

Diagnostic Software Update in March 2024

Diagnostic software coverage is available in the following link:

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

Passenger Car Software Upgrade

Software	Version	Update Info
AUDI	V29.00	1. Summary Added the fault guiding functions, guided functions and ADAS (Advanced Driver Assistance System) function for some 2022-2023 Audi models. Added basic functions and special functions for systems of most 2022-2023 models. Updated the data for performing the functions Read Data Streams, Basic Configuration, Matching, Actuation Test, Login, and Coding by Channel Number. Added the troubleshooting function for some DTCs. Optimized the data of online coding, online safety login, and online programming. Optimized the fault guiding system scanning and picture display. Optimized the system model identification for some special functions. Optimized the SFD (vehicle diagnosis protection) activation function. Optimized the special functions such as air suspension matching and personalization setting. Fixed the data stream reading bug in the nitric oxide catalyst emergency regeneration function. 2. New Functions 1) Added the fault guiding functions, guided functions and ADAS (Advanced Driver Assistance System) function for the following systems of 2022-2023 A1, A3, A4, A5, A6, A7, A7L, A8, E-tron, GT E-tron, Q2, Q3, Q4 E-tron, Q5, Q5 E-tron, Q6, Q7, Q8, R8, TT: engine system, gearbox ECU system, brake electronic device, electronic central electrical device, airbag, steering column electronic device, instrument panel, data bus diagnosis interface, parking assist, comfort convenient system central module, HRA (Headlight Range Adjustment), high voltage battery charging device, auxiliary heating device/parking heating system, etc. 2) Added basic functions and special functions for systems of most 2022-2023 models. 3) Updated the data for performing the functions Read Data Streams, Basic Configuration, Matching, Actuation Test, Login, and Coding by Channel Number. 4) Added the troubleshooting function for some DTCs. 3. Optimized Functions 1) Optimized the data of online coding, online safety login, and online programming. 2) Optimized the fault guiding system scanning and picture display. 3) Optimized the system model identification for some special functions. 4) Optimized the ultra-fast test. 5) Optimized the SFD (vehicle diagnosis protection) activation function. 6) Optimized the special functions such as air suspension matching and personalization setting. 4. Fixed Bugs Fixed the data stream reading bug in the nitric oxide catalyst emergency regeneration function.
SUBARU	V25.70	1. Summary Optimized the software structure; Fixed Camera all adjustment mode(replacement/removal) function; Fixed the parameter selection function; Fixed the parameter confirmation function; Fixed the re-zeroing function; 2. New functions None 3. Optimized functions Optimized the software structure 4. Fixed Bugs 1)Fixed Camera all adjustment mode(replacement/removal) function; 2)Fixed the parameter selection function; 3)Fixed the parameter confirmation function; 4)Fixed the re-zeroing function;
MAZDA	V43.70	1. Summary Added basic functions for MAZDA2 models after 2022. 2. New Functions Added basic functions for MAZDA2 models after 2022. 3. Optimized Functions

		Optimized software structure. 4. Fixed Bugs None 5. Add service None
LANDROVER	V34.77	1. 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. 2. 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.. 3. Optimized Functions None 4. Fixed Bugs 1) Fixed the motor replacement and bleeding functions for some models; 2) Fixed other known issues. 5. Updates for Service Function None
CHANGAN	V18.00	1. Summary Added basic functions for the following 6 car models: Qiyuan A07, third-generation CS75 PLUS [PHEV], third-generation CS75 PLUS [fuel car model], EADO PLUS Changxiang edition, 2023 UNI-K, 2023 UNI-K (with advanced driver assistance Yueling model). Added special functions for the following 4 car models: DEEPAL S7, Yida and Ruicheng PLUS, Explorer 2. New Functions 1)Added basic functions for the following 6 car models: Qiyuan A07, third-generation CS75 PLUS [PHEV], third-generation CS75 PLUS [fuel car model], EADO PLUS Changxiang edition, 2023 UNI-K, 2023 UNI-K (with advanced driver assistance Yueling model) 2)Added special functions for the following 4 car models: DEEPAL S7, Yida and Ruicheng PLUS, Explorer 3. Optimized Functions None 4. Fixed Bugs None
PEUGEOT	V44.07	1. Summary: Added basic functions and actuation test for multiple types of ECU; optimized VIN automatic recognition function and speed scanning method. 2. 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. 3. Optimized Function: 1) Optimized VIN automatic recognition function. 2) Optimized speed scanning method. 4. Fixed Bugs: None
FIAT	V38.30	1. Summary Added basic functions and actuation test for Pacifica 2018-2024, Pulse 2022-2023, RenegadeBV 2019-2022 models; Added special functions for year 2021 Ducato MCA model, including Assembly Check, Control unit reprogramming, PROXI alignment procedure; Added special functions for year 2018 Cherokee model, including Configure IBS for Stop-Start, Auto Door Lock, Sound Horn on Remote Start; Optimized input box interface. 2. New Functions 1)Added basic function for Pacifica 2018-2024,Pulse 2022-2023, RenegadeBV 2019-2022 models. 2)Added actuation test for Pacifica 2018-2024,Pulse 2022-2023, RenegadeBV 2019-2022 models. 3)Added special functions for year 2021 Ducato MCA model, including Assembly Check, Control unit reprogramming, PROXI alignment procedure. 4)Added special functions for year 2018 Cherokee model, including Configure IBS for Stop-Start, Auto Door Lock, Sound Horn on Remote Start. 3. Optimized Functions 1)Optimized input box interface 4. Fixed Bugs None 5. Maintenance Service Update 1)Anti-Theft Matching 2)DPF Regeneration 3)Tire Pressure Reset 4)Battery Replacement

		5)ABS Bleeding 6)Steering Angle Learning 7)Brake Pad Replacement 8)Throttle Learning 9)Injector Code 10)Oil change
LANDROVER	V34.78	1. 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. 2. 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.. 3. Optimized Functions None 4. Fixed Bugs 1) Fixed the motor replacement and bleeding functions for some models; 2) Fixed other known issues. 5. Updates for Service Function None
NISSAN	V45.62	1. Summary Optimized model menu for Venucia; Fixed "mileage" data inaccurate issue for the X-Trail model. 2. New Function None 3. Optimized Function Optimized model menu for Venucia 4. Fixed Bugs Fixed "mileage" data inaccurate issue for the X-Trail model
EV_HYCAN	V10.20	1. Summary Added basic functions and special functions for HYCAN V09 and G05A.Support for english.Optimize partial data stream for G05 and G06 model. 2. New Functions Added the following basic functions and special functions for HYCAN V09 and G05A: version information, read data streams, read DTCs, clear DTCs, actuation test, dynamic calibration, electric pedal learning, panoramic calibration, power tailgate learning max opening, key learning, electronic lock self-test, tire pressure sensor calibration. 3. Optimized Functions Optimize partial data stream for G05 and G06 model 4. Fixed Bugs None
SGM	V53.10	1. Sunmary Added version information, DTC reading, DTC clearing, data stream, actuation test and special functions for 2024 Buick Enclave,Envision,Chevrolet Blazer,Equinox and Cadillac CT5,Optiq,Celestiq. 2. New Functions Added version information, DTC reading, DTC clearing, data stream, actuation test and special functions for 2024 Buick Enclave,Envision,Chevrolet Blazer,Equinox and Cadillac CT5,Optiq,Celestiq. 3. Optimized Functions None. 4. Fixed Bugs None 5. Maintenance Service Updata None
SKODA	V28.50	1. Summary Added fault guidance function, guided functions and ADAS (Advanced Driving Assistance System) function for some models of 2022-2023 SKODA;added basic functions and special functions for most 2022-2023 models;updated the data of functions such as channel number data stream reading, basic setting, matching, actuation test, log-in and coding etc.;added fault repair function for some DTCs;added trailer matching and ABS bleeding function in special functions;optimized and updated the data of online coding, online security login and online programming;optimized system scanning and picture display of fault guidance and optimized system model identification of some special functions;optimized SFD(vehicle diagnostic protection) activation function, optimized special functions such as air suspension matching and hidden features unlocking etc.;fixed the problem of incorrect reading of data stream in the emergency regeneration function of nitrogen oxide catalyst. 2. New Functions 1) Added fault guidance function and guided functions of systems such as engine system, transmission control system, brake electronic device, electronic central electrical equipment, airbag, steering column electronic device, instrument panel, data bus diagnostic interface, parking assistance, comfort/convenience system central module, headlamp illumination distance adjustment and high voltage battery charging device etc. for models such as 2022-2023 SKODA Enyaq, Kushaq, Scala, Slavia, Fabia, Kodiak, Kamiq, Karoq,

		Octavia, Superb and Rapid etc. 2) Added ADAS (Advanced Driving Assistance System) calibration function for models such as 2022-2023 SKODA Enyaq, Kushaq, Scala, Slavia, Fabia, Kodiak, Kamiq, Karoq, Octavia, Superb and Rapid etc. 3) Added basic functions and special functions for most 2022-2023 models; 4) Updated the data of functions such as channel number data stream reading, basic setting, matching, actuation test, log-in and coding etc.; 5) Added fault repair function for some DTCs; 6) Added trailer matching and ABS bleeding function in special functions; 3. Optimized Functions 1) Optimized and updated the data of online coding, online security login and online programming; 2) Optimized system scanning and picture display of fault guidance; 3) Optimized system model identification of some special functions; 4) Optimized extreme speed test; 5) Optimized SFD(vehicle diagnostic protection) activation function ; 6) Optimized special functions such as air suspension matching and hidden features unlocking etc.; 4. Fixed Bugs Fixed the problem of incorrect reading of data stream in the emergency regeneration function of nitrogen oxide catalyst;
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IMMO Software Upgrade

Software	Version	Update Info
IMM_BMW	V10.18	1. Summary: CAS2, CAS3/3+ IMMO system, added file generated key function, optimized OBD key learning (original [key learning]) function; FRM module replacement, added FRM module data function. 2. New Functions: 1) added CAS2, CAS3/3+ IMMO system file generated key function, supported to acquire EEPROM after CAS module read, and generate dealer key using EEPROM file. 2) FRM module replacement, added FRM module data function, supported to download FRM module data with Internet connected. 3. Optimized Functions: Optimized CAS1, CAS2, CAS3/3+ IMMO system key learning, key unlocking function, fixed no remote control issue of programmer generated keys during key learning process and remote control present after key unlocking. 4. Fixed Bugs: None
RESETPROG	V11.01	1. Summary Added CAS2, CAS3/3+ IMMO system file generated key function in BMW diagnostic software anti-theft function, supported to acquire EEPROM after CAS module read, and generate dealer key using EEPROM file. Added FRM module data function for BMW diagnostic software anti-theft function, supported to download FRM module data with Internet connected. Optimized the CAS1, CAS2, and CAS3/3+ IMMO system key learning and key unlocking function of BMW diagnostic software's anti-theft function. Fixed no remote control issue of programmer generated keys during key learning process and remote control present after key unlocking in BMW diagnostic software anti-theft function. 2. New Functions 1) Added CAS2, CAS3/3+ IMMO system file generated key function in BMW diagnostic software anti-theft function, supported to acquire EEPROM after CAS module read, and generate dealer key using EEPROM file. 2) Added FRM module data function for BMW diagnostic software anti-theft function, supported to download FRM module data with Internet connected. 3. Optimized Functions Optimized the CAS1, CAS2, and CAS3/3+ IMMO system key learning and key unlocking function of BMW diagnostic software's anti-theft function. 4. Fixed Bugs Fixed no remote control issue of programmer generated keys during key learning process and remote control present after key unlocking in BMW diagnostic software anti-theft function.
IMM_ISUZU	V10.01	1. Summary Added special functions for some systems of YuSheng, Yuhu, LIGHT BUS, Light Truck, and FORD TERRITORY. Optimized the software structure. 2. New Function 1) Added Anti-Theft functions for some systems of New Yusheng (S350) China V, Yusheng (S330) China V, Yusheng - manual gear (S350) China IV, Yusheng - automatic gear (S350) China IV, and New Yusheng (S350) China VI. 2) Added Anti-Theft functions for some systems of Vigus Series, New Vigus, Vigus 5(National VI), Vigus 7(National VI), Vigus 9(National VI), and Vigus EV. 3) Added Anti-Theft functions for some systems of TESHUN L500EV, TESHUN L500EV_RA, TESHUN N526, and Transit pro. 4) Added Anti-Theft functions for some systems of Kairui N800BEV, N800HP National VI, and Shunda N600BEV. 5) Added Anti-Theft functions for some systems of Territory, Territory EV, Territory S, and Lingyu. 3. Optimized Function Optimized the software structure 4. Fixed Bugs None

IMM_FIAT	V10.20	1. Summary 1)New Anti-Theft Systems Of Lancia Have Been Added. 2)New Write Start Systems Of Brazil Fiat Have Been Added. 3)Optimize Software Basic Functions. 2. New Functions 1)6 Anti-Theft Systems, 3 Smart Key Systems, 6 Anti-Theft Password Reading Systems Have Been Added To The Lancia. 2)3 Write Start Systems Have Been Added To The Brazil Fiat. 3. Optimized Functions Optimize Software Basic Functions. 4. Fixed Bugs None.
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Heavy-Duty Truck Software Upgrade

Software	Version	Update Info
HD_CASE	V10.23	1. Summary Added new Active Test and 14 new Special Function. 2. New Functions 1) Added new Active Test, including Glow Plugs Activation Test. 2) Added new Special Function, including Engine Injector Code Configuration, Engine Injector Code Configuration (Original Screen With No Vehicle Controller Backup), Replacement of the Differential Pressure Sensor (Delta P) - Reset ECU Data, Replacement of the Lambda Sensor - Reset ECU Data, Replacement of the Oxidant Catalyst (OxiCat) - Reset ECU Data, Replacement of the Exhaust Gas Recirculation Valve (EGR) - Reset ECU Data, Replacement of the SCR Dosing Module - Reset ECU Data, Replacement of the Rail Pressure Relief Valve (PRV) - Reset ECU Data, Replacement of the Rail Pressure Metering Unit - Reset ECU Data, Replacement of the Nox Upstream Sensor - Reset ECU Data, Replacement of the Nox Downstream Sensor - Reset ECU Data, Replacement of the Crank Case Pressure Sensor - Reset ECU Data, Replacement of Catalyst - Reset ECU Data, Manual Catalyst Management Frequency Limit Reset. 3. Optimized Functions None 4. Fixed Bugs None
HONGYAN	V11.05	1. Summary Add English and Russian 2. New Functions Add English and Russian 3. Optimized Functions None 4. Fix The Bugs None.
HD_BENDIX_ABS	V10.80	1. Summary Optimized DTCs Function of Bendix. 2. New Functions None. 3. Optimized Functions Optimized DTCs Function of Bendix. 4. Fixed Bugs None.
HD_ASHOK_LEYLAND	V10.90	1. Summary Added the functions Read DTCs and Actuation Test for the DCM 7.1 diesel ECU common rail system. Added special functions for the EDC 17, EDC MD1 diesel ECU common rail system. Optimized basic functions for five systems such as EDC 7.1 diesel ECU common rail system, EDC 17 diesel ECU common rail system, and EGC 10 CNG (Compressed Natural Gas) control unit system. 2. New Functions Added the functions Read DTCs and Actuation Test for the DCM 7.1 diesel ECU common rail system. Added special functions for the EDC 17 diesel ECU common rail system. Added special functions for the EDC MD1 diesel ECU common rail system. 3. Optimized Functions Optimized basic functions for the EDC 7.1 diesel ECU common rail system. Optimized basic functions for the EDC 17 diesel ECU common rail system. Optimized basic functions for the EGC 10 CNG (Compressed Natural Gas) control unit system. Optimized basic functions for the EDC MD1 diesel ECU common rail system. Optimized basic functions for the EMS Denso diesel ECU common rail system. 4. Fixed Bugs None

SCANIA	V15.73	- Summary Fixed the system exit command error.Optimized the suspension system scan. - New Functions New Functions: EBS5 Wear inspection,EBS7 Brake wear,EBS5 Calibration of the yaw rate sensor,EBS7 Calibration of the yaw rate sensor,EBS5 Calibration of steering angle sensor,COO8 Calibration of steering angle sensor,APS2 Reset the values when renewing the desiccant container,Calibration of drive level_V3 - Optimized Functions Optimized the suspension system scan. - Fixed Bugss Fixed the system exit command error.
HD_PSI	V10.11	- Summary Optimized The Special Functions of PSI Engine System. - New Function None. - Optimized Function Optimized The Special Functions of PSI Engine System. - Fixed Bugs None
KOBELCO	V10.30	- Summary Added 30 series models. - New Function Added 30 series models. - Optimized Function None. - Fixed Bugs None.
NEOPLAN	V10.11	- Summary Added Spanish, Russian and Korean for NEOPLAN. - New Function None - Optimized Function None - Fixed Bugs None
HD_YANMAR	V10.11	- Summary Optimize the system entry problem. - New Function None - Optimized Function None - Fixed Bugs Optimize the system entry problem.
HD_ECU	V12.45	- Summary Add Flashing Function For Shanaxi Automobile Central Gateway System,Kemi ABS System,Air Condition System,Bridge Power Controller System,One Click Star System And Door And Window System. - New Functions 1) Newly added Flashing Function For Shanaxi Automobile Central Gateway System. 2) Newly added Flashing Function For Shanaxi Automobile Kemi ABS System. 3) Newly added Flashing Function For Shanaxi Automobile Air Condition System. 4) Newly added Flashing Function For Shanaxi Automobile Bridge Power Controller System. 5) Newly added Flashing Function For Shanaxi Automobile One Click Star System. 6) Newly added Flashing Function For Shanaxi Automobile Door And Window System. - Optimized Functions None - Fixed Bugs None
HD_BHARATBANZ	V10.20	- Summary Added the following engine systems: EMS BS-III, EMS BS-IV + SCR, EMS BS-VI. Added the following instrument cluster systems: ICU BS-III, ICU BS-IV, ICU BS-VI. Added the following ABS systems: ABS D/E, ABS E. - New Function None - Optimized Function None - Fixed Bugs None

HD_ LIEBHERR	V10.20	1. Summary Added machine model selection,added fault code function. 2. New Function Added fault code function. 3. Optimized Function None 4. Fixed Bugs None
HD_VOLVO	V18.35	1. Summary Added special functions 2. New Function The following special functions have been added: Battery Thermal Management System (BTMS), Test; Side assistance radar; 3. Optimized Function None 4. Fixed Bugs None
HD_IRIZAR	V10.35	1. Summary Update the Intarder 3 , the Diesel Multi-Controlled Injection and Gearbox. 2. New function 1) Update the Intarder 3 , the Diesel Multi-Controlled Injection system and gearbox for I8 models. 2) Update the Intarder 3 , the Diesel Multi-Controlled Injection system and gearbox for I6S models. 3) Update the Intarder 3 , the Diesel Multi-Controlled Injection system and gearbox for I6 models. 4) Update the Intarder 3 , the Diesel Multi-Controlled Injection system and gearbox for I4 models. 5) Update the Diesel Multi-Controlled Injection system and gearbox for I3 models. 3. Optimized Function None 4. Fixed Bugs None
HD_ZF	V10.21	1. Summary Added two languages of simplified and traditional Chinese. 2. New Function None 3. Optimized Function None 4. Fixed Bugs None
SCANIA	V15.75	1. Summary Added graphical interface display support for DPF function.Added special functions negative reply prompt. 2. New Functions Added graphical interface display support for DPF function.Added special functions negative reply prompt. 3. Optimized Functions None. 4. Fixed Bugs None.
HD_HYUNDAI	V12.10	1. Summary Added car model support to 2021. 2. New Functions Added basic functions for Elec-city(FCEV), HD78 GT[QTc Wide], PAVIS(QV), Unicity(LU), Xcient(QZ RHD), Xcient(GT), Xcient(QZ RHD), etc. 1) Elec-city(FCEV):ENGINE,ABS,EBS; 2) HD78 GT[QTc Wide]:ENGINE,ABS,EBS; 3) PAVIS(QV):ENGINE,ABS,EBS; 4) Unicity(LU):ENGINE,ABS,EBS; 5) Xcient(QZ RHD):ENGINE,ABS,EBS; 6) Xcient(GT):ENGINE,ABS,EBS; 7) Xcient(QZ RHD):ENGINE,ABS,EBS. 3. Optimized Functions None 4. Fixed Bugs None
HD_KAMAZ	V10.30	1. Summary Add Special Function for system of EDC 7 UC31 Euro 4 , EDC 7 UC31 Euro 3 and Exhaust gas treatment system. 2. New Functions 1) Add Special Function for system of EDC 7 UC31 Euro 4. 2) Add Special Function for system of EDC 7 UC31 Euro 3.

		3) Add Exhaust gas treatment system. 3. Optimized Functions None. 4. Fix The Bugs None.
HD_ AUTOSEARCH	V10.60	1. Summary New add AGRICULTURAL,WeiChai WISE System Scan. Optimized WABCO ABS Scan. 2. New Functions 1) New Add YTO BOSCH MD1CC878 E6 P2381/P2077 System Scan. 2) New Add WeiChai WISE10B: P618-G161、P614-G120、P618-G162、P210-V192、P653-G100、P653-G200、P618-G170 System Scan. 3) New Add WeiChai WISE12B: P018-G163 System Scan. 4) New Add WeiChai WISE13A: P232-G11-RCT、P232-G111-RCT、P232-G112、P232-G122、P232-G123、P232-G121 System Scan. 5) New Add WeiChai WISE10A: P201-V17H、P201-V191-RCT、P201-V191、P201-V192、P201-V200 System Scan. 6) New Add WeiChai WISE13E: P231-V120、P231-V122、P231-V123 System Scan. 7) New Add WeiChai WISE13J: P234-G113、P234-G120、P234-G121、P234-G122、P233-V112、P233-V121、P233-V130、P233-V111-RCT System Scan. 8) New Add WeiChai WISE15C: P270-V154 System Scan. 9) New Add WeiChai WISE18B: P173-G141、P173-G150、P173-G161 System Scan. 10) New Add WeiChai WISE13G: P650-G110 System Scan. 11) New Add NanYue ECU022 System Scan. 12) New Add YTO ECU10 System Scan. 3. Optimized Functions Optimized WABCO ABS/EBS Scan. 4. Fixed Bugs None
IVECO	V21.80	1. Summary New add Secial function SMART ALTERNATOR TEST of ECU engine system EDC 17CV41, Secial function ENGINE OIL DILUTION EVALATION of engine system EDC 17 ECM., Secial function BATTERY RESET of electronic system FIAMM BMS1/2/3. 2. New Functions New add Secial function SMART ALTERNATOR TEST of ECU engine system EDC 17CV41. New add Secial function ENGINE OIL DILUTION EVALATION of engine system EDC 17 ECM. New add Secial function BATTERY RESET of electronic system FIAMM BMS1/2/3. 3. Optimize Functions None 4. Fix Bugs None
HD_HINO	V18.50	1. Summary Added Front image recognition sensor system (KNORR), Front Rader system (KNORR) and Idling Stop System for Hino 700 series; Added Front image recognition sensor system (type7) and Driving Support(NIDEC) for Hino 500 series; added EV_A system, FC_A system, FCDC system, EVGW system and Pulg-in Control system for FC motor. 2. New Functions 1) Added basic function and special function for 700 series under Front image recognition sensor system (KNORR); 2) Added basic function for 700 series under Front Rader system (KNORR) ; 3) Added basic function and actuation test for 700 series under Idling Stop System ; 4) added basic function and special function for 500 series under Front image recognition sensor system (type7); special function: reset FOE, Yaw rate 0-point learning, switch specification information, resetting camera history; 5) added basic function and special function for 500 series under Driving Support(NIDEC); special function: reset vehicle information; 6) added basic function, actuation test and special function for FC motor EV_A system; special function: FC stack impact history clearing, serivce mode and shifting mode; 7) added basic function, actuation test and special function for FC motor FC_A system; special function: shifting mode; 8) added basic function and special function for FC motor FCDC system; special function: Shifting mode; 9) added basic function, actuation test and special function for FC motor EVGW system; special function: shifting mode; 10) added basic function, actuation test and special function for FC motor Pulg-in Control system; special function: Removing READY ON prohibition and shifting mode; 3. Optimized Functions Optimize software structure 4. Fixed Bugs None
HD_BENZ	V18.80	1. Summary Added actuation test and special function for some system 2. New Functions 1) For the exhaust aftertreatment system of passenger cars, added actuation test functions such as electrical detection for component "{17Y02 (AdBlue®tank heater valve)}" and airtightness check for "{17Y03 SCR (Selective Catalytic Reduction)"

		exhaust aftertreatment AdBlue®metering valve)}". 2) Added the parameter setting for the transmission control system of passenger cars. 3) Added special functions such as clutch learning, inclination sensor learning, and shift interruption frequency counter reset for the transmission control system of trucks. 4) Added the VIN change function for the central gateway of passenger cars. 3. Optimized Functions None 4. Fixed Bugs None
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