

PCMflash software modules

Legend: **RD** – reading, **VR** – virtual reading (converter or stock roms), **WR** – writing, **CK** – checksum correction/checking, **NC** – checksum not applicable

Module 1

Ford Focus 3

Ford Focus 3: 1.6L Sigma Ti-VCT 85/105/125PS (EMS2204)
Ford Focus 3: 2.0L Duratec GDI Ti-VCT 150/170PS (MED17)
Ford Focus 3 ST: 2.0L Ecoboost GTDI 250PS (MED17)
Ford Focus 3: 1.6L, 2.0L PowerShift TCM (6DCT250)
Reading, writing, checksum correction.

Module 2

Ford Kuga 2, Ford Explorer 2011+

Ford Focus 3: 1.0L Ecoboost 2015+ GTDI 100/125PS [FV6A] (MEDG17)
Ford Kuga 2: 1.6L Ecoboost GTDI AWD 150/182PS (MEDG17)
Ford Mondeo 5: 1.5L Ecoboost GTDI AT 150/180PS (MEDG17)
Ford Mondeo 5: 2.0L Ecoboost GTDI 200PS (MEDG17)
Ford Explorer 2011-: 3.5L Ecoboost V6 GTDI 360PS (MEDG17)
Ford Kuga 2: 2.5L Duratec Ti-VCT 150/171PS
Ford Mondeo 5: 2.5L Duratec Ti-VCT 150/171PS
Ford Explorer 2011-: 3.5L Cyclone V6 Ti-VCT 294PS
Reading, writing, checksum correction.

Module 3

Diesel engines 2.0L, DCM3.5/DCM6.1/SID206

Ford Focus 3: 2.0L DW10C STAGE 5 140/163PS (DCM3.5)
Ford Kuga 1: 2.0L DW10C STAGE 5 140/163PS (DCM3.5)
Ford Kuga 2: 2.0L DW10C STAGE 5 140/163PS (DCM3.5)
Ford Mondeo 4: 2.0L DW10C STAGE 5 140/163PS (DCM3.5)
Virtual reading, writing, checksum correction.

Ford Mondeo 4: 1.8L Lynx, 2.0L DW10C STAGE 4 (SID206)
Ford Mondeo 5: 2.0L DW10F STAGE 5/6 150/180PS (DCM6.1)
Ford Focus 2: 1.8L, 2.0L Duratorq Lynx/DW10C (SID202/SID206)
Reading, writing, checksum correction.

Module 4

Petrol engines 1.25-1.6L, Ford Fiesta 2008+, Ford Mondeo 4

Ford Fiesta: 1.25L, 1.4L Sigma Ti-VCT (EMS2102)
Ford Fiesta: 1.6L Sigma Ti-VCT (EMS2101)
Ford Fiesta: 1.6L Sigma Ti-VCT USA [AE81] (EMS2205)
Ford Mondeo 4: 1.6L Sigma Ti-VCT 110/125PS (EMS2101)
Reading, writing, checksum correction.

Module 5

Petrol engines 1.6L, 2.0L, Ecoboost T-PROT7

Ford Focus 3: 1.6L Ecoboost GTDI 150/180PS (MED17)

Ford Mondeo 4: 2.0L Ecoboost GTDI 200/240PS (MED17)

Reading, writing, checksum correction. VBF writing and VBF to BIN conversion is supported!

Module 6

Petrol Engines 1.0, 1.6L, Ecoboost T-PROT12

Ford Focus 3: 1.0L Ecoboost GTDI 100/125PS (MED17)

Ford Kuga 2: 1.6L Ecoboost GTDI FWD 150PS (MED17)

Ford Fiesta: 1.0L Ecoboost GTDI 100/125PS (MED17)

Reading, writing, checksum correction. VBF writing and VBF to BIN conversion is supported!

Module 7

Ford Transit/Tourneo/Ranger, Land Rover Defender

Ford Transit 2007: 2.2L, 2.4L Diesel 85/100/115/140PS (DCU101-108, DCU201-208)

Ford Ranger: 2.5L Duratec (EMS2219) [GB3A]

Reading, writing, checksum correction.

Ford Transit 2012: 2.2L, 2.4L Diesel 100/125/140/155PS (SID208)

Land Rover Defender 2012: 2.2L TD4 (SID208))

Ford Ranger: 2.2L, 3.2L Diesel (SID209) [CK4A]

Writing after unlocking in BSL or via OBD ,checksum correction.

Ford Transit 2012: 2.2L Diesel 100/125/140/155PS (SID208/BSL)

Ford Ranger: 3.2L Diesel (SID209/BSL)

Reading.

Ford Transit: 2.0L Diesel (SID211) [Unlocked]

Writing after unlocking via OBD, or in BSL with Module 53, checksum correction.

Module 8

Mazda 1st generation (2004–2008/10)

Mazda: 1.6L Z6 AT (Mazda3 2004+)

Mazda: 1.6L Z6 MT (Mazda3 2004+)

Mazda: 1.3L ZJ (Mazda Demio 2003+)

Mazda: 1.8L, 2.0L, 2.3L L8/LF/L3 (Mazda3/6/CX7 2003+)

Mazda: 1.3L N3 (Mazda RX8 2003+)

Mazda: 1.3L N3 (Mazda RX8 -2008)

Mazda: 1.3L N3 (Mazda RX8 2009–2012)

Mazda: 2.0L LF USA (Mazda3 -2009/1MB)

Mazda: Melco TCM (Mazda5/6 512KB)

Mazda: Aisin TCM (Mazda MX5 512KB)

Reading, writing, checksum correction.

Module 9

Mazda 2nd generation (2008/10-2012/13)

1.3L, 1.5L ZJ/ZY (Mazda2 2011+)
1.5L ZY (Mazda2 US 2011+)
1.6L Z6 (Mazda3 2010+)
1.8L, 2.0L, 2.5L L8/LF/L5 (Mazda6 2008+)
2.0L, 2.3L, 2.5L LF/L3/L5 (Mazda3/5/CX7 2010+)
2.0L LF (Mazda Biante 2013+/2MB)
Reading, writing, checksum correction.

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 13

Honda/Acura K-Line

Honda: Accord 7 2003-2005 (Matsushita RBA/RBB SH7055/512KB)
Honda: Accord 7 2006-2007/TSX 2004-2005 (Matsushita RBA/RBB SH7055/512KB)
Acura: TSX 2006 (Matsushita RBB A56-A62 SH7058/1MB)
Honda: Accord/CR-V/Element/Legend/Odyssey/Ridgeline (Keihin SH7058/1MB)
Honda: Element/Inspire (Keihin SH7055/512KB)
Honda: Legend/Acura TL 2005-2007 (Keihin RJA SH7058/1MB)
Honda: CR-V 2002/2005-2007 (Keihin PPA/PNL SH7058/1MB)
Honda: Fit/Jazz/Airwave 2001-2007 (Keihin OKI ML66Q592/192KB)
Acura: MDX 2003-2007 (Motorola RDJ SH7055/512KB)
Honda: Accord 7 USA (Motorola RCA SH7055/512KB SH7058/1024K)
Only writing, checksum correction. Stock files database included!

Module 14

Petrol engines 1.6L, 2.0L, 2.3L, 2.5L Ford Mondeo 4

Ford Mondeo 4: 1.6L Sigma Ti-VCT 110/125PS (EMS2101)
Ford Mondeo 4: 2.0L Duratec HE (ESU312 Galaxy/S-Max 2006)
Ford Mondeo 4: 2.0L, 2.3L Duratec HE (ESU412/415)
Reading, writing, checksum correction.

Ford Mondeo 4: 2.5L Duratec I5 225PS (ME9.0)
Only writing, checksum correction. VBF writing and VBF to BIN conversion is supported!

Module 15

Nissan/Infiniti K-Line

EFI SH705415N (Hitachi SH7054/384KB)
EFI SH705507N (UJ/Hitachi SH7055/512KB)
EFI SH705513N (Hitachi SH7055/512KB)
EFI SH705520N (Hitachi SH7055/512KB)
EFI SH705821N (Hitachi SH7058/1MB)
EFI SH705823N (Hitachi SH7058/1MB)
EFI SH705524N Almera Classic (Hitachi SH7055/512KB)
EFI SH705529N Almera Classic (Hitachi SH7055/512KB)
EFI SH705826N (Hitachi SH7058/1MB)
Reading, writing, checksum correction.

Module 16

Subaru Hitachi

Forester, Impreza, Legacy 2000-2002 K-Line (UJ WA12212920/128KB)
Forester, Impreza, Legacy 2000-2002 K-Line (UJ WA12212930/256KB)
Forester, Impreza, Legacy 2002-2005 K-Line (UJ/Hitachi WA12212940/384KB)
Forester, Impreza, Legacy 2002-2005 K-Line (UJ/Hitachi WA12212970/512KB)
Reading, writing.

Forester 2006, Impreza 2006-2007 K-Line (Hitachi WA12212970WWW/512KB)
Forester 2007-2008, Impreza 2008+, Legacy 2006+ CAN (Hitachi WA12212970WWW/512KB)
Forester 2009-2011/Legacy 2010-2011 CAN (Hitachi SH7058/1MB)
Forester 2013+ CAN (Hitachi SH7059/1.5MB)
Forester 2013+ CAN (Hitachi SH7254/2MB)
Reading, writing, checksum correction.

Module 17

Volkswagen K-Line

1.6L CFNA/CFNB/CLRA 7GV K-Line (Marelli 7GV/832KB)
1.4L CGGB K-Line (Marelli 7GVE/832KB)
1.6L BFQ K-Line (Simos 3.3A/512KB)
1.4L BUD/BXW/CGGA/CGGB K-Line (Marelli 4HV/832KB)
1.6L BSA/BSE/BSF Calibration K-Line (Simos 7.1/512KB)
1.6L BSA/BSE/BSF Calibration K-Line (Simos 7PP/1MB)
1.2L BME/BZG/CGPA Calibration K-Line (Simos 9.1/512KB)
Reading, writing, checksum correction.

Module 18

Nissan/Infinity CAN-bus

EFI Generic Read-Only (Hitachi)
EFI SH705519N (Hitachi SH7055/512KB)
EFI SH705822N, SH705828N (Hitachi SH7058/1MB)
EFI SH705927N (Hitachi SH7059/1.5MB)
EFI SH725331N (Hitachi SH72531/1.25MB)
EFI S7253332N (Hitachi SH72533/2MB)
Koleos/Latitude 2.5 SH705822N (Hitachi SH7058/1MB)
Koleos 2 2.5L S7253332N (Hitachi SH72533/2MB)
Reading, writing, checksum correction.

Module 19

Kia/Hyundai

Kia/Hyundai: 1.4L, 1.6L (M(G)7.9.8)
Kia/Hyundai: 1.1L-1.6L (M(G)7.9.7)
Only writing, checksum correction.

Kia/Hyundai: 1.4L, 1.6L (ME17.9.11/12/13)
Kia/Hyundai: 1.4L, 1.6L (ME(G)17.9.21)
Kia/Hyundai: 1.6L, 3.0L (ME17.9.2/ME(D)(G)17.9.8)
Reading, writing, checksum correction.

Module 20

Ford Focus 2/Fiesta/Fusion (automatic transfer for VID area)

Ford Focus 2: 1.4L, 1.6L Duratec 85/100/115PS (SIM28/29)
Ford Focus 2: 1.8L, 2.0L Duratec HE 125/145PS (ESU131/411/418)
Ford Focus 2: 1.8L, 2.0L Duratorq Lynx/DW10C (SID202/SID206)
Ford Fiesta/Fusion: 1.4L, 1.6L Duratec 85/100PS (SIM210)
Ford Focus 2 ST: 2.5L Duratec I5 225PS (ME9.0)
Reading, writing, checksum correction.

Ford Focus 2 RS: 2.5L Duratec I5 305PS (ME9.0)
Ford Kuga 1: 2.5L Duratec I5 200PS (ME9.0)
Writing, checksum correction.

Module 21

Ford USA (automatic transfer for VID area)

Mazda6 3.0L AJ 2003-2005
Escape, Explorer, Mazda CX9 -2009 (PCM150F)
Explorer, Mazda CX9 2010-2011/2012 (M799G)
Focus 2008-2011 (GreenOak/PCM190)
Escape, Mariner, Tribute 2009-2011 (9L8A)
Ford F350 6.0L (BlackOak/PCM122/448KB)
Expedition, Navigator 5.4L (Bosch ME9.8/2048KB)
F-150 5.4L (Bosch MEG9.8.1/2536KB)
Reading, writing, checksum correction

Mustang 2005-2009 (PCM170F)
Reading, writing.

Module 22

Renault

Valeo V40/V42 (SH7058/1024KB)
Sagem 3000 (SH7055/512KB)
EMS3110 (TC1766/1504KB)
Logan, Sandero, Fluence, Megane, Almera EMS3120 (TC1738/2048KB)
Duster, X-Ray EMS3125 (TC1782/2560KB)
Clio 4 1.6T EMS3150 (TC1767/2048KB)
Nissan: Juke 1.2T EMS3155 (TC1782/2560KB)
Reading, writing, checksum correction.

Module 23

Subaru Denso

2.5L, 3.0L, 2.0T, 2.5T Denso 2003+ K-Line (SH7055/512KB)
2.5L, 3.0L, 2.0T, 2.5T Denso 2003+ K-Line (SH7055S/512KB)
2.5L, 3.0L, 2.0T, 2.5T Denso 2003+ K-Line (SH7058/1MB)
2.5L, 3.0L, 2.0T, 2.5T Denso 2007+ CAN-bus (SH7058S/1MB)
2.0L, 2.5L, 3.0L, BRZ Denso 2013+ CAN-bus (SH72531/1.25MB)
1.6L, 2.0L DI Denso 2018-2021 CAN-bus (1N83M/1.5MB)
Forester 2.5L DI Denso 2018-2021 CAN-bus
Outback/Legacy 2.5L DI Denso 2019-2021 CAN-bus
2.0L Denso Diesel Euro 4 CAN-bus (SH7058S/1MB)
2.0L Denso Diesel Euro 5 CAN-bus (SH7059/1.5MB)
2.0L Denso Diesel Euro 6 CAN-bus (SH72543/2MB)
Reading, writing, checksum correction.

Module 24

Mitsubishi CAN-bus

MH Generic Read-Only
Colt MT (MH8304F/512KB)
Colt AT (MH8304F/768KB)
Colt RallyArt 1.5T (MH8104F/512KB)
Pajero AT (2007-) (MH8304F/768KB)
Pajero Sport (2010-) (MH8106F/1MB)
L200 2.4L MT (2008-) (MH8302F/512KB)
Lancer X 1.5L (2007-), Outlander XL JDM (MH8104F/512KB)
ASX (-2013), Lancer X 1.6/1.8/2.0L, Outlander XL (MH8106F/1MB)
ASX (2013-), Mirage, Outlander 3 (2013-) (MH8115F/1.25MB)
Galant 9 2.4L (2005-) (MH8304F/768KB)
Pajero MT (2007-) (MH8302F/512KB)
Eclipse Cross (2018-) (MH8601/4MB) (MH8115F/1.25MB)
Expander (2018-) (MH8611/2MB)
Outlander 2.4L (Delphi SPC563M/1.5MB)
Reading, writing, checksum correction.

Module 25

Renault/Nissan 1.5dCi

1.5L dCi Delphi DCM 1.2 (ST10/512KB)
1.5L dCi Delphi DCM 3.4 (SH7059/1536KB)
1.5L dCi SID 301/303/304 (MPC562/2MB)
1.5L dCi SID 305/306 (TC1766/1504KB)
1.5L dCi SID 307 (TC1767/2MB)
2.3L dCi SID 309 (TC1767/2MB)
Nissan Juke 1.5L dCi SID 310 (TC1767/2MB)
Reading, writing, checksum correction.

Module 26

Mitsubishi Diesel CAN-bus

Denso Diesel (SH7058/SH7058S/1MB SH7059/1.5MB SH72543/2MB)
Reading, writing, checksum correction.

Module 27

Nissan CAN-bus 2nd generation

EFI SH72533 Gen 2 (2014+) Calibration (Hitachi SH72533/2MB)
Renault Samsung 1.6T (Hitachi SH72533/2MB)
Reading, writing, checksum correction.

Module 28

VAZ/UAZ

Priora, Kalina 1.6L/16V, Niva 1.7L (M(E)17.9.7)
Patriot/Hunter/Bukhanka 2.7L (M(E)17.9.7)
Reading, writing, checksum correction.

Module 29

Ford PWM (Ford VCM2 or Scanmatik is required)

Mondeo 3 1.8L, 2.0L, 2.5L, 3.0L Duratec HE (LEVANTA)
EEC-V 216K (EEC-V)
3.0L, 4.0L, 4.6L Duratec V6/V8 (PCM150)
1.8L, 2.0L, 2.2L Duratorq TDCi (Delphi)
Jaguar X 2.2L Duratorq TDCi DPF (Delphi) [9X43]
Reading, writing, checksum correction

1.8L, 2.0L, 2.2L Duratorq TDCi (Visteon)
Reading, writing

Module 30

Kia/Hyundai SIM2K

2.0L, 2.4L (SIM2K-140)
2.0L, 2.5L (SIM2K-D160)
2.0L, 2.4L (SIM2K-141/142/341)
2.0L (SIM2K-C201)
2.0L, 2.0T (SIM2K-240/241/242/245)
Reading, writing, checksum correction.

Module 31

Mitsubishi K-Line

K-Line/Bootloader (MH720xF/MH810xF/MH820xF/MH830xF/MH8115)
Reading, writing, checksum correction.

Module 32

Ford Focus 3 2015, Ford Explorer 2016, Ford Kuga 2 2017

Ford Fiesta: 1.0L Ecoboost GTDI 100/125PS [C1BA] (MED17)
Ford Focus 3 2015: 1.0L Ecoboost 2015+ GTDI 100/125PS [DA6A] (MED17)
Ford Focus 3 2015: 1.5L Ecoboost 2015+ GTDI 150/180PS [FV6A] (EMS2510/EMS2511)
Ford Kuga 2 2017: 1.5L Ecoboost 2015+ GTDI 150/180PS [FV6A] (EMS2510/EMS2511)
Ford Explorer 2016: 3.5L Cyclone V6 Ti-VCT 249/294PS (2016)
Ford Mondeo 5: 1.5L Ecoboost GTDI MT 150/180PS (MED17)
Ford Mondeo 5: 2.5L Duratec Ti-VCT 150/171PS [GV6A] (EMS24XX)
Ford Kuga 3: 2.5L Duratec Hybrid [LV4A] (EMS2701)
Reading, writing, checksum correction.

Module 33

Ford EcoSport/Fiesta 2015+

2.0L Duratec HE 140PS (IAW 7GFR.HR)
1.6L Sigma Ti-VCT 85/105/110/122PS (EMS2211)
1.6L Sigma Ti-VCT USA [C1BA] (EMS2214)
1.6L Sigma Ti-VCT China [FD8A] (EMS2215)
Reading, writing, checksum correction.

Module 34

Kia/Hyundai EDC15/EDC16

2.0L, 2.5L CRDI K-Line (EDC15C7)
2.0L, 2.2L, 2.5L CRDI K-Line Calibration (EDC16C39)
3.0L CRDI K-Line Calibration (EDC16CP34)
Reading, writing, checksum correction.

2.0L, 2.2L, 2.5L CRDI (EDC16C39)
3.0L CRDI (EDC16CP34)
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
Virtual Reading, Writing, checksum correction.

Module 36

Kia/Hyundai EDC17

1.6L, 2.0L CRDI (EDC17C08/TPROT3)
2.0L, 2.2L CRDI (EDC17CP14/TPROT3)
2.0L, 2.2L CRDI (EDC17CP14/TPROT11)
1.6L, 2.0L CRDI (EDC17C53)
2.2L CRDI (EDC17C57) (after unlocking with Module 53 or 71)
2.0L, 2.2L, 3.0L AdBlue CRDI (DCU17PC42/DCU17PC43) (writing after unlocking with Module 53 or 71)
Reading, writing, checksum correction.

Module 37

UAZ EDC16

Patriot/Hunter 2.2L ZMZ 5143.1 (EDC16C39-6.H1)
Writing, checksum correction.

Patriot 2.3L Iveco F1A (EDC16C39-5.A3)
Reading, writing, checksum correction.

Module 38

Renault K-Line

Duster 1.6L 2WD EMS3130 (ST10/512KB)
EMS3132 MT (C167/256KB)
EMS3134 AT (C167/512KB)
Sagem 3000 (SH7055/512KB)
Sirius 35 (C167/512KB)
Reading, writing, checksum correction.

Module 39

VAZ/UAZ ME17.9.71

UAZ: Patriot/Hunter/Bukhanka 2.7L (ME17.9.71)

VAZ: Niva 1.7L (ME17.9.71)

Reading, writing after unlocking, checksum correction.

ME17.9.71 (TC1724/BSL)

Reading.

Module 40

Kia/Hyundai SIMK

2.0L, 2.7L K-Line (SIMK-41/43)

2.0L, 2.4L CAN (SIMK-43/SIM2K-47)

Reading, writing, checksum correction.

Module 41

Scania EMS S6

Scania EMS/EDC S6 250Kbps (MPC555)

Scania EMS S6 500Kbps (MPC555)

Reading, writing, checksum correction.

Module 42

Denso SH705X Bootloader

SH7055/SH7058(S)/SH7059 FLASH (512KB/1024KB/1536KB)

Jaguar XE/F 2.0L Ingenium GTDI (MED17.9.9)

Reading, writing, checksum correction.

Mazda3 Z6 -2009 SH7055/SH7058 EEPROM (56)

Mitsubishi/Nissan/Subaru Diesel SH7058(S)/SH7059 EEPROM (86)

Subaru Metal-Case SH7055/SH7058 EEPROM (56)

Subaru Plastic-Case SH7058 EEPROM (86)

Subaru Plastic-Case SH7058S EEPROM (56)

Subaru Plastic-Case SH7058S EEPROM (86)

Suzuki Liana/Jimny SH7055 EEPROM (56)

Suzuki SH7055/SH7058 EEPROM (56)

Suzuki SH7058S EEPROM (56)

Volvo SH7058 EEPROM (56)

Opel 1.7L CDTI SH7058/SH7059 EEPROM (86)

Trucks SH7058(S)/SH7059 EEPROM (25A320/640/128)

Jaguar X 2001-2008, S/XJ/XK 2003-2006 SH7055 FLASH (512KB)

Jaguar X 2001-2008, S/XJ/XK 2003-2006 SH7055 EEPROM (86)

Reading, writing.

Module 43

JLR

Discovery 3 2.7L TDV6 (SID201/SID204)
Range Rover 3.6L TDV8 (SID203)
Range Rover 2010+ 3.6L TDV8 (SID203)
Jaguar S/XF/XJ (X200/X250/X350) 2.7L TDV6 (SID204)
Discovery 4 2.7L TDV6 (SID204)
Territory 2.7L Duratorq V6 (SID204)
Freelander 2/Evoque/Discovery Sport 2.2L I4 Diesel (EDC17CP42)
Ford Mondeo 4 2.2L DW12C STAGE 5 (EDC17CP42)
Freelander 2 2.2L I4 Diesel (EDC16CP39)
Freelander 2/Evoque 2.0L Ecoboost GTDI (MED17)
Jaguar XF (X250) 2.0L Ecoboost GTDI (MED17.9.7)
Jaguar XE/F 2.0L Ingenium GTDI (MED17.9.9)
Jaguar XJ/Range Rover (X351/L405/L494) 3.0L V6/5.0L V8 SC (MED17.8.31)
Jaguar XE/XJ/F/Range Rover (X152/X351/X760/X761/L405/L494) 5.0L V8 SC (MED17.8.32)
Range Rover Velar (L560) 3.0L V6 SC (MED17.8.32)
Evoque/Discovery Sport/Velar/Defender 2.0L Diesel (MED17.9)
Jaguar/Range Rover 3.0L V6, 4.4L V8 Diesel (EDC17CP55)

Reading, writing, checksum correction.

Module 44

Scania EMS S7/S8

Scania EMS S7 250Kbps (MPC563)
Scania EMS S8 250Kbps (MPC5566) - reading requires direct connection to the ECU
Scania EMS S8/EMD1 500Kbps (MPC5566) - reading requires direct connection to the ECU
Reading, writing, checksum correction

Module 45

MB Sprinter 906/909 EDC16CP31

Sprinter (906) 2.2L CDI (EDC16CP31-6)
Sprinter (909) 2.2L CDI (EDC16CP31-8)
Dodge Sprinter (906) 3.0L CDI (EDC16CP31-6)
Reading, writing, checksum correction.

Module 46

Toyota/Lexus/Scion/Hino 2 Generation

76F0196/198/199/219 CAN-bus
Virtual Reading, Writing, checksum correction.

76F0196/198/199/219 P5-CAN-bus
76F0199 GearBox P5-CAN-bus
Reading, writing, checksum correction.

Module 47

Mitsubishi Gearbox CAN-bus

CVT Lancer X/ASX 1.8/2.0L, Outlander XL/3 2.0/2.4L (MH8104F/512KB MH8106F/1MB)
AT Pajero Sport (2010-), Lancer X 1.5/1.6L (MH8102F/512KB)
AT Outlander XL 3.0L (MH8104F/512KB)
Reading, writing.

TC-SST Getrag 6DCT470
Getrag 6DCT470 Boot (MICRO)
Getrag 6DCT470 Boot (EEPROM)
AT Outlander 3 3.0L (MH8106F/1MB)
Reading, writing, checksum correction.

CVT ASX/Outlander 3/Eclipse Cross 1.5T/2.0L/2.4L (MH8115F/1.25MB)
Reading, writing, checksum correction.

Module 48

VAG ME(D)17 UDS

1.4L, 1.8L TSI (MED17.5/MED17.5.2/MED17.5.5)
1.0L, 1.2L, 1.4L TSI (MED17.5.21/MED17.5.25/MED17.1.27)
1.0L, 1.6L MPI (ME17.5.20/ME17.5.24/ME17.5.26)
1.4L TSI, 2.0L, 2.5L, 4.0L TSI, 4.2L FSI (MED17.1/17.1.1/17.1.10/17.1.61/17.1.62)
1.4L TSI, 3.6L FSI (MED17.1.6/MED17.1.21)
5.2L FSI Master/Salve (MED17.1.1)
Virtual 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 50

VAG EDC17CP44, EDC17C46, EDC17C64

2.0L, 3.0L TDI (EDC17CP04/EDC17CP14/EDC17CP20/EDC17CP24)
3.0L TDI (EDC17CP44)
4.2L TDI (EDC17CP24/EDC17CP44)
2.0L TDI (EDC17C46)
2.0L TDI (EDC17C54)
1.6L, 2.0L TDI (EDC17C64)
2.0L TDI (EDC17C74)
3.0L TDI (EDC17CP54)
Virtual reading, writing, checksum correction.

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 52

Kia/Hyundai Delphi MT38/86

2.7L, 3.3L, 3.8L (MT38/CAN)
Writing, checksum correction.

2.7L, 3.3L (MT38/K-Line)
2.7L, 3.3L, 3.8L (MT38/BSL)
3.3L, 3.8L, 5.0L (MT86)
Reading, writing, checksum correction.

Module 53

Infineon Tricore BSL

TC1762/TC1766 MICRO (1504KB)
TC1762/TC1766 EEPROM (32KB)
TC1792/TC1796 MICRO (2048KB)
TC1796 MICRO+EXT (4096KB/6144KB)
TC1796 EXT (2048KB/4096KB)
TC1792 EEPROM (64KB)
TC1796 EEPROM (128KB)
TC1738/TC1767 MICRO (2048KB)
TC1738/TC1767 EEPROM (64KB)
TC1797 MICRO (4096KB)
TC1797 EEPROM (64KB)
TC1797 MICRO+EXT (6144KB/8192KB)
TC1797 EXT (2048KB/4096KB)
TC1724/TC1728 MICRO (1536KB)
TC1724/TC1728 EEPROM (64KB)
TC1782/TC1784 MICRO (2560KB)
TC1782/TC1784 EEPROM (128KB)
TC1791/TC1793 MICRO (4096KB)
TC1791/TC1793 EEPROM (192KB)
TC1791/TC1793 MICRO+EXT (6144KB/8192KB)
TC1791/TC1793 EXT (2048KB/4096KB)
Delphi MT86 EEPROM (16KB)
Delphi CRD3.1 EEPROM (32KB)
TC1736 MICRO (1024KB) [RD/WR/CK]
TC1736 EEPROM (32KB) [RD/WR]
EDC17C06 EEPROM (8KB) [RD/WR]
EDC17CV41 EEPROM (32KB)

Bosch, Siemens/Continental, Delphi ECUs, etc. Reading, writing, checksum correction for most ECUs.

Possible password reading for SIM2K-24x, Ford EMS22XX, Ford SID20X, Bosch, Bosch GPT, etc.

Module 54

Delphi DCM3.7/AP (SH72513/72543/72544)

Kia/Hyundai 2.5L CRDI (DCM3.7AP)
Opel/Chevrolet 2.0L, 2.2L CDTI (DCM3.7)
SsangYong 2.0L XDI (DCM3.7AP)
VAG 1.2L TDI (DCM3.7)
Great Wall/Haval 2.0L TD (DCM3.7)
Bobcat/Kioti/McCormick (DCM3.7AP)

Reading, writing, checksum correction.

Module 55

Kia/Hyundai Kefico/Denso

Kia/Hyundai 2.5L CRDI (SH72546)
Hyundai Euro 5 (Denso SH7058S)
Hyundai Euro 6 (Denso SH72543/SH72546)
Reading, writing, checksum correction.

Module 56

Ford SID807EVO/EDC17C10/EDC17C70

Ford Focus 3: 1.6L DV6C (SID807EVO)
Ford Mondeo 4: 1.6L DV6C (SID807EVO)
Reading, writing after unlocking via OBD, checksum correction.

Ford 1.6L DV6C (SID807EVO/BSL)
Reading.

Ford Focus 3: 1.6L ECONetic 105PS 2012+ (EDC17C10)
Ford Fiesta: 1.4L, 1.6L DV4/DV6 75/95PS 2010-2011 (EDC17C10)
Ford Fiesta: 1.5L, 1.6L DV5/DV6 70/75/95PS 2012+ (EDC17C10)
Ford Focus 3: 1.5L DV5F 90/105/120PS (EDC17C70)
Ford Fiesta: 1.5L DV5F 90/105/120PS (EDC17C70)
Reading, writing, checksum correction.

Module 57

SIMOS 8/10/11/12/PCR2.1

2.8L V6 FSI (SIMOS8.1)
3.2L V6 FSI (SIMOS8.2)
Reading, writing, checksum correction.

3.0L V6 TFSI (SIMOS8.3)
3.0L V6 TFSI (SIMOS8.4)
3.0L V6 TFSI (SIMOS8.5)
Virtual reading, writing, checksum correction.

2.8L V6 FSI (SIMOS8.6)
Reading, writing, checksum correction (map area reading/writing after unlocking in BSL!)

SIMOS8.6 (EEPROM/UNLOCK/BSL)
Reading, writing (EEPROM reading/writing, ECU unlocking)

1.2L TSI (SIMOS10)
1.2L MPI (SIMOS11)

Virtual reading, reading, writing, checksum correction.

1.8L TSI (SIMOS12.1/SIMOS12.2)
2.0L TSI (SIMOS12.1/SIMOS12.2)

Virtual reading, writing, checksum correction.

1.6L TDI (PCR2.1)

Reading, writing, checksum correction (map area reading/writing after unlocking in BSL!)

PCR2.1 (EEPROM/UNLOCK/BSL)

Reading, writing (EEPROM reading/writing, ECU unlocking).

Module 58

Temic TCU

DQ200MQB/G2 (0CW)

DQ250MQB (0D9)

DQ400 (0DD)

Reading, writing, checksum correction

VL381/DL382 (0AW/0CK)

DL501/G2 (0B5)

DQ200 (0AM)

DQ250E/F (02E)

VL300/V30 (01J/0AN)

Writing, checksum correction

DQ200/MQB/G2 Boot (EEPROM)

DQ250E/F/MQB Boot (EEPROM)

DL501/G2 Boot (EEPROM)

VL381 Boot (EEPROM)

DL382 Boot (EEPROM)

Honda UDCT Boot (Continental TC1782/EEPROM)

DQ200/MQB/G2/DQ400 Boot (EEPROM)

Reading, writing

DQ200/MQB/G2 Boot (MICRO)

DQ250E/F/MQB Boot (MICRO)

VL381 Boot (MICRO)

DL501/G2 Boot (MICRO)

DQ500 (0BH/0BT)

VL300/V30 BSL (FLASH)

VL300/V30 BSL (EEPROM)

DQ250C (02E)

DL382 Boot (MICRO)

Honda UDCT Boot (Continental TC1782/MICRO)

DQ200/MQB/G2/DQ400 Boot (MICRO)

Reading, writing, checksum correction.

EDC DC0/DC4 Gen2 (DKG250 Gen2) Boot (TC1784/MICRO)

EDC DC0/DC4 Gen2 (DKG250 Gen2) Boot (TC1784/EEPROM)

VGS-FDCT Boot (TC1766/MICRO)
VGS-FDCT Boot (EEPROM)
VGS2-FDCT Boot (TC1784/MICRO)
VGS2-FDCT Boot (TC1784/EEPROM)
Reading, writing in service mode

Haval 7DCT450 Bootloader (EAST80.D1 TC265/MICRO) [Test]
Hyundai TAD801 D8F48W Bootloader (TC275/MICRO) [Test]
Reading, writing, checksum correction

Haval 7DCT450 Bootloader (EAST80.D1 TC265/EEPROM) [Test]
Hyundai TAD801 D8F48W Bootloader (TC275/EEPROM) [Test]
Reading, writing

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 60

Citroen/Peugeot (PSA) SID208

Citroen/Peugeot 2.2L HDi (SID208)
Reading, writing, checksum correction (reading/writing after unlocking in BSL!)

Citroen/Peugeot 2.2L HDi (SID208/BSL)
Reading, unlock.

Module 61

Kia/Hyundai CPGDSH/CPEGD

1.6L (CPGDSH2.24.1/CPEGD2.20.1/UDS)
1.6L (CPEGD3.20.1/CPEGP3.20.2/CPGPSH3.24.1/UDS) [Test]
1.6L (CPGPSH3.26.1/UDS) [Test]
Reading, writing, checksum correction.

1.4T, 1.6L (CPEGD2.20.3/CPEGD2.20.4/UDS) - requires direct connection to the ECU
1.0L, 1.2L (CPEGP2.10.1/CPGPSH2.14.1/UDS)
Reading, writing, checksum correction, unlocking

1.6L (CPEGD3.20.1/CPEGP3.20.2/CPGPSH3.24.1/UDS) [RD/WR/CK]
1.6L (CPGPSH3.26.1/UDS)
Reading, writing, checksum correction

CPEGD3/CPEGP3/CPGPSH3 CAN FD via Scanmatik 3

Module 62

Ford/Getrag 6DCT450

PowerShift TCM (6DCT450)
PowerShift 6DCT450 Boot (MICRO)
PowerShift 6DCT450 Boot (EEPROM)
PowerShift 6DCT451 TCM GGDS
PowerShift 6DCT451 [XPS6 Gen3] Boot (MICRO)
PowerShift 6DCT451 [XPS6 Gen3] Boot (EEPROM)
Reading, writing.

Module 63

Renault DC4

EDC DC4 Gearbox (TC1766/1506KB)
Reading, writing, checksum correction.

EDC DC0/DC4 Gen2 (DKG250 Gen2) (TC1784/2560KB)
Reading, writing

Module 64

Mitsubishi Fuso Canter

Fuso Canter (EDC7C4-6/EDC16C31)
Fuso Canter Euro 5 CAN-bus (EDC17CP15)
Fuso Canter Euro 5 CAN-bus (EDC17CP52)
Reading, writing, checksum correction.

Module 65

VAG MED17/EDC17 CAN TP2.0/K-Line

EDC17U01/U05/CP04/CP14 K-Line
ME17/MED17/EDC17 CAN TP2.0
EDC17CP20 VW Crafter 2.5L TDI
Virtual reading, writing, checksum correction.

Module 66

Honda Bosch

PGM-FI (Bosch EDC17CP06/EDC17CP16/2MB)
Writing, checksum correction.

PGM-FI (Bosch EDC17CP50/4MB) [Unlocked]
PGM-FI (Bosch EDC17C58/4MB) [Unlocked]
PGM-FI (Bosch EDC17C72/2.5MB) [Unlocked]
PGM-FI (Bosch MED17.9.3/4MB) [Unlocked]
PGM-FI (Bosch ME17.9.55/1.5MB) [Unlocked]
Writing after unlocking with Module 53 or 71, checksum correction.

Module 67

Nissan Bosch

EFI ME7.9.20 Calibration (Bosch ST10F275 EXT/512KB)
Writing, checksum correction.

Module 68

JLR Denso

Freelander 2 (L359) 3.2L V6 233PS (Denso)
Jaguar XF/XJ/XK (X250/X350/X351/X150) 3.0L V6, 3.5L V8, 4.2L V8/SC (Denso)
Range Rover/Sport/Discovery 3 4.0L V6, 4.4L V8, 4.2L V8/SC (Denso)
Range Rover (L320/L322/L319), Jaguar (X150/X250/X351) 5.0L V8/SC (Denso)

Volvo XC90 29bit 2006-2010 3.2L (Denso) [Test]
Volvo XC90 29bit 2006-2010 4.4L (Denso) [Test]

Reading, writing, checksum correction.

Module 69

Mercedes-Benz MED17/EDC17

MED17.7.1/17.7.2/17.7.3/17.7.3.1/17.7.5
Virtual reading, writing, checksum correction.

MED17.7.1/17.7.2/17.7.3/17.7.3.1
Aston Martin M177 (MED17.7.5)
Writing, checksum correction.

EDC17CP01/CP10 (only ECUs with external FLASH memory)
EDC17CP46/CP57/CP60/C66
Reading, writing, checksum correction.

M156/M272/M273 (ME9.7)
Calibration reading, writing, checksum correction.

Module 70

Jeep EDC17

2.8L CRDI (EDC17CP27) [Test]
3.0L CRDI (EDC17C49/C79) reading may require direct connection to the ECU
Reading, writing, checksum correction.

Module 71

Bosch MEDC17 Bootloader

(direct connection to the ECU connector, Scanmatik 2 Pro or Scanmatik 3, a connection cable and a power supply are required)

MEDC17 (TC1762/1766/1792/1796) FLASH
MEDC17 (TC1724/1728/1767/1782/1784/1797) FLASH
MEDC17 (TC1791/1793) FLASH
Reading, writing, checksum correction.

MEDC17 (TC1762/1766/1792/1796) EEPROM
MEDC17 (TC1724/1728/1767/1782/1784/1797) EEPROM
MEDC17 (TC1791/1793) EEPROM
EDC17C06 EEPROM (8KB)
EDC17CV41 EEPROM (32KB)
MEV17.2 EXT EEPROM (8KB)

Reading, writing.

MEDC17 BSL PASSWORD
Reading.

Module 72

Mazda Gen 4

1.5L, 2.0L, 2.5L SKYACTIV-G P5/PA/PE/PY MY2019 (Mitsubishi) [PYFA]
1.5L, 2.0L, 2.5L SKYACTIV-G P5/PA/PE/PY MY2019 (Denso) [PYFB]
Reading, writing, checksum correction.

1.5L SKYACTIV-G P5 (Mazda2 2019+ Mitsubishi) [PV10/PV11]
Writing, checksum correction.

Module 73

Ford MG1

Ford F-150: 3.5L Ecoboost V6 (MG1CS015) [HL3A]
Ford Fiesta 8: 1.5L Ecoboost MT (MG1CS016) [JX6A]
Ford Focus 4: 1.0L, 1.5L Ecoboost MT (MG1CS016) [JX6A]
Ford Focus 4: 1.5L Ecoboost AT (MG1CS017) [JX6A]
Ford Mustang 6: 2.3L Ecoboost (MG1CS017) [JR3A]
Ford Edge: 2.7L Ecoboost (MG1CS018) [K2GA]
Ford F-150: 2.7L Ecoboost (MG1CS018) [JL3A]
Ford Mustang 6: 5.0L Coyote V8 (MG1CS019) [JR3A]
Ford F350: 6.2L, 7.3L Boss V8 (MG1CS019) [LC3A]
Reading, writing, checksum correction

Module 74

Toyota/Lexus Gen 3

R7F701202/R7F701216 P5-UDS
LC300/LX500d 3.3TD P5-UDS (F33A-FTV/R7F701216)
LC300/LX500d 3.3TD MCU #2 P5-UDS (F33A-FTV/R7F701216)
LC150/Hiace/Hilux/Revo/Fortuner 2.4TD, 2.8TD P5-UDS (1GD-FTV/2GD-FTV/R7F701216)
LC150/Hiace/Hilux/Revo/Fortuner 2.4TD, 2.8TD 6AT Gearbox P5-UDS (AC60F/R7F701201)
Camry/ES/Rav4/UX 2.0L, 2.5L P5-UDS (M20A-FKS/A25A-FKS/R7F701202)
Camry/ES/Rav4 2.5L 8AT Gearbox P5-UDS (UB80/R7F701201)
Camry/ES/Rav4 2.5L HV P5-UDS (A25A-FXS/R7F701202) [Test]
Corolla 2.0L P5-UDS (M20A-FKS/R7F701202) [Test]
Highlander/Siena 2.5L HV P5-UDS (A25A-FXS/R7F701216) [Test]
Yaris GR 1.6T P5-UDS (G16E-GTS/R7F701216) [Test] [RD/WR/CK]
Reading, writing, checksum correction

Module 75

Ford Power Stroke

Ford Truck: 6.7L Power Stroke V8 (EDC17CP05) [BC3A]
Ford Truck: 6.7L Power Stroke V8 (EDC17CP05) [FC3A]
Ford Truck: 6.7L Power Stroke V8 (EDC17CP65) [HC3A]
Ford Truck: 3.0L Power Stroke V6 (EDC17CP65) [JL3A]
Ford Truck: 6.7L Power Stroke V8 (EDC17CP05) [DC3A/FC3A]

Reading, writing, checksum correction

Module 76

Kia/Hyundai Gearbox

Kia/Hyundai: MG7.9.8/MEG17.9.12 Gearbox (ST10F275/TCU) Reading, writing

Kia/Hyundai: TC14 Gearbox (MPC562/TCU)
Kia/Hyundai: TC60/TC80/ME(D)G17.9.8/13 Gearbox (SH72549/TCU)
Kia/Hyundai: SIM2K-24x/341 Gearbox (TC1766/TCU)
Kia/Hyundai: SIM2K-24x Gearbox (TC1738/TCU)
Kia/Hyundai: SIM2K-341 Gearbox (TC1738/TCU)
Kia/Hyundai: SIM2K-143 Gearbox (TC1738/TCU)
Kia/Hyundai: CPTSH2.08.2 Gearbox (SH72544/TCU)
Reading, writing, checksum correction

Kia/Hyundai: MEG17.9.21 Gearbox (SH72549/TCU)
Writing, checksum correction. Reading can be done with Module 82

Module 77

Bosch ME9/MED9/EDC7/EDC16/PSG16/TCU Bootloader

(direct connection to the ECU, Scanmatik 2 Pro/Scanmatik 3, a connection cable OR a quality J2534 device + Powerbox for PCMflash are required)

ME9/MED9/EDC7/EDC16/PSG16/TCU (MPC556/MPC562/MPC564)
ME9/MED9/EDC7/EDC16/PSG16/TCU MICRO (MPC556/MPC564)
ME9/MED9/EDC7/EDC16/PSG16/TCU EXT (MPC556/MPC562/MPC564)
Reading, writing, checksum correction;

ME9/MED9/EDC7/EDC16/PSG16/TCU EEPROM (MPC556/MPC562/MPC564)
Reading, writing.

Module 78

Subaru Gearbox

Melco CVT CAN-bus (1N83M/1552KB MH8111/1536KB MH5006/1024KB MH8104/512KB)
Reading, writing, checksum correction

Module 79

Mitsubishi CAN-bus Bootloader

direct connection to the ECU is required

CAN-bus Bootloader FLASH (MH8114F/MH8115F/MH8501F)
CAN-bus Bootloader FLASH (MH8601F/MH8610F/MH8611F/1N83M)
Reading, writing, checksum correction.

Module 80

Denso SH725XX/1N83M Bootloader

direct connection to the ECU is required

SH725xx FLASH
1N83M FLASH
Reading, writing, checksum correction

SH725xx EEPROM
1N83M EEPROM
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 82

Bosch SH725XX TCU Bootloader

Direct connection to the ECU is required! Working with Tactrix OpenPort 2.0 is not supported! Working with Scanmatik 2/PRO/Scanmatik 3, Dialink, Chipsoft, Mongoose, CarDAQ has been checked.

Bosch SH725xx TCU

Flash Reading, Writing, Checksum corrections

Bosch SH725xx TCU

EEPROM Reading, Writing, Checksum corrections

Module 83

VAG Bosch DQ380/DQ381/DQ500/ZF 8HP

DQ380/381/500 (0DE/0DL/0GC)

AL450/AL551/AL951 (0CM/0BK/0BL)

AL552/AL952 (0D5/0D6)

AL1000/AQ250/AQ450 (0C8/09G) UDS

AL420/AL600 (09L/09E) K-Line [Test]

AL420/AL600 (09L/09E) CAN TP2.0 [Test]

Virtual reading, writing, checksum correction

AL600/AL750/AQ250 (09D/09G) K-Line [Test]

AL750/AQ250 (09D/09G) CAN TP2.0 [Test]

Reading, writing, checksum correction

Module 84

VAG Delphi DCM6.2

1.4L, 1.6L, 2.0L TDI (DCM6.2)

Virtual reading, reading, writing, checksum corrections

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)
Virtual reading, reading, writing, checksum correction

Module 87

PSA DCM6.2

Citroen/Peugeot 2.0L HDi (DCM6.2A)
Citroen/Peugeot 2.0L HDi (DCM6.2C)
Reading, writing, checksum correction.

Module 88

Ford AdBlue

AdBlue REDCM (DCU17PC43) [KV6A]
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)
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

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 91

Mercedes Benz CRD3/CRD3P

Mercedes-Benz CRD3/CRD3P FLASH
Mercedes-Benz CRD3/CRD3P EEPROM

Reading, writing, checksum correction.

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 93

India DCM2.5(P)/DCM2.7/DCM7.1AP

Ashok Leyland TD (DCM2.5)
Ashok Leyland 1.5L TD (DCM7.1AP)
Ashok Leyland LCV TD (DCM7.1AP)
Eicher E366/E474 2.0L, 3.0L TD (DCM7.1AP)
Force Motors 2.6L TD (DCMx7.1AP)
Kia/Hyundai 1.6L TD (DCM7.1AP)
Mahindra TD (DCM2.5)
Mahindra 1.6L TD (DCM2.7AP)
Mahindra 1.5L TD (DCM7.1AP)
Tata 1.5L TD (DCM7.1AP)
Tata LCV TD (DCM7.1AP)
Tata TD (DCM2.5/DCM2.5P)
Tata Truck TD (DCM7.24)
Reading, writing, checksum correction

Mahindra 1.6L TD EEPROM (DCM2.7AP) [Bench]
Mahindra 1.5L TD EEPROM (DCM7.1AP) [Boot]

Reading, writing

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/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 2.4T P5-UDS (T24A-FTS/R7F702002)
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) [Test]

Reading, writing, no checksums

Module 96

ZF TC1782/TC275/TC277 TCU Bootloader

Direct connection to the ECU required!

ZF TC1782/TC275/TC277 TCU (FLASH)
Reading, writing, checksum correction

ZF TC1782/TC275/TC277 TCU (EEPROM)
Reading, writing

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)
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) [Test]

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

Module 99

Volvo/Renault EMS 2.3/2.4 Bootloader (Test)

Volvo/Renault EMS 2.3/2.4 Bootloader FLASH (MPC5674F/MPC5777C) [Test]

Reading, writing, checksum correction.

Volvo/Renault EMS 2.3/2.4 Bootloader EEPROM (MPC5674F/MPC5777C) [Test]

Reading, writing

Module100

Ford SID212/SID212EVO

Ford Focus 4: 2.0L EcoBlue (SID212/SID212EVO)

Ford Kuga 3: 2.0L EcoBlue (SID212/SID212EVO)

Ford Mondeo 5: 2.0L EcoBlue (SID212/SID212EVO)

Ford Transit: 2.0L Diesel (SID212/SID212EVO)

Reading, writing, checksum correction.