key Refresh (DODGE/JEEP/CHRYSLER-IN-Circuit-OHT692427AA) |
| Dodge/Jeep/Chrysler Key Refresh (DODGE/JEEP/CHRYSLER-IN-Circuit-OHT692713AA) |
| Dodge/Jeep/Chrysler Key Refresh DODGE/JEEP/CHRYSLER-IN-Circuit-M3N5WY783X) |
| Dodge/Jeep/Chrysler Key Refresh DODGE/JEEP/CHRYSLER-IN-Circuit-M3N5WY72XX) |
| Dodge/Jeep/Chrysler Key Refresh DODGE/JEEP/CHRYSLER-IN-Circuit-KOBOT04A) |
| Dodge/Jeep/Chrysler Key Refresh (DODGE/JEEP/CHRYSLER-1YZ-C01C-ChipMarking:567.738.031) |
| Dodge/Jeep/Chrysler Key Refresh (DODGE/JEEP/CHRYSLER-1YZ-C01C-KEYLESSGO-ChipMarking:567.737.061) |
| Dodge/Jeep/Chrysler Key Refresh (DODGE/JEEP/CHRYSLER-CQ4-53T-ChipMarking:61C0700[Hitag-2]) |
| Dodge/Jeep/Chrysler Key Refresh (DODGE/JEEP/CHRYSLER-M3M-ChipMarking:F7953MC2800[Hitag-AES]) |
| Universal |
| Buick smart card 5 key 315MHz frequency key refresh (GM-BUICK-IN-Circuit-315MHz-5Button-Keylessgo-13500224/13584825) |
| Buick Smart Card 4-key 315MHz frequency key refresh (GM-BUICK-IN-Circuit-315MHz-4Button-Keylessgo-13500225/13584825) |
| Cadillac Smart Card 5 Key 315MHz Frequency Key Refresh (GM-CADILLAC-IN-Circuit-315MHz-5Button-Keylessgo-NBG009768T) |
| Chevrolet 5 key 315MHz frequency key refresh GM-CHEVROLET-IN-Circuit-315MHz-5Button-13500221) |
| Chevrolet 4-key 315MHz frequency key refresh (GM-CHEVROLET-IN-Circuit-315MHz-4Button-13500222) |
| Chevrolet 2 Key 433MHz Frequency Key Refresh (GM-CHEVROLET-IN-Circuit-433MHz-2Button-F41E30-13500218) |
| Chevrolet Smart Card 5 Key 315MHz Frequency Key Refresh (GM-CHEVROLET-IN-Circuit-315MHz-5Button-Keylessgo-13500319/13584829) |
| Chevrolet Smart Card 4 Key 315MHz Frequency Key Refresh (GM-CHEVROLET-IN-Circuit-315MHz-4Button-Keylessgo-13500318/13584828) |
| Universal smart card 5-key 433MHz frequency key refresh (GM-IN-Circuit-433MHz-5Button-Keylessgo) |
| Universal smart card 4-key 433MHz frequency key refresh (GM-IN-Circuit-433MHz-4Button-Keylessgo) |
| Universal smart card 3-key 433MHz frequency key refresh (GM-IN-Circuit-433MHz-3Button-Keylessgo) |

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|--|
| Opel Astra/Zafira2 key 433MHz frequency key refresh (GM-OPEL-IN-Circuit-433MHz-2Button-ASTRA-H/ZAFIRA-B-13149658) |
| Opel Astra/Zafira2 key 433MHz frequency key refresh (GM-OPEL-IN-Circuit-433MHz-2Button-ASTRA-H/ZAFIRA-B-13149645) |
| Opel Corsa 2 key 433MHz frequency key refresh (GM-OPEL-IN-Circuit-433MHz-2Button-CORSA-D-13188281) |
| Opel Corsa 2 key 433MHz frequency key refresh (GM-OPEL-IN-Circuit-433MHz-2Button-CORSA-D-13188284) |
| Opel 3-key 433MHz frequency key refresh (GM-OPEL-IN-Circuit-433MHz-3Button-13500234) |
| Opel 3-key 433MHz frequency key refresh (GM-OPEL-IN-Circuit-433MHz-3Button-13500235) |
| Chevrolet 3 Key 433MHz Frequency Key Refresh (GM-CHEVROLET-IN-Circuit-433MHz-3Button-F41E30-13500219) |
| Modern |
| Hyundai/Kia Smart Card Key Refresh (HYUNDAI/KIA-SVI-HMFNA04-Keylessgo-ChipMarking:049620C03) |
| Hyundai/Kia Smart Card Key Refresh (HYUNDAI/KIA-SVI-CMFEU03-Keylessgo-ChipMarking:049620C03) |
| Hyundai/Kia Smart Card Key Refresh (HYUNDAI/KIA-SVI-HMFEU04-Keylessgo-ChipMarking:049620C03) |
| Hyundai/Kia Smart Card Key Refresh (HYUNDAI/KIA-SVI-CMFCH02-Keylessgo-ChipMarking:049620C03) |
| Hyundai/Kia Smart Card Key Refresh (HYUNDAI/KIA-SVI-HMFKR04-Keylessgo-ChipMarking:049620C03) |
| Hyundai/Kia Smart Card Key Refresh (HYUNDAI/KIA-SVI-KHFGE04-Keylessgo-ChipMarking:049620C03) |
| Hyundai/Kia Smart Card Key Refresh (HYUNDAI/KIA-SVI-XMFGE04-Keylessgo-ChipMarking:049620C03) |
| Hyundai/Kia Smart Card Key Refresh (HYUNDAI/KIA-SVI-DMFGE04-Keylessgo-ChipMarking:049620C03) |
| Hyundai/Kia Smart Card Key Refresh (HYUNDAI/KIA-SVI-DMFNA04-Keylessgo-ChipMarking:049620C03) |
| Hyundai/Kia Smart Card Key Refresh (HYUNDAI/KIA-SVI-KHFNA433-Keylessgo-ChipMarking:049620C03) |
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| Land Rover |
| Land Rover Smart Card 434MHz Frequency Key Refresh (LANDROVER-IN-Circuit-434MHz-5E0U40247) |
| Land Rover 315MHz Frequency Key Refresh (LANDROVER-IN-Circuit-315MHz-YWX000071) |
| Land Rover 434MHz Frequency Key Refresh (LANDROVER-IN-Circuit-434MHz-YWX000061) |
| Mitsubishi |
| Mitsubishi 434MHz Frequency Key Refresh (MITSUBISHI-IN-CIRCUIT-G8D-644M-KEY-434MHz-F7952A) |
| Porsche |
| Porsche 315MHz frequency key refresh (PORSCHE-IN-Circuit-315MHz-7PP959753BM) |
| Porsche 434MHz frequency key refresh (PORSCHE-IN-Circuit-434MHz-7PP959753AJ) |
| Porsche 434MHz frequency key refresh (PORSCHE-IN-Circuit-434MHz-7PP959753BN) |
| Porsche 434MHz frequency key refresh (PORSCHE-IN-Circuit-434MHz-7PP959753BS) |
| Porsche 434MHz frequency key refresh (PORSCHE-IN-Circuit-315MHz-7PP959753BQ) |

| Peugeot Citroen |
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| Logo Citroen Key Refresh (PSA PEUGEOT-CITROEN-IN-Circuit-E28CI01B) |
| Logo Citroen Key Refresh (PSA PEUGEOT-CITROEN-IN-Circuit-E25CI009) |
| Logo Citroen Key Refresh (PSA PEUGEOT-CITROEN-IN-Circuit-E33CI002) |
| Logo Citroen Key Refresh (PSA PEUGEOT-CITROEN-IN-Circuit-21676652) |
| Renaud |
| RenaudFeng Lang3-key 433MHz frequency key refresh (RENAULT-FLUENCE-IN-Circuit-RemoteKey-3Button-433MHz-AK010008-ChipMarking:61A001) |
| Renault 2 key 433MHz frequency key refresh (RENAULT-IN-Circuit-2Button-433MHz-805673071R-ChipMarking:2244706) |
| Renault Smart Card 433MHz Frequency Key Refresh (RENAULT-IN-Circuit-ComfortAccessCard-433MHz-285975779R-ChipMarking:049621C03) |
| Renault Smart Card 433MHz Frequency Key Refresh (RENAULT-IN-Circuit-ComfortAccessCard-433MHz-285971998R-ChipMarking:F7953MC2200) |
| Renault remote control 433MHz frequency key refresh (RENAULT-IN-Circuit-RemoteCard-433MHz-285974100R-ChipMarking:F7945MC2200) |
| Renault remote control 433MHz frequency key refresh (RENAULT-IN-Circuit-RemoteCard-433MHz-285970036R-Hitag2-PCF7941) |
| Renault Smart Card 433MHz Frequency Key Refresh (RENAULT-IN-Circuit-ComfortAccessCard-433MHz-285979045R-ChipMarking:049622C07) |
| Volvo |
| Volvo Smart Card 900MHz Frequency Key Refresh (VOLVO-IN-CIRCUIT-900MHz-SMART-5WK49266) |
| Volvo Smart Card 433MHz Frequency Key Refresh (VOLVO-IN-CIRCUIT-433MHz-SMART-5WK49269) |
| Nissan |
| NISSAN 315MHz Frequency Key Refresh (NISSAN-IN-CIRCUIT-315MHz-Hitag2-Board: A2C53188764) |
| NISSAN 315MHz Frequency Key Refresh (NISSAN-IN-CIRCUIT-315MHz-Hitag2-Board: A2C53297341) |
| Nissan 433MHz Frequency Key Refresh (NISSAN-IN-CIRCUIT-433MHz-Hitag2-Board: A2C53405173) |
| Nissan 433MHz Frequency Key Refresh (NISSAN-IN-CIRCUIT-433MHz-Hitag2-Board: A2C53408715) |
| Nissan 433MHz Frequency Key Refresh (NISSAN-IN-CIRCUIT-433MHz-HitagAES-Board: A2C32801600) |