

Diagnostic Software Update in June 2023

Diagnostic software coverage is available in the following link:

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

Passenger Car Software Upgrade

Software	Version	Update Info
RESET PROG	V10.83	<ol style="list-style-type: none">Summary Added data reading and writing function for DQ200G2 transmission after 2018, added reading and writing function for Freescale SCM(Single-Chip Microcomputer) MC9S12XDT128_without encryption, optimized reading and writing function for GM E80 engine, optimized restoration function for Siemens MSV90 engine.New Functions 1) Added data reading and writing function for DQ200G2 transmission after 2018; 2) Added reading and writing function for Freescale SCM(Single-Chip Microcomputer) MC9S12XDT128_without encryption.Optimized Functions 1) Optimized reading and writing function for GM E80 engine; 2) Optimized restoration function for Siemens MSV90 engine.Fixed Bugs None
LANDROVER	V34.50	<ol style="list-style-type: none">Summary Added speed scanning for topology and optimized rapid test.New Functions Added speed scanning for topology.Optimized Functions Optimized rapid test.Fixed Bugs NoneUpdates for Service Function None
RENAULT	V43.70	<ol style="list-style-type: none">Summary Added the ultra-fast scanning function. Optimized the safety gateway unlocking function. Optimized the ADAS calibration function.New Functions 1) Added the ultra-fast scanning function. 2) Optimized the safety gateway unlocking function. 3) Optimized the ADAS calibration function.Optimized Functions NoneFixed Bugs None
SEAT	V28.40	<ol style="list-style-type: none">Summary Added ADAS (Advanced Driving Assisting System) calibration function for 2022 Seat vehicle model; Added basic function, special function for some of 2021-2022 vehicle model system; Updated data in channel about read data stream, basic configuration, matching, actuation test, log in and code function; Added sub-gateway coding function of some system; optimized on-line coding, on-line coding data, optimized on-line programming and on-line matching and calibration procedure; optimized system scanning, system entry, advanced version information, sub-system version information, actuation test, basic adjustment and sub-system coding function; optimized special functions including Air Suspension Matching, brake pad replacement, steering angle learning, battery matching.

		<p>2. New Functions</p> <p>1) Added ADAS (Advanced Driving Assisting System) calibration function for 2022 year model Alhambra,Arona,Ateca,Born,Formentor,Ibiza,Leon,Mii,Tarraco;</p> <p>2) Added basic function and special function for 2021-2022 year model Alhambra,Arona,Ateca,Born,Formentor,Ibiza,Leon,Mii,Tarraco;</p> <p>3) Updated data in channel about read data stream, basic configuration, matching, actuation test, log in and code function;</p> <p>4) Added sub-gateway coding functions for some system;</p> <p>3. Optimized Functions</p> <p>5) Optimized and updated on-line coding, on-line programming data, optimized on-line programming and on-line matching and calibration procedure;</p> <p>6) Optimized system scanning and system entry;</p> <p>7) Optimized advanced version information and sub-system version information, sub-system coding function;</p> <p>8) Optimized actuation test and basic adjustment function of some model system;</p> <p>9) Optimized special functions including Air Suspension Matching, brake pad replacement, steering angle learning, battery matching;</p> <p>4. Fixed Bugs</p> <p>None</p>
LIFAN	V13.12	<p>1. Summary</p> <p>Added the function of Lifan vehicle model and optimized the software structure.</p> <p>2. New Functions</p> <p>Added the functions of Lifan Maiwei TCU transmission system and X60 ABS BWI(Beijing West Industries) etc.</p> <p>3. Optimized Functions</p> <p>None.</p> <p>4. Fixed Bugs</p> <p>Modified the software problem of fault code clearing command for Xuanlang CVT transmission system.</p>
HONDA	V48.81	<p>1. Summary</p> <p>Fixed the illustration problem of ADAS function.</p> <p>2. New Functions</p> <p>None</p> <p>3. Optimized Functions</p> <p>None</p> <p>4. Fixed Bugs</p> <p>Fixed the illustration problem of ADAS function.</p>
SMART	V18.20	<p>1. Summary</p> <p>Optimized the Reset function.</p> <p>2. New Functions</p> <p>None.</p> <p>3. Optimized Functions</p> <p>Optimized the Reset function.</p> <p>4. Fixed Bugs</p> <p>None.</p>
SKODA	V28.45	<p>1. Summary</p> <p>Added ADAS (Advanced Driving Assisting System) calibration function for 2022 Skoda vehicle model; Added basic function, special function and guided function for some of 2021-2022 vehicle model system; Updated data in channel about read data stream, basic configuration, matching, actuation test, log in and code function; Added sub-gateway coding function of some system; added special function including relevant compression function, EGR self-learning, SCR (Selective catalytic reduction), high voltage cutoff/enabled, roof initialization, seat calibration, window and door calibration, nitrogen oxide emergency regeneration, language setup, transport mode, coolant replacement; optimized on-line coding, on-line coding data, optimized on-line programming and on-line matching and calibration procedure; optimized system scanning, system entry, advanced version information, sub-system version information, actuation test, basic adjustment and sub-system coding function; optimized special functions including Air Suspension Matching, brake pad replacement, steering angle learning, battery matching.</p> <p>2. New Functions</p> <p>1) Added ADAS (Advanced Driving Assisting System) calibration function for 2022 year model Fabia,Kodiaq,Kamiq,Karoq,Octavia,Superb,Rapid,Rapid/Spaceback;</p> <p>2) Added basic function and special function for 2021-2022 year model Fabia,Kodiaq,Kamiq,Karoq,Octavia,Superb,Rapid,Rapid/Spaceback;</p> <p>3) Added guided functions of engine system, transmission electronic control system, brake electrical device, Central Electrical System, airbag, Power Steering, instrument panel, 4WD electronics, power steering, Immobilizer, Horizontal Height Regulation System, driver seat adjustment device, Comfort system central module, Emergency call module and communication unit system for 2021-2022 year model Fabia,Kodiaq,Kamiq,Karoq,Octavia,Superb,Rapid,Rapid/Spaceback;</p> <p>4) Updated data in channel about read data stream, basic configuration, matching, actuation test, log in and code function;</p> <p>5) Added sub-gateway coding functions for some system;</p> <p>6) Added special functions including compression function, EGR self-learning, SCR (Selective catalytic reduction), high voltage cutoff/enable, roof initialization, seat calibration, door and window calibration, nitrogen oxide, language setup, transport mode, coolant replacement;</p> <p>3. Optimized Functions</p> <p>1) Optimized and updated on-line coding, on-line programming data, optimized on-line programming and on-line matching and calibration procedure;</p> <p>2) Optimized system scanning and system entry;</p>

		<p>3) Optimized advanced version information and sub-system version information, sub-system coding function;</p> <p>4) Optimized actuation test and basic adjustment function of some model system;</p> <p>5) Optimized special functions including Air Suspension Matching, brake pad replacement, steering angle learning, battery matching</p> <p>4. Fixed Bugs None</p>
SPRINTER	V21.60	<p>1. Summary Added speed scanning for topology and optimized rapid test</p> <p>2. New Functions Added speed scanning for topology and optimized rapid test</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs None</p>
CITROEN	V41.85	<p>1. Summary Added ADAS LITE supported; added C4 X and C3(CC21) model supported.</p> <p>2. New Functions None</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs None</p>
IMM_SUBARU	V10.04	<p>1. Summary Perfected multilingual support</p> <p>2. New functions None</p> <p>3. Optimized functions None</p> <p>4. Fixed bugs None</p>
NISSAN	V45.31	<p>1. Summary Optimized the ADAS function structure.</p> <p>2. New Functions None</p> <p>3. Optimized Functions Optimized the ADAS function structure.</p> <p>4. Fixed Bugs None</p>
IMM_HYUNDAI	V10.10	<p>1. Summary Added anti-theft function for models from 2022 to 2023. Optimized the software structure.</p> <p>2. New Functions Added anti-theft function for models from 2022 to 2023.</p> <p>3. Optimized Functions Optimized the software structure.</p> <p>4. Fixed Bugs None</p>
IMM_KIA	V10.10	<p>1. Summary Added anti-theft function for models from 2022 to 2023. Optimized software menu structure.</p> <p>2. New Functions Added anti-theft function for models from 2022 to 2023.</p> <p>3. Optimized Functions Optimized software menu structure.</p> <p>4. Fixed Bugs None</p>
LIUWEI_TY	V21.10	<p>1. Summary New support for Wuling Xingchen,Wuling Xingchi,Wuling Zhengtu,RS3-SOODA,Valli,Wuling Zhengcheng(2021,2022),Wuling E230,Wuling MINIEV Convertible,Wuling MINIEV GameBoy, Wuling Nano EV,Wuling jiachen and other models read fault code,clear fault code,read data stream and other basic functions and electronic shift calibration,online configuration of each electronic control system,key learning and other special functions.</p> <p>2. New Functions</p> <p>1)All the functions of 38 new systems such as engine,body and airbag for Wuling Xingchen models have been added</p> <p>2)All the functions of 17 new systems such as engine,body and airbag for Wuling Xingchi models have been added</p> <p>3)All the functions of 15 new systems such as engine,body and airbag for Wuling Zhengtu models have been added</p> <p>4)All the functions of 27 new systems such as engine,body and airbag for RS3-SOODA models have been added</p> <p>5)All the functions of 22 new systems such as engine,body and airbag for Valli models have been added</p> <p>6)All the functions of 12 new systems such as engine,body and airbag for Wuling Zhengcheng(2021,2022) models have been added</p> <p>7)All the functions of 27 new systems such as engine,body and airbag for Wuling E230 models have been added</p> <p>8)All the functions of 14 new systems such as engine,body and airbag for Wuling MINIEV Convertible models have been added</p>

		<p>9)All the functions of 19 new systems such as engine,body and airbag for Wuling MINIEV GameBoy models have been added</p> <p>10)All the functions of 20 new systems such as engine,body and airbag for Wuling Nano EV models have been added</p> <p>11)All the functions of 17 new systems such as engine,body and airbag for Wuling jiachen models have been added</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs None</p>
IMM_ MAHINDRA	V10.20	<p>1. Summary Add BS6 Immobiliser Functions.</p> <p>2. New Functions None</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs None</p>
IMM_FUTIAN	V10.10	<p>1. Summary Support the Anti-theft related function of engine system for SUP、U201、MPX、TOANO、Tunland、Tunland(2015)、Tunland(P202)、Tunland(P202 china VI)、JATU、JATU(IM)、JATU(IX) models and Anti-theft related function of Body Control system for Tunland(P202 china VI).</p> <p>2. New Functions 1)Newly Support Anti-theft related function of engine system for SUP、U201、MPX、TOANO、Tunland、Tunland(2015)、Tunland(P202)、Tunland(P202 china VI)、JATU、JATU(IM)、JATU(IX) models . 2)Newly Support Anti-theft related function of Body Control system for Tunland(P202 china VI).</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs None</p>
FUTIAN	V13.90	<p>1. Summary Added 27 systems (such as engine, body, electronic brake system) for Tunland (P203), Tunland P202 (China VI), K1, TOANO, Xiangling, Yuling, etc.</p> <p>2. New Functions 1)Added basic functions and special functions for 13 systems (such as engine, driving recorder, electronic brake system) of PIONEER CAMP P203. 2)Added basic functions and special functions for 6 systems, such as the body system of Tunland P202 (China VI), the electric power system of GRATOUR IM, electronic brake system and electric power system of TOANO. 3)Added basic functions and special functions for 8 ABS systems of Xiangling and Yuling.</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs Fixed the engine security check bug for TOANO 4F20TC.</p>
MT_HARLEY	V10.13	<p>1. Summary Fixed issue that system data stream under some vehicle model system list is not accurate.</p> <p>2. New Functions None</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs Fixed issue that system data stream under some vehicle model system list is not accurate.</p> <p>5. Service function update None</p>
IMM_SAICMG	V10.10	<p>1. Summary Added basic function and special function for IMMO system of vehicle models MULAN, ONE.</p> <p>2. New Functions Added basic function and special function for IMMO system of vehicle models MULAN, ONE</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs None</p>
ECUAID	V11.70	<p>1. Summary Added Logistar 100 models.</p> <p>2. New Functions Added Logistar 100 models.</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs None</p>

JAC	V19.30	<ol style="list-style-type: none"> Summary Added SUNRAY 2.0CTI new vehicles and added device function about ADAS LITE. New Functions 1) Added SUNRAY 2.0CTI new vehicles. 2) Added device function about ADAS LITE. Optimized Functions None Fixed Bugs None
BENZ	V50.15	<ol style="list-style-type: none"> Summary Added basic functions, actuation test, and special functions for all systems under chassis 243. For new energy devices, added support for models with the chassis such as 192, 214, and 254. Added the programming function for systems such as the 48-V on-board power grid battery, DC/DC converter, powertrain system (PTCU) under chassis 223, 206, 232, 236, 254, etc. New Functions 1) Added basic functions, actuation test, and special functions for all systems under chassis 243. 2) For new energy devices, added support for models with the chassis such as 192, 214, and 254. 3) Added the programming function for systems such as the 48-V on-board power grid battery, DC/DC converter, powertrain system (PTCU) under chassis 223, 206, 232, 236, 254, etc. Optimized Functions 1) Optimized special functions for the SBC system under chassis 211. 2) Optimized actuation test and special functions for the IC system under chassis 212, 218, 207, 197, 204, 172, etc. Fixed Bugs Corrected the following special function for the TPMS (Tire Pressure Monitoring System) under chassis 212: Write identification numbers of tire pressure sensors
PEUGEOT	V43.95	<ol style="list-style-type: none"> Summary Added ADAS LITE supported; added 408 X and 408 (P54) model supported. New Functions None Optimized Functions None Fixed Bugs None
SAICMG	V13.25	<ol style="list-style-type: none"> Summary Added special function for ONE, MULAN model, added basic function and special function for AS23PMCE, EP21_MCE_EU New Functions Added special function for ONE, MULAN model, added basic function and special function for AS23PMCE, EP21_MCE_EU Optimized Functions None Fixed Bugs None
DR	V10.30	<ol style="list-style-type: none"> Summary Added dr1.0 and dr3.0 vehicles diagnostic functions. New Functions Added dr1.0 and dr3.0 vehicles diagnostic functions. Optimized Functions Optimization diagnostic software. Fixed Bugs None
USAFORD	V49.50	<ol style="list-style-type: none"> Summary Added Online Special Functions Of 2011-2022MY Models; Optimized Software Structure. New Functions Added Online Special Functions Of Light Emitting Diode(LED) Control Module Reset, EPB(Electronic Parking Brake) Maintenance Tool, EPB(Electronic Parking Brake) Initialization, IVD(Interactive Vehicle Dynamic) Initialization Sequence, Power Battery Capacity Relearning, Steering Angle Sensor Calibration, Light Emitting Diode(LED) Control Module Configuration, Particulate Filter Static Regeneration, Throttle Body Washing, Resetting Fuel Metering Valve Learning Value, Resetting Heater Oxygen Sensor(HO2S) Learning Value, Resetting Exhaust Temperature Value, Resetting Fuel Rail Pressure(FRP) Sensor Learning Value, Setting Warranty Start Date, Clearing Transmission Adaptive Table, Injector Correction Coefficient, Brake System Pressure Bleeding, Odometer Configuration, Clearing RCM(Security Protection System Control Module) Collision Data, ABS(Anti-lock Braking System) Calibration, TPMS(Tire Pressure Monitoring System) Initialization, Resetting BCM(Body Control Module), 360 Degree Camera Alignment, Professional Trailer And Reversing Auxiliary Camera Alignment, LIN New Module Initialization And IPMA(Image Processing Module A) Alignment Etc. For Models Such As 2011-2022MY Ford Explorer, Ford Bronco, Ford Expedition, Ford Transit, F-150, F-Series Super Duty, E-Series, F-650/F-750, Mach-E, Ford Aviator, Ford Navigator, Ranger/Mazda B Series/Troller, Everest, Ford Edge, Ford EcoSport, Ford KA Mini Car/Figo, Lincoln MKX/Nautilus, Mondeo, Focus, Ford Edge/Ford Galaxy/S-Max, Zephyr, Ford Ranger, Connect(Transit Connect), Transit/Courier, Ford Fiesta 2013, Ford Fiesta, Ford Fusion, Ford Focus C-MAX, Ford B-Max, Ford Kuga/Ford Escape(Asia), Ford Escape(Asia)/Ford Kuga, Corsair, Ford Kuga, Transit Connect/Tourneo Connect Etc. Optimized Functions Optimized Software Structure.

		4. Fixed Bugs None
VAZ	V16.10	1. Summary Added basic functions for M86 CNG (Largus-2), Jatco JF015E CVT, EMM T4V20 (Vesta, Xray) 2. New Functions 1)Added M86 CNG (Largus-2) system version information, DTC, data stream function. 2)Added Jatco JF015E CVT system version information, DTC, data stream function. 3)Added EMM T4V20 (Vesta, Xray) system version information, DTC, data stream function. 3. Optimized Functions None 4. Fixed Bugs None
BMS	V10.24	1. Summary Added the battery pack configuration information Optimized the software structure. 2. New Functions New Issue BMS software 3. Optimized Functions None 4. Fixed Bugs None
MAZDA	V43.40	1. Summary Added 2023 CX-60 support and data writing support of CCC (Central vehicle configuration) 2. New functions 1)Added 2023 CX-60 support 2)Added data writing support of CCC (Central vehicle configuration) 3. Optimized functions 1)Optimized PCM service functions for MAZDA2 and MAZDA3 2)Optimized software structure 4. Fixed bugs None

Heavy-Duty Truck Software Upgrade

Software	Version	Update Info
HD_PACCAR	V11.26	1. Summary Added Parameter Function Support For Paccar PCI System. Added Automatic Searching of VECU. 2. New Functions Added Parameter Function Support For Paccar PCI System. Added Automatic Searching of VECU. 3. Optimized Functions Optimized The Structure Of Software. 4. Fixed Bugs None.
HD_BENZ	V18.20	1. Summary Added actuation test and special functions for some systems. 2. New Functions 1)Added actuation test and special functions for the CLCS (level control system) of buses. 2)Added special functions for the NR1 (single section bus or front car level control) or HM (rear module) of buses. 3) Added special functions for the ACM (exhaust aftertreatment) of buses. 4) Added actuation test and special functions for the MCM (engine management system) of buses. 3. Optimized Functions None 4. Fixed Bugs None
HD_SETRA	V11.11	1. Summary Added actuation test and special functions for some systems. 2. New Functions 1) Added actuation test and special functions for the CLCS (level control system). 2) Added special functions for the NR1 (single section bus or front car level control) or HM (rear module). 3) Added special functions for the ACM (exhaust aftertreatment). 4) Added actuation test and special functions for the MCM (engine management system). 3. Optimized Functions

		<p>None</p> <p>4. Fixed Bugs</p> <p>None</p>
HD_KARSAN	V10.01	<p>1. Summary</p> <p>New diagnostic system for Jest+/Jestronic、Atak、Star models.</p> <p>2. New Functions</p> <p>1) New diagnostic system for Atak models, including Electronic Diesel Control,Common Rail, Exhaust gas treatment system, Electronic Braking System, Electronically Controlled Air Suspension, Gearbox management system, Gearbox with electronic control.</p> <p>2) New diagnostic system for Jest+/Jestronic models, including Electronic Diesel Control, Common Rail, Driver assistance camera.</p> <p>3) New diagnostic system for Star models, including Electronic Diesel Control,Common Rail, Electronically Controlled Air Suspension, Electronic Braking System, Gearbox management system</p> <p>3. Optimized Functions</p> <p>None</p> <p>4. Fixed Bugs</p> <p>None</p>
CAMC	V10.60	<p>1. Summary</p> <p>Added special functions for Hirain_GW、ZF_ATM_V520000、Kormee_ECAS、Hirain_ADAS、Freetech_AEB, The CAMC_P1288_EDC17CV44+DNOx2.2(Self-Recognition) system added ,Updated fault code libraty for Freetech_AEBS、Baolong_TPMS、Hirain_BCM、Hirain_ADAS、CAMC_H7_H9_IC、Kormee_ECAS</p> <p>2. New Functions</p> <p>1) Hirain_GW's special features</p> <p>2) ZF_ATM_V520000's special features</p> <p>3) Kormee_ECAS's special features</p> <p>4) Hirain_ADAS's special features</p> <p>5) Freetech_AEB's special features</p> <p>6)CAMC_P1288_EDC17CV44+DNOx2.2(Self-Recognition) version information , read code clear code,read data stream,action test ,special features</p> <p>7) Updated fault code libraty for Freetech_AEBS、Baolong_TPMS、Hirain_BCM、Hirain_ADAS、CAMC_H7_H9_IC、Kormee_ECAS</p> <p>3. Optimize Functions</p> <p>Optimized software structure.</p> <p>4. Fix Bugs</p> <p>None</p>
HD_TYM	V10.01	<p>1. Summary</p> <p>Added Diagnostic Support for TYM, including TX Series, T Series.</p> <p>2. New Functions</p> <p>Added Diagnostic Support for TYM, including TX Series, T Series.</p> <p>3. Optimized Functions</p> <p>None.</p> <p>4. Fixed Bugs</p> <p>None.</p>
HD_ASHOK_LEYLAND	V10.71	<p>1. Summary</p> <p>Updated the DTC library for DCM H3/H4 diesel electronic control common rail system.</p> <p>2. New Functions</p> <p>None.</p> <p>3. Optimized Functions</p> <p>Updated the DTC library for DCM H3/H4 diesel electronic control common rail system.</p> <p>4. Fixed Bugs</p> <p>None</p>
HD_VERSATILE	V10.01	<p>1. Summary</p> <p>Added Diagnostic Support for VERSATILE, including 2000 Series, 200 Series, 300 Series, 400 Series, 500 Series, 600 Series.</p> <p>2. New Functions</p> <p>Added Diagnostic Support for VERSATILE, including 2000 Series, 200 Series, 300 Series, 400 Series, 500 Series, 600 Series.</p> <p>3. Optimized Functions</p> <p>None.</p> <p>4. Fixed Bugs</p> <p>None.</p>
HD_WEYCOR	V10.01	<p>1. Summary</p> <p>Added Diagnostic Support for WEYCOR, including AW1100 Series.</p> <p>2. New Functions</p> <p>Added Diagnostic Support for WEYCOR, including AW1100 Series.</p> <p>3. Optimized Functions</p> <p>None.</p> <p>4. Fixed Bugs</p> <p>None.</p>

HD_WIRTGEN	V10.01	<ol style="list-style-type: none"> 1. Summary Added Diagnostic Support for WIRTGEN, including SM Series, W Series. 2. New Functions Added Diagnostic Support for WIRTGEN, including SM Series, W Series. 3. Optimized Functions None 4. Fixed Bugs None.
HD_VALPADANA	V10.01	<ol style="list-style-type: none"> 1. Summary Added Diagnostic Support for VALPADANA, including 9600 Series. 2. New Functions Added Diagnostic Support for VALPADANA, including 9600 Series. 3. Optimized Functions None. 4. Fixed Bugs None.
HD_WEILER	V10.01	<ol style="list-style-type: none"> 1. Summary Added Diagnostic Support for WEILER, including B Series, C Series, D Series, E Series, H Series, K Series, M Series, P Series, S Series, W Series. 2. New Functions Added Diagnostic Support for WEILER, including B Series, C Series, D Series, E Series, H Series, K Series, M Series, P Series, S Series, W Series. 3. Optimized Functions None. 4. Fixed Bugs None.
HD_ZOOMLION	V10.01	<ol style="list-style-type: none"> 1. Summary Added Diagnostic Support for ZOOMLION, including AS Series, QUY Series, RT Series, ZCC Series, ZDG Series, ZE Series, ZR Series, ZT Series. 2. New Functions Added Diagnostic Support for ZOOMLION, including AS Series, QUY Series, RT Series, ZCC Series, ZDG Series, ZE Series, ZR Series, ZT Series. 3. Optimized Functions None. 4. Fixed Bugs None.
HD_VERMEER	V10.01	<ol style="list-style-type: none"> 1. Summary Added Diagnostic Support for VERMEER, including BC Series, D Series, FT Series, HG Series, SC Series, T Series, TG Series, TR Series, WC Series. 2. New Functions Added Diagnostic Support for VERMEER, including BC Series, D Series, FT Series, HG Series, SC Series, T Series, TG Series, TR Series, WC Series. 3. Optimized Functions None. 4. Fixed Bugs None.
HD_TEREX	V10.01	<ol style="list-style-type: none"> 1. Summary Added Diagnostic Support for Terex, including 1065, 1075, 1100, MAC 50, R265T, RT 130, RT 230, RT 555, RT 670, RT 780, T340-1, TA 25, TA 250, TA 27, TA 30, TA 300, TC 210, TC 240, TC 260, TFC 45, TFC 46, TL 210, TL 260, TL 310, TL 420, TL 450, TR 100, TR 35, TR 45, TR 60. 2. New Functions Added Diagnostic Support for Terex, including 1065, 1075, 1100, MAC 50, R265T, RT 130, RT 230, RT 555, RT 670, RT 780, T340-1, TA 25, TA 250, TA 27, TA 30, TA 300, TC 210, TC 240, TC 260, TFC 45, TFC 46, TL 210, TL 260, TL 310, TL 420, TL 450, TR 100, TR 35, TR 45, TR 60. 3. Optimized Functions None. 4. Fixed Bugs None.
HD_TATOMA	V10.01	<ol style="list-style-type: none"> 1. Summary Added Diagnostic Support for Tatoma, including Superbmix MBS 30. 2. New Functions Added Diagnostic Support for Tatoma, including Superbmix MBS 30. 3. Optimized Functions None. 4. Fixed Bugs None.
	V10.01	<ol style="list-style-type: none"> 1. Summary

HD_TADANO_FAU		<p>Added Diagnostic Support for Tadano_Faun, including GTC-350, GTC-600, GTC-800.</p> <p>2. New Functions Added Diagnostic Support for Tadano_Faun, including GTC-350, GTC-600, GTC-800.</p> <p>3. Optimized Functions None.</p> <p>4. Fixed Bugs None.</p>
HD_CRUSADER	V10.01	<p>1. Summary Add engine systems for Challenger series, Classic series, and Offshore series in CRUSADER Diagnostic Software.</p> <p>2. New Functions 1) Add engine systems for Challenger series models Monsoon 350, Monsoon 409, Monsoon 450, S 5.7L, S 6.0L, S 6.0L HO in the CRUSADER diagnostic software. 2) Add engine systems for Classic series models 454 XL, 5.0 MPI, 5.7 MPI, 6.0 MPI, 7.4 L MPI, 8.1 HO MPI, 8.1 MPI, Power Pack SD in the CRUSADER diagnostic software. 3) Add engine systems for Offshore series models 6.0 HO MPI in the CRUSADER diagnostic software.</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs None</p>
HD_STARA	V10.01	<p>1. Summary Added Diagnostic Support for Stara, including Imperador 3.0 Series, Imperador 3.0 CV Series, Imperador 3000 Series, Imperador 4000 Series.</p> <p>2. New Functions Added Diagnostic Support for Stara, including Imperador 3.0 Series, Imperador 3.0 CV Series, Imperador 3000 Series, Imperador 4000 Series.</p> <p>3. Optimized Functions None.</p> <p>4. Fixed Bugs None.</p>
HD_SUNWARD	V10.01	<p>1. Summary Added Diagnostic Support for SUNWARD, including SWC 500 Series, SWC 600 Series, SWC 700 Series, SWC 800 Series, SWD 08 Series, SWD 10 Series, SWD 100 Series, SWD 20 Series, SWD 200 Series, SWD 30 Series, SWD 300 Series, SWD 40 Series, SWD 400 Series, SWD 500 Series, SWD 60 Series, SWD 80 Series, SWE 10.</p> <p>2. New Functions Added Diagnostic Support for SUNWARD, including SWC 500 Series, SWC 600 Series, SWC 700 Series, SWC 800 Series, SWD 08 Series, SWD 10 Series, SWD 100 Series, SWD 20 Series, SWD 200 Series, SWD 30 Series, SWD 300 Series, SWD 40 Series, SWD 400 Series, SWD 500 Series, SWD 60 Series, SWD 80 Series, SWE 10.</p> <p>3. Optimized Functions None.</p> <p>4. Fixed Bugs None.</p>
HD_ATKINSON	V10.01	<p>1. Summary Six new system functions of models T6 Strato, R6 Strato, R5 Strato, M6 Pacer, M5 Pacer and Euromover are added, including Gearbox management system, Instrument cluster system, Body computer system, Parameter setting of gearbox, Gearbox with electronic control, Engine Management System, Unit Injector System, Electronically Controlled Air Suspension, Antilock braking system.</p> <p>2. New Functions 1) Add system functions for model T6 Strato, including Gearbox management system, Instrument cluster system, Body computer system, Parameter setting of gearbox, Gearbox with electronic control, Engine Management System, Unit Injector System, Antilock braking system. 2) Add system functions for model R6 Strato, including Gearbox management system, Instrument cluster system, Body computer system, Engine Management System, Unit Injector System, Antilock braking system. 3) Add system functions for model R5 Strato, including Gearbox management system, Instrument cluster system, Body computer system, Engine Management System, Unit Injector System, Antilock braking system. 4) Add system functions for model M6 Pacer, including Engine Management System, Unit Injector System, Antilock braking system. 5) Add system functions for model M5 Pacer, including Engine Management System, Unit Injector System, Antilock braking system. 6) Add system functions for model Euromover, including Engine Management System, Electronically Controlled Air Suspension, Unit Injector System, Antilock braking system.</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs None</p>
DAF	V14.45	<p>1. Summary</p>

		<p>Added the diagnostic function for the ABS system, ECS DC3, and ECS DC4 engine systems.\</p> <ol style="list-style-type: none"> 2. New Functions Added the diagnostic function for the ABS system, ECS DC3, and ECS DC4 engine systems. 3. Optimized Functions Optimized the software structure. 4. Fixed Bugs None
HD_WABCO_ABS	V11.10	<ol style="list-style-type: none"> 1. Summary Added supported language Russian and Korean 2. New Functions None 3. Optimized Functions Optimized the software structure. 4. Fixed Bugs None
HD_ASKAM	v10.01	<ol style="list-style-type: none"> 1. Summary Add Auxiliary brakes、 Brakes and Engine systems for ASKAM Diagnostic Software. 2. New Functions Add Auxiliary brakes、 Brakes and Engine systems for model Hi-Ex Series(AS 19.300 LN). Add Auxiliary brakes、 Brakes and Engine systems for model Hi-Ex Series(AS 19.300 SN). Add Auxiliary brakes、 Brakes and Engine systems for model Hi-Ex Series(AS 19.300 ST). Add Auxiliary brakes、 Brakes and Engine systems for model Hi-Ex Series(AS 26.300 FT). Add Auxiliary brakes、 Brakes and Engine systems for model Hi-Ex Series(AS 26.300 LN). Add Auxiliary brakes、 Brakes and Engine systems for model Hi-Ex Series(AS 26.300 SN). Add Auxiliary brakes、 Brakes and Engine systems for model Hi-Ex Series(AS 32.300 LN). 3. Optimized Functions None 4. Fixed Bugs None
FAW JIEFANG	V13.98	<ol style="list-style-type: none"> 1. Summary Added ZF Fredrichshafen transmission-J7 calibration and self-learning function. 2. New Functions Added ZF Fredrichshafen transmission-J7 system slope sensor calibration, start rolling radius learning and self-learning function. 3. Optimized Functions None 4. Fixed Bugs none
HD_HINO	V18.20	<ol style="list-style-type: none"> 1. Summary Added basic functions for Hino 200 series. Added system support for 700, 600, 500, and 300 series up to 2023. Optimized the software structure. 2. New Functions Added the ECM & DCU (Engine & Selective Catalytic Reduction System), ECM & TCM (Engine & Transmission Control Module), ABS (Anti-lock Brake System), SRS (Supplemental Restraint System), IMMO (Immobilizer System), AHB (Automatic High Beam), LDWS (Scanning Cruise Control/LDWS/PCS), FRD (Front Radar System), PCS (Pre-collision System), ESSF (Error Start Suppression Function), and A/C (Air Conditioning) for 200 series. 3. Optimized Functions 1)Optimized the speed limiting function. 2)Optimized the software structure. 4. Fixed Bugs None
HD_MERCURY MC	V10.01	<ol style="list-style-type: none"> 1. Summary Added a variety of vehicle diagnostic system. 2. New Functions The new model diagnostic system includes Levers control electronic module, Engine electronic control system, Digital throttle and shift, Course control system. 3. Optimized Functions None 4. Fixed Bugs None
HD_MERCURY RAC	V10.01	<ol style="list-style-type: none"> 1. Summary Added a variety of ship diagnosis system. 2. New Functions New ship diagnostic system includes Engine electronic control system,Digital throttle and shift,Course control system. 3. Optimized Functions None 4. Fixed Bugs None

HD_BENZ	V18.21	<ol style="list-style-type: none"> 1. Summary Fixed VAN vehicle related issues 2. New Functions None 3. Optimized Functions None 4. Fixed Bugs Fixed issue that some vehicle model is not able to display data stream
HD_SOR	V10.01	<ol style="list-style-type: none"> 1. Summary Add diagnosis function for SOR model engine system, after-treatment system, transmission system and brake system. 2. New Functions Add diagnosis function for SOR model engine system, after-treatment system, transmission system and brake system. 3. Optimized Functions None 4. Fixed Bugs None
HD_CATERPILLAR	V11.75	<ol style="list-style-type: none"> 1. Summary Fixed some known issues. 2. New Functions None. 3. Optimized Functions None. 4. Fixed Bugs Fixed some known issues.
HD_VOLVO	V18.10	<ol style="list-style-type: none"> 1. Summary Added a quick scan entry for commonly used special functions. 2. New Functions Added a quick scan entry for commonly used special functions (including: gearbox replacement, suspension calibration, etc.). 3. Optimized Functions Optimize the structure of the software. 4. Fixed Bugs None.
HD_PACCAR	V11.27	<ol style="list-style-type: none"> 1. Summary Optimized The Fault Clearing Function. 2. New Functions None. 3. Optimized Functions Optimized The Fault Clearing Function. 4. Fixed Bugs None.