LAUNCH News

Diag Software Update of July

Diagnostic software coverage details are available in the following link:

https://qcar.x431.com/qcar/

Passenger Car Software Upgrade

Software	Version	Update Info
KIA	V45.40	1. Summary Added 16 models ECU Upgrade Function with ENG/ABS/AC/AT/BCM/SMK/ESP/EPB/IC/EPS/AFLS System,such as Soul(AM)、Sorento(BL)、Cee'd(ED)、RIO(JB)、Sportage(KM)、Optima/Magentis(MG) in General Area; Added ADAS PRO+ target prompt information; Optimized software structure.
IMM_LANDROVER	V10.02	1. Summary 1) Support Land Rover/Jaguar Key Learning function before 2015, non-removal Key Matching for some models in 2015-2018. 2. New Functions 1) Key Learing in the Programming Mode in 2008-2015. 2) non-removal Key Matching for some models in 2015-2018. 3. Optimized Functions None 4. Fixed Bugs None
RESET COOLANT	V10.15	1. Summary Optimized electrical water pump start-up function for BMW\MINI\HCBMW\ROLLSROYCE、VOLVO and VW. 2. New Functions None 3. Optimized Functions Optimized electrical water pump start-up function for BMW\MINI\HCBMW\ROLLSROYCE、VOLVO and VW. 4. Fixed Bugs None
RESET NOX SENSOR	V10.15	1. Summary Optimized nitrogen oxide reset function for BMW\MINI\HCBMW\ROLLSROYCE、FORD\CHANGANFORD、GM、OPEL\VAUXHALL、TOYOTA\LEXUS、VOLVO and VW.

		2. New Functions None 3. Optimized Functions Optimized nitrogen oxide reset function for BMW\MINI\HCBMW\ROLLSROYCE、 FORD\CHANGANFORD、 GM、 OPEL\VAUXHALL、TOYOTA\LEXUS、 VOLVO and VW. 4. Fixed Bugs None
RESET TRANSPORT	V10.15	1. Summary Added the function of Deactivate Transport Mode for BENZ, JAGUAR, LANDROVER, VOLVO, ACURA and HONDA; 2. New Functions 1) Added the function of Deactivate Transport Mode for some models of BENZ passenger car A-Class, B-Class, C-Class, S-Class and R-Class; 2) Added the function of Deactivate Transport Mode for JAGUAR; 3) Added the function of Deactivate Transport Mode for LANDROVER; 4) Added the function of Deactivate Transport Mode for VOLVO; 5) Added the function of Deactivate Transport Mode for ACURA; 6) Added the function of Deactivate Transport Mode for HONDA; 3. Optimized Functions None 4. Fixed Bugs None
RESET STOPSTART	V10.15	1. Summary Optimized start/stop setup function for FORD\CHANGANFORD and VW. 2. New Functions None 3. Optimized Functions Optimized start/stop setup function for FORD\CHANGANFORD and VW. 4. Fixed Bugs None
DFXK (Dongfeng XiaoKang)	V14.30	1. Summary Added full-system, full-function for Glory 500, Glory E3 EVR. 2. New Functions 1)Added Basic Function and Special Function for 21 systems under Glory 500. 2)Added Basic Function and Special Function for 35 systems under E3 EVR. 3. Optimized Functions None 4. Fixed Bugs None
BENZ	V49.80	1. Summary Added some functions and optimized some diagnostic functions.

		2. New Functions 1) Added basic functions and actuation test for the VCS (Voice Control System) under chassis 221. 2) Added the following special functions for the suspension system under chassis 221： i) Cyclically alternating actuation of all suspension struts in a circular motion (rodeo) ii) Cyclically alternating actuation of front and rear suspension struts (pitch) 3. Optimized Functions 1) Optimized the data stream function for the 360 degree camera under chassis 212. 2) Optimized the DTC function for the EPS (Electric Power Steering) system under chassis 253. 3) Optimized special functions for the RL radar sensor under chassis 222. 4. Fixed Bugs None.
TOYOTA	V50.40	1. Summary Added the following special functions for 2022MY Toyota models including Tundra HV, Raize, and bZ4X: Front Radar Function Restriction Mode, Camera Function Restriction Mode, Front Side Radar Beam Axis Adjustment, BSM Beam Axis Adjustment, New Key Registration, Add Key Registration, Key Code Erasure, Inspection of Sonar Area. Optimized the input range of actuation test data values. Optimized the processes for ADAS function camera calibration, radar calibration, and blind spot calibration. 2. New Functions Added the following special functions for 2022MY Toyota models including Tundra HV, Raize, and bZ4X: Front Radar Function Restriction Mode, Camera Function Restriction Mode, Front Side Radar Beam Axis Adjustment, BSM Beam Axis Adjustment, New Key Registration, Add Key Registration, Key Code Erasure, Inspection of Sonar Area. 3. Optimized Functions 1) Optimized the input range of actuation test data values. 2) Optimized the processes for ADAS function camera calibration, radar calibration, and blind spot calibration. 4. Fixed Bugs None 5. Optimized Service Functions None
RESET PROG	V10.50	1. Summary Added the function All Keys Lost Mode 2(Dismantle and Read the Instrument). Added the Flash & Eeprom data decryption function for gearbox DQ380. Added ECU reading and writing function for 5 ME7XX Bosch series engines. Added the ECU reading/writing function for the DQ500_ CONTINENTAL gearbox. Optimized the FLASH restoration function for Bosch series engines. 2. New Functions 1) Added the function All Keys Lost Mode 2(Dismantle and Read the Instrument); 2) Added the Flash & Eeprom data decryption function for gearbox DQ380; 3) Added ECU reading and writing function for 5 ME7XX Bosch series engines, namely, M7.9.7.1, ME7.4.5, ME7.4.9, ME7.8.8, ME7.9.7.1 and MG7.9.8.

		4) Added the ECU reading/writing function for the DQ500_ CONTINENTAL gearbox. 3. Optimized Functions Optimized the FLASH restoration function for Bosch series master control chip TC1766. 4. Fixed Bugs None
RESET AC INI (AC Initialization)	V10.05	1. Summary Optimized auto AC initialization function for BMW\MINI\HCBMW\ROLLSROYCE and FORD\CHANGANFORD、 LANDROVER\JAGUAR 、 TOYOTA\LEXUS、 VOLVO and VW. 2. New Functions None 3. Optimized Functions Optimized auto AC initialization function for BMW\MINI\HCBMW\ROLLSROYCE and FORD\CHANGANFORD、 LANDROVER\JAGUAR 、 TOYOTA\LEXUS、 VOLVO and VW. 4. Fixed Bugs None
RESET MOT ANG (Motor Angle)	V10.05	1. Summary Optimized motor angle position function for BMW\MINI\HCBMW\ROLLSROYCE and TOYOTA\LEXUS. 2. New Functions None 3. Optimized Functions Optimized motor angle position function for BMW\MINI\HCBMW\ROLLSROYCE and TOYOTA\LEXUS. 4. Fixed Bugs None
RESET AIR FUEL	V10.15	1. Summary Optimized calibration function for BMW\MINI\HCBMW\ROLLSROYCE、 FORD\CHANGANFORD and VW A/F. 2. New Functions None 3. Optimized Functions Optimized calibration function for BMW\MINI\HCBMW\ROLLSROYCE、 FORD\CHANGANFORD and VW A/F. 4. Fixed Bugs None
DONGNAN	V20.80	1. Summary Added DX5,DX5F,DX9,V5EV and EV10 models; Developed basic functions, such as "read DTC", "clear DTC" and "read data stream", and special functions, including "write data or

		configuration", "immobilizer matching", "zero position learning" and "maintenance bleeding", for a total of 71 systems. 2. New Functions 1)All function of 21 systems including Engine , Body , Airbag , etc.under new DX5 Cross model. 2)All function of 14 systems including Engine , Body , Airbag , etc.under new DX5F model. 3)All function of 22 systems including Engine , Body , Airbag , etc.under new DX9 model. 4)All function of 13 systems including Engine , Body , Airbag , etc.under new EV10 model. 5)All function of 13 systems including Battery Management , Motor Controller , Vehicle Controller , etc.under new V5 EV model. 3. Optimized Functions Optinmize software structureas 4. Fixed Bugs None
FUTIAN	V13.80	1. Summary Added basic functions and special functions for 12 systems of EVC3、K1-New energy (2018-) and update basic functions and special functions for 7 systems of Tunland - New energy (2018)、 View - New energy (2018-) and Toano - New energy (2018-). 2. New Functions 1）Added basic functions and special functions for 6 systems of EVC3. 2）Added basic functions and special functions for 6 systems of K1-New energy (2018-). 3）Update basic functions and special functions for 2 systems of Tunland-New energy (2018). 4）Update basic functions and special functions for 3 systems of View-New energy (2018-). 5）Update basic functions and special functions for 2 systems of Toano-New energy (2018-). 3. Optimized Functions None 4. Fixed Bugs None
LIFAN	V13.10	1. Summary Added basic functions for 1 models of LIFAN New Energy. 2. New Functions Added Read Data Streams for 2 systems of LIFAN 5208EV. 3. Optimized Functions None. 4. Fixed Bugs Fixed bug of Key Match Function for 820 HIRAIN IMMO
HMAZDA	V13.20	1. Summary Added basic functions,actuation test, special function for Anti-brake system,Continental airbag system,Body control system,Electric Power Steering System for Premacy EV,Haima EC,Haima Aishang EV. 2. New Functions 1)Added actuation test, special function for Premacy EV Anti-brake system. 2)Added basic function, special function for Haima EC Anti-brake system, Continental airbag system.

		3)Added basic function, special function for Haima Aishang EV modle.
		3. Optimized Functions
		    None.
		4. Fixed Bugs
		    1)Fixed safety verification sending issue in Haima S5 model engine system special function.
		    2)Fixed actuation test issue for Haima S5 vehicle body system.

BAIC	V11.70	1. Summary Added basic functions and all special functions for 1 models of BAIC BJEV, and fixed some software bugs. 2. New Functions Added basic functions (including Version Information, Read DTCs, Clear DTCs, Read Data Streams, Actuation Test) and all special functions (including after-sales ECU matching and ABS bleeding) for 23 systems of BAIC BJEV EC5. 3. Optimized Function None. 4. Fixed Bugs Fixed bug for Senova D70.
CHRYSLER	V33.80	1. Summary Optimized special functions for systems (such as the BCM, PCM, ABS, and TCM) of 2018-2020 models. 2. New Functions None 3. Optimized Functions Added or optimized the following special functions for 2018 Renegade, 2019 Cherokee, 2019 Compass, 2019 Grand Commander, 2020 Renegade, 2021 Compass, 2021 Durango, 2021 Gladiator, 2021 Ram 1500, 2021 Renegade, 2021 Wrangler, 2022 Compass: Check air presence in ABS unit, ACC DASM Drive Calibration, Lock doors command, Enable HV Battery Contactors For Service, Disable HV Battery Contactors, Power Down, Belt Capacity Adaptation Reset, 12V Charging System Test, Air filter replacement 4. Fixed Bugs None
USAFORD	V49.05	1. Summary Added cooling system filling and bleeding function; Optimized function categories; Fixed bug. 2. New Functions Added cooling system filling and bleeding function for 2021-2022 year model Ford Mach-E and Transit; 3. Optimized Functions Optimized function categories 4. Fixed Bugs Fixed some bug.
SGM (Shanghai GM)	V52.35	1. Summary Optimized the software structure. 2. New Functions

Software	Version	Update Info
INDIAN MAHINDRA	V14.00	None 3. Optimized Functions Optimized the software structure. 4. Fixed Bugs None
		1. Summary Add Oil Reset function of THAR_BS6.Optimized software structure. 2. New Functions Add Oil Reset function of THAR_BS6. 3. Optimized Functions None 4. Fixed Bugs None 5. Maintenance Service Update Add support for OIL, SAS, BLEED, DPF,IMMO, INJECT.
IMM_ HUACHEN	V10.10	1. Summary Added PEPS system of ZHONGHUA H330 and Junjie FSV, and their related anti-theft function 2. New Functions 1) Added PEPS system of ZHONGHUA H330 and Junjie FSV, and their related anti-theft function, such as matching smart card, matching new system, deleting immobilizer,etc 3. Optimized Functions None 4. Fixed bugs None
IMM_JAC	V10.10	1. Summary Add Ruifeng S5 Quick Test And BCM Reprogramming Function,Optimized Diagnostic Software. 2. New Functions 1)Add Ruifeng S5 Quick Test. 2)Add Ruifeng S5 BCM Reprogramming Function. 3. Optimized Functions Optimized Diagnostic Software. 4. Fixed Bugs None.

Heavy-Duty Truck Software Upgrade

Software	Version	Update Info
MAN	V16.10	1. Summary Added actuation test and special functions for the engine system, management computer, and operation and display system. Optimized data streams for some systems.
HD_ COACHME	V10.01	1. Summary Added All Systems Support, including Engine, Gearbox and ABS.

N RV		2. New Functions Added All Systems Support, including Engine, Gearbox and ABS. 3. Optimized Function None. 4. Fixed Bugs None.
HD_ ENTEGRA COACH	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_JAYCO	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 Functions None. 4. Fixed Bugs None.
HD_NEWM AR	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 Functions None. 4. Fixed Bugs None.
HD_NEXUS RV	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 Functions None. 4. Fixed Bugs None.
HD_ THOR MOTOR COACH	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 Functions None.

		4. Fixed Bugs None.
HD_BENDIX _ABS	V10.70	1. Summary Add Special Functions Of Wingman System,SDP System Action Test And Side Radar System. 2. New Functions Add Special Functions Of Wingman System,SDP System Action Test And Side Radar System. 3. Optimized Functions None. 4. Fixed Bugs None.
HD_PSI	V10.10	1. Summary Added Actuation Functions, Special Functions and Coding for PSI Engine System. 2. New Functions 1) Added Actuation Functions for PSI Engine System, including Fan Control, Engine Throttle Control, etc. 2) Added Special Functions for PSI Engine System, including Injector Disable, Trip Information Reset, etc. 3) Added Coding Functions for PSI Engine System. 3. Optimized Functions None 4. Fixed Bugs None
HD_IVECO	V21.30	1. Summary Optimized the menu structure. Added the service function and injector replacement function for multiple car models. 2. New Functions 1) Added the service function for the system Body Computer 2. 2) Added the injector replacement function for the system EDC16C39 BOSCH K. 3. Optimized Functions Optimized the menu structure. 4. Fixed Bugs None
HD_SANYI	V10.01	1. Summary Added the autonomous BOSCH aftertreatment China V and China VI system. 2. New Functions 1) Added the basic functions and special functions for SANY autonomous ECU_EQ15 China V system. 2) Added the basic functions, special functions and calibration function for SANY autonomous ECU_EQ15-2 China VI system. 3) Added the basic functions, special functions and matching & setting functions for BOSCH China VI MD1 system. 4) Added the basic functions, actuation test and special functions for Kailong China V and China VI. 3. Optimized Functions

			None
		4.	Fixed Bugs
			None
HD_ MAXXFORC E	V10.90	1.	Summary
			Optimized The Parameter And Freeze Frame Function of The Engine Systems After 2007.
		2.	New Functions
			None.
		3.	Optimized Functions
			1) Optimized The Parameter Function of The Engine Systems After 2007.
			2) Optimized The Freeze Frame Function of The Engine Systems After 2007.
		4.	Fixed Bugs
			None.
HD_ECU	V12.00	1.	Summary
			Add BOSCH/DENSO engine system remobable board flashing function. Add BOSCH and DELPHI engine system flashing function.
		2.	New Functions
			1)Add DENSO engine system remobable board flashing function.
			2)Add BOSCH E6 MD1CE108 engine system remobable board flashing function.
			3)Add BOSCH E6 MD1CC878 engine system remobable board flashing function.
			4)Add BOSCH E6 MD1CE100 engine system remobable board flashing function.
			5)Add BOSCH E6 MD1CS089 engine system remobable board flashing function.
			6)Add QuanChai Bosch E6 EDC17C81 P2290 engine system flashing function.
			7)Add CQISUZU Bosch E6 EDC17C81 P1926 engine system flashing function.
			8)Add Foton Bosch E6 EDC17C81 P1941 engine system flashing function.
			9)Add DongFeng Nissan ZD30 Bosch E6 EDC17C81 P1928 engine system flashing function.
			10)Add JMC Bosch E6 EDC17C81 P1877 engine system flashing function.
			11)Add JMC Bosch E6 MD1CS089 P1853 engine system flashing function.
			12)Add YuChai Bosch E6 MD1CE108 engine system backup function.
			13)Add YuChai Bosch E6 MD1CC878 P2061 engine system flashing function.
			14)Add JAC Bosch E6 MD1CC878 P1968 engine system flashing function.
			15)Add WeiChai WISE13D/13G engine system flashing function.
			16)Add WeiChai WISE13E engine system flashing function.
			17)Add YunNei Delphi E6 MDD06 engine system flashing function.
			18)Add FAWE6 engine system backup function.
			19)Add JAC Delphi DCM6.2AP E5 engine system flashing function.
			20)Add GreatWall 4D20M Delphi DCM7.1 E6 engine system flashing function.
			21)Add DongFeng Light M9T Delphi DCM7.1 E6 engine system flashing function.
			22)Add CQISUZU Delphi DCM6.2AP E5 engine system backup function.
			23)Add CQISUZU Delphi DCM7.1 E6 engine system backup function.
			24)Add LiaoNing NewWind ECU18 E6 engine system flashing function.
			25)Add DFCV DDi11 ACM E6 SCR system flashing function.
			26)Add DFCV A3CU E6 SCR system flashing function.
			27)Add Cummins bad ECU flashing wiring diagram
		3.	Optimized Functions

		1)Optimize YuChai SanLi DCU flashing function. 2)Optimize ChaoChai Bosch E6 MD1CC878 engine system flashing function. 3)Optimize QaunChai Bosch E6 MD1CC878 engine system flashing function. 4)Optimize YiKeKaTe DCU flashing function. 5)Optimize Sinotruck DCU flashing function 4. Fixed Bugs None
HD_ERF	V10.15	1. Summary Optimized vehicle model software structure, added ADAS diagnosis function. 2. New Functions 1) Added diagnosis function for LGS Lane Departure Warning System. 2) Added diagnosis function for ACC radar sensor system. 3. Optimized Functions Optimized vehicle model software structure 4. Fixed Bugs None