LAUNCH News

Diagnostic Software Update of August

Diagnostic software coverage details are available in the following link:
https://qcar.x431.com/qcar/

Passenger Car Software Upgrade

Software	Version	Update Info
NISSAN	V44.78	1. Summary Added the automatic coding function for Nissan NV250, NV400, etc. Added about 1000 actuation test and special functions for 2021 X-TRAIL, ALTIMA/TEANA, QASHQAI, etc. Fixed some test bugs. 2. New Functions 1) Added the automatic coding function for Nissan NV250, NV400, etc. 2) Added about 1000 actuation test and special functions (such as idle speed air amount learning, target idle speed adjustment, steering angle sensor adjustment) for 2021 X-TRAIL, ALTIMA/TEANA, QASHQAI, etc. 3. Optimized Functions 1) Optimized the ADAS function. 2) Optimized the automatic search (VIN identification) function. 3) Optimized the anti-theft function for old models such as NV200 and BLUEBIRD. 4) Optimized actuation test for the ABS system of PICKUP. 4. Fixed Bugs 1) Fixed the DTC clearing function bugs for 2020 X-TRAIL. 2) Fixed the bug that the DTC reading description is inaccurate for 2020 QASHQAI.
LIUWEI_TY	V20.84	1. Summary Optinmize software structereas. 2. New Functions None 3. Optimized Functions Optinmize software structereas. 4. Fixed Bugs None
MASERATI	V11.30	1. Summary Added the functions Read DTCs, Clear DTCs, Read Data Streams, and Oil Reset for systems of 2019-2021 GHIBLI and QUAROPORTE, and 2021 LEVANTE. Added data stream standard values for systems of 2013-2018 GHIBLI and QUAROPORTE, and 2016-2020 LEVANTE.

		2. New Functions 1)Added the functions Read DTCs, Clear DTCs, Read Data Streams, and Oil Reset for systems of 2019-2021 GHIBLI and QUAROPORTE, and 2021 LEVANTE. 2)Added data stream standard values for systems of 2013-2018 GHIBLI and QUAROPORTE, and 2016-2020 LEVANTE. 3. Optimized Functions None 4. Fixed Bugs None
HCXY	V10.40	1. Summary Added 750(2018),750(Export),X30(Export),529,S402EV,T20EV,T30EV,T50EV,X30EV(2019),X30LEV(2019),X30LEV models; re-developed basic functions, such as "read fault code", "clear fault code" and "read data stream", and special functions, including "write data or configuration", "immobilizer matching", "GPF reset" and "maintenance bleeding", for all of systems. 2. New Functions 1) All function of 6 systems including Engine, Anti-brake, Airbag ,etc. under new 750(2018) model. 2) All function of 11 systems including Engine, Anti-brake, Airbag, etc. under new 750(Export) model. 3) All function of 18 systems including Engine, Anti-brake, Airbag,etc.under new X30(Export) model. 4) All function of 8 systems including Engine, Anti-brake, Instrument, etc. under new 529 model. 5) All function of 8 systems including Baery Management, Motor, Vehicle Controller, etc. under new S402EV model. 6) All function of 6 systems including Baery Management, Motor, Vehicle Controller, etc. under new T20EV model. 7) All function of 9 systems including Baery Management, Motor,Vehicle Controller, etc.under new T30EV model. 8) All function of 7 systems including Baery Management, Motor, Vehicle Controller, etc. under new T50EV model. 9) All function of 4 systems including Baery Management, Motor, etc. under new X30EV(2019) model. 10) All function of 5 systems including Baery Management, Motor, etc. under new X30LEV(2019) model. 11) All function of 13 systems including Baery Management, Motor, Vehicle Controller, etc. under new X30LEV model. 3. Optimized Functions Optinmize software structereas. 4. Fixed Bugs None

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TOYOTA	V50.00	1. Summary Added basic functions such as Read DTCs and Read Data Streams for some 2022MY models. Added the special functions (FC Stack Electric Charge Release, Water Vapor Dilution Control Seing, ECU Data Save, ECU Data Write, Ion Exchanger Maintenance Distance Seing, Disconnect System Function Check) for some car models. Optimized the BSM Beam Axis Adjustment function and the Automatic Camera Adjustment function for some car models. 2. New Functions 1) Added basic functions such as Read DTCs and Read Data Streams for 2022 Yaris, 86, Corolla Cross, etc. 2) Added the special functions (FC Stack Electric Charge Release, Water Vapor Dilution Control Seing, ECU Data Save, ECU Data Write, Ion Exchanger Maintenance Distance Seing, Disconnect System Function Check) for 2020-2021 Camry, Corolla, etc. 3. Optimized Functions 1) Optimized the BSM Beam Axis Adjustment function for 2019-2022 RAV4, Corolla, etc. 2) Optimized the Automatic Camera Adjustment function for 2013-2021 LS460, GS350, etc. 4. Fixed Bugs None
TESLA	V10.05	1. Summary Added DTCs for some systems of Model S and Model X. Added basic functions and special functions for some systems of Model 3, Model S, and Model X. Added the following common special functions: clear airbag crash data, read EEPROM, brake bleeding, calibrate charging door, key learning, key service, AIR service. Added the instructions for the airbag crash data reset function of each model. Optimized the car model menu structure. Optimized the quick test and system scanning functions. 2. New Functions 1) Added DTCs for some systems of Model S and Model X. 2) Added the following special functions for systems (such as the baery management system, tire pressure monitoring system, drive inverter, and airbag system) of Model 3, Model S, and Model X: reset contactor stress counter U019, clear contactor stress result, learn VIN automatically, reset crash data automatically, reset anti-theft system, read resistance 3) Added the following common special functions: clear airbag crash data, read EEPROM, brake bleeding, calibrate charging door, key learning, key service, AIR service 4) Added the instructions for the airbag crash data reset function of each model. 3. Optimized Functions 1) Optimized the car model menu structure. Added the special function menus. 2) Optimized the quick test and system scanning functions. 4. Fixed Bugs None
MALAYSIA PROTON	V14.90	1. Summary Optimized car models such as SAGA NFE, EXORA BOLD, PREVE, and ERTIGA. 2. New Functions 1) Added all functions for the gearbox system 4AT mode of SAGA NFE. 2) Added special functions for systems (such as Engine, AT, ABS, BCM) of ERTIGA.

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		3. Optimized Functions
		Optimized the data streams and actuation test for systems (such as Engine, ABS, BCM) of PREVE and EXORA BOLD.
		4. Fixed Bugs
		1) Fixed the actuation test functions (such as Canister Purge Valve) for the engine system of SAGA NFE.
		2) Fixed all special functions for the body system of EXORA BOLD.
VOLVO	V44.52	1. Summary
		Added content for all models in the year of 2020; Extract commonly used special functions to the outermost menu for LYNK & CO models; Optimized system entry content for S90L model.
		2. New Functions
		1) Added content for all systems including update Data stream, Actuation test and DTC library for S90 (17-), V60 (19-), S90L, XC40, S60 (19-), V90 (17-), V90 Cross Country, XC60 (18-), XC90 (16-) and more models in the year of 2020;
		2) Added special functions of Check A/C system for CCM (Climate Control Module), Reset the adaptation value of SCR system for DIESEL ENG (Diesel Engine), Quick test for EVAP purge valve and Read the values of fuel adaptation area for ECM (Engine Control Module), Start Park Assist Camera (PAC) to view for PAC (Park Assist Camera), Reset the DTCs in Steering Column Lock (SCL) for SCL (Steering Column Lock) module, Hybrid Front Axle Drive HyFAD standard for IGM (Inverter Generator Module), Calibrate Steering Angle Sensor (SAS) and sensors in Inertial Measurement Unit (IMU) for VDDM (Vehicle Dynamic Domain Master), Lock or Unlock SODL/SODR and Reset SODL/SODR to factory default seings for SODL/SODR (Side Obstacle Detection control module – Left/Right), Initialize the yaw rate offset compensation for SRS (Supplemental Restraint System) module, Reset adaptation values for Transmission Control Module (TCM) etc. of S90 (17-), V60 (19-), S90L, XC40, S60 (19-), V90 (17-), V90 Cross Country, XC60 (18-), XC90 (16-) and more models in the year of 2020;
		3. Optimized Functions
		Optimized the function of Reset service lamp and Extract special functions to the outermost menu for handbrake maintenance position of LYNK & CO models;
		4. Fixed Bugs
		None.

Heavy-Duty Truck Software Upgrade

Software	Version	Update Info
HD_FUSO	V17.30	1. Summary
		Added the actuation test function for some systems of Mitsubishi and Fuso models.
		2. New Functions
		1) Added the actuation test function for systems such as the ECM (Engine Control Module), IC (Integrated Control), TCM (Transmission Control Module), CCS (Cruise Control System), AMB (Smart A/C), MBECS (Energy Regeneration Brake), ESS (Emergency Stop

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		Signal), MDAS (Driver Aention Monitoring), SCANDW (Workshop Distance Alarm), MILES (Smart Load Monitoring), EZGO (Uphill Start), SUS (Air Suspension), EMCM (Motor Control System), BCU (Baery Control Unit), SRS (Supplemental Restraint System), ISS (Integrated Safety), and ABS (Anti-lock Brake System). 3. Optimized Functions Optimized the software structure. 4. Fixed Bugs None
CUMMINS	V15.89	1. Summary Optimize the structure of the software 2. New Functions None 3. Optimized Functions Optimized the function of DTC 4. Fixed Bugs Fixed display issues with special function
HD_ABS	V11.32	1. Summary Added Xiangyang Xincheng ABS system, Xiangyang Xincheng hydraulic ABS system, Trinova Xiaobawang ABS system and Trinova Tuyi ABS system. 2. New Functions 1)Added basic functions for Xiangyang Xincheng ABS system; 2)Added basic functions for Xiangyang Xincheng hydraulic ABS system; 3)Added basic functions and actuation test for Trinova Xiaobawang ABS system; 4)Added basic functions and actuation test for Trinova Tuyi ABS system. 3. Optimized Functions None 4. Fix Bugs None
HD_RENAULT	V11.80	1. Summary Added the fault code function of Maxity model engine and ABS system, added the fault code function and special functions of Midlum model suspension system. 2. New Functions 1)Added the fault code function of Maxity model engine and ABS system. 2)Added the fault code function and Calibrate Height Sensor function of Midlum model suspension system. 3. Optimized Functions Optimized the software structure. 4. Fixed Bugs None.
HD_BENDIX _ABS	V10.60	1. Summary Optimized Read Trouble Codes Function of EC80 System. 2. New Functions None. 3. Optimized Functions

		Optimized Read Trouble Codes Function of EC80 System.
		4. Fixed Bugs
		None.
SCANIA	V15.20	1. Summary
		Optimized the software structure. Added 6 special functions for the COO7 control unit of the COO system.
		2. New Functions
		For the COO7 control unit of the COO system, added 3 check functions (atmospheric pressure, 0 efficiency, odometer reading) and 3 adjustment functions (odometer seing adjustment, coordinator time control unlocking, coordinator unlocking).
		3. Optimized Functions
		Optimized the software structure. Added the topological graph for vehicle scanning, and the scanning menus for common special functions.
		4. Fixed Bugs
		None.
HD_AGCO	V10.01	1. Summary
		Added some systems of engine.
		2. New Functions
		Added diagnostic support for the following engines:
		EEM3,EEM4,EEM4_C63,EEM4F,EEM4S5,FPT,Shibaura,SimponT4F.It contains read version information, fault code and data stream.
		3. Optimized Functions
		None.
		4. Fixed Bugs
		None.
HD_ECU_BD	V10.20	1. Summary
		Added calibration functions for WEICHAI self-developed WISE13A system.
		2. New Functions
		Added 40 calibration functions for WEICHAI self-developed WISE13A system, including idle up, idle speed adjustment, full-range speed governing, gearbox function, max vehicle speed limit, OEM variable, cruise control, fan control, SCR, DPF.
		3. Optimized Functions
		None
		4. Fix Bugs
		None.
DAF	V14.36	1. Summary
		Added Euro 6 new system; optimized the software structure.
		2. New Functions
		Added engine PCI(Programmable Control Interface), gearbox Traxon and Vehicle Electric Control Unit basic functions
		3. Optimized Functions
		Optimized software structure
		4. Fixed Bugs
		None

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