Packet 4

Application version: 1.43-2

Active Licenses: 10 12 35 49 51 59 81 85 86 89 90 92 94 95 97 98

Module 10

Mazda 3rd generation (2012+)
Mazda: 1.5L, 2.0L, 2.5L SKYACTIV-G P5/PE/PY (Mazda3/CX5/6 SkyActiv Mitsubishi)
Mazda: 1.5L, 2.0L, 2.5L SKYACTIV-G P5/PE/PY (Mazda3/CX5/6 SkyActiv Denso)
Mazda: 2.5T SKYACTIV-G PY (Mazda CX9 SkyActiv Mitsubishi)
Mazda: 2.2L SKYACTIV-D SH (Mazda3/CX5/6 SkyActiv Denso)
Mazda: 1.6L Z6 (Denso)
Reading, writing, checksum correction.

Module 12

Honda/Acura CAN-bus
Honda: Honda PGM-FI Generic Read-Only
Honda: Honda AT/CVT/DCT Generic Read-Only
PGM-FI (Keihin SH7058/1MB)
PGM-FI (Keihin SH72543/2MB)
PGM-FI (Keihin SH72546/3.75MB)
PGM-FI (Keihin MPC5566/3MB)
PGM-FI (Keihin TC1782/2.5MB)
PGM-FI (Keihin TC275/4MB)
PGM-FI (Keihin TC277/4MB)
AT/CVT/DCT (Keihin 512KB)

AT/CVT/DCT (Keihin 1MB)
PGM-FI (Matsushita SH7058/1MB)
PGM-FI (Matsushita SH72543/2MB)
PGM-FI 2013+ (Matsushita SH72543/2MB) (Test)
PGM-FI (Panasonic TC179X/4MB)
AT/CVT/DCT (Matsushita 512KB) (Test)
Honda: PGM-FI (Continental MPC5554/2MB)
PGM-FI (Hitachi SH7058/1MB) (Test)
PGM-FI (Hitachi SH7059/1.5MB) (Test)
PGM-FI (Hitachi SH72543/2MB)
PGM-FI (Hitachi MPC5554/2MB) (Test)
AT/CVT/DCT (Hitachi SH72531/1280KB)
AT/CVT/DCT (Hitachi SH725x3/2048KB)
Reading, writing, checksum correction.
UDCT (Continental TC1782/2.5MB)
Writing, checksum correction.

Module 35

Toyota/Lexus/Scion/Hino
76F0038/39/40/70/85, MPC565/SH72512/SH72544 CAN-bus
76F0038/39/40/50/70/85, 70F4019 GearBox CAN-bus
76F0038/39/40/50/70/85 HV Control CAN-bus
76F0004/23/38/39/40/70/85, MPC565 K-Line
Reading, Writing, checksum correction.

Module 49

Toyota/Lexus/Scion/Hino Gen 2 (supplement)
76F0196/198/199/219 Bootloader
76F0199 Gearbox Bootloader
76F0196 HV Control Bootloader
Reading, writing, checksum correction
Tested with the following adapters Scanmatik 2/Pro/3, Mongoose Pro MFC, Tactrix Openport 2.0. A boot bench cable or Powerbox for PCMflash is required for automatic power and boot pin control.

Module 51

China
Great Wall/Lifan ME17 (ME17.8.8)
Chery 1.5L/1.6L/2.0L D4G15/E4G16/SQR484 (ME17.8.8)
Chery 2.0L D4G20 (ME17.8.8)
Chery 1.5L/1.5T/2.0T E4G15C/E4T15C/D4T20 (ME17U6)
Chery 1.6T F4J16 (MED17.8.10)
Jetour 1.6T F4J16 (MED17.8.10)
GAC 1.5T/2.0T 4A15M1/4B20M1 (ME17.8.8.1) [Test]
Great Wall/Haval MED17 (MED17.8.10)
Geely ME17 (ME17.8.8.1) [RD/WR/CK] reading requires direct connection to the ECU
Geely 1.8T MED17 (MED17.8.10/TC1728)
Geely 1.5T MED17 (MED17.8.10/TC1782)
MG MED17 (MED17.8.10)
SGMW 1.5L B15 (ME17U6/ECU6.1)
BAIC 2.0T (Delphi MT62.1)
BAIC 2.0T (Delphi MT95.1)
Chevrolet 1.5L Aveo/Sail 3 (ME17.8.8)
Changan 1.5L (Delphi MT62.1)
Changan CS35PLUS 1.6L, Eado 1.5T (Delphi MT92.1)
Changan CS75PLUS 1.5T (Delphi MT92.1E)
Changan 1.5T (Delphi MT95.1)
Changfeng 2.0T (Delphi MT62.1)
Chery 1.6L (Delphi MT62.1)
Chery 1.5T PHEV (Delphi MT62.3) [Test]
Dayun 2.4T 4K22D4T (Delphi MT62.1U)
Dongfeng 2.0T (Delphi MT92)
Dongfeng/Fengon 2.0L (Delphi MT62/MT62.1)
Dongfeng/Fengon 1.5T (Delphi MT62.3)

Dongfeng/Fengon 1.8L (Delphi MT22.3)
Dongfeng/Fengxing 2.0L (Delphi MT62.1)
Dongfeng/Fengshen 1.5T (Delphi MT62.1U)
Dongfeng/Fengshen 1.5T (Delphi MT62.3)
Dongfeng/Nazhijie 1.8T (Delphi MT62.1)
Dongfeng/Oting 2.4L (Delphi MT62.1U)
Foton 2.4L (Delphi MT62.1U)
Foton 2.0L (Delphi MT95.1)
GAC 2.0T 4B20J1D (Delphi MT92.1)
GAC 2.0T 4B20J1D (Delphi MT95.1)
Geely/Great Wall/LuxGen MT80 K-Line
Geely/Great Wall/LuxGen MT80 CAN-bus
Great Wall 2.4L (Delphi MT62.1U)
Great Wall/Haval 1.5T, 2.0T (Delphi MT92/MT92.1)
Great Wall/Tank 3.0T Master/Slave (Delphi MT95.1)
Huanghai 2.4T (Delphi MT62.1)
JAC 1.5T (Delphi MT62.1)
JAC 1.5T (Delphi MT92.1E)
Lifan 1.8L (Delphi MT22.3)
Oting 2.0T (Delphi MT95.1)
SGMW 1.5T 280T (Delphi MT92.1)
Southeast 1.5L (Delphi MT22.3)
Southeast 1.5T (Delphi MT62.1)
Zotye 2.0T (Delphi MT62.1)
GAC 1.5T 4A15J1 (ME17U6/UP6.0)
GAC 1.5T 4A15J1 (MED17.8.10)
Chery 1.5T PHEV (Delphi MT62.3)
BAIC 2.4T 4K22D4T (Delphi MT62.1U)
Dongfeng/Oting 1.8T (Delphi MT92.1)
Jinbei 2.0L 1TZS (Delphi MT62.1)
Jinbei 1.6L SWDC16M (Delphi MT62.1U)
Junma/Traum 1.5T SFG15T (Delphi MT62.1)
SAIC 2.0L 1TZH (Delphi MT62.3)
Reading, writing, checksum correction.

Module 59

Renault/Nissan UDS
1.2T EMS3155 UDS (TC1782/2.5MB)
1.5L dCi SID309 UDS (TC1767/2MB)
1.5L, 2.3L dCi SID310 UDS (TC1791/3MB)
1.6L dCi EDC17C84 UDS (TC1782/2.5MB)
1.8T, 2.0T Hitachi UDS (RH850/4MB)
1.5T Delphi MT92.1E UDS (TC265/2.5MB)
Reading, writing, checksum correction.
1.6L dCi EDC17C84 UDS (Injectors)
Reading, writing.

Module 81

JLR Gearbox
ZF 6HP26/6HP28 TCM (MPC5xx/TC1766)
ZF 8HP70 TCM (SH725xx)
ZF 8HP45/8HP70 TCM (TC2xx)
ZF 9HP48 TCM (TC1782)
ZF 6HP28 Continental TCM (TC1766) [AH42-Ax]
AWF21 Freelander 2/Evoque TCM [Test]
Reading, writing, checksum correction.
ZF 9HP48 TCM EEPROM (TC1782)
ZF 6HP28 Continental TCM (TC1766) EEPROM [AH42-Ax]
Reading, writing.

Module 85

Ford Gearbox
6HP26 TCM

6HP26 TCM
5R110 TCM (BlackOak/448KB)
5R110 TCM (GreenOak/512KB)
5R110 TCM (SilverOak/2MB)
6R80/6R140 TCM [BC3A]
6F55/8F40/10R80/10R140 TCM [HC3A/HL3A/JL3A/JX6A/LC4A]
8F40/10R80/10R140 TCM [K1GA/K2GA/LC3A/LK4A]
Reading, writing, checksum corrections
Module 86
China Gearbox
Changan Alsvin 5DCT (EAST80.51/SPC563M)
Chery CVT19 (EAST80.11/MPC5534)
Chery CVT18/CVT25 (EAST80.13/SPC563M)
Chery/Exeed VX 8AT 2023MY (Aisin 845AHA)
Virtual reading, writing, checksum correction
Changan Alsvin 5DCT Bootloader (EAST80.51/SPC563M)
Chery CVT25 Bootloader (EAST80.13/SPC563M)
Reading, checksum correction
Geely DSI 6AT
GAC 7WDCT (ATDG-81-9.4)
Huanghai A8R50 (ATDG-81-9.4)
Changan DF733 (ATDG-81-9.4)
Reading, writing, checksum correction
Geely Coolray 7DCT330
Haval 7DCT450 (EAST80.D1)
Haval 7DCT300 (HYCET)
reading, reading, writing, checksum correction

Module 89

China MG1
Changan 1.4T, 1.5T, 2.0T (UD8/MG1US008)
Chery/Exeed 2.0T F4J20 (MG1US008)
Great Wall/Haval 1.5T, 2.0T (MG1US008)
Haval Jolion 1.5T (MG1UA008)
JAC J7 1.5T (UP8/MG1UA008)
FAW 1.5T, 2.0T (UD8/MG1US008)
Ranger 2.3L Ecoboost China (MG1US008) [P3N9]
Geely 1.5L (MG1UA008)
SWM 1.5T (MG1UA008)
Geely/Livan 1.5T (MG1US708) [Test]
BAIC 1.5L A151A1 (MG1UA008)
JAC T9 2.0T (UD8/MG1US008)
DongFeng 1.5T (UP8/MG1US008)
SGMW 1.5L/1.5T N15A/N15T (MG1UA008)
Reading, writing, checksum correction.

Module 90

China DCM6.2AP/DCM7.1AP/DCM7.24
BAIC 2.0L TD (DCM6.2AP)
BAIC 2.0L TD EEPROM (DCM6.2AP)
Dongfeng 2.3L TD (DCM7.1AP)
Dongfeng/Yuchai 2.4L TD (DCM7.1AP)
Great Wall/Haval 2.0L TD (DCM6.2AP)
Great Wall/Haval 2.0L TD (DCM7.1AP)
JAC 2.0L TD (DCM6.2AP)
Qingling/Isuzu 3.0L TD (DCM6.2AP)
Qingling/Isuzu 3.0L TD (DCM7.1AP)
Trucks (DCM6.24) [Test]
JCB 4.4L, 4.8L TD (DCM7.24)
Changan 2.0L TD (DCM7.1AP)
Foton/Vanche/Yuchai 2.4L TD (DCM7.24)
Jiangling/Isuzu 2.8L TD (DCM7.1AP)

JAC 2.0L TD EEPROM (DCM6.2AP)
Reading, writing, checksum correction.
JCB 4.4L, 4.8L TD EEPROM (DCM7.24)
Foton/Vanche/Yuchai 2.4L TD EEPROM (DCM7.24)
Great Wall/Haval 2.0L TD EEPROM (DCM7.1AP)
Reading, writing

Module 92

Bosch MD1/MG1 Bootloader
MD1/MG1 FLASH (SPC572L/SPC5777M/SPC58/TC275TP/TC277TP/TC298TP/TC299TP/TC387QP/TC399XP)
MD1/MG1 FLASH (SPC572L/SPC574K/SPC5777M/SPC58/TC275TP/TC277TP/TC298TP/TC299TP/TC387QP/TC399XP)
T93 SPC5888
Reading, writing, checksum corrections
MD1/MG1 EEPROM (SPC572L/SPC5777M/SPC58/TC275TP/TC277TP/TC298TP/TC299TP/TC387QP/TC399XP)
MD1/MG1 EEPROM (SPC572L/SPC574K/SPC5777M/SPC58/TC275TP/TC277TP/TC298TP/TC299TP/TC387QP/TC399XP)
Reading, writing
Note: Scanmatik 2 PRO or Dialink (partial support) is required. Work is only possible with ECUs with the old protection system (the implementation of the new one began in mid-2020).

Module 94

Aisin TCU Bootloader
Aisin SH705x TCU (FLASH)
Aisin D70F4019 TCU (FLASH)
Aisin R7F701204/R7F701215/R7F701216 TCU (FLASH)
Aisin R7F7012xx TCU (FLASH)
Reading, writing, checksum correction
Aisin SH705x TCU (EEPROM)
Aisin D70F4019 TCU (EEPROM)
Aisin R7F701204/R7F701215/R7F701216 TCU (EEPROM)
Aisin R7F7012xx TCU (EEPROM)
Reading, writing

Module 95

Toyota/Lexus Gen 4
Direct connection to the ECU required!
LC300 3.3TD P5-UDS (F33A-FTV/R7F701216)
LC300/LX600/Tundra 3.5T P5-UDS (V35A-FTS/R7F702002)
LS500 3.5T P5-UDS (V35A-FTS/R7F702002)
Tundra 3.5T HV P5-UDS (V35A-FTS/R7F702002)
NX350/RX350/Highlander 2.0T, 2.4T P5-UDS (S24A-FTS/T24A-FTS/R7F702002)
ES200/Camry/Rav4/Wildlander 2.0L, 2.5L China P5-UDS (M20A/M20C/M20D/A25A/R7F702002)
LC250 2.7L P5-UDS (2TR-FE/R7F701216)
LC250 2.8TD P5-UDS (1GD-FTV/R7F701216)
RX450h/Camry/Corolla/Vellfire 2.0L, 2.5L HV P5-UDS (M20A/M20E/A25A/A25B/R7F701216)
Yaris GR 1.6T MCU #1 P5-UDS (G16E-GTS/R7F701216)
Reading, writing, no checksums

Module 97

China AECS/LinControl
DAM15KR/EA15MR/SWC14M (LinControl LEC4AF)
DAM16KL (LinControl LEC4AP)
JAC 2.0T HFC4GA3 (LinControl LEC4AF)
Reading, writing
JAC 1.5T HFC4GC1 (LinControl LEC4GD)
BAIC 1.5L R15C1 (AECS FC-34)
Changan 1.2L LJ469Q (AECS FC-34)
Changan 1.5L DAM15KL (AECS FC-34)
Dongfeng 1.5L L4A15Q6 (AECS FC-34)
Dongfeng/Fengxing 1.5T 4J15T (AECS FC-34)
Dongfeng/Fengxing 1.6L 4A92FR (AECS FC-34)
JAC 1.6L DAM16KL/HFC4GB3 (AECS FC-34)
JAC 1.8L, 2.0L, 2.0T LJ4A18Q6/LJ481Q/HFC4NA3 (AECS FC-34/FC-51)
Jinbei/SWM/Brilliance 1.5L SWC15M (AECS FC-34)
Jinlu/Jinlong 2.0L LJ481 (AECS FC-34)

King Long/Jinlong 1.8L LJ4A18 (AECS FC-34)
LDV/SAIC 1.5L LJ4A15 (AECS FC-34)
Nanjun 1.5L LJ4A15 (AECS FC-34)
SGMW 1.8L, 2.0L LJ479Q6/LJM20B (AECS FC-34/FC-50)
Shandong Kama 1.6L DAM16KR (AECS FC-34)
Xiamen Golden Dragon 1.8L LJ4A18 (AECS FC-34)
JAC 1.5T HFC4GC1 (LinControl LEC4GD) [Test]
BAIC 1.6L LQ475QMB (AECS FC-50)
Chery 1.5L DAM15KR (AECS FC-34)
Foton 1.5L DAM15KL (AECS FC-34)
Iran Khodro 1.7L EF7TC (AECS FC-34)
Reading, writing, checksum correction

Module 98

China Continental
Geely 01609492 (Easy U2)
SGMW 1.2L N12 (Easy U2.5)
SGMW 1.5L B15 (Easy U2W)
SGMW 1.5L N15A (Easy U3.6)
SGMW K-Line (SIM2K-D51/51.4/SCE60)
SGMW 1.5L N15T (Easy U3D/U3E)
Reading, writing, checksum correctionActive Licenses: 10 12 35 49 51 59 81 85 86 89 90 92 94 95 97 98

Module 10

Mazda 3rd generation (2012+)
Mazda: 1.5L, 2.0L, 2.5L SKYACTIV-G P5/PE/PY (Mazda3/CX5/6 SkyActiv Mitsubishi)
Mazda: 1.5L, 2.0L, 2.5L SKYACTIV-G P5/PE/PY (Mazda3/CX5/6 SkyActiv Denso)
Mazda: 2.5T SKYACTIV-G PY (Mazda CX9 SkyActiv Mitsubishi)
Mazda: 2.2L SKYACTIV-D SH (Mazda3/CX5/6 SkyActiv Denso)
Mazda: 1.6L Z6 (Denso)
Reading, writing, checksum correction.

Module 12

Honda/Acura CAN-bus
Honda: Honda PGM-FI Generic Read-Only
Honda: Honda AT/CVT/DCT Generic Read-Only
PGM-FI (Keihin SH7058/1MB)
PGM-FI (Keihin SH72543/2MB)
PGM-FI (Keihin SH72546/3.75MB)
PGM-FI (Keihin MPC5566/3MB)
PGM-FI (Keihin TC1782/2.5MB)
PGM-FI (Keihin TC275/4MB)
PGM-FI (Keihin TC277/4MB)
AT/CVT/DCT (Keihin 512KB)
AT/CVT/DCT (Keihin 1MB)
PGM-FI (Matsushita SH7058/1MB)
PGM-FI (Matsushita SH72543/2MB)
PGM-FI 2013+ (Matsushita SH72543/2MB) (Test)
PGM-FI (Panasonic TC179X/4MB)
AT/CVT/DCT (Matsushita 512KB) (Test)
Honda: PGM-FI (Continental MPC5554/2MB)
PGM-FI (Hitachi SH7058/1MB) (Test)
PGM-FI (Hitachi SH7059/1.5MB) (Test)
PGM-FI (Hitachi SH72543/2MB)
PGM-FI (Hitachi MPC5554/2MB) (Test)
AT/CVT/DCT (Hitachi SH72531/1280KB)
AT/CVT/DCT (Hitachi SH725x3/2048KB)
Reading, writing, checksum correction.
UDCT (Continental TC1782/2.5MB)
Writing, checksum correction.

Module 35

Toyota/Lexus/Scion/Hino
76F0038/39/40/70/85, MPC565/SH72512/SH72544 CAN-bus

76F0038/39/40/50/70/85, 70F4019 GearBox CAN-bus
76F0038/39/40/50/70/85 HV Control CAN-bus
76F0004/23/38/39/40/70/85, MPC565 K-Line
Reading, Writing, checksum correction.

Module 49

Toyota/Lexus/Scion/Hino Gen 2 (supplement)
76F0196/198/199/219 Bootloader
76F0199 Gearbox Bootloader
76F0196 HV Control Bootloader
Reading, writing, checksum correction
Tested with the following adapters Scanmatik 2/Pro/3, Mongoose Pro MFC, Tactrix Openport 2.0. A boot bench cable or Powerbox for PCMflash is required for automatic power and boot pin control.

Module 51

China
Great Wall/Lifan ME17 (ME17.8.8)
Chery 1.5L/1.6L/2.0L D4G15/E4G16/SQR484 (ME17.8.8)
Chery 2.0L D4G20 (ME17.8.8)
Chery 1.5L/1.5T/2.0T E4G15C/E4T15C/D4T20 (ME17U6)
Chery 1.6T F4J16 (MED17.8.10)
Jetour 1.6T F4J16 (MED17.8.10)
GAC 1.5T/2.0T 4A15M1/4B20M1 (ME17.8.8.1) [Test]
Great Wall/Haval MED17 (MED17.8.10)
Geely ME17 (ME17.8.8.1) [RD/WR/CK] reading requires direct connection to the ECU
Geely 1.8T MED17 (MED17.8.10/TC1728)
Geely 1.5T MED17 (MED17.8.10/TC1782)
MG MED17 (MED17.8.10)
SGMW 1.5L B15 (ME17U6/ECU6.1)
BAIC 2.0T (Delphi MT62.1)
BAIC 2.0T (Delphi MT95.1)
Chevrolet 1.5L Aveo/Sail 3 (ME17.8.8)
Changan 1.5L (Delphi MT62.1)
Changan CS35PLUS 1.6L, Eado 1.5T (Delphi MT92.1)
Changan CS75PLUS 1.5T (Delphi MT92.1E)
Changan 1.5T (Delphi MT95.1)
Changfeng 2.0T (Delphi MT62.1)
Chery 1.6L (Delphi MT62.1)
Chery 1.5T PHEV (Delphi MT62.3) [Test]
Dayun 2.4T 4K22D4T (Delphi MT62.1U)
Dongfeng 2.0T (Delphi MT92)
Dongfeng/Fengon 2.0L (Delphi MT62/MT62.1)
Dongfeng/Fengon 1.5T (Delphi MT62.3)
Dongfeng/Fengon 1.8L (Delphi MT22.3)
Dongfeng/Fengxing 2.0L (Delphi MT62.1)
Dongfeng/Fengshen 1.5T (Delphi MT62.1U)
Dongfeng/Fengshen 1.5T (Delphi MT62.3)
Dongfeng/Nazhijie 1.8T (Delphi MT62.1)
Dongfeng/Oting 2.4L (Delphi MT62.1U)
Foton 2.4L (Delphi MT62.1U)
Foton 2.0L (Delphi MT95.1)
GAC 2.0T 4B20J1D (Delphi MT92.1)
GAC 2.0T 4B20J1D (Delphi MT95.1)
Geely/Great Wall/LuxGen MT80 K-Line
Geely/Great Wall/LuxGen MT80 CAN-bus
Great Wall 2.4L (Delphi MT62.1U)
Great Wall/Haval 1.5T, 2.0T (Delphi MT92/MT92.1)
Great Wall/Tank 3.0T Master/Slave (Delphi MT95.1)
Huanghai 2.4T (Delphi MT62.1)
JAC 1.5T (Delphi MT62.1)
JAC 1.5T (Delphi MT92.1E)
Lifan 1.8L (Delphi MT22.3)

Oting 2.0T (Delphi MT95.1)
SGMW 1.5T 280T (Delphi MT92.1)
Southeast 1.5L (Delphi MT22.3)
Southeast 1.5T (Delphi MT62.1)
Zotye 2.0T (Delphi MT62.1)
GAC 1.5T 4A15J1 (ME17U6/UP6.0)
GAC 1.5T 4A15J1 (MED17.8.10)
Chery 1.5T PHEV (Delphi MT62.3)
BAIC 2.4T 4K22D4T (Delphi MT62.1U)
Dongfeng/Oting 1.8T (Delphi MT92.1)
Jinbei 2.0L 1TZS (Delphi MT62.1)
Jinbei 1.6L SWDC16M (Delphi MT62.1U)
Junma/Traum 1.5T SFG15T (Delphi MT62.1)
SAIC 2.0L 1TZH (Delphi MT62.3)
Reading, writing, checksum correction.

Module 59

Renault/Nissan UDS
1.2T EMS3155 UDS (TC1782/2.5MB)
1.5L dCi SID309 UDS (TC1767/2MB)
1.5L, 2.3L dCi SID310 UDS (TC1791/3MB)
1.6L dCi EDC17C84 UDS (TC1782/2.5MB)
1.8T, 2.0T Hitachi UDS (RH850/4MB)
1.5T Delphi MT92.1E UDS (TC265/2.5MB)
Reading, writing, checksum correction.
1.6L dCi EDC17C84 UDS (Injectors)
Reading, writing.

Module 81

JLR Gearbox
ZF 6HP26/6HP28 TCM (MPC5xx/TC1766)
ZF 8HP70 TCM (SH725xx)
ZF 8HP45/8HP70 TCM (TC2xx)
ZF 9HP48 TCM (TC1782)
ZF 6HP28 Continental TCM (TC1766) [AH42-Ax]
AWF21 Freelander 2/Evoque TCM [Test]
Reading, writing, checksum correction.
ZF 9HP48 TCM EEPROM (TC1782)
ZF 6HP28 Continental TCM (TC1766) EEPROM [AH42-Ax]
Reading, writing.

Module 85

Ford Gearbox
6HP26 TCM
6HP26 TCM
5R110 TCM (BlackOak/448KB)
5R110 TCM (GreenOak/512KB)
5R110 TCM (SilverOak/2MB)
6R80/6R140 TCM [BC3A]
6F55/8F40/10R80/10R140 TCM [HC3A/HL3A/JL3A/JX6A/LC4A]
8F40/10R80/10R140 TCM [K1GA/K2GA/LC3A/LK4A]
Reading, writing, checksum corrections

Module 86

China Gearbox
Changan Alsvin 5DCT (EAST80.51/SPC563M)
Chery CVT19 (EAST80.11/MPC5534)
Chery CVT18/CVT25 (EAST80.13/SPC563M)
Chery/Exeed VX 8AT 2023MY (Aisin 845AHA)
Virtual reading, writing, checksum correction
Changan Alsvin 5DCT Bootloader (EAST80.51/SPC563M)
Chery CVT25 Bootloader (EAST80.13/SPC563M)
Reading, checksum correction
Geely DSI 6AT

GAC 7WDCT (ATDG-81-9.4)
Huanghai A8R50 (ATDG-81-9.4)
Changan DF733 (ATDG-81-9.4)
Reading, writing, checksum correction
Geely Coolray 7DCT330
Haval 7DCT450 (EAST80.D1)
Haval 7DCT300 (HYCET)
reading, reading, writing, checksum correction

Module 89

China MG1
Changan 1.4T, 1.5T, 2.0T (UD8/MG1US008)
Chery/Exeed 2.0T F4J20 (MG1US008)
Great Wall/Haval 1.5T, 2.0T (MG1US008)
Haval Jolion 1.5T (MG1UA008)
JAC J7 1.5T (UP8/MG1UA008)
FAW 1.5T, 2.0T (UD8/MG1US008)
Ranger 2.3L Ecoboost China (MG1US008) [P3N9]
Geely 1.5L (MG1UA008)
SWM 1.5T (MG1UA008)
Geely/Livan 1.5T (MG1US708) [Test]
BAIC 1.5L A151A1 (MG1UA008)
JAC T9 2.0T (UD8/MG1US008)
DongFeng 1.5T (UP8/MG1US008)
SGMW 1.5L/1.5T N15A/N15T (MG1UA008)
Reading, writing, checksum correction.

Module 90

China DCM6.2AP/DCM7.1AP/DCM7.24
BAIC 2.0L TD (DCM6.2AP)
BAIC 2.0L TD EEPROM (DCM6.2AP)
Dongfeng 2.3L TD (DCM7.1AP)
Dongfeng/Yuchai 2.4L TD (DCM7.1AP)
Great Wall/Haval 2.0L TD (DCM6.2AP)
Great Wall/Haval 2.0L TD (DCM7.1AP)
JAC 2.0L TD (DCM6.2AP)
Qingling/Isuzu 3.0L TD (DCM6.2AP)
Qingling/Isuzu 3.0L TD (DCM7.1AP)
Trucks (DCM6.24) [Test]
JCB 4.4L, 4.8L TD (DCM7.24)
Changan 2.0L TD (DCM7.1AP)
Foton/Vanche/Yuchai 2.4L TD (DCM7.24)
Jiangling/Isuzu 2.8L TD (DCM7.1AP)
JAC 2.0L TD EEPROM (DCM6.2AP)
Reading, writing, checksum correction.
JCB 4.4L, 4.8L TD EEPROM (DCM7.24)
Foton/Vanche/Yuchai 2.4L TD EEPROM (DCM7.24)
Great Wall/Haval 2.0L TD EEPROM (DCM7.1AP)
Reading, writing

Module 92

Bosch MD1/MG1 Bootloader
MD1/MG1 FLASH (SPC572L/SPC5777M/SPC58/TC275TP/TC277TP/TC298TP/TC299TP/TC387QP/TC399XP)
MD1/MG1 FLASH (SPC572L/SPC574K/SPC5777M/SPC58/TC275TP/TC277TP/TC298TP/TC299TP/TC387QP/TC399XP)
T93 SPC5888
Reading, writing, checksum corrections
MD1/MG1 EEPROM (SPC572L/SPC5777M/SPC58/TC275TP/TC277TP/TC298TP/TC299TP/TC387QP/TC399XP)
MD1/MG1 EEPROM (SPC572L/SPC574K/SPC5777M/SPC58/TC275TP/TC277TP/TC298TP/TC299TP/TC387QP/TC399XP)
Reading, writing
Note: Scanmatik 2 PRO or Dialink (partial support) is required. Work is only possible with
ECUs with the old protection system (the implementation of the new one began in mid-2020).

Module 94

Aisin TCU Bootloader

Aisin SH705x TCU (FLASH)
Aisin D70F4019 TCU (FLASH)
Aisin R7F701204/R7F701215/R7F701216 TCU (FLASH)
Aisin R7F7012xx TCU (FLASH)
Reading, writing, checksum correction
Aisin SH705x TCU (EEPROM)
Aisin D70F4019 TCU (EEPROM)
Aisin R7F701204/R7F701215/R7F701216 TCU (EEPROM)
Aisin R7F7012xx TCU (EEPROM)
Reading, writing

Module 95

Toyota/Lexus Gen 4
Direct connection to the ECU required!
LC300 3.3TD P5-UDS (F33A-FTV/R7F701216)
LC300/LX600/Tundra 3.5T P5-UDS (V35A-FTS/R7F702002)
LS500 3.5T P5-UDS (V35A-FTS/R7F702002)
Tundra 3.5T HV P5-UDS (V35A-FTS/R7F702002)
NX350/RX350/Highlander 2.0T, 2.4T P5-UDS (S24A-FTS/T24A-FTS/R7F702002)
ES200/Camry/Rav4/Wildlander 2.0L, 2.5L China P5-UDS (M20A/M20C/M20D/A25A/R7F702002)
LC250 2.7L P5-UDS (2TR-FE/R7F701216)
LC250 2.8TD P5-UDS (1GD-FTV/R7F701216)
RX450h/Camry/Corolla/Vellfire 2.0L, 2.5L HV P5-UDS (M20A/M20E/A25A/A25B/R7F701216)
Yaris GR 1.6T MCU #1 P5-UDS (G16E-GTS/R7F701216)
Reading, writing, no checksums

Module 97

China AECS/LinControl
DAM15KR/EA15MR/SWC14M (LinControl LEC4AF)
DAM16KL (LinControl LEC4AP)
JAC 2.0T HFC4GA3 (LinControl LEC4AF)
Reading, writing
JAC 1.5T HFC4GC1 (LinControl LEC4GD)
BAIC 1.5L R15C1 (AECS FC-34)
Changan 1.2L LJ469Q (AECS FC-34)
Changan 1.5L DAM15KL (AECS FC-34)
Dongfeng 1.5L L4A15Q6 (AECS FC-34)
Dongfeng/Fengxing 1.5T 4J15T (AECS FC-34)
Dongfeng/Fengxing 1.6L 4A92FR (AECS FC-34)
JAC 1.6L DAM16KL/HFC4GB3 (AECS FC-34)
JAC 1.8L, 2.0L, 2.0T LJ4A18Q6/LJ481Q/HFC4NA3 (AECS FC-34/FC-51)
Jinbei/SWM/Brilliance 1.5L SWC15M (AECS FC-34)
Jinlu/Jinlong 2.0L LJ481 (AECS FC-34)
King Long/Jinlong 1.8L LJ4A18 (AECS FC-34)
LDV/SAIC 1.5L LJ4A15 (AECS FC-34)
Nanjun 1.5L LJ4A15 (AECS FC-34)
SGMW 1.8L, 2.0L LJ479Q6/LJM20B (AECS FC-34/FC-50)
Shandong Kama 1.6L DAM16KR (AECS FC-34)
Xiamen Golden Dragon 1.8L LJ4A18 (AECS FC-34)
JAC 1.5T HFC4GC1 (LinControl LEC4GD) [Test]
BAIC 1.6L LQ475QMB (AECS FC-50)
Chery 1.5L DAM15KR (AECS FC-34)
Foton 1.5L DAM15KL (AECS FC-34)
Iran Khodro 1.7L EF7TC (AECS FC-34)
Reading, writing, checksum correction

Module 98

China Continental
Geely 01609492 (Easy U2)
SGMW 1.2L N12 (Easy U2.5)
SGMW 1.5L B15 (Easy U2W)
SGMW 1.5L N15A (Easy U3.6)
SGMW K-Line (SIM2K-D51/51.4/SCE60)

SGMW 1.5L N15T (Easy U3D/U3E)
Reading, writing, checksum correctionActive Licenses: 10 12 35 49 51 59 81 85 86 89 90 92 94 95 97 98

Module 10

Mazda 3rd generation (2012+)
Mazda: 1.5L, 2.0L, 2.5L SKYACTIV-G P5/PE/PY (Mazda3/CX5/6 SkyActiv Mitsubishi)
Mazda: 1.5L, 2.0L, 2.5L SKYACTIV-G P5/PE/PY (Mazda3/CX5/6 SkyActiv Denso)
Mazda: 2.5T SKYACTIV-G PY (Mazda CX9 SkyActiv Mitsubishi)
Mazda: 2.2L SKYACTIV-D SH (Mazda3/CX5/6 SkyActiv Denso)
Mazda: 1.6L Z6 (Denso)
Reading, writing, checksum correction.

Module 12

Honda/Acura CAN-bus
Honda: Honda PGM-FI Generic Read-Only
Honda: Honda AT/CVT/DCT Generic Read-Only
PGM-FI (Keihin SH7058/1MB)
PGM-FI (Keihin SH72543/2MB)
PGM-FI (Keihin SH72546/3.75MB)
PGM-FI (Keihin MPC5566/3MB)
PGM-FI (Keihin TC1782/2.5MB)
PGM-FI (Keihin TC275/4MB)
PGM-FI (Keihin TC277/4MB)
AT/CVT/DCT (Keihin 512KB)
AT/CVT/DCT (Keihin 1MB)
PGM-FI (Matsushita SH7058/1MB)
PGM-FI (Matsushita SH72543/2MB)
PGM-FI 2013+ (Matsushita SH72543/2MB) (Test)
PGM-FI (Panasonic TC179X/4MB)
AT/CVT/DCT (Matsushita 512KB) (Test)
Honda: PGM-FI (Continental MPC5554/2MB)
PGM-FI (Hitachi SH7058/1MB) (Test)
PGM-FI (Hitachi SH7059/1.5MB) (Test)
PGM-FI (Hitachi SH72543/2MB)
PGM-FI (Hitachi MPC5554/2MB) (Test)
AT/CVT/DCT (Hitachi SH72531/1280KB)
AT/CVT/DCT (Hitachi SH725x3/2048KB)
Reading, writing, checksum correction.
UDCT (Continental TC1782/2.5MB)
Writing, checksum correction.

Module 35

Toyota/Lexus/Scion/Hino
76F0038/39/40/70/85, MPC565/SH72512/SH72544 CAN-bus
76F0038/39/40/50/70/85, 70F4019 GearBox CAN-bus
76F0038/39/40/50/70/85 HV Control CAN-bus
76F0004/23/38/39/40/70/85, MPC565 K-Line
Reading, Writing, checksum correction.

Module 49

Toyota/Lexus/Scion/Hino Gen 2 (supplement)
76F0196/198/199/219 Bootloader
76F0199 Gearbox Bootloader
76F0196 HV Control Bootloader
Reading, writing, checksum correction
Tested with the following adapters Scanmatik 2/Pro/3, Mongoose Pro MFC, Tactrix Openport 2.0. A boot bench cable or Powerbox for PCMflash is required for automatic power and boot pin control.

Module 51

China
Great Wall/Lifan ME17 (ME17.8.8)
Chery 1.5L/1.6L/2.0L D4G15/E4G16/SQR484 (ME17.8.8)
Chery 2.0L D4G20 (ME17.8.8)
Chery 1.5L/1.5T/2.0T E4G15C/E4T15C/D4T20 (ME17U6)
Chery 1.6T F4J16 (MED17.8.10)
Jetour 1.6T F4J16 (MED17.8.10)

GAC 1.5T/2.0T 4A15M1/4B20M1 (ME17.8.8.1) [Test]
Great Wall/Haval MED17 (MED17.8.10)
Geely ME17 (ME17.8.8.1) [RD/WR/CK] reading requires direct connection to the ECU
Geely 1.8T MED17 (MED17.8.10/TC1728)
Geely 1.5T MED17 (MED17.8.10/TC1782)
MG MED17 (MED17.8.10)
SGMW 1.5L B15 (ME17U6/ECU6.1)
BAIC 2.0T (Delphi MT62.1)
BAIC 2.0T (Delphi MT95.1)
Chevrolet 1.5L Aveo/Sail 3 (ME17.8.8)
Changan 1.5L (Delphi MT62.1)
Changan CS35PLUS 1.6L, Eado 1.5T (Delphi MT92.1)
Changan CS75PLUS 1.5T (Delphi MT92.1E)
Changan 1.5T (Delphi MT95.1)
Changfeng 2.0T (Delphi MT62.1)
Chery 1.6L (Delphi MT62.1)
Chery 1.5T PHEV (Delphi MT62.3) [Test]
Dayun 2.4T 4K22D4T (Delphi MT62.1U)
Dongfeng 2.0T (Delphi MT92)
Dongfeng/Fengon 2.0L (Delphi MT62/MT62.1)
Dongfeng/Fengon 1.5T (Delphi MT62.3)
Dongfeng/Fengon 1.8L (Delphi MT22.3)
Dongfeng/Fengxing 2.0L (Delphi MT62.1)
Dongfeng/Fengshen 1.5T (Delphi MT62.1U)
Dongfeng/Fengshen 1.5T (Delphi MT62.3)
Dongfeng/Nazhijie 1.8T (Delphi MT62.1)
Dongfeng/Oting 2.4L (Delphi MT62.1U)
Foton 2.4L (Delphi MT62.1U)
Foton 2.0L (Delphi MT95.1)
GAC 2.0T 4B20J1D (Delphi MT92.1)
GAC 2.0T 4B20J1D (Delphi MT95.1)
Geely/Great Wall/LuxGen MT80 K-Line
Geely/Great Wall/LuxGen MT80 CAN-bus
Great Wall 2.4L (Delphi MT62.1U)
Great Wall/Haval 1.5T, 2.0T (Delphi MT92/MT92.1)
Great Wall/Tank 3.0T Master/Slave (Delphi MT95.1)
Huanghai 2.4T (Delphi MT62.1)
JAC 1.5T (Delphi MT62.1)
JAC 1.5T (Delphi MT92.1E)
Lifan 1.8L (Delphi MT22.3)
Oting 2.0T (Delphi MT95.1)
SGMW 1.5T 280T (Delphi MT92.1)
Southeast 1.5L (Delphi MT22.3)
Southeast 1.5T (Delphi MT62.1)
Zotye 2.0T (Delphi MT62.1)
GAC 1.5T 4A15J1 (ME17U6/UP6.0)
GAC 1.5T 4A15J1 (MED17.8.10)
Chery 1.5T PHEV (Delphi MT62.3)
BAIC 2.4T 4K22D4T (Delphi MT62.1U)
Dongfeng/Oting 1.8T (Delphi MT92.1)
Jinbei 2.0L 1TZS (Delphi MT62.1)
Jinbei 1.6L SWDC16M (Delphi MT62.1U)
Junma/Traum 1.5T SFG15T (Delphi MT62.1)
SAIC 2.0L 1TZH (Delphi MT62.3)
Reading, writing, checksum correction.

Module 59

Renault/Nissan UDS
1.2T EMS3155 UDS (TC1782/2.5MB)
1.5L dCi SID309 UDS (TC1767/2MB)
1.5L, 2.3L dCi SID310 UDS (TC1791/3MB)

1.6L dCi EDC17C84 UDS (TC1782/2.5MB)
1.8T, 2.0T Hitachi UDS (RH850/4MB)
1.5T Delphi MT92.1E UDS (TC265/2.5MB)
Reading, writing, checksum correction.
1.6L dCi EDC17C84 UDS (Injectors)
Reading, writing.

Module 81

JLR Gearbox
ZF 6HP26/6HP28 TCM (MPC5xx/TC1766)
ZF 8HP70 TCM (SH725xx)
ZF 8HP45/8HP70 TCM (TC2xx)
ZF 9HP48 TCM (TC1782)
ZF 6HP28 Continental TCM (TC1766) [AH42-Ax]
AWF21 Freelander 2/Evoque TCM [Test]
Reading, writing, checksum correction.
ZF 9HP48 TCM EEPROM (TC1782)
ZF 6HP28 Continental TCM (TC1766) EEPROM [AH42-Ax]
Reading, writing.

Module 85

Ford Gearbox
6HP26 TCM
6HP26 TCM
5R110 TCM (BlackOak/448KB)
5R110 TCM (GreenOak/512KB)
5R110 TCM (SilverOak/2MB)
6R80/6R140 TCM [BC3A]
6F55/8F40/10R80/10R140 TCM [HC3A/HL3A/JL3A/JX6A/LC4A]
8F40/10R80/10R140 TCM [K1GA/K2GA/LC3A/LK4A]
Reading, writing, checksum corrections

Module 86

China Gearbox
Changan Alsvin 5DCT (EAST80.51/SPC563M)
Chery CVT19 (EAST80.11/MPC5534)
Chery CVT18/CVT25 (EAST80.13/SPC563M)
Chery/Exeed VX 8AT 2023MY (Aisin 845AHA)
Virtual reading, writing, checksum correction
Changan Alsvin 5DCT Bootloader (EAST80.51/SPC563M)
Chery CVT25 Bootloader (EAST80.13/SPC563M)
Reading, checksum correction
Geely DSI 6AT
GAC 7WDCT (ATDG-81-9.4)
Huanghai A8R50 (ATDG-81-9.4)
Changan DF733 (ATDG-81-9.4)
Reading, writing, checksum correction
Geely Coolray 7DCT330
Haval 7DCT450 (EAST80.D1)
Haval 7DCT300 (HYCET)
reading, reading, writing, checksum correction

Module 89

China MG1
Changan 1.4T, 1.5T, 2.0T (UD8/MG1US008)
Chery/Exeed 2.0T F4J20 (MG1US008)
Great Wall/Haval 1.5T, 2.0T (MG1US008)
Haval Jolion 1.5T (MG1UA008)
JAC J7 1.5T (UP8/MG1UA008)
FAW 1.5T, 2.0T (UD8/MG1US008)
Ranger 2.3L Ecoboost China (MG1US008) [P3N9]
Geely 1.5L (MG1UA008)
SWM 1.5T (MG1UA008)
Geely/Livan 1.5T (MG1US708) [Test]

BAIC 1.5L A151A1 (MG1UA008)
JAC T9 2.0T (UD8/MG1US008)
DongFeng 1.5T (UP8/MG1US008)
SGMW 1.5L/1.5T N15A/N15T (MG1UA008)
Reading, writing, checksum correction.

Module 90

China DCM6.2AP/DCM7.1AP/DCM7.24
BAIC 2.0L TD (DCM6.2AP)
BAIC 2.0L TD EEPROM (DCM6.2AP)
Dongfeng 2.3L TD (DCM7.1AP)
Dongfeng/Yuchai 2.4L TD (DCM7.1AP)
Great Wall/Haval 2.0L TD (DCM6.2AP)
Great Wall/Haval 2.0L TD (DCM7.1AP)
JAC 2.0L TD (DCM6.2AP)
Qingling/Isuzu 3.0L TD (DCM6.2AP)
Qingling/Isuzu 3.0L TD (DCM7.1AP)
Trucks (DCM6.24) [Test]
JCB 4.4L, 4.8L TD (DCM7.24)
Changan 2.0L TD (DCM7.1AP)
Foton/Vanche/Yuchai 2.4L TD (DCM7.24)
Jiangling/Isuzu 2.8L TD (DCM7.1AP)
JAC 2.0L TD EEPROM (DCM6.2AP)
Reading, writing, checksum correction.
JCB 4.4L, 4.8L TD EEPROM (DCM7.24)
Foton/Vanche/Yuchai 2.4L TD EEPROM (DCM7.24)
Great Wall/Haval 2.0L TD EEPROM (DCM7.1AP)
Reading, writing

Module 92

Bosch MD1/MG1 Bootloader
MD1/MG1 FLASH (SPC572L/SPC5777M/SPC58/TC275TP/TC277TP/TC298TP/TC299TP/TC387QP/TC399XP)
MD1/MG1 FLASH (SPC572L/SPC574K/SPC5777M/SPC58/TC275TP/TC277TP/TC298TP/TC299TP/TC387QP/TC399XP)
T93 SPC5888
Reading, writing, checksum corrections
MD1/MG1 EEPROM (SPC572L/SPC5777M/SPC58/TC275TP/TC277TP/TC298TP/TC299TP/TC387QP/TC399XP)
MD1/MG1 EEPROM (SPC572L/SPC574K/SPC5777M/SPC58/TC275TP/TC277TP/TC298TP/TC299TP/TC387QP/TC399XP)
Reading, writing
Note: Scanmatik 2 PRO or Dialink (partial support) is required. Work is only possible with
ECUs with the old protection system (the implementation of the new one began in mid-2020).

Module 94

Aisin TCU Bootloader
Aisin SH705x TCU (FLASH)
Aisin D70F4019 TCU (FLASH)
Aisin R7F701204/R7F701215/R7F701216 TCU (FLASH)
Aisin R7F7012xx TCU (FLASH)
Reading, writing, checksum correction
Aisin SH705x TCU (EEPROM)
Aisin D70F4019 TCU (EEPROM)
Aisin R7F701204/R7F701215/R7F701216 TCU (EEPROM)
Aisin R7F7012xx TCU (EEPROM)
Reading, writing

Module 95

Toyota/Lexus Gen 4
Direct connection to the ECU required!
LC300 3.3TD P5-UDS (F33A-FTV/R7F701216)
LC300/LX600/Tundra 3.5T P5-UDS (V35A-FTS/R7F702002)
LS500 3.5T P5-UDS (V35A-FTS/R7F702002)
Tundra 3.5T HV P5-UDS (V35A-FTS/R7F702002)
NX350/RX350/Highlander 2.0T, 2.4T P5-UDS (S24A-FTS/T24A-FTS/R7F702002)
ES200/Camry/Rav4/Wildlander 2.0L, 2.5L China P5-UDS (M20A/M20C/M20D/A25A/R7F702002)
LC250 2.7L P5-UDS (2TR-FE/R7F701216)

LC250 2.8TD P5-UDS (1GD-FTV/R7F701216)
RX450h/Camry/Corolla/Vellfire 2.0L, 2.5L HV P5-UDS (M20A/M20E/A25A/A25B/R7F701216)
Yaris GR 1.6T MCU #1 P5-UDS (G16E-GTS/R7F701216)
Reading, writing, no checksums

Module 97

China AECS/LinControl
DAM15KR/EA15MR/SWC14M (LinControl LEC4AF)
DAM16KL (LinControl LEC4AP)
JAC 2.0T HFC4GA3 (LinControl LEC4AF)
Reading, writing
JAC 1.5T HFC4GC1 (LinControl LEC4GD)
BAIC 1.5L R15C1 (AECS FC-34)
Changan 1.2L LJ469Q (AECS FC-34)
Changan 1.5L DAM15KL (AECS FC-34)
Dongfeng 1.5L L4A15Q6 (AECS FC-34)
Dongfeng/Fengxing 1.5T 4J15T (AECS FC-34)
Dongfeng/Fengxing 1.6L 4A92FR (AECS FC-34)
JAC 1.6L DAM16KL/HFC4GB3 (AECS FC-34)
JAC 1.8L, 2.0L, 2.0T LJ4A18Q6/LJ481Q/HFC4NA3 (AECS FC-34/FC-51)
Jinbei/SWM/Brilliance 1.5L SWC15M (AECS FC-34)
Jinlu/Jinlong 2.0L LJ481 (AECS FC-34)
King Long/Jinlong 1.8L LJ4A18 (AECS FC-34)
LDV/SAIC 1.5L LJ4A15 (AECS FC-34)
Nanjun 1.5L LJ4A15 (AECS FC-34)
SGMW 1.8L, 2.0L LJ479Q6/LJM20B (AECS FC-34/FC-50)
Shandong Kama 1.6L DAM16KR (AECS FC-34)
Xiamen Golden Dragon 1.8L LJ4A18 (AECS FC-34)
JAC 1.5T HFC4GC1 (LinControl LEC4GD) [Test]
BAIC 1.6L LQ475QMB (AECS FC-50)
Chery 1.5L DAM15KR (AECS FC-34)
Foton 1.5L DAM15KL (AECS FC-34)
Iran Khodro 1.7L EF7TC (AECS FC-34)
Reading, writing, checksum correction

Module 98

China Continental
Geely 01609492 (Easy U2)
SGMW 1.2L N12 (Easy U2.5)
SGMW 1.5L B15 (Easy U2W)
SGMW 1.5L N15A (Easy U3.6)
SGMW K-Line (SIM2K-D51/51.4/SCE60)
SGMW 1.5L N15T (Easy U3D/U3E)
Reading, writing, checksum correction