

Diagnostic Software Update in Jan. & Feb. 2024

Diagnostic software coverage is available in the following link:

<https://qcar.x431.com/qcar/>

Passenger Car Software Upgrade

Software	Version	Update Info
PORSCHE	V24.25	1. Summary Optimized ADAS LITE software function, added and completed special functions for Cayenne-9YA, Panamer(971), Taycan up to 2023 year model. 2. New Functions 1) Added special functions for Boxster(987) and 911(997) models, including calibration under transmission box system and replacement of control unit. 2) Added special function wheel ID setup under tire pressure system for Boxster(982) model. 3) Added special functions for Cayenne-9YA model, including disable/enable 48 V vehicle electrical system, PVTs function test, disable airplane mode, resetting range calculation, setup PVTs driver card, MOST system test under Power control module (PCM) system, disable production mode, reset to factory setup, head lamp adjustment under head lamp (LED) left side system, head lamp adjustment under head lamp (LED) right side system, calibration under night vision system, disable airplane mode under connection system, PVTs function test, setup expansion valve (EXV1) under heat management system, energy management function test, setup coolant circuit sensor (PT) function. 4) Added special functions for Panamer(971) models, including reset collision off, high voltage battery serial number code under high voltage battery (BMC) system, suspension system calibration under chassis control (PASM), replacement of air spring, disable/enable 48 V vehicle electrical system under gateway system, reset to factory setup under Power control module (PCM), standardized seat motor under driver side seat adjustment device-rear system, standardized seat motor under passenger side seat adjustment device-rear system, disable airplane mode under connection system, setup expansion valve (EXV1), energy management function test under energy management (TME) system. 5) Added combination sensor setup under airbag system for 911(992) model. 6) Added special function for Taycan vehicle model, including check inside cooling performance under AC system, battery classification, extended fault memory clearing under high voltage battery system, suspension system calibration under chassis control (PASM) system, setup total distance, display alarm event memory and cleared it when necessary, write service interval under instrument cluster system, adaptive transmission box, replacement of position sensor under power control system (DME) control unit, calibration under front corner radar sensor (right), calibration under front corner radar sensor (left), reset to factory setup under Power control module (PCM) system, calibration under night vision system, PVTs function test, under connection system, cleaning coolant circuit, check cooling system, bleeding and refilling coolant circuit, setup coolant circuit valve (EXV, EAV), setup coolant circuit sensor (PT) under energy management (TME) system. 3. Optimized Functions Optimized ADAS LITE software function; 4. Fixed Bugs 1) Completed tuner system entry method for Boxster(982) model. 2) Completed AC system coding function for MACAN vehicle model. 3) Completed special function steering electrical system calibration for 911(991) model. 4) Fixed the issue that actuation test menu is missing after Cayenne-92A engine system performed special function “ Read alarm message cause” .
EV_NIO	V10.11	1. Summary Added ES7、ET5、ET7 ReadDtc and Clear Dtc Fuctions. 2. New Functions Added ES7、ET5、ET7 ReadDtc and Clear Dtc Fuctions. 3. Optimized Functions None 4. Fixed Bugs None

FERRARI	V11.25	1. Summary Optimized Gear box system communication function for 360 Modena. 2. New Functions None 3. Optimized Functions Optimized Gear box system communication function for 360 Modena. 4. Fixed Bugs None 5. Updates for Service Function: None
JP ISUZU	V17.70	1. Summary Addedthespecialfunctionpageonthetopologicalgraphpage.Optimizedsystemfunctionsandservicefunctions. 2. NewFunctions Addedthespecialfunctionpageonthetopologicalgraphpage,supportingthescanningofinjectorprogramming,DPF,etc. 3. OptimizedFunctions Optimizedsystemfunctions. 4. FixedBugs None 5. UpdatedServiceFunctions Optimizedservicefunctions.
HYUNDAI PLUS	V11.72	1. Summary Added the ADAS AVM calibration illustration,Optimized the ADAS Mobile illustration, Optimized the software structure. 2. New Functions Added the ADAS AVM calibration illustration. 3. Optimized Functions 1)Optimized the ADAS Mobile illustration. 2)Optimized the software structure. 4. Fixed Bugs None
KIA PLUS	V11.72	1. Summary Added the ADAS AVM calibration illustration,Optimized the ADAS Mobile illustration, Optimized the software structure. 2. New Functions Added the ADAS AVM calibration illustration. 3. Optimized Functions 1)Optimized the ADAS Mobile illustration. 2)Optimized the software structure. 4. Fixed Bugs None
NISSAN	V45.61	1. Summary Fixed the 'online programming/coding' function scanning problem of handsfree telephone module(HFM) for HB18 and B18. 2. New Functions None 3. Optimized Functions None 4. Fixed Bugs Fixed the 'online programming/coding' function scanning problem of handsfree telephone module(HFM) for HB18 and B18.
OPEL	V43.25	1. Summary 1)Added automatic engine identifier recognition function for Combo-D models. 2)Optimize High-speed Scan mode to improve scan accuracy. 3)Fixed known bugs. 2. New Functions None 3. Optimized Functions None 4. Fixed Bugs None
MCLAREN	V10.06	1. Summary Added the DE、ES、FR、IT、JP、HK Language. 2. New Functions Added the DE、ES、FR、IT、JP、HK Language. 3. Optimized Functions None 4. Fixed Bugs None
USA FORD	V49.90	1. Summary Added Special Functions For 2012-2024 Car Models. Optimized The Software Structure. 2. New Functions

		Added The Following Special Functions For 2012-2024 Mustang, Territory, Transit, Ecosport, Escape (Asia)/Kuga, Mach-E, Edge, Corsair, Nautilus, Mondeo, Everest, Focus, Escape (Asia), Expedition, Ranger, Aviator, Zephyr, And F-Series Super Duty: EPAS (Electric Power Steering) Pull Drift Compensation Enable/Disable, Oil-Burning Booster Heater Remote Programming, Remote Start Configuration, Vehicle Dynamic Suspension Temperature Calibration, Reset ABS Module Parameters, PSD (Power Sliding Door) Initialization, HCU (Hydraulic Control Unit) Coil Solenoid Calibration, Fuel System Priming, Clear RCM (Restraint Control Module) Crash Data, Set Vehicle Mode. 3. Optimized Functions Optimized The Software Structure. 4. Fixed Bugs None
CHRYSLER	V34.60	1. Summary Completed BCM, PCM, ABS, TCM system special function for year 2018-2024 model. Completed 2018-2025 menu. Optimized vehicle model identification and online connection stability. 2. New Functions None 3. Optimized Functions 1)Added or completed special function for PCM, BCM, ABS, TCM, HCP system, including anual Logistic Mode Procedure Enable, DPF forced regeneration, Brake Disks Substitution, Gearbox control unit replacement, Steering Angle Calibration. 2)Added year 2018-2020 Ram Promaster Rapid, year 2024 Compass, year 2025 Ram 1500. 3)Optimized vehicle model identification and online connection stability. 4. Fixed Bugs None
SUBARU	V25.60	1. Summary Added VIN Entry, Rezeroing function; Added remote control manual matching; Fixed Camera all adjustment mode(replacement/removal) function; Fixed gateway system issue; Fixed tire pressure registration function; Fixed engine system code clearing issue; 2. New Functions 1)Added VIN Entry, Rezeroing function; 2)Added remote control manual matching; 3. Optimized Functions Optimized the software structure; 4. Fixed bugs 1)Fixed Camera all adjustment mode(replacement/removal) function; 2)Fixed gateway system issue; 3)Fixed AT learning function no display issue; 4)Fixed clearing adjusted value function; 5)Fixed odometer read function; 6)Fixed tire pressure registration function; 7)Fixed sensor initial setup function; 8)Fixed engine system code clearing issue;
BMS	V10.36	1. Summary Optimize the diagnostic function of the battery pack. 2. New Functions Newly added data for heavy-duty truck Haoman battery pack Newly added data for Kairui Ant and Elephant battery packs Newly added Chrysler Wrangler battery pack data Newly added Nanjing Jinlong battery pack data Newly added Peugeot e2008 battery pack data Newly added data for Opel Mokka e and Corsa e battery packs Newly added Wuling Mini battery pack data Newly added Changan Benben battery pack data Newly added Changan UNI-V battery pack data New addition of BYD Dolphin and T8 battery pack data Newly added Huachen Xinyuan T50 battery pack data Newly added battery pack data for Nanning Nanji sightseeing patrol vehicles Newly added data for the 2nd battery pack of the electric cow Newly added Guangqi Aian SPIO battery pack data New addition of Ideal L8 battery pack data Newly added data for the Seles M5 battery pack Newly added Mercedes Benz smart battery pack data Newly added Beiqi Foton battery pack data Newly added Dongfeng battery pack data Newly added data for BAIC's flagship and BAIC Leopard battery packs Newly added Haima Aishang battery pack data Newly added Kowloon battery pack data Newly added data for Kangdi battery pack Newly added data for Ruichi EC35 battery pack

		Newly added Tesla Model 3 battery pack data Newly added Zhidou D3 battery pack data Newly added Zhongtai Cloud 100S battery pack data Newly added Zhongtong battery pack data Newly added Jihai battery pack data Newly added data for Guojin Junxing battery pack 3. Optimized Functions Optimize SAIC Maxus battery pack data 4. Fixed Bugs None
TOYOTA	V51.00	1. Summary Added support for the DTC, freeze frame, data stream, and actuation test functions of 2024MY Toyota models such as 4Runner, 86, bZ4X, Camry, Camry HV, Corolla, Corolla Cross, Highlander, Highlander HV. Added support for the DTC, freeze frame, data stream, and actuation test functions of 2024MY Lexus models such as ES250, ES300h, IS350, IS500, LC500, LS500, RC350, RX350h, TX350, TX500h. Added support for common special functions of 2024MY Toyota models such as 4Runner, 86, bZ4X, Camry, Camry HV, Corolla, Corolla Cross, Highlander, Highlander HV. Added support for common special functions of 2024MY Lexus models such as ES250, ES300h, IS350, IS500, LC500, LS500, RC350, RX350h, TX350, TX500h. Updated the service function of Toyota to 2024. Updated the service function of Lexus to 2024. 2. New Functions 1)Added support for the DTC, freeze frame, data stream, and actuation test functions of 2024MY Toyota models such as 4Runner, 86, bZ4X, Camry, Camry HV, Corolla, Corolla Cross, Highlander, Highlander HV. 2)Added support for the DTC, freeze frame, data stream, and actuation test functions of 2024MY Lexus models such as ES250, ES300h, IS350, IS500, LC500, LS500, RC350, RX350h, TX350, TX500h. 3)Added support for common special functions of 2024MY Toyota models such as 4Runner, 86, bZ4X, Camry, Camry HV, Corolla, Corolla Cross, Highlander, Highlander HV. 4)Added support for common special functions of 2024MY Lexus models such as ES250, ES300h, IS350, IS500, LC500, LS500, RC350, RX350h, TX350, TX500h. 3. Optimized Functions None 4. Fixed Bugs None
MT_HARLEY	V10.16	1. Summary Fixed the problems in the ToolBox function menu. 2. New Functions None 3. Optimized Functions None 4. Fixed Bugs Fixed the problems in the ToolBox function menu. 5. Service function update None
KIA	V46.00	1. Summary Added functions for 2023-2024 models in common regions and America. Added functions for car models in Canada. Optimized the software structure. 2. New Functions 1) Added basic functions for 58 2023-2024 models such as EV6(CV) and Niro(SG2 EV) in common regions. 2) Added basic functions for 13 2023-2024 models such as Carnival(KA4) and Telluride(ON) in America. 3) Added basic functions for 62 1994-2024 models such as Forte(BD), Sportage(NQ5), and Soul(PS) in Canada. 4) Added about 400 special functions for each region, such as service lamp reset, airbag coding, key learning, throttle learning, steering angle learning, brake pad replacement, front camera calibration, and radar calibration. 3. Optimized Functions Optimized software structure. 4. Fixed Bugs None
SMART	V18.31	1. Summary Added programming function and variant coding function for system under chassis 451, 453 and 454 etc. 2. New Functions 1)Added programming function for systems such as engine control module(ECM), gearbox(TCM), electronic power steering(EPS), electronic stability program(ESP/ABS), SAM control unit, airbag(SRS), tire pressure monitoring system(TPMS), batter management system(BMS), instrument cluster(IC) and air conditioner(AC) etc. under chassis 451, 453 and 454 etc. 2)Added variant coding function for system under chassis 451, 453 and 454 etc. 3. Optimized Functions Updated basic function, actuation test and special function for all systems under chassis 453. 4. Fixed Bugs None.

LAND ROVER	V34.75	- Summary Added 33 special functions for models after 2017: fuel system leakage check(DMTL), gear position component replacement, lateral acceleration sensor calibration, damper cold start initialization, carbon ceramic brake disc wear degree setting, all-wheel drive-calibration, steering column calibration etc.; Fixed the motor replacement and bleeding functions for some models; Fixed other known issues. - New Functions Added 33 special functions for models after 2017: fuel system leakage check(DMTL), gear position component replacement, lateral acceleration sensor calibration, damper cold start initialization, carbon ceramic brake disc wear degree setting, all-wheel drive-calibration, steering column calibration etc.. - Optimized Functions None - Fixed Bugs 1) Fixed the motor replacement and bleeding functions for some models; 2) Fixed other known issues. - Updates for Service Function None
PEUGEOT	V44.05	- Summary Added basic functions and actuation test for multiple types of ECU; optimized VIN automatic recognition function and speed scanning method. - New Functions 1) Added version information, DTC reading, DTC clearing and data stream functions for traction battery ECU system under multiple types of model. Specific models: 208(P21), 2008(P24), RIFTER (K9) and PARTNER (K9). 2) Optimized actuation test function for EDC17C60 system under multiple types of model. Specific models: 3008, 5008, 508, 508 RHX, 208, 208(Ai91), 2008 and 301. - Optimized Functions 1) Optimized VIN automatic recognition function. 2) Optimized speed scanning method. - Fixed Bugs None
MITSUBISHI	V34.95	- Summary Added missing special function for some model, optimized software commonly used special function, fixed special function execution failure issue for some model. - New Functions 1)Added mileage reset (oil injector purge), engine reset, GPF regeneration function for LANCER (CY#), ASX model. 2)Added TCU system disable transport mode function for ECLIPSE CROSS(GK#) model. - Optimized Functions 1)Optimized commonly used special function. 2)Optimized ADAS calibration function. 3)Optimized fast scan. - Fixed Bugs 1)Fixed OUTLANDER-PHEV model sensor calibration failure and actuation test execution failure. 2)Fixed IMMO key match failure issue for LANCER (CY#) model.
RENAULT	V43.80	- Summary Completed ECM, ABS,IC,UPC,SRS,UCH system for KWID BR,SM5-EX,SM7, SAFRANE2.3_SM7 - LF, SAFRANE2.0_SM5 - DF models. Optimized fast scan lag issue - New Functions 1) Completed ECM, ABS,IC,UPC,SRS,UCH system for KWID BR,SM5-EX,SM7, SAFRANE2.3_SM7 - LF, SAFRANE2.0_SM5 - DF models. 2) Optimized fast scan lag issue - Optimized Functions None - Fixed Bugs None
FLYER	V19.60	- Summary Add new models include U8, Leopard 5, Seal DM-i, Tang DMi Champion Edition 200km, Tang DMp Champion Edition, Warrior Edition, Tang EV Champion Edition, and Song L, a total of 6 models. and include U8, Leopard 5, Seal DM-i, Tang DMi Champion Edition 200km, Tang DMp Champion Edition, Warrior Edition, Song L, Frigate 07, Seagull, Tang DM-i Champion Edition, Song PLUS DM-2023 model, Song Pro DM-i Champion Edition, Qin PLUS EV 2023-Champion Edition/Public 23 model, Qin EV-2023 model, Dolphin-2023 model, Song PLUS EV-2023 model, and e2-2023 model, a total of 16 models. Add 607 systems to these new models. - New Functions 1) Add 607 systems to the following 6 new models: U8, Leopard 5, Seal DM-i, Tang DMi Champion Edition 200km, Tang DMp Champion Edition, Warrior Edition, Tang EV Champion Edition and Song L. 2) Add 3366 special functions to the following 16 models: U8, Leopard 5, Seal DM-i, Tang DMi Champion Edition 200km, Tang DMp Champion Edition, Warrior Edition, Tang EV Champion Edition, Song L, Frigate 07, Seagull, Tang DM-i Champion Edition, Song PLUS DM-2023 model, Song Pro DM-i Champion Edition, Qin PLUS EV 2023-Champion Edition/Public 23 model, Qin EV-2023

		model, Dolphin-2023 model, Song PLUS EV-2023 model and e2-2023 model. These special features include ADAS dynamic calibration/static alignment, corner zero calibration, wheel exhaustion, seat calibration, direct tire pressure system calibration, VIN self-learning, motor zero calibration, battery pack calibration, coolant filling and configuration calibration. 3. Optimized Functions None 4. Fixed Bugs None
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IMMO Software Upgrade

Software	Version	Update Info
IMM_FLYER	V10.18	1. Summary Added and optimized the functions of anti-theft key matching and anti-theft module replacement etc. 2. New Functions Added key matching function of Frigate 07, and added password-free key adding function for models before 2021. 3. Optimized Functions Optimized the functions of the original anti-theft key matching and anti-theft module replacement etc. 4. Fixed Bugs None
IMM_ SPRINTER	V10.18	1. Summary Optimized Other Known Issues. 2. New Functions None 3. Optimized Functions Optimized the diagram of partial locks and directional locks 4. Fixed Bugs Revised the translation of some Spanish and Portuguese texts
IMM_BENZ	V10.28	1. Summary None 2. New Functions Add lock function menu and operate on the platform(without gateway): (1) Read module data (2) Load data file (3) Clear TP protection (4) Write the VIN (5) Activate module (6) Generate BE key file (7) Check EIS status(static) (8) Check EIS status(dynamic) (9) Disable key 3. Optimized Functions Optimized the diagram of partial locks and directional locks 4. Fixed Bugs Revised the translation of some Spanish and Portuguese texts
IMM_SUZUKI	V10.15	1. Summary Optimized the functions for IMMO types 1 and 2. Added the BCM registration function for the IMMO type 2. 2. New Functions Added the BCM registration function for the IMMO type 2. 3. Optimized Functions 1)Optimized the PIN reading function for the IMMO type 1. 2)Optimized the PCM registration function for the IMMO type 2. 4. Fixed Bugs None
IMM_RENAULT	V10.26	1. Summary Optimized the read PIN code function for 7 models. 2. New Functions None 3. Optimized Functions Optimized the read PIN code function for 7 models such as SANDERO II. 4. Fixed Bugs None
IMM_CITROEN	V10.30	1. Summary Added model year menu. Added the anti-theft system of Citroen C1(2014-2019) model. Optimized the all key lost password reading function of Citroen C-ELYSEE(2017-) model.

		2. New Functions Added model year menu: C1(2014-2019),SYNERGIE/EVASION(1997-2002),SPACETOURER(2013-2016), GRAND C4 SPACETOURER(2013-2021), e-BERLINGO(2021-2023), e-BERLINGO VAN(2021-2023), e-ELYSEE (2014-2022),e-C4(2020-2023),e-C4 X (2022-2023), e-DISPATCH(2020-2023),e-JUMPY(2020-2023),e-SPACETOURER(2016-2023). Added the anti-theft system of Citroen C1(2014-2019) model: The Number Of Keys, Add Key, Clear Key, Match Immobilizer ECU, Engine ECU Matching, Reset Key Box (All Keys Are Lost). 3. Optimized Functions Optimized the all key lost password reading function of Citroen C-ELYSEE(2017-) model. 4. Fixed Bugs None
IMM_PEUGEOT	V10.30	1. Summary Added model year menu. Added the anti-theft system of Peugeot 108(2014-2019) model. Optimized the all key lost password reading function of Peugeot 208(2017-), Peugeot 308(2015-), Peugeot 408(2017-) model. 2. New Functions Added model year menu: 107(2005-),108(2014-2019),806(1994-2002),RANCH(2008-2013),RIFTER(2018-2023), TRAVELLER(2016-2023),e-EXPERT(2020-2023),e-TRAVELLER(2020-2023),e-PARTNER (2020-2023),e-RIFTER(2020-2023),e-2008(2019-2023),e-208(2019-2023),e-308(2021-2023). Added the anti-theft system of Peugeot 108(2014-2019) model: The Number Of Keys, Add Key, Clear Key, Match Immobilizer ECU, Engine ECU Matching, Reset Key Box (All Keys Are Lost). 3. Optimized Functions Optimized the all key lost password reading function of Peugeot 208(2017-), Peugeot 308(2015-), Peugeot 408(2017-) model. 4. Fixed Bugs None
IMM_ HYUNDAI	V10.15	1. Summary Added anti-theft function for models from 2023 to 2024, added anti-theft function for models in the Canada area, optimized 46 manual key, 46 smart card, 47 smart card, 8A smart card password reading function, optimized the software structure. 2. New Functions 1)Added anti-theft function for models from 2023 to 2024. 2)Added anti-theft function for models in the Canada area. 3. Optimized Functions 1)Optimized 46 manual key, 46 smart card, 47 smart card, 8A smart card password reading function. 2)Optimized the software structure. 4. Fixed Bugs None
IMM_KIA	V10.15	1. Summary Added anti-theft function for models from 2023 to 2024, added anti-theft function for models in the Canada area, optimized 46 manual key, 46 smart card, 47 smart card, 8A smart card password reading function, optimized the software structure. 2. New Functions 1)Added anti-theft function for models from 2023 to 2024. 2)Added anti-theft function for models in the Canada area. 3. Optimized Functions 1)Optimized 46 manual key, 46 smart card, 47 smart card, 8A smart card password reading function. 2)Optimized the software structure. 4. Fixed Bugs None
IMM_ BORGWARD	V10.01	1. Summary Supports Borgward key learning, key delete, and anti-theft part replacement. 2. New Functions Added anti-theft function for Borgward BX5, BX6, BX7 anti-theft function: key matching, key clearing, number of keys, vehicle anti-theft system learning, smart box anti-theft match, engine anti-theft learning, MCU anti-theft learning, vehicle body computer anti-theft learning, Steering Column Lock match, TBOX match. Added Borgward BXi7 anti-theft function: key matching, key clearing, number of keys, all-system update (electrical vehicles), replace smart box (electrical vehicles), MCU anti-theft learning, replace vehicle body computer (electrical vehicles), Steering Column Lock match, TBOX match. 3. Optimized Functions None 4. Fixed Bugs None
IMM_NISSAN	V11.15	1. Summary Fixed key matching function execution failure issue for old Sunny model. 2. New Functions

		None 3. Optimized Functions None 4. Fixed Bugs Fixed key matching function execution failure issue for old Sunny model.
RESET PROG	V11.00	1. Summary Added the vehicle mode for the VW anti-theft software. Optimized the anti-theft system automatic identification function for the VW anti-theft software. 2. New Functions Added the vehicle mode for the VW anti-theft software. 3. Optimized Functions Optimized the anti-theft system automatic identification function for the VW anti-theft software. 4. Fixed Bugs None

Heavy-Duty Truck Software Upgrade

Software	Version	Update Info
HD_IVECO	V21.75	1. Summary New add engine system EDC 17CV41 and Denoxtronic 2 special function UDST (urea dosing system test), New add engine system EDC 17 basic funcitons added, EDC M7 manual diagnosis. 2. New Functions 1) New add engine system EDC 17CV41 and Denoxtronic 2 special function UDST (urea dosing system test). 2) New add engine system EDC 17 basic funcitons added, EDC M7 manual diagnosis 3. Optimized Functions None. 4. Fixed Bugs None
HD_PACCAR	V11.31	1. Summary Updated AutoSearch Most System Scans, Including The Engine, Transmission system. Optimized DPF Regeneration Function For Aftertreatment System And PCI2 Of Engine System. 2. New Functions None. 3. Optimized Functions 1) Updated Engine System Support For AutoSearch. 2) Updated Aftertreatment System Support For AutoSearch. 3) Updated Suspension System Support For AutoSearch. 4) Updated Vehicle Control System Support For AutoSearch. 5) Updated Transmission System Support For AutoSearch. 6) Updated Brake System Support For AutoSearch. 7) Updated Other Systems Support For AutoSearch. 8) Optimized DPF Regeneration Function For Aftertreatment System And PCI2 Of Engine System. 4. Fixed Bugs None.
HD_AUTOSEARCH	V10.55	1. Summary New add AGRICULTURAL,YunNei GuoFang,DENSO System Scan. 2. New Functions 1) New Add NanJing VE Pump VP14 System Scan. 2) New Add XiChai LongKou Pump GC32 System Scan. 3) New Add YunNei GuoFang: MDD01, MDD02,MDD03,MDD04,MDD06,MDD07,MDD08 System Scan. 4) New Add DFCV E6 DDi11 System Scan. 5) New Add ShangChai DENSO E6: SC4HQ6,SC7HQ6,SC9DFQ6 System Scan. 3. Optimized Functions None. 4. Fixed Bugs None
BOSCH_CV	V10.01	1. Summary Added special functions for Yuchai China VI P1998 MD1CE108. 2. New Functions Added DPF regeneration and urea injection function for Yuchai China VI P1998 MD1CE108. 3. Optimized Functions None 4. Fixed Bugs

		None
HD_ VOLKSWAGE N	V10.05	1. Summary New add gearbox system ABS6 ABS8. 2. New Functions New add gearbox system ABS6 ABS8 3. Optimized Functions None 4. Fixed Bugs None
HD_ FREIGHTLINE R	V10.80	1. Summary Optimized The Structure Of The Software and The Structure Of The Manually Select. 2. New Functions None. 3. Optimized Functions 1)Optimized The Structure Of The Software; 2)Optimized The Structure Of The Manually Select. 4. Fixed Bugs None.
HD_BOSCH	V16.41	1. Summary Added special functions for Yuchai China VI P1998 MD1CE108. 2. New Functions Added DPF regeneration and urea injection function for Yuchai China VI P1998 MD1CE108. 3. Optimized functions None 4. Fixed bugs None
HD_BENZ	V18.70	1. Summary Added actuation test and special functions for some systems. 2. New Functions 1) Added actuation test functions such as AdBlue(R) delivery pump test run and AdBlue(R) dosing test for the bus exhaust aftertreatment system. 2) Added special functions and actuation test functions such as detecting ABS solenoid on the front axle, detecting ABS solenoid on the rear axle, and ESP(R) learning process for the bus ABS system. 3) Add special functions such as anti-start device learning and foot pedal accelerator learning for the bus driver control system. 4) Added the clutch learning for the bus driving control system. 5) Added the parameter setting for the truck electronic brake system. 3. Optimized Functions None 4. Fixed Bugs None
HD_MAN	V16.60	1. Summary Add some special functions for the engine system. Added some actuation tests and special functions for the gearbox system. Added some special functions for the aftertreatment system. Added the diagnostic and test functions for the ABS system. 2. New Functions 1) Add some special functions for the engine system. 2) Added some actuation tests and special functions for the gearbox system. 3) Added some special functions for the aftertreatment system. 4) Added actuation test and functions for the ABS EU12 system. 5) Added the diagnostic function for the ABS KB3A system. 3. Optimized Functions None 4. Fixed Bugs None
HD_BOBCAT	V10.10	1. Summary New Add Manual Select Menu;New Add Clear Fault Code Function;New Add Special Function And Actuation Test. 2. New Functions 1)New Add Manual Select Menu 2)New Add Clear Fault Code Function 3)New Add Special Function Of Display Controller(DLXC), Drive Controller(DRIVE), Workgroup Controller(ACS), All Wheel Steer Controller(AWS), Attachment Controller (ACD), Cab Controller(CAB) 4)New Add Actuation Test Of Drive Controller(DRIVE). 3.Optimized Functions None 3. Fixed Bugs None
HD_DOOSAN	V10.23	1. Summary Fixed Some Known Issues.

		2. New Functions None. 3. Optimized Function None. 4. Fixed Bugs Fixed Some Known Issues.
HD_ WABCO_ABS	V11.20	1. Summary Added basic functions, actuation test functions, and special functions for the ABS E+ system. Added the parameter function for the ABS D+ system and EBS 3 system. 2. New Functions 1) Added the parameter function for the ABS D+ system. 2) Added the parameter function for the EBS 3 system. 3) For the ABS E+ system, added basic functions, added actuation test functions including the lamp, auxiliary brake cutoff relay, engine interface, solenoid, front axle 3/2 solenoid, rear axle 3/2 solenoid, and trailer 3/2 solenoid, and added special functions such as ECU replacement and component reset. 3. Optimized Functions None 4. Fixed Bugs None
HD_ABS	V11.60	1. Summary Newly added Kormee ABS-M system, Fix the issue with the display of fault codes in the Wabco EBS system, Optimize menu path. 2. New Functions Newly added basic functions, action testing and special functions of Kormee ABS-M. 3. Optimized Functions Optimize menu path. 4. Fixed Bugs Fix the issue with the display of fault codes in the Wabco EBS system.
HD_KNORR	V10.10	1. Summary Add Antilock braking system,Driver assistance camera, Electronic Braking System, Electronically Controlled Air Suspension, Forward-looking radar (anti-collision system) and Lane Departure Warning Assistant. 2. New Functions 1) Added KB3-TA ABS24/EU12, ABS 2X, ABS Gamma SKN-LKN, ABS 6, ABS KB3 AL system. 2) Added FLC20, ELC 5 , FLR21, LDWS Knorr system. 3) Added EBS 2.2-2.3, EBS, EBS 5, EBS 5 Iveco, BS, EBS 2.2 systems. 3. Optimized Functions None 4. Fixed Bugs None
HD_FUSO	V17.50	1. Summary Optimize the DPF regeneration function of the engine system; Fix issues with displaying blank pages in some system action tests and special function menu; Optimize Software structure. 2. New Function None. 3. Optimized Function 1) Optimize the DPF regeneration function of the engine system; 2) Optimized software structure. 4. Fixed Bugs Fix issues with displaying blank pages in some system action tests and special function menu.
HD_ISUZU	V16.50	1. Summary Optimize the basic functions of the global region and the new VIN scanning and DPF interface of the North American region 2. New Functions None 3. Optimized Functions Optimized the DPF interface in North America Optimized VIN scanning in North America Optimize the basic functions of the C Series, F Series, GIGA, LV Series engine systems in the global regions from 2017 to 2019 Optimize the basic functions of the C Series, F Series, LV, LT, LR, GIGA, Forward Series urea systems in the global regions from 2014 to 2022 4. Fixed Bugs: Fixed the problem that the fault code cycle is stuck after clicking the clear code button on the new screen
HINO	V18.40	1. Summary Added basic function, actuation test and 23 special function under 7 systems for Hino Liesse2 caravan; Added basic function, actuation test and special function under ENG&TCM (Engine & Transmission) system for Hino 300 Series.Added special function under ENG&TCM (Engine & Transmission) system for Hino 200 Series; Added new interface support for Manual forced regeneration of DPF function in Hino Systemsm, Optimize software structure; Added special functions for SCR system of Hino 300 series.

		2. New Function 1) added basic function, actuation test and special function for METER system. special function: Cruising Range Reset. 2) added basic function, actuation test and special function for ABS (brake) system; special function: Air Bleeding, Check Mode, Signal Mode, Test Mode, Inspection Mode; 3) added basic function and special function for Urea SCR (DENSO) system; special function: DEF Solution Addition Test, DEF Tank/Pump Check; 4) added basic function and actuation test for LKA_MAIN system; 5) added basic function for LKA_SUB system; 6) added basic function and actuation test for A/C system; 7) Added basic function and special function for ENG&TCM (Engine & Transmission) system; special function: Check Mode, Reset Memory, Catalyst Deterioration Learning Value Clear, Pilot Quantity Learning, Pilot Quantity Learning (Detail), Crank Time Compensation Learning Value Clear, A/F Sensor Learning Value Clear, DPF Deposition Value Clear, VIN Setting, ATF Thermal Degradation Estimate Reset, Pressure Discharge Valve Check, NOx Sensor Check, Reductant Injection Valve Check, PM Regenerate Mode; 8) Added new interface support for Manual forced regeneration of DPF function. 9) Added special functions for SCR system. special function: DEF Solution Addition Test, DEF Tank/Pump Check. 3. Optimized Function Optimize software structure. 4. Fixed Bugs Fixed parameter function under MBody(Main Body system) and PCS (Pre-Crash system) for Hino Liesse2 caravan.
DAF	V14.55	1. Summary Optimized the DAF search structure. Added the entry for common special functions. 2. New Functions Added the entry for common special functions. 3. Optimized Functions Optimized the DAF search structure. 4. Fixed Bugs None
HD_DEUTZ	V10.20	1. Summary Added basic functions for some systems of HD_DEUTZ. 2. New Function 1) Added basic functions for the EMR4 EDC17CV52 system. 2) Added basic functions for the EMR4 EDC17CV54 system. 3) Added basic functions for the EMR4 EDC17CV56 system. 4) Added basic functions for the EMR3 EDC7UC31 system. 5) Added basic functions for the EMR3 EDC16UC40 system. 6) Added basic functions for the LPG system. 7) Added basic functions for the BOSCH MD1 system. 3. Optimize Function None 4. Fix Bugs None
DELPHI	V12.57	1. Summary Optimized Sichuan Hyundai Delphi 2. New Functions None 3. Optimized Functions Optimized Sichuan Hyundai Delphi Clear DTC, Actuation Test and Special Function 4. Fixed Bugs None
JL ISUZU	V13.75	1. Summary Added special functions for EMS (Engine Management System) of JP360, Fushun (L536), Kaiyun (T822), Kaiyun (T822EX), V362MCA, V363, and Xinshidai Transit China VI (V348C). Added special functions for MRR (Radar Control System) of Lingyu. Updated the DTC library and optimized the software structure. 2. New Functions 1) Added special functions for EMS (Engine Management System) of JP360, Fushun (L536), Kaiyun (T822), Kaiyun (T822EX), V362MCA, V363, and Xinshidai Transit China VI (V348C). 2) Added special functions for MRR (Radar Control System) of Lingyu. 3. Optimized Functions Updated the DTC library and optimized the software structure. 4. Fixed Bugs None