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BITBOX

Price for BitBox

Name	Description	Price, Eur.
Toyota		
Toyota Denso Gen1 CAN	Module for OBD virtual reading and writing with CAN-bus Toyota Denso Gen1 ECUs used in Toyota/Lexus/Scion/Hino petrol and diesel vehicles.	**250.00**
Toyota Denso Gen2 (newGen) CAN	Module for OBD reading/virtual reading and writing Toyota Denso newGen ECUs used in Toyota&Lexus petrol and diesel vehicles. Checksum correction included.	**250.00**
Toyota Denso Gen3 CAN	Module for OBD reading and writing with CAN-bus Toyota Denso Gen3 ECUs used in Toyota/Lexus petrol vehicles.	**250.00**
Toyota Delphi Gen1 CAN	Module for OBD virtual reading and writing with CAN-bus Toyota Delphi Gen1 ECUs used in Toyota and Scion petrol vehicles.	**100.00**
Toyota Gen1 Virtual Reader	Module for software identification and virtual reading of Denso ECUs on Toyota, Scion, Lexus and Hino vehicles. No writing supported.	**120.00**
Toyota Full package	Package of 5 modules with discount for Toyota/Lexus/Scion/Hino vehicles.	**850.00**

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Name	Description	Price, Eur.
BMW		
BMW GearBox	Module for reading and writing via diagnostic connector TCMs Siemens GS20 and Bosch GS8.60.2 used on BMW vehicles.	**100.00**
BMW Exx Bosch CAN	Module for reflashing through OBD2 connector by CAN-bus Bosch ECUs used in BMW Exx vehicles. No need to dismount, open or drill an ECU - FULL OBD2 solution.	**350.00**
BMW Fxx Bosch ENET	Module for reflashing through OBD2 connector by Ethernet for Bosch ECUs used in BMW Fxx vehicles. No need to dismount, open or drill an ECU - FULL OBD2 solution.	**350.00**
BMW Fxx/Gxx Bosch MG1/MD1 ENET	Module for reflashing through OBD2 connector by Ethernet for Bosch MG1 and MD1 ECUs used in BMW Fxx and Gxx vehicles.	**350.00**
BMW Full CAN+ENET	Package of all 3 modules we have for BMW with discount. BMW Bosch Exx CAN + Fxx Bosch ENET + Fxx/Gxx Bosch MG1/MD1 ENET	**900.00**

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Name	Description	Price, Eur.
Mercedes-Benz		
MB Bosch EDC17 CAN	Module for reading and writing through the diagnostic connector by CAN-bus for diesel Mercedes-Benz vehicles with Bosch EDC17 ECUs.	**250.00**
MB Bosch MED17 CAN	Module for virtual reading and writing through the diagnostic connector by CAN-bus for petrol Mercedes-Benz vehicles with Bosch MED17 ECUs.	**250.00**
MB Siemens/Continental SIM271	Module for reading and writing by CAN-bus for petrol Mercedes-Benz vehicles with Siemens/Continental SIM271 ECUs. Full OBD2 solution.	**200.00**

Name	Description	Price, Eur.
FCA group		
FCA Petrol Gen1 CAN	Module for reading and writing through the diagnostic connector Chrysler/Dodge/Jeep petrol vehicles with Motorola NGC3, NGC4, NGC4A and Continental GPEC, GPEC2 ECUs.	**300.00**
FCA Petrol Gen2 CAN	Module for reading and writing through the diagnostic connector Chrysler/Dodge/Jeep/Fiat petrol vehicles with Continental GPEC2 LOCKED, GPEC2A and GPEC3 ECUs.	**300.00**
FCA Bosch Diesel CAN	Module for reading and writing through the diagnostic connector by CAN-bus for diesel Chrysler/Dodge/Jeep and Fiat vehicles with Bosch ECUs.	**250.00**

Name	Description	Price, Eur.
Korea		
SsangYong Delphi Diesel	Module for OBD reading and writing Delphi DCM ECUs used in SsangYong diesel vehicles.	**200.00**
SsangYong Siemens Petrol	Module for OBD reading and writing Siemens ECUs used in SsangYong petrol vehicles.	**200.00**
Kia/Hyundai Diesel	Module for OBD reflash for ECUs used in diesel Kia/Hyundai vehicles.	**250.00**
Kia/Hyundai Petrol CAN	Module for reading and writing by CAN-bus ECUs used in petrol Kia and Hyundai vehicles.	**200.00**
Kia/Hyundai Continental SIM2K-25x/26x	Module for reading and writing in BSL mode for Continental SIM2K-250/251/253/258/260 ECUs used in petrol Kia and Hyundai vehicles.	**200.00**

Name	Description	Price, Eur.
China		
China Delphi Petrol	Software module for reading and writing Delphi ECUs internal flash memory for China vehicles with petrol engines.	**140.00**
China Siemens Petrol	Software module for reading and writing Siemens/Continental ECUs internal flash memory for China vehicles with petrol engines.	**100.00**
China Bosch Petrol	Software module for reading and writing Bosch ECUs internal flash memory for China vehicles with petrol engines.	**140.00**

Name	Description	Price, Eur.
Volvo		
Volvo Denso SH72xxx CAN	Module for reading and writing on the Bench through CAN-bus for diesel and petrol Volvo vehicles with Denso SH72xxx ECus.	**200.00**

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Name	Description	Price, Eur.
GM		
GM Diesel CAN	Module for reading and writing through OBD2 connector by CAN-bus ECUs used in diesel GM vehicles (Opel, Chevrolet, Saab, Holden).	**200.00**
GM ACDelco Petrol Gen1 CAN	Module for reading and writing through OBD2 connector by CAN-bus ACDelco Gen1 ECUs used in petrol GM vehicles.	**350.00**

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Name	Description	Price, Eur.
VAG group		
VAG Marelli Petrol	Software module for reading and writing ECUs Magneti Marelli IAW 4HV, 7GV, 7GVE, 9GV. This ecu is used on VAG vehicles with CFNA, CFNB, CLRA, CLPA, CLPB, CGGB, CFZA engines.	**100.00**

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Name	Description	Price, Eur.
PSA Group		
PSA Diesel CAN	Module for reflashing through OBD2 connector by CAN-bus ECUs used in Peugeot and Citroen deisel vehicles.	**200.00**

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Name	Description	Price, Eur.
Trucks/Industrial		
Trucks/Industrial Bosch EDC17CV41	Module for reading and writing through OBD2 connector by CAN-bus Bosch EDC17CV41 ECUs used in trucks/industrial vehicles Tata-Daewoo, New Holland, CASE, CLAAS, Iveco, Doosan.	**400.00**
Trucks Delphi DMCI CAN	Module for reading and writing by CAN-bus Delphi DMCI ECUs used in DAF and Hyundai trucks.	**300.00**

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Name	Description	Price, Eur.
Moto/Extreme		
Delphi MT05	Software module for reading and writing through the diagnostic connector Delphi MT05 and MT05.2 ECUs on different moto vehicles.	**250.00**
China Bosch Moto/Extreme	Module for software identification and virtual reading and writing Bosch MSE 3.0, MSE6.0 and US6.0 ECUs	**250.00**
Rotax Extreme	Module for reading and writing extrime vehicles with Rotax engines and ECUs Bosch ME17.8.5 and Siemens MSE 3.7x. Checksum correction included.	**250.00**
Harley-Davidson Delphi	Module for OBD reading and writing Harley-Davidson motorbikes with Delphi ECUs.	**200.00**
Moto/Extreme Denso Virtual Reader	Module for identification and virtual reading of Denso SH7052 ECUs on Arctic Cat and Suzuki vehicles. No writing supported.	**100.00**
MV Agusta Eldor	Module for software identification (ID), virtual reading and writing Eldor EM 2.0 ECUs used in motobikes MV Agusta.	**100.00**
BMW Motorrad	Module for OBD reading and writing BMW Motorrad motorbikes with Bosch and Magneti Marelli ECUs.	**TEST**

Name	Description	Price, Eur.
Master/Slave		
BitBox Slave initial	BitBox Slave initial purchace. Includes 1 dongle and subscription for 12 months. Available only for Master dongle owners.	**250.00**

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Accessories

Name	Description	Price, Eur.
USB Dongle	Device that connects through USB port and makes identification of the user and activated licenses	**38**
Adapter CF Moto 3pin-to-OBD2	Adapter CF Moto 3pin-to-OBD2 adapter is designed to connect OpenPort 2.0 or any device with built-in OBD2 Male to the diagnostic connector of CF Moto vehicles.	**50**
Adapter 6pin-to-OBD2	Adapter 6pin-to-OBD2 adapter is designed to connect J2534 adapter or any device with built-in OBD2 Male to 6-pin diagnostic connector of different extreme vehicles like ATVs, UTVs and motorcycles made in China.	**50**
Adapter BRP 6pin-to-OBD2	Adapter BRP 6pin-to-OBD2 is designed to connect OpenPort 2.0 or any device with built-in OBD2 Male to the diagnostic connector of BRP vehicles.	**50**
Adapter HD 6pin-to-OBD2	Adapter BRP 6pin-to-OBD2 is designed to connect OpenPort 2.0 or any device with built-in OBD2 Male to the diagnostic connector of Harley-Davidson vehicles.	**50**
Power adapter BITS001	Power adapter BITS001 bench ECU connection. Mandatory to use for Continental SIM2K-25x/26x and for BSL reading of Bosch M7.8/ME7.8.8 ECUs.	**60**
Adapter BMW 10pin-to-OBD2	Adapter BMW 10pin-to-OBD2 is designed to connect J2534 adapter or any device with built-in OBD2 Male to the diagnostic connector of BMW Motorrad vehicles.	**50**

Module Toyota Denso Gen1 CAN

FID: 24, 26

Module for OBD virtual reading and writing with CAN-bus Toyota Denso and Fujitsu Ten Gen1 ECUs used in Toyota/Lexus/Scion/Hino petrol and diesel vehicles.

Toyota Denso NEC 76F00XX (FID: 24)
Toyota Denso NEC TCM 76F00XX (FID: 26) - test
It supports working with ECM and TCM of Denso ECUs with CAN-bus and based on MCUs NEC 76F0038, 76F0039, 76F0040, 76F0070 и 76F0085.

Module allows:
- Software identification
- Virtual reading lastest software update
- Writing (update version or downgrade)
- Checksums and CVN correction
- Recovery from any state*

* This feature allows to recovery ECU broken (with any tool) during CANBus writing or while Techstream update. You don't need any NBD/JTAG device, it CAN BE DONE with J2534 device via CANBus with bootstrap mode. This feature allows easy recovery of ECUs, including LC200 4.5TD without hard opening of the case and neccessary access to back side of PCB, and also new ECUs without NBD/JTAG pins on PCB (for example Camry V50, Highlander 3.5 U50, etc.).

Price: **250** Eur.

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Module Toyota Denso Gen2 (newGen) CAN

ID R VR W CS

FID: 23, 27, 28

Module for OBD reading/virtual reading and writing Toyota Denso newGen ECUs used in Toyota&Lexus petrol and diesel vehicles. Checksum correction included.

Module supports 2 protocols types:

TYPE 1 (FID: 23, 27)
Allowed FullFlash READING and WRITING Toyota&Lexus petrol vehicles with 2.0 6ARFSE, 2.0T 8ARFTS, 1.2T 8NRFTS, 3.5 2GRFKS, 3.5 7GRFSE etc. engines via P5-CAN-bus.

- Engine MCU D76F0199GD 1280Kb
- Engine MCU D76F0196F1 1536Kb
- Engine MCU D76F0219F1 2048Kb
- Transmission MCU D76F0199GD 1280Kb
- Transmission MCU D76F0196F1 1536Kb

Also this FID allows to set READ PROTECTIN PATCH which will disable ECU reading and will protect your MOD files from stole.

Supported vehicles:
Lexus NX 200t AGZ1#
Lexus IS 200t ASE30
Lexus GS 200t ARL10
Lexus RX 200t AGL2#
Lexus RC 200t ASC10
Lexus ES 200 ASV61
Toyota Auris 1.2t NRE185
Toyota Camry 2.0 ASV51
Toyota Crown 2.0t
Toyota Tacoma 3.5 GRN3##
Lexus GS 350 GRL1#

Supported engines:
2.0 6AR-FSE
2.0 8AR-FTS
1.2 8NR-FTS
3.5 2GR-FKS
3.5 7GR-FSE
3.5hyb 8GR-FXS
1.8hyb 2ZR-FXE
etc...

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Lexus RX 350 GGL2#
Toyota Highlander 2.0t ASU5#
Toyota C-HR 1.2t NGX##

TYPE 2 (FID: 28)
Allowed FullFlash VIRTUAL READING and WRITING with CS and CVN correction for Toyota&Lexus diesel and NA petrol vehicles with 2.8TD 1GDFTV, 2.4TD 2GDFTV, 4.0 1GRFE, 2.7 2TRFE, 2NRFE, 3ZRFAE engines. Writing possible ONLY if we have file for your vehicle on our server.
We will not respond to the claims about the inability to read a file from our server if we do not have it. Supported files list can be found here.

- Engine MCU D76F0199GD 1280Kb
- Engine MCU D76F0196F1 1536Kb
- Engine MCU D76F0219F1 2048Kb

Supported vehicles:
Toyota C-HR ZGX10L
Toyota HiLUX GUN##
Toyota LC150 Prado GDJ##, GRJ15#
Toyota Tacoma TRN2##
Toyota Yaris 1.5 NSP151
Lexus RC-F USC10
Lexus GS-F URL10
Lexus RX450h GYL2#

Supported engines:
2.8TD 1GDFTV
2.4TD 2GDFTV
4.0 1GRFE
2.7 2TRFE
5.0 2URGSE
1.5 2NRFE
2.0 3ZRFAE
etc...

Price: **250** Eur.

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Module Toyota Denso Gen3 CAN

FID: 149

Module for OBD reading and writing with CAN-bus Toyota Denso and Fujitsu Ten Gen3 ECUs used in Toyota/Lexus petrol vehicles with new Dynamic Force engines.

Toyota Denso Gen3 R7F701202 (FID: 149)
Supports Denso ECUs based on MCU Renesas R7F701202 with 4Mb flash memory.

Module allows:
- Software identification
- Reading
- Writing with checksumm correction
- Recovery after any fail

Supported vehicles:
Lexus ES250 ES300h (ZA10, ZH10)
Lexus LS500 (F5)
Lexus UX200, UX200h (X10)
Toyota Auris/Corolla 2.0, 2.0hyb (E21)
Toyota Avalon 2.5hyb (XH5)
Toyota Camry 2.5, 2.5hyb (VA70, VH70)
Toyota C-HR 2.0 (X10)
Toyota Crown 2.0hyb (SH20)
Toyota RAV4 2.0, 2.0hyb (A50)
etc...

Supported engines:
2.0 M20AFKS
2.0hyb M20AFXS
2.5 A25AFKS
2.5hyb A25AFXS
2.5hyb A25BFXS
3.5turbo V35AFTS
etc...

Price: **250** Eur.

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Module Toyota Delphi Gen1 CAN

FID: 140

Module for OBD virtual reading and writing with CAN-bus Toyota Delphi Gen1 ECUs used in Toyota and Scion petrol vehicles.

Toyota Delphi MPC565/SH72xx (FID: 140)
Module supports 3 types of Delphi ECUs based on different MCUs: Motorola MPC565, Renesas SH72544 & SH72512

Supported filesize: 1Mb, 1.5Mb, 2Mb

Module allows:
- Software identification
- Virtual reading lastest software update
- Writing (update version or downgrade)
- Recovery from any state

Module supports only CANbus vehicles.

Price: **100** Eur.

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Module Toyota Gen1 Virtual Reader

ID VR

FID: 8, 9, 22

Service module for identification and virtual reading Toyota, Scion, Lexus and Hino Denso and Delphi Gen1 ECUs with NEC MCUs 76F0004/15/23/38/39/40/70/85 and Motorola MPC565 .

It allows to get ID of the firmware through OBD connector with any J2534 adapter and if this firmware available on our server You can download it for FREE.

Toyota Gen1 ECM Virtual reader (FID: 8)
Toyota Denso Gen1 TCM Virtual reader (FID: 9)
Toyota Denso Gen1 HCM Virtual reader (FID: 22)
Attention! We are not provide WRITING. U can use this module for stock files getting for acquaintance.

Our base is now contains 4000+ files.

Attention! We are not provide ORI files by mail, skype etc. You have to use this module to get file in the car.

We will not respond to the claims about the inability to read a file from our server if we do not have it.

Denso newGen (Gen2) files 1.25, 1.5 and 2.0 Mb available only for owners of Toyota Denso newGen CAN module.

Price: **120** Eur.

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Module Toyota Full package

Package of 5 modules with discount for Toyota/Lexus/Scion/Hino vehicles.

Package includes:
- Toyota Denso Gen1 CAN
- Toyota Denso Gen2/newGen CAN
- Toyota Denso Gen3 CAN
- Toyota Delphi Gen1 CAN
- Toyota Gen1 Virtual Reader

Price: **850** Eur.

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Module BMW GearBox

ID R W CS

FID: 3, 4

Module for reading and writing via diagnostic connector TCM Siemens GS20 and Bosch GS8.60.2 used on BMW vehicles.

Bosch GS8.60.2 (FID: 3)
This type of TCM is set to BMW vehicles equipped with Automatic transmission models of ZF 5HP24. Supports to read calibration area, writing and correction checksum through the diagnostic connector.
BMW E38 735
BMW E38 740
BMW E38 730d
BMW E39 535
BMW E39 540
Siemens GS20 (FID: 4)
ECU Siemens GS20 installed on the BMW with boxes of General Motors 5L40. Supports read/write field calibration with automatic correction checksums through the diagnostic connector.
BMW E38 730d
BMW E39 530d
BMW E39 525d
BMW E53 X5 3.0d

Price: **100** Eur.

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Module BMW Exx Bosch CAN

FID: 46, 47, 48, 49, 50, 135, 136, 137

Module for reflashing through OBD2 connector by CAN-bus Bosch ECUs used in BMW Exx vehicles. No need to dismount, open or drill an ECU - FULL OBD2 solution.

Allows VIRTUAL reading and writing of calibration area.

Module is now supports:

- Bosch EDC17CP45 (DDE7.3.1)
- Bosch EDC17CP02 (DDE7.1)
- Bosch EDC17C06 (DDE7.0)
- Bosch EDC17CP09 (DDE7.3)
- Bosch EDC17C41 (DDE7.2.1)
- Bosch EDC17C50 (DDE7.0.1)
- Bosch MEVD17.2
- Bosch MEVD17.2.9

Other ECU types will be added as soon as possible.

We will not respond to the claims about the inability to read a file from our server if we do not have it.
Price: **350** Eur.

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Module BMW Fxx Bosch ENET

FID: 130, 132, 133

Module for reflashing through OBD2 connector by Ethernet for Bosch ECUs used in diesel BMW Fxx vehicles. No need to dismount, open or drill an ECU - FULL OBD2 solution.

Warning! Module doesn't work with J2534 adapter, BMW ENET-to-OBD2 cable is required for work. Also this family can't work on the bench!
Module allows:

- Identification
- Virtual Reading
- Writing program and maps
- CS and CVN fix on writing
- Recovery with original file (as official BMW diagnostic system)
- Reading and writing coding data
- DTC reading / clearing

Supported diesel ECUs:

- Bosch EDC17C41 (DDE7.2.1)
- Bosch EDC17C50 (DDE7.0.1)
- Bosch EDC17C56 (DDE7.4.1)
- Bosch EDC17CP45 (DDE7.3.1)
- Bosch EDC17CP49 (DDE7.5.1)
- Bosch EDC17CP09 (DDE7.3a)

Supported petrol ECUs:

- Bosch MEVD17.2
- Bosch MEVD17.2.4
- Bosch MEVD17.2.5
- Bosch MEVD17.2.6
- Bosch MEVD17.2.9
- Bosch MEVD17.2.G (incl. S55)
- Bosch MEVD17.2.8

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• Bosch MEVD17.2.H
• Bosch MEVD17.2.3

We will not respond to the claims about the inability to read a file from our server if we do not have it.

Price: **350** Eur.

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Module BMW Fxx/Gxx Bosch MG1/MD1 ENET

FID: 160, 161

Module for reflashing through OBD2 connector by Ethernet for Bosch MG1 and MD1 ECUs used in BMW Fxx and Gxx vehicles.

Supports Bosch ECUs based on MCU NXP MPC5777 with 7.5Mb of main flash memory.

BMW Fxx/Gxx Bosch MG1 MPC5777 ENET (FID: 160)
BMW Fxx/Gxx Bosch MD1 MPC5777 ENET (FID: 161)
Module allows:

- Software identification
- Virtual reading from server
- Reading if file not found in server
- Writing with checksumm and CVN correction
- DTC read and clear

Price: **350** Eur.

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Module BMW Full CAN+ENET

Package of all 3 modules we have for BMW with discount. BMW Bosch Exx CAN + Fxx Bosch ENET + Fxx/Gxx Bosch MG1/MD1 ENET.

Price: **900** Eur.

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Module MB Bosch EDC17 CAN

FID: 200, 201, 202

Module for reading and writing through the diagnostic connector by CAN-bus for diesel Mercedes-Benz vehicles with Bosch EDC17 ECUs.

Supported ECU types:

- Bosch EDC17CP01 / EDC17CP10 (FID: 200)
- Bosch EDC17CP57 / EDC17CP60 / EDC17C66 (FID: 201)
- Bosch EDC17CP46 (FID: 202)
- Bosch EDC17C43 (FID: 206)
- Bosch EDC17CP01 with no ext. flash (FID:207) /TEST/

Module allows:

- SW identification
- Reading of calibration area
- Writing of calibration area
- CS correction

Price: **250** Eur.

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Module MB Bosch MED17 CAN

FID: 203, 204, 205, 208

Module for virtual reading and writing through the diagnostic connector by CAN-bus for petrol Mercedes-Benz vehicles with Bosch MED17 ECUs.

Supported ECU types:

- MB Bosch MED17.7.1 / MED17.7.3 (FID: 205)
- MB Bosch MED17.7.3.1 (FID: 204)
- MB Bosch MED17.7.2 (FID: 203)
- Infiniti Bosch MED17.7.2 (FID: 208)

Module allows:

- SW identification
- Virtual Reading of calibration area (850+ files in a base)
- Writing of calibration area
- CS correction

Price: **250** Eur.

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Module MB Siemens/Continental SIM271

Module for reading and writing by CAN-bus for petrol Mercedes-Benz vehicles with Siemens/Continental SIM271 ECUs.

Continental SIM271DE2.0 (FID: 209)
ECU is based on MCU Infineon Tricore TC1796 with internal flash memory 2Mb.

Allows reading of calibration area and writing with checksumm correction by CANbus. Full OBD2 solution.

Siemens SIM271KE2.0 (FID: 213)
ECU is based on MCU Infineon Tricore TC1796 with internal flash memory 2Mb.

Allows reading of calibration area and writing with checksumm correction by CANbus. No need to open ECU. Full OBD2 solution.

Price: **200** Eur.

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Module FCA Petrol Gen1 CAN

ID R W CS

FID: 12, 13, 14, 15, 16, 17

Module for reading and writing through the diagnostic connector by CAN-bus Chrysler/Dodge/Jeep and Fiat petrol vehicles with Motorola NGC3, NGC4, NGC4A and Continental GPEC, GPEC2 ECUs.

Also its possible to work on the bench with no openning ECU.

Module allows to Identify, Read FullFlash, Write calibration area and automatically correct CheckSums on writing.

- Motorola NGC3 MPC565 1Mb (FID: 12)
- Motorola NGC4 MPC5554 2Mb (FID: 13)
- Motorola NGC4A MPC5554 2Mb (FID: 15)
- Continental GPEC (SIM90) MPC561+EXT.FLASH 2Mb (FID: 16)
- Continental GPEC2 MPC5566 3Mb (FID: 14)*

* - for vehicles till 2014. Newer cars have ECUs with RSA LOCK and need to be UNLOCKED before writing. This new ECUs need to use with module FCA Petrol Gen2 CAN If you are not sure about what ECU you have to work please contact sales department before ordering.

Price: **300** Eur.

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Module FCA Petrol Gen2 CAN

ID R W CS

FID: 18, 19, 20, 21

Software module for OBD2 working with FCA group vehicles (Chrysler/Dodge/Jeep/Fiat) with ECUs Continental GPEC2 LOCKED, GPEC2A, GPEC3.

This ECUs are used on normal aspirated petrol cars from 2013 and have internal protection from tuning (LOCK).

For success MOD file writing it needs to remove protection (ECU Unlock) in BSL mode. You will need to open ECU and connect it on the bench as shown in connection manual.

This is the world first solution with no need to send ECU to any workshop for PCM modification. All you can do by yourself.

Module allows this operations:

- Identification and getting LOCK status (LOCKED/ UNLOCKED)
- OBD2 FULLFLASH reading
- OBD2 EEPROM reading
- ECU Unlock in BSL mode
- OBD2 Calibration area writing
- OBD2 EEPROM writing
- Read and clear DTC

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At this moment we support this ECU types:

- Continental GPEC2 2013+ MPC5566 3Mb (FID: 20)
- Continental GPEC2 2015+ MPC5566 3Mb (FID: 21)
- Continental GPEC2A MPC5674 4Mb (FID: 19)
- Continental GPEC2A 2018+ MPC5674 4Mb (FID: 131)
- Continental GPEC3 MPC5674 4Mb (FID: 18)

Attention! UNLOCK function is not working now with all J2534 adapters. Currently we tested and guarantee correct unlock with CarDAQ Plus, Bosch VCM2, Mongoose (excl. ISO).
Unlock does not work with Tactrix OpenPort 2.0, Chipsoft J2534, SMS Soft Dialink.

Price: **300** Eur.

Module FCA Bosch Diesel CAN

FID: 106, 107, 108, 124

Module for reading and writing through the diagnostic connector by CAN-bus for diesel Chrysler/Dodge/Jeep and Fiat vehicles with Bosch ECUs.

FCA Bosch EDC17C49 (FID: 106)
Engine control unit is based on MCU Infineon Tricore TC1797 with internal flash memory 4.0 Mb.

Module allows virtual reading and writing of calibration area by OBD2 with checksumm correction on writing.

FCA Bosch EDC17C79 (FID: 107)
Engine control unit is based on MCU Infineon Tricore TC1797 with internal flash memory 4.0 Mb.

Module allows virtual reading and writing of calibration area by OBD2 with checksumm correction on writing.

FCA Bosch EDC17CP27 (FID: 108)
Engine control unit is based on MCU Infineon Tricore TC1797 with internal flash memory 2.0 Mb.

Module allows virtual reading and writing of calibration area by OBD2 with checksumm correction on writing.

FCA Bosch EDC17C49/C79 Reader (FID: 124)
Allows real reading of calibration area on the BENCH by CANbus with checksumm checking. Needs if virtual reader cannot fnd file for your vehicle.

Price: **250** Eur.

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Module SsangYong Delphi Diesel

ID R W CS

FID: 32, 33, 34, 89

Module for OBD reading and writing Delphi ECUs used in SsangYong diesel vehicles.

SsangYong Delphi DCM6.2AP (FID: 32)
ECU based on MCU NXP SPC5673 with internal memory 3Mb.

Allows to read and write calibration area via CAN-bus with CHK calculation. Recovery is possible from any state.

Supported vehicles:
SsangYong Tivoli/XLV D16DTF
SsangYong Rodius/Stavic II D22DTR
SsangYong Korando C/New Actyon D22DTF
SsangYong Rexton G4 D22DTR

SsangYong Delphi DCM6.2AP-6D (FID: 89)
ECU based on MCU NXP SPC5674 with internal memory 4Mb.

Allows to read and write calibration area via CAN-bus with CHK calculation. Recovery is possible from any state.

Supported vehicles:
SsangYong Rexton G4 D22DTR-SCR

SsangYong Delphi DCM3.7AP (FID: 33)

ECU based on MCU Renesas SH72513 with internal memory 2Mb.

Allows to read FullFlash and write calibration area via CAN-bus with CHK calculation.

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Supported vehicles:
SsangYong Actyon Sports D20DTR
SsangYong Korando C/New Actyon D20DTF
SsangYong Rexton D20DTR
SsangYong Rodius D20DTR
SsangYong Stavic II D20DTR

SsangYong Delphi DCM3.2AP (FID: 35)
ECU based on MCU Motorola MPC563 +external flash AM29BDD160GB with total memory adress area 2.5Mb.

Allows to read FullFlash, write with CHK calculation by K-line.

Supported vehicles:
SsangYong Actyon D20DT Euro4
SsangYong Actyon Sports D20DT Euro4
SsangYong Kyron D20DT Euro4
SsangYong Kyron D27DT Euro4
SsangYong Rexton D20DT Euro4
SsangYong Rexton D27DT Euro4
SsangYong Rodius D27DT Euro4

SsangYong Delphi DCM3.1 (FID: 34)
ECU based on MCU Motorola MPC555 with internal memory 448Kb.

Allows to read FullFlash and write calibration area via K-line with CHK calculation.

Supported vehicles:
SsangYong Actyon D20DT Euro3
SsangYong Actyon Sports D20DT Euro3
SsangYong Kyron D20DT Euro3
SsangYong Kyron D27DT Euro3
SsangYong Rodius D27DT Euro3
Tata Safari 3.0 DiCOR
Tata Xenon 3.0 DiCOR

Price: **200** Eur.

Module SsangYong Siemens Petrol

FID: 40, 45

Module for OBD reading and writing Siemens ECUs used in SsangYong petrol vehicles.

Siemens SIM2K-410 (FID: 40)
Engine control unit Siemens SIM2K-410 based on MCU NXP SPC5634 with internal flash memory 1.5 Mb.

This ECU is used on SsangYong petrol vehcles with 1.6 G16DF engine. Allows virtual reading and writing of FullFlash by OBD2 with checksumm correction on writing.
Supported vehicles:
SsangYong Tivoli 1.6 G16DF
SsangYong Tivoli XLV 1.6 G16DF

Siemens SIM2K-C201 (FID: 45)
Engine control unit Siemens SIM2K-C201 based on MCU Infineon Tricore TC1767 with internal flash memory 2.0 Mb.

This ECU is used on SsangYong petrol vehcles with 2.0 G20DF engine. Allows reading and writing of FullFlash by OBD2 with checksumm correction on writing.

Supported vehicles:
SsangYong Korando/New Actyon 2.0 G20DF

Price: **200** Eur.

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Module Kia/Hyundai Diesel

ID R VR W CS

FID: 37, 42, 41, 39

Module for OBD reflash for ECUs used in diesel Kia/Hyundai vehicles with Delphi and Denso ECUs.

Kia/Hyundai Denso Diesel SH72546 (FID: 42)
ECU based on MCU Renesas SH72546 with internal memory 3.75Mb.

Allows to virtual read and write FullFlash via CAN-bus with CHK calculation. Recovery is possible from any state.

Supported vehicles:
Hyundai Grand Starex H-1 (TQ) 2.5 CRDI Euro6
Hyundai H350 (EU) 2.5 CRDI Euro6
Hyundai H100 Porter (HR) 2.5 CRDI Euro6
Kia Bongo/K2500 2.5 CRDI Euro6

Kia/Hyundai Delphi DCM6.2AP (FID: 41) - *test*
ECU based on MCU NXP SPC5674 with internal memory 4Mb.

Allows to read and write calibration area via CAN-bus with CHK calculation. Recovery is possible from any state.

Supported vehicles:
Hyundai i20 (GB) 1.1 CRDI Euro6
Kia Rio (UB) 1.1 CRDI Euro6

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Kia/Hyundai Delphi DCM3.7AP (FID: 39)
ECU based on MCU Renesas SH72513 with internal memory 2Mb.

Allows to read FullFlash and write calibration area via CAN-bus with CHK calculation.

Supported vehicles:
Hyundai H-1 (TQ) 2.5 CRDi Euro4/5
Hyundai i20 (PB) 1.1 CRDi Euro5
Hyundai i20 (PB) 1.4 CRDi Euro4/5
Hyundai i30 (GD) 1.4 CRDi Euro5
Hyundai iX20 (JC) 1.4 CRDi Euro5
Hyundai H100/Porter (HR) 2.5 CRDi Euro5
Kia Rio (UB) 1.1 CRDi Euro5
Kia Rio (UB) 1.4 CRDi Euro5
Kia Cee'd (JD) 1.4 Euro5
Kia Venga (YN) 1.4 CRDi Euro5
Kia Bongo/K2500 (PU) 2.5 CRDI Euro5

Kia Delphi DCM3.2AP (FID: 37)
ECU based on MCU Motorola MPC563 +external flash AM29BDD160GB with total memory adress area 2.5Mb.

Allows to read FullFlash, write with CHK calculation by CAN-bus.

Supported vehicles:
Kia Bongo 2.9 CRDI Euro4
Kia Carnival 2.9 CRDI Euro4
Kia Sedona 2.9 CRDI Euro4

Price: **250** Eur.

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Module Kia/Hyundai Petrol CAN

FID: 70, 72, 73, 74, 77, 88, 93, 104

Module for reading and writing through CAN-bus by diagnostic OBD2 plug ECUs used in petrol Kia and Hyundai vehicles.

Kefico CPEGD2/CPGDSH2 (FID: 70)
Supported Kefico CPEGD2.20.1 and CPGDSH2.26.1 ECUs are based on MCU Infineon Tricore TC1782 with internal flash memory 2.5Mb.

Allows reading and writing calibration area through CAN-bus with checksum correction. Recovery is possible from any state.

Bosch ME(G)17.9.1x (FID: 72)
ECU series Bosch ME(G)17.9.11/12/13 is based on MCU Infineon Tricore TC1762 with internal flash memory 1.46Mb.

Allows reading and writing FullFlash through CAN-bus with checksum correction.

Supported vehicles:
Kia/Hyundai 1.0-1.6 MPI/DOHC

Bosch ME(G)17.9.21 (FID: 74)
ECU series Bosch ME(G)17.9.21 is based on MCU Infineon Tricore TC1724 with internal flash memory 1.5Mb.

Allows reading and writing FullFlash through CAN-bus with checksum correction.

Bosch ME(D)(G)17.9.8 (FID: 73)
ECU series Bosch ME(D)(G)17.9.8 is based on MCU Infineon Tricore TC1767 with internal flash memory 2.0Mb.

Allows reading and writing FullFlash through CAN-bus with checksum correction.

Siemens SIM2K-47 (FID: 88)

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ECU Siemens SIM2K-47 is based on MCU C167 with external flash memory 512Kb.

Allows reading and writing FullFlash through CAN-bus with checksum correction.

Siemens SIM2K-24x (FID: 93)
ECU series Siemens SIM2K-240/241/242/245 is based on MCU Infineon Tricore TC1764 with internal flash memory 2Mb.

Allows reading and writing FullFlash through CAN-bus with checksum correction.

Siemens SIM2K-141/341 (FID: 104)
ECU series Siemens SIM2K-141/341 is based on MCU Motorola MPC561 with external flash memory 2Mb.

Allows reading and writing FullFlash through CAN-bus with checksum correction.

Delphi MT86 (FID: 77)
ECU Delphi MT86 is based on Tricore TC1766 with internal flash memory 1.46Mb.

Allows reading and writing calibration area through CAN-bus with checksum correction.

Price: **200** Eur.

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Module Kia/Hyundai Continental SIM2K-25x/26x

Module for reading and writing in BSL mode for Continental SIM2K-250/251/253/258/260 ECUs used in petrol Kia and Hyundai vehicles.

Continental SIM2K-25x TC1782 (FID: 150)
ECU series Siemens SIM2K-250/251/253/258 with MCU Infineon Tricore TC1782 onboard have internal flash memory 2.5Mb.

FID allows reading and writing of calibration area in BSL mode. ECU needs to be opened. Checksum and CVN correction performs on writing.

Continental SIM2K-260 TC1791 (FID: 151)
ECU is based on MCU Infineon Tricore TC1791 onboard have internal flash memory 4Mb.

FID allows reading and writing of calibration area in BSL mode. ECU needs to be opened. Checksum and CVN correction performs on writing.

Continental SIM2K-250/251 TC1767 (FID: 152) - in development

Attention! Special power adapter BITS001 required. Tested only with J2534 Tactrix Openport 2.0, DrewTech CarDAQ, Bosch VCM2.

Price: **200** Eur.

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Module China Delphi Petrol

FID: 51, 52, 53, 54, 55, 56, 58, 59, 61, 86

Software module for reading and writing Delphi ECUs internal flash memory for China vehicles with petrol engines.

- Delphi MT20U (FID: 51) with Motorola MC912DT128 128Kb - R/W/CS
- Delphi MT20U2 (FID: 59) with Motorola MC9S12KG256 256Kb - R/W/CS
- Delphi MT22.1 (FID: 52) with Motorola MC9S12XEP768 768Kb - R/W/CS
- Delphi MT22U (FID: 53) with Motorola MC9S12XET256 256Kb - R/W/CS
- Delphi MT20UED (FID: 58) with Motorola MC9S12KG256 256Kb - R/W/CS
- Delphi MT22.1.1 HW1 (FID: 54) with Motorola MC9S12XET256 256Kb - R/W/CS - *test*
- Delphi MT34 (FID: 55) with Infineon Tricore + EXT.Flash 1Mb - R/W/noCS - *test*
- Delphi MT62.1 (FID: 56) with NXP SPC5634 1.5Mb - R/W/noCS
- Delphi MT80 (FID: 61) with Infineon Tricore TC1762 1.5Mb - R/W/CS - *test*
- Delphi MT92 (FID: 86) with Infineon Tricore TC1767 2Mb - R/W/noCS - *test*

Price: **140** Eur.

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Module China Siemens Petrol

FID: 83

Software module for reading and writing Siemens/Continental ECUs internal flash memory for China vehicles with petrol engines.

Continental Simos 9.5 (FID: 83)
ECU Simos 9.5 is based on MCU C167 with external flash memory 512 Kb. It allows to virtual read fullflash, write calibration area via CANbus and checksumm correction on writing.

Price: **100** Eur.

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Module China Bosch Petrol

FID: 57, 60, 63, 68, 75, 76, 81, 82, 84

Software module for reading and writing Bosch ECUs internal flash memory for China vehicles with petrol engines.

- Bosch ME7.9.7 (FID: 68) with C167 1Mb VR/W/CS
- Bosch M7.8 (FID: 57) with ST10F275 832Kb VR/W/CS
- Bosch ME7.8.8 (FID: 63) with ST10F275 832Kb K-line VR/W/CS
- Bosch ME7.8.8 (FID: 76) with ST10F275 832Kb CAN VR/W/CS
- Bosch ME17.8.8 (FID: 60) with Infineon TC1728 1.5Mb R/W/CS
- Bosch ME17.8.8.1 (FID: 82) with Infineon TC1728 1.5Mb R/W/CS
- Bosch ME17.8.8.1 Geely (FID: 84) with Infineon TC1728 1.5Mb R/W/CS
- BYD TB10 (FID: 81) with Renesas SH72531 1.25Mb R/W/CS
- Bosch M7.8/ME7.8.8 BSL (FID: 75) with ST10F275 832Kb K-line R/CS*

* - adapter BITS001 required. Tested only with J2534 Tactrix Openport 2.0

Price: **140** Eur.

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Module Volvo Denso SH72xxx CAN

FID: 142, 143

Module for reading and writing on the Bench through CAN-bus for diesel and petrol Volvo vehicles with Denso SH72xxx ECus.

Removing ECU required but opening not need, only direct CAN connection to ECU.

Volvo Denso SH72543 2Mb BENCH-CAN (FID: 143)
Volvo Denso SH72546 3.75Mb BENCH-CAN (FID: 142)
Module supports FullFlash reading and writing and CS fix on writing.

Price: **200** Eur.

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Module GM Diesel CAN

FID: 65, 67, 85, 90

Module for reading and writing through OBD2 connector by CAN-bus ECUs used in diesel GM vehicles (Opel, Chevrolet, Saab, Holden).

GM Bosch EDC16C39 HW1 (FID: 65)
ECU is based on MCU Motorola MPC562 with external flash memory 2.0Mb.

Allows to read and write calibration area through CAN-bus with checksumm correction on writing.

Supported vehicles:
Chevrolet Captiva 2.0 VCDI
Chevrolet Cruze 2.0 VDCI
Chevrolet Epica 2.0 VCDI
Chevrolet Lacetti 2.0 VCDI
Daewoo Winstorm 2.0 VCDI
Opel Antara 2.0 CDTI
Opel Astra (H) 1.9 CDTI
Opel Combo (D) 1.6 CDTI
Opel Signum 1.9 CDTI
Opel Vectra (C) 1.9 CDTI
Opel Zafira (B) 1.9 CDTI

GM Bosch EDC16C39 HW2 (FID: 67) - Bench OBD only
ECU is based on MCU Motorola MPC562 with external flash memory 2.0Mb.

Allows to read and write calibration area through CAN-bus on the bench with checksumm correction on writing.

Supported vehicles:
Chevrolet Trailblazer II 2.8TD Duramax
Holden Colorado 2.8TD Duramax

GM ACDelco E87 (FID: 90)
ECU is based on MCU Motorola MPC5565 with internal flash memory 2.0Mb.

Allows to read and write calibration area through CAN-bus on the bench with checksumm correction on writing.

GM ACDelco E98 (FID: 85)
ECU is based on MCU Motorola SPC5674 with internal flash memory 4.0Mb.

Allows to read and write calibration area through CAN-bus on the bench with checksumm correction on writing.

Price: **200** Eur.

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Module GM ACDelco Petrol Gen1 CAN

FID: 91, 94, 96, 97, 98, 99, 100

Module for reading and writing through OBD2 connector by CAN-bus ACDelco Gen1 ECUs used in petrol GM vehicles.

GM ACDelco E38 (FID: 96)
ECU is based on MCU Motorola MPC561 with external flash memory 2.0Mb.

Allows to read fullflash and write calibration area through CAN-bus with checksumm correction on writing.

Reading/writing time about 3-5 minutes!

GM ACDelco E39 (FID: 100)
ECU is based on MCU Motorola MPC5566 with internal flash memory 3.0Mb.

Allows to read fullflash and write calibration area through CAN-bus with checksumm correction on writing.

Reading/writing time about 3-5 minutes!

GM ACDelco E39A (FID: 97)
ECU is based on MCU Motorola MPC5566 with internal flash memory 3.0Mb.

Allows to read fullflash and write calibration area through CAN-bus with checksumm correction on writing.

Reading/writing time about 3-5 minutes!

GM ACDelco E67 (FID: 99)

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ECU is based on MCU Motorola MPC565 with external flash memory 2.0Mb.

Allows to read fullflash and write calibration area through CAN-bus with checksumm correction on writing.

Reading/writing time about 3-5 minutes!

GM ACDelco E78 (FID: 94)
ECU is based on MCU Motorola MPC5566 with internal flash memory 3.0Mb.

Allows to read fullflash and write calibration area through CAN-bus with checksumm correction on writing.

Reading/writing time about 3-5 minutes!

GM ACDelco E83 (FID: 91)
ECU is based on MCU Motorola MPC5565 with internal flash memory 2.0Mb.

Allows to read fullflash and write calibration area through CAN-bus with checksumm correction on writing.

Reading/writing time about 3-5 minutes!

GM ACDelco E92 (FID: 98)

ECU is based on MCU NXP SPC5674 with internal flash memory 4.0Mb.

Allows to read fullflash and write calibration area through CAN-bus with checksumm correction on writing.

Reading/writing time about 3-5 minutes!

New ECU type will be added as soon as possible!

Price: **350** Eur.

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Module VAG Marelli Petrol

ID R W CS

FID: 5, 7

Module for reading and writing Magneti Marelli ECUs, used on the VAG normal aspirated vehicles with 1.6 CFNA, CFNB, CLRA, CLSA, 1.4 CGGB, CLPA, CLPB and 1.6 CFZA engines.

Magneti Marelli IAW 7GV (FID: 5)
This ECU is based on MCU Infineon SAK-XC2785X-104F80L with internal flash memory 832Kb.

Allows to read FullFlash and write calibration area by OBD2. Supports 1.6 CFNA, CFNB, CLRA, CLSA and 1.4 CGGB, CLPA, CLPB engines.

It writes calibration area and takes only 3 minutes.

Also we are recommend calibration Editor for Marelli IAW 7GV.

Magneti Marelli IAW 7GVE (FID: 71)
This ECU is based on MCU Infineon SAK-XC2xxx with internal flash memory 832Kb.

Allows to read FullFlash and write calibration area by OBD2.

Supports 1.4 CGGB engines.

Magneti Marelli IAW 9GV (FID: 7)
This ECU is based on MCU NXP SPC5634 with internal flash memory 1.5 Mb.

Used in FlexFuel VAG vehicles with 1.6 CFZA engine.

Allows to read and write FullFlash in BSL mode, checksumm correction and EEPROM reading and writing.

ECU must be opened and connected on the bench as shown in instruction manual.

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Attention! Marelli 9GV is not working now with all J2534 adapters. Currently we tested and guarantee correct work with CarDAQ Plus, Bosch VCM2, Mongoose.
Also we are recommend calibration Editor for Marelli IAW 9GV.

Magneti Marelli IAW 4HV (FID: 17)
This ECU type is using on VAG vehicles with 1.4 BUD, BXW, CGGA, CGGB petrol engines.
Allows to read FullFlash and write of calibration area by K-Line.

ECU is based on MCU ST10F296 with internal adress space 832 Kb.

Price: **100** Eur.

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Module PSA Diesel CAN

ID R W CS

FID: 179, 210, 211

Module for reflashing through OBD2 connector by CAN-bus Delphi ECUs used in Peugeot and Citroen deisel vehicles.

PSA Delphi DCM6.2A (FID: 179)
This ECU is based on MCU NXP MPC5674 with internal flash memory 4.0 Mb. Allows reading and writing of calibration area by OBD2 with checksumm correction on writing.

PSA Bosch EDC17C10 TC1797 (FID: 210)
ECU is based on MCU Infineon Tricore TC1797 with internal flash memory 4.0 Mb. Allows reading and writing of calibration area by OBD2 with checksumm correction on writing.

PSA Bosch EDC17C10 TC1796 (FID: 211)
ECU is based on MCU Infineon Tricore TC1796 with external flash memory 4.0 Mb. Allows reading and writing of calibration area by OBD2 with checksumm correction on writing.

Price: **200** Eur.

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Module Trucks/Industrial Bosch EDC17CV41

FID: 109, 110, 112, 113, 114, 115, 116, 119

Module for reading and writing through OBD2 connector by CAN-bus Bosch EDC17CV41 ECUs used in trucks/industrial vehicles Tata-Daewoo, New Holland, CASE, CLAAS, Iveco, Doosan.

ECU is based on MCU Infineon Tricore TC1797 with internal flash memory 4.0Mb.

Allows to read and write calibration area through CAN-bus with checksumm correction on writing.

- Iveco Bosch EDC17CV41 (FID: 110)
- Tata-Daewoo Bosch EDC17CV41 (FID: 112)
- CASE/New Holland Bosch EDC17CV41 (FID: 113)
- CLAAS Bosch EDC17CV41 (FID: 114)
- Doosan Bosch EDC17CV41 (FID: 115)
- Tigercat Bosch EDC17CV41 (FID: 116)
- Pi Makina Bosch EDC17CV41 (FID: 119)
- Ford Bosch EDC17CV41 (FID: 109)

Attention! Some of supported vehicles are using 24V voltage onboard. Please use J2534 adapters with 24V support or connect ECU on the bench.
New ECU types will be added as soon as possible!

Price: **400** Eur.

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Module Trucks Delphi DMCI CAN

FID: 117, 118

Module for reading and writing by CAN-bus Delphi DMCI ECUs used in DAF and Hyundai trucks.

ECU is based on MCU Motorola MPC561 with internal flash memory 2.0Mb.

Allows to read and write calibration area through CAN-bus with checksumm correction on writing.

- DAF Delphi DMCI (FID: 117)
- Hyundai Delphi DMCI (FID: 118)

Price: **300** Eur.

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Module Delphi MT05

ID R W CS

FID: 1, 2

SW module to flash ECUs Delphi MT05 and Delphi MT05.2/3 through the diagnostic connector. It allows identification, read FullFlash and write the calibration area, as well as automatic correction checksums while writing.

J2534 adapter needed (i.e. Tactrix Openport 2.0).

Delphi MT05 (FID:2) is based on the MCU Infineon SAK-XC164CM-16F40F with internal flash memory 128Kb.
Delphi MT05.2/3 (FID:1) is based on the MCU Infineon SAK-XC164CS-32F40BB with internal flash memory 256Kb.

Price: **250** Eur.

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Module China Bosch Moto/Extreme

FID: 6, 78, 79

Software module to work through the diagnostic connector with Bosch MSE3.0 and US6.0 engine control units. Allows you to identify the software version, to virtual read files from our server and to write calibration area with automatic correction checksums on writing.

Work can be performed via the diagnostic connector of the vehicle or by connecting directly to the ECU connector on the bench .

Bosch MSE3.0 (FID: 6, 78)
ECU is based on MCU ST10F275 with internal memory area 832Kb. Allows Virtual Reading and Writing with CS fixing. If we have no file on server it is possible to read in BSL mode with FID:78.

Bosch MSE6.0/US6.0 (FID: 79)
ECU is based on MCU SPC563M64 with internal memory area 1.5Mb. Allows Virtual Reading and Writing with CS fixing. If we have no file on server u have to send ECU to our office for reading and adding to server.

Price: **250** Eur.

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Module Rotax Extreme

ID R VR W CS

FID: 10, 11, 31

Module for reading and writing extrime vehicles with Rotax engines and ECUs Bosch ME17.8.5 and Siemens MSE 3.7x. Its working through diagnostic plug or on the bench with no need to open ECU.

Siemens MSE 3.7x (FID: 10, 80)
Siemens MSE 3.7x family allows to get software ID, read FullFlash and write calibration area by K-line (FID 10) and CANbus (FID 80), also it performes checksum correction on writing.

For today we support 2 ECU types:

- Siemens MSE 3.7 with MCU ST10F269 and internal Flash memory 256Kb.
- Siemens MSE 3.71 with MCU ST10F269 and internal Flash memory 256Kb.

Bosch ME17.8.5 (FID: 11, 31)
Allows to get software ID, virtual reading of the FullFlash from our server and to write calibration area by CANbus. Also it performs checksum correction on writing.

We will not respond to the claims about the inability to read a file from our server (Virtual reading) if we do not have it.

ECU is based on MCU Infineon Tricore TC1762 with internal Flash memory 1504Kb.

Price: **250** Eur.

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Module Harley-Davidson Delphi

ID R W CS

FID: 30, 43

Module for OBD reading and writing Harley-Davidson motorbikes with Delphi ECUs.

HD Delphi MT05 CAN (FID:30) is based on the MCU NXP MC9S12XEP768 with internal flash memory 768Kb.
HD Delphi VooDoo CAN (FID:43) is based on the MCU NXP MC9S12DG128 with internal flash memory 128Kb.

Price: **200** Eur.

+98 51 38 64 41 19
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Module Moto/Extreme Denso Virtual Reader

FID: 64, 103

Service module for identification and virtual reading of Arctic Cat and Suzuki Denso ECUs 32920-4xxxx based on MCU Renesas SH7052.

Real ECU software reading is only possible with drilling big hole to access AUD port pins. Its not very safe for future outdoor ECU using.

This module allows to get correct file with no drilling.

You can get software ID through K-line and get file if we have it on our server.

- Arctic Cat Denso Virtual Reader (FID: 64)
- Suzuki Moto Denso Virtual Reader (FID: 103)

Attention! We are not provide ORI files by mail, skype etc. You have to use this module to get file with the vehicle.
Attention! Module does not provide writing.
We will not respond to the claims about the inability to read a file from our server if we do not have it.
Attention! Module activated for FREE for all users of BitEdit Arctic Cat Denso module

Price: **100** Eur.

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Module MV Agusta Eldor

Module for software identification (ID), virtual reading and writing Eldor EM 2.0 ECUs used in motobikes MV Agusta.

ECU is based on MCU NXP MPC5634 with internal flash memory 1.5Mb.

Supported models:

- Brutale
- F3
- F4
- Rivale
- Turismo Veloce

Price: **100** Eur.

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Module BMW Motorrad

FID: 170, 171, 172

Module for OBD reading and writing BMW Motorrad motorbikes with Bosch and Magneti Marelli ECUs.

Bosch M9.2 (BMSK) (FID: 171)
Bosch ME9.2.0 (BMSKP) (FID: 172)
Marelli MBC1 (BMS-E) (FID: 170)
Bosch ME17.2 (BMS-X) - in development
Marelli MBC2 (BMS-E2B) - in development

Price: **TEST**.

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+98 912 067 6004

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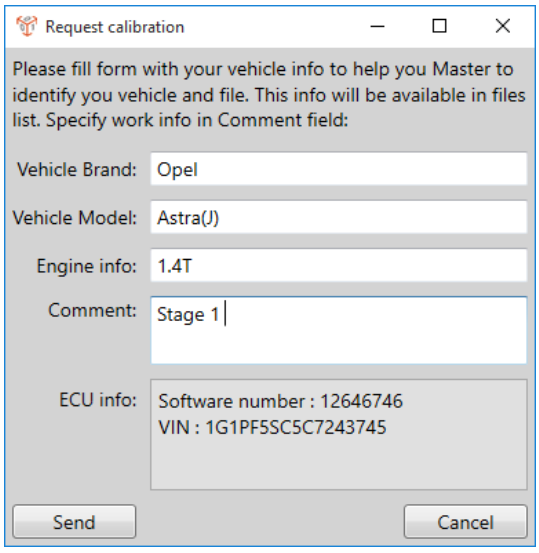
Module BitBox Slave initial

We are glad to inform you, that today the Master/Slave system is ready to open testing for our customers and from now Slave version is available to purchase. We have successfully finished internal testing in which several our customers participated!

What is it?
If you have several branches or regular customers to whom you are doing mod files, and they are interested in our product – they can receive all modules which you have, but they will have no access to your files, and you keep a secret of your developments. They also as well as you will have an opportunity to read and write files, but only you will be able to see them and that, much important, the file will be only written with your permission. Also, you will know when the file has been written, and when there is no.

How it works?
You can attach infinite number of Slave keys to your Master (now regular) key:



- You are purchasing Slave key and attach it to you Master key.

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- Slave runs applications, connecting to the vehicle and reads the file as usual. At the end of reading it will be offered to send a request for calibration to the Master - to you, he fills the form shown in the screenshot.
- You will see his request in Master files window. You can save original file, and upload modified or original file to your Slave for writing.
- After that Slave press Write and select the file from your files, prepared for him and after successful writing file will be marked as USED.
- Slave can't use one file more than once!
  Actually, file transfer does not happen between you and Slave. All files are stored in the protected storage, and access to it provides only your Master key! You do not transfer files each other and also precisely know that Slave already used the file!

  How much it costs?
  One Slave dongle costs 50 EUR and 200 EUR for the first license activation with 1 year free usage (subscription). After 1 year usage each next year costs 200 EUR.

  Slave have access to all Master purchased modules and there is no reason to buy any new module to each slave. All purchased families available for ALL Slave dongles!

  What does 'open testing' means?
  To bring the system to complete state, we need real testing on real customers and vehicles. Then will be able to make the system more useful and easy for you. In return for this, for the period of testing you get a free period of use. In other words, when the open testing period ends, all subscription terms will be discarded and you will receive a whole year of use from the end of the testing period.

  Price: **250** Eur.

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USB security dongle

Security dongle - this is device that connects through USB port and makes the identification of the user and activated licenses. It is necessary part of our software and buying once and for all/any software module.

We are currently using the most modern and small version of the key SenseLock EL-Genii with built-in internal memory of 64 KB.

Dongle is selling only with one or more modules of the BitEdit or BitBox software.

Dongle price **30** Eur.

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Adapter CF Moto 3pin-to-OBD2

Adapter CF Moto 3pin-to-OBD2 adapter is designed to connect OpenPort 2.0 or any device with built-in OBD2 Male to the diagnostic connector of CF Moto vehicles.

It allows to perform reflash vehicles with Bosch MSE3.0 and Delphi MT05.2 ECUs with no need to get ECU on the bench.

Price: **50** Eur.

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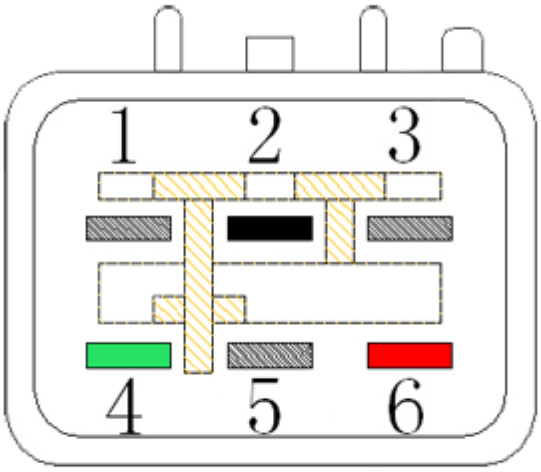
Adapter 6pin-to-OBD2

Adapter 6pin-to-OBD2 adapter is designed to connect J2534 adapter or any device with built-in OBD2 Male to 6-pin diagnostic connector of different extreme vehicles like ATVs, UTVs and motorcycles made in China.



Price: **50** Eur.

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Adapter BRP 6pin-to-OBD2

Adapter BRP 6pin-to-OBD2 is designed to connect OpenPort 2.0 or any device with built-in OBD2 Male to the diagnostic connector of BRP vehicles.

Can be used for most 4-TEC/E-TEC models of BRP vehicles 2004-2016.

Price: **50** Eur.

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Adapter HD 6pin-to-OBD2

Adapter BRP 6pin-to-OBD2 is designed to connect OpenPort 2.0 or any device with built-in OBD2 Male to the diagnostic connector of Harley-Davidson vehicles.

This adapter is for using with BitBox Harley-Davidson Delphi module.

Price: **50** Eur.

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Power adapter BITS001

Special power adapter BITS001 bench ECU connection.

Performs automatic power and boot-pin managment.*

This adapter is mandatory to use for reading Bosch M7.8/ME7.8.8 and working with Continental SIM2K-25x/26x ECUs in BSL mode.

* - tested and work with garantee with Tactrix OpenPort 2.0

Price: **60** Eur.

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Adapter BMW 10pin-to-OBD2

Adapter BMW 10pin-to-OBD2 is designed to connect J2534 adapter or any device with built-in OBD2 Male to the diagnostic connector of BMW Motorrad vehicles.

Price: **50** Eur.

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