

Diagnostic Software Update in August 2023

Diagnostic software coverage is available in the following link:

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

Passenger Car Software Upgrade

Software	Version	Update Info
INDIAN MAHINDRA	V14.62	1. Summary Fix problem of key programming. 2. New Functions None 3. Optimized Functions None. 4. Fixed Bugs None.
BMW	V51.26	1. Summary Updated VIN data to June, 2023; added the function option of writing service record; fault boot function is modified to online download; optimized ADAS function; added some fault boot functions of chassis. 2. New Functions None 3. Optimized Functions None 4. Fixed Bugs None
GAZ	V13.10	1. Summary Added A12.2, SORL Type80, Joyson SRS A21R3.3763112 system basic function, special function. 2. New Functions 1) Added A12.2 system version information, DTC, special function. 2)Added SORL Type80 system version information, DTC, data stream, special function. 3) Added Joyson SRS A21R3.3763112 system version information, DTC, data stream, special function. 3. Optimized Functions None 4. Fixed Bugs None
JP ISUZU	V17.55	1. Summary Added Japan, Singapore, Vietnam, Taiwan, China models (including TF series, N series, GIGA, ERGA)under 2020 menu, and added vehicle identification function with VIN code. 2. New Functions 1)Added Japan, Singapore, Vietnam, Taiwan, China models (including TF series, N series, GIGA, ERGA) under 2020 menu. 2)Added vehicle identification function with VIN code. 3. Optimized Functions None 4. Fixed Bugs None 5. Service function update None
HYUNDAI PLUS	V11.70	1. Summary Added new system functions of 24 new models from 2021 to 2022, added ADAS LITE calibration function illustration prompt, added special function scanning function, added password reading function, and optimized the software structure. 2. New Functions 1)Added the functions of

		<p>ENGINE/AT/ABS/SRS/AC/BCM/TPMS/EPB/Smart Key and other systems for 24 new models from 2021 to 2022, the models include Avante hybrid(CN7 HEV),Avante N(CN7 N)Avante(CN7),G70(IK),G80 electrified(RG3 EV),G80(RG3), Grandeur (IG),Grandeur hybrid(IG HEV),GV70(JK1),IONIQ 5(NE EV),Kona N(OSN), Kona (OS),Nexo (FE),Palisade (LX2),Poter2 (HR),Santafe (TM),Santafe HEV(TM HEV),Sonata (DN8),Sonata (LF),Sonata hybrid(DN8 HEV),Staria(US4), Tucson Hybrid(NX4 HEV),Tucson(NX4),Veloster (JS),Veloster N(JSN) and Venue (QX).</p> <p>2)Added ADAS LITE calibration function illustration prompt.</p> <p>3)Added special function scanning function.</p> <p>4)Added password reading function.</p> <p>3. Optimized Functions Optimized the software structure.</p> <p>4. Fixed Bugs None</p>
<p>MITSUBISHI</p>	<p>V34.70</p>	<p>1. Summary Upgraded basic functions for 27 car models.</p> <p>2. New Functions 1)Upgraded basic functions of 11 car models such as ASX, PAJERO SPORT, and XPANDER / XPANDER CROSS to 2023. 2)Upgraded basic functions of 13 car models such as OUTLANDER (GF#) and OUTLANDER (GM#) to 2024. 3)Added basic functions for full systems of EK-X EV, TRITON / L200 (LA#,LB#,LC#), and OUTLANDER (GN#).</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs None</p>
<p>LAND ROVER</p>	<p>V34.61</p>	<p>1. Summary Added support for diagnosis of 2022MY L460 and 2023MY L461. Added the following 29 special functions for car models as of 2017: gasoline high pressure fuel pump test, odometer calibration, Telematics control module battery replacement reset, SCR (Selective Catalytic Reduction) emptying, SCR (Selective Catalytic Reduction) preprocessing, reset diesel exhaust fluid mass sensor monitoring;Optimized the VIN input page. Fixed the Security - Immobilization Set-up function for all 2010-2016 models. Rectified the multimedia gateway system communication failure for some 2021-2023 models.</p> <p>2. New Functions 1) Added support for diagnosis of 2022MY L460 and 2023MY L461. 2) Added the following 29 special functions for car models as of 2017: gasoline high pressure fuel pump test, odometer calibration, Telematics control module battery replacement reset, SCR (Selective Catalytic Reduction) emptying, SCR (Selective Catalytic Reduction) preprocessing, reset diesel exhaust fluid mass sensor monitoring.</p> <p>3. Optimized Functions Optimized the VIN input page.</p> <p>4. Fixed Bugs 1) Fixed the Security - Immobilization Set-up function for all 2010-2016 models. 2) Rectified the multimedia gateway system communication failure for some 2021-2023 models.</p> <p>5. Updates for Service Function None</p>
<p>DR</p>	<p>v10.32</p>	<p>1. Summary Added ECU online programming function.</p> <p>2. New Functions Added ECU online programming function.</p> <p>3. Optimized Functions None</p> <p>4. Fixed bugs None</p>
<p>EVO</p>	<p>V10.31</p>	<p>1. Summary Added ECU online programming function.</p> <p>2. New Functions Added ECU online programming function.</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs None</p>
<p>USA FORD</p>	<p>V49.60</p>	<p>1. Summary Added Online Special Functions For 2011-2023 Models. Optimized The Software Structure.</p> <p>2. New Functions Added The Following Online Special Functions For 2011-2023 Mustang, Explorer, Escape (Asia)/Kuga, Bronco, Expedition, Transit, F-150, F-Series Super Duty, Ranger/Mazda B Series/Troller, Edge, Bronco Sport, Mach-E, Maverick (Europe), Aviator, Corsair, Navigator, Everest, EcoSport, Lincoln MKX/Nautilus, Mondeo, Focus, Zephyr, Ranger, Connect (Transit Connect), Transit/Courier, Fusion, Fiesta, Focus C-MAX, Puma, Kuga, Transit Connect/Tourneo Connect, Transit Connect/Tourneo Courier: Reset PCM (Powertrain Control Module) Learning Values, Diesel Particulate Filter Static Regeneration, Reset Water In Fuel Warning Indicator Lamp, Odometer Configuration, TPMS (Tire Pressure Monitoring System) Initialization, ELSD (Electronic Limited Slip Differential) Service Pressure Release, Particulate Filter Static Regeneration, Reset PSCM (Power Steering Control Module), Vehicle Data</p>

		<p>Relearning, ABS Module Vehicle Central Configuration (CCC) Update, Reset External Air Temperature Sensor Learned Values, ABS Module Data Collection, Rear Backup Assist Camera Alignment, Regeneration Brake System Calibration, Exhaust Pipe Actuator Position Relearning, Enable Blue Cruise Control Configuration.</p> <p>3. Optimized Functions Optimized The Software Structure.</p> <p>4. Fixed Bugs None</p>
INDIAN MAHINDRA	V14.80	<p>1. Summary Optimize pin code read of BS6 Immobiliser.</p> <p>2. New Functions None</p> <p>3. Optimized Functions None.</p> <p>4. Fixed Bugs None.</p>
KIA PLUS	V11.70	<p>1. Summary Added new system functions of 24 new models from 2021 to 2022, added ADAS LITE calibration function illustration prompt, added special function scanning function, added password reading function, and optimized the software structure.</p> <p>2. New Functions 1)Added the functions of ENGINE/AT/ABS/SRS/AC/BCM/TPMS/EPB/Smart Key and other systems for 24 new models from 2021 to 2022, the models include Bongo3 EV(PU EV),Bongo3-Truck(PU), Carnival(KA4),EV6(CV),K3(BD),K5 HEV(DL3 HEV), K5(DL3),K5(JF),K7 HEV(YG HEV),K8 HEV(GL3 HEV),K8(GL3),K9(RJ),Morning (JA),Niro(DE EV),Niro(DE HEV),Niro(DE PHEV),RAY (TAM),,SELTOS (SP2),Sorento HEV (MQ4 HEV),Sorento(MQ4),Sportage (QL),Sportage HEV(NQ5 HEV),Sportage(NQ5) and Stinger(CK). 2)Added ADAS LITE calibration function illustration prompt. 3)Added special function scanning function. 4)Added password reading function.</p> <p>3. Optimized Functions Optimized the software structure.</p> <p>4. Fixed Bugs None</p>
BAIC	V12.00	<p>1. Summary Added functions and perfected some software problems for 480 systems of 19 models such as BAIC BJEV EU5 PLUS, EU7 2020 and Beijing Auto BJ80C (2.3T), BJ40S Ring tower 2021 and F40 Magic cube 2020 etc.</p> <p>2. New Functions 1)Added version information, DTC reading, freeze frame reading, DTC clearing, data stream reading and actuation test for 274 systems of 12 models such as Beijing Auto BJ80C(2.3T), BJ80C(3.0T), BJ80C(right hand drive), BJ40C City hunter 2020, BJ40SE Business version, BJ40SE Shengshihuazhang 2019, BJ40S 2020 Rainforest crossing, BJ40S Ring tower 2019, BJ40S Ring tower 2021, F40 Magic cube 2019, F40 Magic cube 2020 and BEIJING U5 PLUS. 2)Added special functions such as version information, DTC reading, frozen frame reading, DTC clearing, data stream reading and actuation test for 206 systems of 7 vehicle models BAIC BJEV EU5 2020, EU5 R400-1, EU5 R400-2, EU5 R500-1 (online car-hailing version) , EU5 PLUS, EU7 2020 and EX5. 3)Added actuation test for BJ40L(Gasoline) and BCM(Body control module).</p> <p>3. Optimized Functions 1)Optimized some parts of BCM system actuation test for BAIC BJEV EU5. 2)Optimized some parts of actuation test for BJ40L(Gasoline) engine, instrument and front right door control system. 3)Arcfox system optimization. 4)Optimization of other vehicle system functions such as EU5 (R500) OBC system data stream.</p> <p>4. Fixed Bugs None</p>
HYUNDAI	V51.90	<p>1. Summary Added special functions for the 2023 model, newly added sub-software Genesis, optimized the input interface and historical records for some special functions, and optimized software structure.</p> <p>2. New Functions 1)Added about 300 special functions for the 2023 model, such as SAS(Steering Angle Sensor) Calibration and Break Pad Change Mode. 2)Newly added sub-software Genesis.</p> <p>3. Optimized Functions 1)Optimized the input interface and historical records for some special functions, such as Service Reminder Setting and Oil-pressure Characteristics Input. 2)Optimized software structure.</p> <p>4. Fixed Bugs None</p>
LAND ROVER	V34.63	<p>1. Summary Added support for diagnosis of 2022MY L460 and 2023MY L461. Added the following 29 special functions for car models as of 2017: gasoline high pressure fuel pump test, odometer calibration, Telematics control module battery replacement reset, SCR (Selective</p>

		<p>Catalytic Reduction) emptying, SCR (Selective Catalytic Reduction) preprocessing, reset diesel exhaust fluid mass sensor monitoring;Optimized the VIN input page. Fixed the Security - Immobilization Set-up function for all 2010-2016 models. Rectified the multimedia gateway system communication failure for some 2021-2023 models.</p> <p>2. New Functions</p> <p>1) Added support for diagnosis of 2022MY L460 and 2023MY L461.</p> <p>2) Added the following 29 special functions for car models as of 2017: gasoline high pressure fuel pump test, odometer calibration, Telematics control module battery replacement reset, SCR (Selective Catalytic Reduction) emptying, SCR (Selective Catalytic Reduction) preprocessing, reset diesel exhaust fluid mass sensor monitoring.</p> <p>3. Optimized Functions</p> <p>Optimized the VIN input page.</p> <p>4. Fixed Bugs</p> <p>1) Fixed the Security - Immobilization Set-up function for all 2010-2016 models.</p> <p>2) Rectified the multimedia gateway system communication failure for some 2021-2023 models.</p> <p>5. Updates for Service Function</p> <p>None</p>
RESET PROG	V10.90	<p>1. Summary</p> <p>Added encrypted reading and writing function for 3 Freescale SCM(Single-Chip Microcomputer) MC9S12XX, added BOSCH BENCH mode engine external FLASH reading and writing function, added LandRover 9HP transmission data reading and writing function and fixed BMW F chassis 6HP erasing function.</p> <p>2. New Functions</p> <p>1) Added encrypted reading and writing function for 3 Freescale SCM(Single-Chip Microcomputer) MC9S12XX such as MC9S12DG128, MC9S12DG256 and MC9S12DT256;</p> <p>2) Added BOSCH BENCH mode engine external FLASH reading and writing function;</p> <p>3) Added LandRover 9HP transmission data reading and writing function.</p> <p>3. Optimized Functions</p> <p>None</p> <p>4. Fixed Bugs</p> <p>Fixed BMW F chassis 6HP erasing function.</p>
AUST HOLDEN	V44.05	<p>1. Summary</p> <p>Optimized the software structure, Fixed known problems.</p> <p>2. New Functions</p> <p>NONE</p> <p>3. Optimized Functions</p> <p>Optimized the software structure.</p> <p>4. Fixed Bugs</p> <p>Fixed known problems.</p>
CHRYSLER	V34.30	<p>1. Summary</p> <p>Optimized basic functions and special functions for systems (such as the BCM, PCM, ABS, and TCM) of 2018-2022 models.</p> <p>2. New Functions</p> <p>None</p> <p>3. Optimized Functions</p> <p>1)Optimized basic functions for 2021 Wrangler, 2022 Grand Wagoneer, 2023 Ram 4500/5500, 2023 Grand Cherokee, 2023 Compass, 2020 Ram1000, 2023 Renegade, 2022 Promaster, etc.</p> <p>2)Optimized the special functions such as OCM System Verification Test, Injector Adaptation, Small Leak Verification Test, and Control Unit Replacement for the PCM, ABS, BCM, ASCM, ABS, EPS, etc.</p> <p>4. Fixed Bugs</p> <p>None</p>
EV_LIXIANG	V10.41	<p>1. Summary</p> <p>Optimized online DTC function</p> <p>2. New Functions</p> <p>None</p> <p>3. Optimized Functions</p> <p>Optimized online DTC function</p> <p>4. Fixed Bugs</p> <p>None</p>
LEAP	V10.20	<p>1. Summary</p> <p>Optimize software structure and Added three models of Leap motor C01, T03 (2023) and T03 (export version) etc.</p> <p>2. New Functions</p> <p>1)Added three models of Leap motor C01, T03 (2023) and T03 (export version) etc.</p> <p>2)Added 2 systems of generator controller and engine management system for C11 and added electronic parking control module for T03(2022).</p> <p>3)Added freeze frame, configuration information and some special functions(Include of Maintenance update, Regeneration of GPF,GPF mileage synchronization, Diarepairbleed And Diarepairbleed, Forced Release and Forced Up etc).</p> <p>4)Added English version.</p> <p>3. Optimized Functions</p> <p>Optimized basic function data and configuration information.</p> <p>4. Fixed Bugs</p>

		None
TESLA	V10.25	1. Summary Added collision unlock function for model 3 and model Y; optimized LAN function and optimized key learning function for model 3, model S and model X. 2. New Functions Added collision unlock function for model 3 and model Y; 3. Optimized Functions 1) Optimized LAN function; 2) Optimized key learning function for model 3, model S and model X. 4. Fixed Bugs None
MT_HARLEY	V10.15	1. Summary Optimized network communication function. 2. New Functions None 3. Optimized Functions Optimized network communication function. 4. Fixed Bugs None 5. Service function update None
EV_RESET_COMPA	V10.08	1. Summary Newly Added Compressor DataFor CHANGAN, GWM、PORSCHE、GEELY、EBQ、ZOTYE And FENGYE. 2. .New Functions Newly Added Compressor DataFor CHANGAN, GWM、PORSCHE、GEELY、EBQ、ZOTYE And FENGYE. 3. Optimized Functions None 4. Fixed Bugs None
BMS	V10.26	1. Summary Optimize the diagnostic function of the battery pack. 2. New Functions Newly added BYD battery pack data Newly added Chang'an battery pack data Newly added Maple Leaf battery pack data Newly added BAIC Changhe battery pack data Newly added GAC Trumpchi battery pack data Newly added remote battery pack data Newly added SAIC MAXUS battery pack data Newly added Huachen Xinri battery pack data Newly added Jiangling Kairui battery pack data Newly added BAIC battery pack data Newly added Nissan battery pack data Newly added Dongfeng Liuqi battery pack data Newly added Kairui finless porpoise battery pack data Newly added Xiamen Jinlv battery pack data Newly added AVIC Avik battery pack data Newly added hippocampal battery pack data Newly added cloud level battery pack data Newly added Kowloon battery pack data Newly added data for Lingtu battery pack Newly added Beiqi Foton battery pack data Newly added Qiling battery pack data Newly added Zhidou battery pack data 3. Optimized Functions Optimize BYD battery pack data Optimize Ruichi battery pack data 4. Fixed Bugs Modify Jinlong battery pack data Modify Chang'an Battery Pack Data
INDIAN MARUTI	V17.20	1. Summary Optimize Online Pin Code Function. 2. New Functions None 3. Optimized Functions None

		4. Fixed Bugs None
INDIAN TATA	V15.20	1. Summary Fix problem of Key Programming and ECU Pairing. 2. New Functions None 3. Optimized Functions None 4. Fixed Bugs None
Maserati	V11.70	1. Summary Added external special function menu for models GHIBLI, QUATTROPORTE, LEVANTE, GRANTURISMO (GT) and GRECALE. 2. New Functions Added external special function menu for models GHIBLI, QUATTROPORTE, LEVANTE, GRANTURISMO (GT) and GRECALE. 3. Optimized Functions None 4. Fixed Bugs None 5. Updates for Service Function: Added calibration function for door system.
CHRYSLER	V34.35	1. Summary Optimized basic functions and special functions for systems (such as the BCM, PCM, ABS, and TCM) of 2018-2022 models. 2. New Functions None 3. Optimized Functions 1)Optimized basic functions for 2021 Wrangler, 2022 Grand Wagoneer, 2023 Ram 4500/5500, 2023 Grand Cherokee, 2023 Compass, 2020 Ram1000, 2023 Renegade, 2022 Promaster, etc. 2)Optimized the special functions such as OCM System Verification Test, Injector Adaptation, Small Leak Verification Test, and Control Unit Replacement for the PCM, ABS, BCM, ASCM, ABS, EPS, etc. 4. Fixed Bugs None
RESET MUL ODO	V10.03	1. Summary Improved The Function Of ODO For Models Of Toyota、Landrover、Porsche AndBYD. 2. New Functions Improved The Function Of ODO For Models Of Toyota、Landrover、Porsche AndBYD. 3. Optimized Functions None. 4. Fixed Bugs None
MALAYSIA PERODUA	V14.30	1. Summary Added and optimized some special function for Alza, Axia, Myvi vehicle model. 2. New Functions Added special function, including Deleting Image Data, Initializing of EEPROM. 3. Optimized Functions Optimized Single Check special function. 4. Fixed Bugs None

Heavy-Duty Truck Software Upgrade

Software	Version	Update Info
HD_BENZ	V18.30	1. Summary Added actuation test and special function for some system 2. New Functions 1) Added actuation test and special function for truck MR - engine control system 2) Added actuation test for truck MR - engine control system 3) Added special function for truck ADM - adaptive module 4) Added actuation test for truck ACM - exhaust after treatment system 3. Optimized Functions Update DAS fault code library 4. Fixed Bugs Fixed truck MCM - engine management system injector nozzle code issue
HD_TATA	V10.32	1. Summary Added the text libraries in Russian, French, German, Spanish, Korean, and Italian.

		2. New Functions Added the text libraries in Russian, French, German, Spanish, Korean, and Italian. 3. Optimized Functions None 4. Fixed Bugs None
HD_ECU	V12.30	1. Summary Optimize data conversion function; Fix data path, data format compatibility. 2. New Functions 1) Add WP WISE13J flashing function. 2) Add YCGMS flashing function. 3) Add JiangXi ISUZU JE493ZLQ6 flashing function. 4) Add JiangXi ISUZU 4JJGJ flashing function. 5) Add JiangXi ISUZU RZ4E flashing function. 6) Add YUNNEI JUNFENG MDD03/MDD04 flashing function. 7) Add .bin/.hex/.s19 data conversion function. 3. Optimized Functions 1) Optimize DELPHI Backup function. 2) Optimize QuanChai BOSCH EDC17C63 E5 Flashing function. 3) Optimize BOSCH EDC17C63 Detachable board Flashing function. 4) Optimize data path(HD_ECU_DATA). 4. Fixed Bugs None
HD_BHARAT BENZ	V10.10	1. Summary Added Bus models: INDIA Bus(831.247, 831.720), INDIA Bus(831.001, 831.002, 831.005), INDIA Bus BS-6. 2. New Functions Added Bus models: INDIA Bus(831.247, 831.720), INDIA Bus(831.001, 831.002, 831.005), INDIA Bus BS-6. 3. Optimized Functions None 4. Fixed Bugs None
HD_ MAHINDRA	V10.17	1. Summary Added the text libraries in Russian, French, German, Spanish, Korean, and Italian. 2. New Functions Added the text libraries in Russian, French, German, Spanish, Korean, and Italian. 3. Optimized Functions None 4. Fixed Bugs None
HD_MAZ	V10.10	1. Summary Add three new languages,new add diagnostic systems, Optimization software diagnostic system. 2. New Functions 1) New Chinese simplified, Chinese traditional ,English. 2)New add ABS 24/EU12、ABS D/E、ABS E、ABS C(Antilock braking system) , DIWA 3、DIWA 5、Ecomat 2 (Automatic gearbox), EDC MS5、EDC MS6.1 (Diesel in-line injection pump), FR (Drive control), EBS 3 (Electronic Braking System),, ISF 3.8、EMR3 - EDC 16 UC40、EDC 7 C32、MCM、Weichai WISE15c(Electronic Diesel Control, Common Rail), ECAS CAN 2(Electronically Controlled Air Suspension), EMR2、EDC Cummins SAE J1939, EDC Cummins SAE J1708(Engine Control Module), ADM 3、ADM 2 (Engine regulation interface), SCR Bluetec 、HDS/SCR AdBlue (Exhaust gas treatment system), AS Tronic Lite(Gearbox with electronic control), FLA (Inlet air pre-heater system), MR/PLD、MR(Unit Pump System) diagnostic systems. 3. Optimized Functions Optimization software EDC M230 Euro 3 (Electronic Diesel Control),EDC 7 UC31-MMZ(Electronic Diesel Control, Common Rail) system. 4. Fixed Bugs None
HD_ISUZU	V16.31	1. Summary Rectified the scanning failure for some North American models. Optimized the tire size programming function. 2. New Functions None 3. Optimized Functions 1) Updated the size options of the tire size programming function for the BCM module of N series, F series, and GX series up to 2020 in some regions. 4. Fixed Bugs 1) Rectified the scanning failure for some North American models up to 2010. 2) Rectified the communication failure of special functions for some China V and China VI models
CUMMINS	V16.25	1. Summary Fixed the issue of abnormal refresh errors in fault codes and special function interfaces.

		2. New Functions None 3. Optimized Functions None 4. Fixed Bugs Fixed the issue of abnormal refresh errors in fault codes and special function interfaces.
HD_VOLVO	V18.13	1. Summary Optimize the structure of the software. 2. New Functions None. 3. Optimized Functions Optimize the structure of the software. 4. Fixed Bugs Fix the problem of incorrect reading of parameter programing values.
HD_AGRALE	V10.01	1. Summary Add diagnosis function for AGRALE model engine system, after-treatment system, transmission system and brake system. 2. New Functions Add diagnosis function for AGRALE model engine system, after-treatment system, transmission system and brake system. 3. Optimized Functions None 4. Fixed Bugs None
HD_VOLKSWAGEN	V10.01	1. Summary New add VOLKSWAGEN diagnostic software includes truck models Constellation series (euro 3、euro 5)、Delivery series (euro 3、euro 5)、Meteor series (euro 5)、Worker series (euro 3、euro 4、euro 5) . New add VOLKSWAGEN diagnostic software includes bus models Crafter series (30[SY/SZ]、35[SY/SZ]、50[SY/SZ]、55[SY/SZ]、)、Volksbus series (euro 3、euro 4、euro 5) . 2. New Functions 1) Constellation series add Brakes/ Central computer/ Engine/ Gearbox/ Maintenance 2) Delivery series add Brakes/ Engine 3) Meteor series add Audio system/ Brakes/ Central computer/ Chassis module / Climate HVAC / Data registration telematics and FMS /Engine/ Gearbox/ Instrument cluster /Maintenance 4) Worker series add Brakes / Central computer/ Engine/ Maintenance 5) Crafter series add Brakes/ Central computer/ Chassis module / Electronic module /Engine/ Gearbox/ Instrument cluster /Maintenance / Safety/ Steering 6) Volksbus series add Brakes / Central computer/ Engine/ Gearbox/ Maintenance/ Suspension 3. Optimized Functions None 4. Fixed Bugs None
HD_VOITH	V10.11	1. Summary Add three new languages. 2. New Functions New add three languages: Spanish, Russian and Korean. 3. Optimized Functions None 4. Fixed Bugs None
HD_ALEXANDER	V10.01	1. Summary Add diagnosis function for ALEXANDER DENNIS model engine system, transmission system and brake system. 2. New Functions Add diagnosis function for ALEXANDER DENNIS model engine system, transmission system and brake system. 3. Optimized Functions None 4. Fixed Bugs None
HD_TATRA	V10.01	1. Summary Add Antilock braking system、Electronic Braking System、Engine electronic control system、 Central locking system、Visibility system 、etc. 2. New Functions Add Antilock braking system for model T815 TERRN01. Add Antilock braking system、Engine electronic control system、Vehicle Electronic Control Unit、etc for model T810. Add Bodywork Module、Gearbox with electronic control、Retarder、etc for model PHOENIX Euro 3/5. Add Bodywork Module、Electronic Braking System、Central locking system、Visibility system、etc for model PHOENIX Euro 6. 3. Optimized Functions None

		4. Fixed Bugs None
DELPHI	V12.53	1. Summary Added English Language 2. New Functions Added English Language 3. Optimized Functions NONE 4. Fixed Bugs NONE
HD_ FREIGHTLINE R	V10.79	1. Summary Added Quick Entry For Commonly Used Special Functions And Optimized The Structure Of The Manually Select. 2. New Functions None. 3. Optimized Functions 1) Added Quick Entry For Commonly Used Special Functions; 2)Optimized The Structure Of The Manually Select. 4. Fixed Bugs None.
HD_ASTRA	V10.60	1. Summary Added the text libraries in Russian and Korean. 2. New Functions None 3. Optimized Functions Optimized the system access function. 4. Fixed Bugs None
HD_AUTOCAR	V10.10	1. Summary Modified Manually Select Menu and Update Vehicle Coverage Table. 2. New Functions None. 3. Optimized Functions Modified Manually Select Menu and Update Vehicle Coverage Table. 4. Fixed Bugs None.
HD_ BLUEBIRD	V10.10	1. Summary Modified Manually Select Menu. 2. New Functions None. 3. Optimized Functions Modified Manually Select Menu. 4. Fixed Bugs None.
HD_ CAPACITY	V10.10	1. Summary Modified Manually Select Menu. 2. New Functions None. 3. Optimized Functions Modified Manually Select Menu. 4. Fixed Bugs None.
HD_ ENTEGRA	V10.01	1. Summary Added All Systems Support, including Engine, Gearbox and ABS. 2. New Functions Added All Systems Support, including Engine, Gearbox and ABS. 3. Optimized Function None. 4. Fixed Bugs None.
HD_ FORETRAVEL	V10.01	1. Summary Added All Systems Support, including Engine, Gearbox and ABS. 2. New Functions Added All Systems Support, including Engine, Gearbox and ABS. 3. Optimized Function None. 4. Fixed Bugs None.

HD_NEFAZ	V10.01	<ol style="list-style-type: none"> Summary Added diagnostic systems for NEFAZ. New Functions Added the following diagnostic systems: 1) CNG (Compressed Natural Gas) engine management system 2) Antilock braking system 3) Electronically Controlled Air Suspension 4) Automatic gearbox Optimized Functions, None Fixed Bugs None
HD_NEWELL	V10.01	<ol style="list-style-type: none"> Summary Added All Systems Support, including Engine, Gearbox and ABS. New Function Added All Systems Support, including Engine, Gearbox and ABS. Optimized Function None. Fixed Bugs None.
HD_SOLBUS	V10.01	<ol style="list-style-type: none"> Summary Added diagnostic systems for SOLBUS. New Functions Added the following diagnostic systems: 1) Gearbox management system 2) Electronically Controlled Air Suspension, 3) Automatic gearbox 4) Engine Management System, 5) Exhaust gas treatment system 6) Electronic Diesel Control, 7) Bus articulation system 8) CNG (Compressed Natural Gas) engine management system 9) Retarder 10) Modular Door Control System 11) Antilock braking system 12) Water additional heater Optimized Functions, None Fixed Bugs None
HD_TANGJUN	V10.02	<ol style="list-style-type: none"> Summary Added Russian New Functions Added Russian Optimized Functions None. Fixed Bugs None.
HD_THOMASBUILT	V10.10	<ol style="list-style-type: none"> Summary Modified Manually Select Menu. New Functions None. Optimized Functions Modified Manually Select Menu. Fixed Bugs None.
HD_URO	V10.10	<ol style="list-style-type: none"> Summary Added the diagnostic function for the engine system, gearbox system, and electronic brake system. New Functions 1) Added the diagnostic function for the engine system. 2) Added the diagnostic function for the gearbox system. 3) Added the diagnostic function for the electronic brake system. Optimized Functions None Fixed Bugs None
HD_VISEON	V10.01	<ol style="list-style-type: none"> Summary

		<p>Added diagnostic systems for VISEON.</p> <p>2. New Functions</p> <p>Added the following diagnostic systems:</p> <p>1)Automatic gearbox</p> <p>2) Electronically Controlled Air Suspension</p> <p>3) Electronic Braking System</p> <p>4) Electronic Diesel Control, Common Rail</p> <p>5) Distributor-Type Diesel Injection Pump</p> <p>6) Vehicle control unit</p> <p>7) Maintenance system</p> <p>8) Exhaust gas treatment system</p> <p>9) Common Powertrain Controller</p> <p>10) Retarder</p> <p>11) Body computer</p> <p>12) Multiplex</p> <p>13) Modular Door Control System</p> <p>14) Gearbox with electronic control</p> <p>15) Parameter setting of the gearbox</p> <p>3. Optimized Functions,</p> <p>None</p> <p>4. Fixed Bugs</p> <p>None</p>
HD_MAN	V16.50	<p>1. Summary</p> <p>Added special functions for MAN CVM2, PTM management computer system and EHLA steering rear axle system.</p> <p>2. New Functions</p> <p>1) Added special functions for MAN CVM2, PTM management computer system.</p> <p>2) Added special functions for EHLA steering rear axle system.</p> <p>3. Optimized Functions</p> <p>MAN topology structure optimization</p> <p>4. Fixed Bugs</p> <p>None</p>
HD_STERLING	V10.81	<p>1. Summary</p> <p>Added Quick Entry For Commonly Used Special Functions And Optimized The Structure Of The Manually Select.</p> <p>2. New Functions</p> <p>None.</p> <p>3. Optimized Functions</p> <p>1)Added Quick Entry For Commonly Used Special Functions;</p> <p>2)Optimized The Structure Of The Manually Select.</p> <p>4. Fixed Bugs</p> <p>None.</p>
HD_FORCE_MOTORS	V10.01	<p>1. Summary</p> <p>Add Diesel Control Injection, Common Rail、 Electronic Diesel Control、 CNG (Compressed Natural Gas) engine management system.</p> <p>2. New Functions</p> <p>Add CNG (Compressed Natural Gas) engine management system for model Traveller CNG.</p> <p>Add Diesel Control Injection, Common Rail、 Electronic Diesel Control for model Trax.</p> <p>Add Diesel Control Injection, Common Rail、 Electronic Diesel Control for model Shaktiman.</p> <p>Add Diesel Control Injection, Common Rail、 Electronic Diesel Control for model Traveller.</p> <p>Add Diesel Control Injection, Common Rail、 Electronic Diesel Control for model Kargo King.</p> <p>3. Optimized Functions</p> <p>None</p> <p>4. Fixed Bugs</p> <p>None</p>
HD_MALIBU	V10.01	<p>1. Summary</p> <p>Add Engine systems.</p> <p>2. New Functions</p> <p>Add Engine systems for model M5Di.</p> <p>Add Engine systems for model M6Di.</p> <p>3. Optimized Functions</p> <p>None</p> <p>4. Fixed Bugs</p> <p>None</p>
HD_SCARAB	V10.01	<p>1. Summary</p> <p>New add M6 ,MC 210,Minor 25,Maven 65 models,including ECM Cummins system,FPT EDC 17 CV41 system, EMR4 - EDC 17 CV52 system,EMR4 - EDC 17 CV54 system, EMR5 - EDC MD1 system.</p> <p>2. New Functions</p> <p>1) New add M6 models,including ECM Cummins system.</p>

		<p>2) New add MC 210 models,including FPT EDC 17 CV41 system.</p> <p>3) New add Minor 25 models,including EMR4 - EDC 17 CV52 system, EMR4 - EDC 17 CV54 system.</p> <p>4) New add Maven 65 models,including EMR4 - EDC 17 CV52 system, EMR4 - EDC 17 CV54 system, EMR5 - EDC MD1 system.</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs None</p>
HD_SUNLONG	V10.50	<p>1. Summary Added Russian Language</p> <p>2. New Functions Added Russian Language</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs None</p>
HD_WESTERN _STAR	V10.81	<p>1. Summary Added Quick Entry For Commonly Used Special Functions And Optimized The Structure Of The Manually Select.</p> <p>2. New Functions None.</p> <p>3. Optimized Functions 1) Added Quick Entry For Commonly Used Special Functions; 2)Optimized The Structure Of The Manually Select.</p> <p>4. Fixed Bugs None.</p>
HD_DFLZ	V10.15	<p>1. Summary Added the language of russian ,Optimize the structure of the software</p> <p>2. New Functions Added the language of Russian</p> <p>3. Optimized Functions Optimize the structure of the software</p> <p>4. Fixed Bugs None</p>
HD_INTERNA TIONAL	V10.92	<p>1. Summary Added Quick Entry For Commonly Used Special Functions And Optimized The Structure Of The Manually Select.</p> <p>2. New Functions None.</p> <p>3. Optimized Functions 1)Added Quick Entry For Commonly Used Special Functions; 2)Optimized The Structure Of The Manually Select.</p> <p>4. Fixed Bugs None.</p>
HD_ KENWORTH	V10.91	<p>1. Summary Added Quick Entry For Commonly Used Special Functions And Optimized The Structure Of The Manually Select.</p> <p>2. New Functions None.</p> <p>3. Optimized Functions 1)Added Quick Entry For Commonly Used Special Functions; 2)Optimized The Structure Of The Manually Select.</p> <p>4. Fixed Bugs None.</p>
HD_ PETERBILT	V10.83	<p>1. Summary Added Quick Entry For Commonly Used Special Functions And Optimized The Structure Of The Manually Select.</p> <p>2. New Functions None.</p> <p>3. Optimized Functions 1)Added Quick Entry For Commonly Used Special Functions; 2)Optimized The Structure Of The Manually Select.</p> <p>4. Fixed Bugs None.</p>
HD_VOLVO	V18.15	<p>1. Summary Added Actuation Test and Special Function</p> <p>2. New Functions 1) Added for Actuation Test: Electrically Controlled Coolant Pump; 2) Added for Special Function: Exhaust Gas Recirculation System Analysis;</p> <p>3. Optimized Functions None</p>

		4. Fixed Bugs None
HD_ CHANGAN	V10.10	1. Summary Added Russian,optimized software structure. 2. New Functions Add Russian. 3. Optimized Functions Optimize software structure. 4. Fixed Bugs None
HD_IVECO	V21.60	1. Summary Basic functions of brake BSM and engine system EDC MD1+Denox 6-HD for X-WAY/S-WAY/T-WAY models with gateway added. 2. New Functions 1) Added basic functions for BSM system. 2) Added basic functions for EDC MD1 + Denox 6-HD system. 3. Optimized Functions Optimize software structure 4. Fixed Bugs None
HD_VISEON_B US	V10.01	1. Summary Added diagnostic systems for VISEON BUS. 2. New Functions Added the following diagnostic systems: 1)Automatic gearbox 2) Electronically Controlled Air Suspension 3) Electronic Braking System 4) Electronic Diesel Control, Common Rail 5) Distributor-Type Diesel Injection Pump 6) Vehicle control unit 7) Maintenance system 8) Exhaust gas treatment system 9) Common Powertrain Controller 10) Retarder 11) Body computer 12) Multiplex 13) Modular Door Control System 14) Gearbox with electronic control 15) Parameter setting of the gearbox 3. Optimized Functions None 4. Fixed Bugs None
HD_ZF	V10.10	1. Summary Added the menu structure. Added basic functions,Actuation Test And Special Function for some diagnostic systems. 2. New Functions 1) Added the menu structure. 2) Added basic functions for the following systems: WSK MAN , Man-WSK TC2 , AVE130 , TraXon 3) Added Actuation Test for the following systems: EcoLife,eTronic,Tronic Lite-Communication CAN,Tronic Lite-Communication K-Line(MAN),Tronic Lite-Communication Nissan(CAN) 4) Added Special Function for the following systems: eTronic,Tronic Lite-Communication CAN,Tronic Lite-Communication K-Line(MAN),Tronic Lite-Communication Nissan(CAN) 3. Optimized Functions None 4. Fixed Bugs None
SHAOLIN AUTO	V10.40	1. Summary Add Russian support; Add ABS system and after-treatment system; Optimize software structure 2. New Functions Add ABS system and after-treatment system, add Russian support 3. Optimization Functions Optimize software structure 4. Fixed Bugs None
HD_ANKAI	V11.30	1. Summary Add Russian support 2. New Functions

		Add Russian support 3. Optimize Functions None 4. Fixed Bugs None
BEIBEN	V13.20	1. Summary Add Russian, Optimize software structure 2. New Functions Add Russian support 3. Optimize Functions Optimize software structure 4. Fix Bugs None
EV_HD_FLYER	V10.11	1. Summary Added English ,Optimize Software Structure 2. New Functions Added English 3. Optimize Functions Optimize Software Structure 4. Fixed Bugs None
HD_WUZHOUNG	V10.10	1. Summary Add Russian ,Optimizing software structure. 2. New Functions Add Russian. 3. Optimization Functions Optimizing software structure 4. Fixed Bugs None.
KAMA	V11.70	1. Summary Add Russian; Optimize software structure 2. New Functions Add Russian support. 3. Optimization Functions Optimize software structure 4. Fixed Bugs None.
HD_HIMOINSA	V10.01	1. Summary Add diagnosis function for HIMOINSA model engine system. 2. New Functions Add diagnosis function for HIMOINSA model engine system. 3. Optimized Functions None 4. Fixed Bugs None
HD_YQSH	V10.10	1. Summary Added Russian,optimized software struture. 2. New Functions Add Russian. 3. Optimization Functions Optimize software structure. 4. Fixed Bugs None.
SILVERBUS	V10.30	1. Summary Added Russian, optimized software structure.\n 2. New Functions Add Russian. 3. Optimized Functions Optimize software structure. 4. Fixed Bugs None.
HD_ILMOR	V10.01	1. Summary New add 5.7 L,MV8 570,7.4 L MPI-S,7.4 L MPI,6.2 L MV-8,6.0 L MV-8,6.0 L MPI S,6.0 L MPI,5.7 L MV-8,6.2 L GDI,6.2 L GDI-S,5.3 L GDI-S,5.3 L GDI,8.4 L MV-10 models,including MEFI 3,ECM MV8,ECM 4G,ECM MV10 system. 2. New Functions 1) New add 5.7 L,including MEFI 3 system. 2) New add MV8 570,including ECM MV8 system.

		3) New add 7.4 L MPI-S,including ECM MV8 system. 4) New add 7.4 L MPI,including ECM MV8 system. 5) New add 6.2 L MV-8,including ECM MV8 system. 6) New add 6.0 L MV-8,including ECM MV8 system. 7) New add 6.0 L MPI S,including ECM MV8 system. 8) New add 6.0 L MPI,including ECM MV8 system. 9) New add 5.7 L MV-8,including ECM MV8 system. 10) New add 6.2 L GDI,including ECM 4G system. 11) New add 6.2 L GDI-S,including ECM 4G system. 12) New add 5.3 L GDI-S,including ECM 4G system. 13) New add 5.3 L GDI,including ECM 4G system. 14) New add 8.4 L MV-10,including ECM MV10 system. 3. Optimized Functions None 4. Fixed Bugs None
HD_LAIDONG	V10.40	1. Summary Added Russian, optimized software structure 2. New Functions Add Russian 3. Optimized Functions Optimize software structure 4. Fixed Bugs None
HD_GOLD ENDRAGON	V10.40	1. Summary Add Russian 2. New Functions None 3. Optimized Functions None 4. Fixed Bugs None
YUTONG	V11.70	1. Summary Add Russian support; Add ABS system and after-treatment system; Optimize software structure 2. New Functions Add ABS system and after-treatment system, add Russian support. 3. Optimization Functions Optimize software structure 4. Fixed Bugs None

IMMO Software Upgrade

Software	Version	Update Info
IMM_ TRUMPCHI	V10.11	1. Summary Added auto search prompt function,optimized menus,fixed auto search vehicle path mismatch issue,etc. 2. New Functions Added a prompt effect if auto search vehicle does not support the selected. 3. Optimized Functions Optimized menus,some vehicles provided year range. 4. Fixed Bugs 1)Fixed auto search vehicle path mismatch issue; 2)Fixed GS3/GE3,GE3 530 2020 model,GS3 power ,GA4 2021 model,Aion S could not scan ESCL during Anti-theft system detection; 3)Fixed Second Generation GS4(2019.05-2021.04), GS4_PHEV, Second Generation GS4 PHEV(2020.02-),GS4 COUPE Health Report could not scan VCU during Anti-theft system detection; 4)Fixed an issue where the prompt title of the GE3 mechanical key learning function is inconsistent with the current function
IMM_JPISUZU	V10.05	1. Summary Added the functions such as key matching, immobilizer module reset, and engine module reset for ISUZU series. 2. New Functions Added the functions such as key matching, immobilizer module reset, and engine module reset for ISUZU series. 3. Optimized Functions None 4. Fixed Bugs None

		None
IMM_FIAT	V10.03	1. Summary Anti-theft structure adjustment, supporting the anti-theft function of some FIAT models with 46, 48 key. 2. New Functions Anti-theft structure adjustment, supporting the anti-theft function of some FIAT models with 46, 48 key. 3. Optimized Functions None 4. Fixed Bugs None
IMM_MASERATI	V10.05	1. Summary Optimized network communication function. 2. New Functions None 3. Optimized Functions Optimized network communication function. 4. Fixed Bugs None
IMM_SUZUKI	V10.10	1. Summary Optimized network communication function. 2. New Functions None 3. Optimized Functions Optimized network communication function. 4. Fixed Bugs None
IMM_SMART	V10.01	1. Summary It Supports Password Reading, Dealer Key Generation, Key Matching, Body Computer Reset And Body Computer Matching For 453 Model. 2. New Functions None 3. Optimized Functions None 4. Fixed Bugs None
IMM_GM	V10.40	1. Summary The annual coverage of 40 models has been upgraded to 2023. Added anti-theft functions for Chevrolet Trax 2024, Sail 2022, Cavalier 2019-2022 and Monza 2019-2022. Fixed the anti-theft function for some car models. 2. New Functions 1)The annual coverage of 40 models has been upgraded to 2023, including Enclave, Encore GX, Envision, CT4, CT5, Escalade, Escalade ESV, XT4, XT5, XT6, Blazer, Bolt EV, Bolt EUV, Camaro, Corvette, Equinox, Malibu, Onix, Silverado, Suburban, Tahoe, Tracker, Trailblazer, Traverse, Trax, Acadia, Canyon, Savana, Sierra, Terrain, Yukon and Yukon XL etc; 2)Added anti-theft functions for Chevrolet Trax 2024, Sail 2022, Cavalier 2019-2022 and Monza 2019-2022. 3. Optimized Functions None 4. Fixed Bugs Fixed the anti-theft function for some car models.
IMM_TOYOTA	V10.15	1. Summary Support the function “All keys lost (dismantle anti-theft box)” for 8A mechanical key car models as of 2014. 2. New Functions Support the function “All keys lost (dismantle anti-theft box)” for 8A mechanical key car models as of 2014. Support more cars like CAMRY, COROLLA, HIGHLANDER, RAV4, LEVIN. 3. Optimized Functions None 4. Fixed Bugs None
IMM_RENAULT	V10.20	1. Summary Optimized the anti-theft key matching function for 19 car models. Optimized the anti-theft module replacement function for 4 car models. 2. New Functions None 3. Optimized Functions 1) Optimized the anti-theft key matching function and the anti-theft module replacement function for 4 car models such as SCENIC III and ZOE. 2) Optimized the anti-theft key matching function for 3 car models such as CLIO IV and CAPTUR. 3) Optimized the anti-theft key matching function for 6 car models such as KADJAR and KOLEOS II. 4) Optimized the anti-theft key matching function for 6 car models such as CAPTUR II and NEW ZOE.

		4. Fixed Bugs None
IMM_ MAHINDRA	V10.30	1. Summary Optimize BS6 Immobiliser Function. 2. New Functions None 3. Optimized Functions None 4. Fixed Bugs None
IMM_MARUTI	V10.10	1. Summary Optimize Online Pin Code Function. 2. New Functions None 3. Optimized Functions None 4. Fixed Bugs None
IMM_EV_ LIXIANG	V10.01	1. Summary Added the anti-theft matching function for Li Auto ONE. 2. New Functions Added the anti-theft matching function for Li Auto ONE. 3. Optimized Functions None 4. Fixed Bugs None
IMM_ USAFORD	V10.65	1. Summary Added IMMO Matching Function 2. New Functions Added IMMO Matching Function For Year 2022-2023 Escape (Asia), Corsair, F-Series Heavy Duty Trucks, Ford Edge, Nautilus Models. 3. Optimized Functions None 4. Fixed Bugs None