

Diag Software Update of June

Diagnostic software coverage details are available in the following link:

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

Passenger Car Software Upgrade

Software	Version	Update Info
HYUNDAI	V51.40	<ol style="list-style-type: none">1. Summary Added diagnostic functions for 2021 - 2022 models. Added special functions related to ADAS system in 2021 - 2022. Optimized software structure.2. New Functions<ol style="list-style-type: none">1) Added diagnostic functions for 52 models of ELANTRA(CN7), GV70(JK1), GV80(JX1), IONIQ 5(NE EV), SANTAFE hybrid(TM HEV), SANTAFE plug-in(TM PHEV), SANTRO(AH2), SONATA hybrid(DN8 HEV), STARIA(US4), TUCSON(NX4), TUCSON HEV(NX4e HEV), TUCSON PHEV(NX4e PHEV), etc. in the general area from 2021 - 2022.2) Added diagnostic functions for 28 models of ELANTRA(CN7), GV70(JK1), GV80(JX1), IONIQ 5(NE EV), SANTA CRUZ(NX4A OB), SANTAFE hybrid(TM HEV), SANTAFE plug-in(TM PHEV), SONATA hybrid(DN8 HEV), TUCSON(NX4), TUCSON HEV(NX4 HEV), TUCSON PHEV(NX4 PHEV), etc. in the USA area from 2021 - 2022.3) Added special functions related to ADAS system in 2021 - 2022.3. Optimized Functions Optimized software structure.4. Fixed Bugs None
BMW	V50.90	<ol style="list-style-type: none">1. Summary Updated basic functions and special functions of some chassis. Updated the data of the F, G, I series functions such as programming, coding, personalization, and refitting to March 2022.2. New Functions Added basic functions, special functions, programming, coding, personalization, and refitting functions for chassis U06 and I20.3. Optimized Functions<ol style="list-style-type: none">1) Updated the data of the functions VIN, Version Information, Read DTCs, Clear DTCs, DTC Help, Freeze Frames, Read Data Streams, Actuation Test, and Testable Car Model Support to the year 2022.2) Optimized the personalization expert mode.

		<p>3) Updated special functions for the chassis such as F01, F10, F57, F56, I12, G05, G12, G11, G15, G28, G29, G30.</p> <p>4. Fixed Bugs Fixed known bugs.</p>
RESET IMMO	V11.15	<p>1. Summary Optimized the immobilizer matching function for ASTONMARTIN, BMW\MINI\HCBMW\ROLLSROYCE, CHRYSLER, FIAT\ROMEO\LANCIA, FORD\CHANGANFORD, GM, LANDROVER\JAGUAR, MAZDA\YQMAZDA, OPEL\VAUXHALL, SGM, SUBARU, SUZUKI, TOYOTA\LEXUS, VW.</p> <p>2. New Functions None</p> <p>3. Optimized Functions Optimized the immobilizer matching function for ASTONMARTIN, BMW\MINI\HCBMW\ROLLSROYCE, CHRYSLER, FIAT\ROMEO\LANCIA, FORD\CHANGANFORD, GM, LANDROVER\JAGUAR, MAZDA\YQMAZDA, OPEL\VAUXHALL, SGM, SUBARU, SUZUKI, TOYOTA\LEXUS, VW.</p> <p>4. Fixed Bugs None</p>
RESET AIRBAG	V10.05	<p>1. Summary Optimized The Airbag Reset Function For ASTONMARTIN, FORD\CHANGANFORD, GM, MAZDA\YQMAZDA, And SGM.</p> <p>2. New Functions None</p> <p>3. Optimized Functions Optimized The Airbag Reset Function For ASTONMARTIN, FORD\CHANGANFORD, GM, MAZDA\YQMAZDA, And SGM.</p> <p>4. Fixed Bugs No</p>
INDIAN MAHINDRA	V13.90	<p>1. Summary Fix problem of key programming.</p> <p>2. New Functions None.</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs Fix problem of key programming.</p>
BENZ	V49.77	<p>1. Summary Optimized the software. Added basic functions, actuation test, and special functions for chassis such as 118, 167, 177, 205, 213, 222, 238, 247, 253, and 463(2018MOPF).</p> <p>2. New Functions Added basic functions, actuation test, and special functions for chassis such as 118, 167, 177, 205, 213, 222, 238, 247, 253, and 463(2018MOPF).</p> <p>3. Optimized Functions Optimized the software.</p>

		<p>4. Fixed Bugs None</p>
SMART	V18.03	<p>1. Summary Support the actuation test diagnosis function.</p> <p>2. New Functions Support the actuation test diagnosis function.</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs None</p>
BMW	V50.92	<p>1. Summary Updated basic functions and special functions of some chassis. Updated the data of the F, G, I series functions such as programming, coding, personalization, and refitting to March 2022.</p> <p>2. New Functions Added basic functions, special functions, programming, coding, personalization, and refitting functions for chassis U06 and I20.</p> <p>3. Optimized Functions 1) Updated the data of the functions VIN, Version Information, Read DTCs, Clear DTCs, DTC Help, Freeze Frames, Read Data Streams, Actuation Test, and Testable Car Model Support to the year 2022. 2) Optimized the personalization expert mode. 3) Updated special functions for the chassis such as F01, F10, F57, F56, I12, G05, G12, G11, G15, G28, G29, G30.</p> <p>4. Fixed Bugs Fixed known bugs.</p>
INDIAN MAHINDRA	V13.91	<p>1. Summary Fix problem of key programming.</p> <p>2. New Functions None.</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs Fix problem of SK Not Matching Error in key programming.</p>
LAND ROVER	V34.10	<p>1. Summary Added the following 60 special functions for car models as of 2017: injector valve test, diesel exhaust fluid level check, EGR valve, A/C seat calibration, electric vehicle battery cooling circuit filling program and display traction battery data Added the online programming function for the following systems of Land Rover Discovery 3 (2005-2009), Range Rover (2006), Range Rover (2007-2009), Range Rover Sport (2005-2009): ACM (Audio Front Control Module), PCM (Power Control Module), RCM (Restraint Control Module), TCM (Transmission Control Module), BCM (Body Control Module), TCCM (Transfer Case Control Module), RLM (Ride Level Module), HVAC (Heating, Ventilation and Air Conditioning); Fixed the known function bugs.</p>

		<p>2. New Functions</p> <p>1) Added the following 60 special functions for car models as of 2017: injector valve test, diesel exhaust fluid level check, EGR valve, A/C seat calibration, electric vehicle battery cooling circuit filling program and display traction battery data</p> <p>2) Added the online programming function for the following systems of Land Rover Discovery 3 (2005-2009), Range Rover (2006), Range Rover (2007-2009), Range Rover Sport (2005-2009): ACM (Audio Front Control Module), PCM (Power Control Module), RCM (Restraint Control Module), TCM (Transmission Control Module), BCM (Body Control Module), TCCM (Transfer Case Control Module), RLM (Ride Level Module), HVAC (Heating, Ventilation and Air Conditioning).</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs Fixed the known function bugs.</p> <p>5. Optimized Service Functions None</p>
FERRARI	V11.05	<p>1. Summary Optimized service functions such as steering angle reset and brake pad replacement.</p> <p>2. New Functions None</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs None</p> <p>5. Optimized Service Functions</p> <p>1)Optimized the steering angle reset function.</p> <p>2)Optimized the brake pad replacement function.</p> <p>3)Optimized the ABS bleeding function.</p> <p>4)Optimized the tire pressure reset function.</p>
USAFORD	V49.00	<p>1. Summary</p> <p>1) Added Functions Related To The Injector And Steering Angle Reset For 2014-2021 Models Such As Transit, Escape (Asia)/Kuga, Corsair, Ecosport, F-Series Super Duty, And F-150.</p> <p>2) Optimized Special Functions Related To The ABS (Anti-Lock Brake System) System, Brake Pad, ADAS (Advanced Driver Assistance System), And Tires For 2014-2021 Models Such As Transit/Courier, Focus, Edge, Mondeo, Focus C-MAX, Edge\GALAXY\S-Max</p> <p>2. New Functions</p> <p>1) Added The Following Steering Angle Reset Related Functions For 2014-2021 Models Such As Transit, Escape (Asia)/Kuga, Corsair, EcoSport, Ford KA Minicar/Figo, Focus, Transit/Courier, Puma, Fiesta: Steering Angle Sensor Calibration, Reset the PSCM (Power Steering Control Module) Learned Values, Reset The PSCM (Power Steering Control Module), Reset The EPAS (Electronic Power Assist Steering) Pull-Drift Compensation.</p> <p>2) Added The Following Injector Functions For 2014-2021 Models Such As F-Series Super Duty, F-150, Ranger/Courier/Mazda B Series/Bravo, Ecosport, Everest, Ford KA minicar/Figo, Transit, Transit/Courier, Puma, Transit Connect, Fiesta, Escape (Asia)/Kuga,</p>

		<p>Edge\GALAXY\S-Max, Focus: Fuel Injector Correction Factors, Reset The Fuel Injector Learned Values, Reset the Fuel Injection Pump Learned Values, Reset Cylinder No. 1 Fuel Injector Learned Values, Reset Cylinder No. 2 Fuel Injector Learned Values, Reset Cylinder No. 3 Fuel Injector Learned Values, Reset Cylinder No. 4 Fuel Injector Learned Values, Reset Cylinder No. 5 Fuel Injector Learned Values, Fuel Injector 1 Learn, Fuel Injector 2 Learn, Fuel Injector 3 Learn, Fuel Injector 4 Learn.</p> <p>3) Optimized The Following ADAS (Advanced Driver Assistance System) Functions For 2014-2021 Models Such As Transit/Courier, Focus, Edge, Mondeo, Focus C-MAX, Edge\GALAXY\S-Max: Cruise Control Radar Alignment, CCM (Cruise Control Module) Calibration, IPMA (Image Processing Module A) Alignment, Parking Aid Camera Configuration, 360 Degree View Camera Alignment, LIN (Local Interconnect Network) New Module Initialization, Rear Parking Aid Camera Alignment.</p> <p>4) Optimized The Following Special Functions For 2015MY Edge\GALAXY\S-Max: Brake System Pressure Bleeding, HCU (Hydraulic Control Unit) Coil Solenoid Calibration, ABS (Anti-Lock Brake System) Calibration, Apply The EPB (Electronic Parking Brake), EPB (Electronic Parking Brake) Service Mode Activation and Deactivation, Release The EPB (Electronic Parking Brake), EPB (Electronic Parking Brake) Initialization, ABS (Anti-Lock Brake System) Module Bleed Configuration.</p> <p>5) Optimized The TPMS (Tire Pressure Monitoring System) Initialization Function For 2021My Bronco.</p> <p>6) Optimized The Following Special Function For 2015MY Mondeo: Reset The Battery Monitoring Sensor Learned Values.</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs None</p>
SUZUKI	V38.30	<p>1. Summary Added the DTC, data streams, actuation test, and special functions for 113 system IDs. Added support for Telematics System functions.</p> <p>2. New Functions 1)Added the DTC, data streams, actuation test, and special functions for 113 system IDs. 2)Added support for Telematics System functions.</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs None</p> <p>5. Optimized Service Functions None</p>
MITSU BISHI	V34.30	<p>1. Summary Added basic functions and special functions for 27 2021-2022 new cars. Optimized the ADAS calibration function.</p> <p>2. New Functions Added basic functions and special functions for 27 2021-2022 new cars.</p> <p>3. Optimized Functions</p>

		<p>Optimized the ADAS calibration function.</p> <p>4. Fixed Bugs None</p>
IMM_ VOLVO	V10.01	<p>1. Summary Added anti-theft matching functions for 25 VOLVO models.</p> <p>2. New Functions 1) Added smart key anti-theft matching functions of S60、 S60 Cross Country、 S60 Hybrid、 S60L、 S80、 S80L、 S90、 S90 Hybrid、 V40、 V40 Cross Country、 V60、 V60 Cross Country、 V70、 V90、 XC40、 XC40 BEV、 XC60、 XC60 Hybrid、 XC70、 XC90、 XC90 Hybrid. 2) Added half-smart key anti-theft matching functions of S60、S60 Cross Country、S60L、S80、 S80L、 V40、 V40 Cross Country、 V60、 V60 Cross Country、 V70、 XC60、 XC70. 3) Added konb key anti-theft matching functions of C30、 C70、 S40、 V50.</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs None</p>
EV_XP	V10.10	<p>1. Summary Added the text libraries in English. Optimized the diagnostic feedback function.</p> <p>2. New Functions None</p> <p>3. Optimized Functions Optimized the diagnostic feedback function.</p> <p>4. Fixed Bugs None</p>
IMMO_ RENAULT	V10.10	<p>1. Summary Added the functions such as immobilizer key learning and immobilizer replacement for 22 models. Optimized the PIN code reading function for 7 models.</p> <p>2. New Functions: 1) Added the immobilizer key learning function for ALASKAN. 2) Added the immobilizer key learning and immobilizer replacement functions for CAPTUR and CLIO IV. 3) Added the immobilizer key learning function for 7 models such as DOKKER and LOGAN II. 4) Added the immobilizer key learning and immobilizer replacement functions for 6 models such as TRIFIC III and TWINGO III. 5) Added the immobilizer key learning and immobilizer replacement functions for 6 models such as KADJAR and KOLEOS II.</p> <p>3. Optimized Functions Optimized the PIN code reading function for 7 models such as KOLEOS and MEGANE III.</p> <p>4. Fixed Bugs None</p>
FIAT	V36.90	<p>1. Summary Added basic functions and actuation test for 500L 2018-2020, Toro 2019-2022, Giulia 2017-2021, Giulietta/Stelvio 2019-2021, Strada 2021, etc; Added special functions such as Clutch Pedal Learning, Impone AF Alcool, and Reset Adaptive Parameter for 2021</p>

		<p>Strada;Added special functions such as ECU Replacement, Hydraulic Circuit Depressurization, and EV Clutch for 2018 Argo;Added special functions such as Replacement of the Control Unit, Reset of the First Filling, and Test for the Leakages Control for 2008 Fiorino Qubo.</p> <p>2. New Functions</p> <p>1)Added basic functions for 500L 2018-2020, Argo 2018, Toro 2019-2022, Giulia 2017-2021, Giulietta/Stelvio 2011,2019-2021, Strada 2021, etc</p> <p>2)Added actuation test for 500L 2018-2020, Argo 2018, Toro 2019-2022, Giulia 2017-2021, Giulietta/Stelvio 2011,2019-2021, Strada 2021, etc</p> <p>3)Added special functions such as Clutch Pedal Learning, Impone AF Alcool, and Reset Adaptive Parameter for 2021 Strada</p> <p>4) Added special functions such as ECU Replacement, Hydraulic Circuit Depressurization, and EV Clutch for 2018 Argo</p> <p>5)Added special functions such as Replacement of the Control Unit, Reset of the First Filling, and Test for the Leakages Control for 2008 Fiorino Qubo</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs None</p>
<p>RESET HVOLBAT</p>	<p>V10.05</p>	<p>1. Summary Optimized high voltage battery function for BMW\MINI\HCBMW\ROLLSROYCE and FORD\CHANGANFORD、 LANDROVER\JAGUAR 、 TOYOTA\LEXUS、 VOLVO and VW.</p> <p>2. New Functions None</p> <p>3. Optimized Functions Optimized high voltage battery function for BMW\MINI\HCBMW\ROLLSROYCE and FORD\CHANGANFORD、 LANDROVER\JAGUAR 、 TOYOTA\LEXUS、 VOLVO and VW.</p> <p>4. Fixed Bugs None</p>
<p>RESET ADBLUE</p>	<p>V10.15</p>	<p>1. Summary Optimized urea reset function for BMW\MINI\HCBMW\ROLLSROYCE、 FORD\CHANGANFORD、 LANDROVER\JAGUAR、 MAZDA\YQMAZDA and VOLVO.</p> <p>2. New Functions None</p> <p>3. Optimized Functions Optimized urea reset function for BMW\MINI\HCBMW\ROLLSROYCE、 FORD\CHANGANFORD、 LANDROVER\JAGUAR、</p>

		<p>MAZDA\YQMAZDA and VOLVO.</p> <p>4. Fixed Bugs None</p>
RESET ICCS	V10.05	<p>1. Summary Optimized smart cruise control function for BMW\MINI\HCBMW\ROLLSROYCE、 FORD\CHANGANFORD、 KIA、 LANDROVER\JAGUAR、 OPEL\VAUXHALL and TOYOTA\LEXUS.</p> <p>2. New Functions None</p> <p>3. Optimized Functions Optimized smart cruise control function for BMW\MINI\HCBMW\ROLLSROYCE、 FORD\CHANGANFORD、 KIA、 LANDROVER\JAGUAR、 OPEL\VAUXHALL and TOYOTA\LEXUS.</p> <p>4. Fixed Bugs None</p>
RESET ENGPBM	V10.05	<p>1. Summary Optimized engine power balance function for CHRYSLER、 FORD\CHANGANFORD、 GM、 HYUNDAI、 KIA、 MAZDA\YQMAZDA and SGM.</p> <p>2. New Functions None</p> <p>3. Optimized Functions Optimized engine power balance function for CHRYSLER、 FORD\CHANGANFORD、 GM、 HYUNDAI、 KIA、 MAZDA\YQMAZDA and SGM.</p> <p>4. Fixed Bugs None</p>
RESET GPF	V10.05	<p>1. Summary Optimized GPF regeneration function for BMW\MINI\HCBMW\ROLLSROYCE、 FORD\CHANGANFORD、 HYUNDAI、 KIA、 LANDROVER\JAGUAR、 MAZDA\YQMAZDA、 SUBARU、 TOYOTA\LEXUS、 VOLVO and VW .</p> <p>2. New Functions None</p> <p>3. Optimized Functions Optimized GPF regeneration function for BMW\MINI\HCBMW\ROLLSROYCE、 FORD\CHANGANFORD、 HYUNDAI、 KIA、 LANDROVER\JAGUAR、 MAZDA\YQMAZDA、 SUBARU、 TOYOTA\LEXUS、 VOLVO and VW .</p>

		<p>4. Fixed Bugs None</p>
OPEL	V42.70	<p>1. Summary Added front view camera calibration function for year 2019-2020 Combo-E, year 2017-2020 Crossland, year 2018-2020 Grandland-X model.</p> <p>2. New Functions None</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs None</p>
KIA	V45.50	<p>1. Summary Added diagnostic functions for 2021 - 2022 models. Added special functions related to ADAS system in 2021 - 2022. Optimized software structure.</p> <p>2. New Functions 1)Added diagnostic functions for 38 models of MOHAVE/BORREGO(HM)、Niro(DE HEV)、Ceed(CD)、Ceed PHEV(CD PHEV)、CERATO/FORTE(BD)、CARNIVAL(KA4)、EV6(CV)、K5(DL3)、K8(GL3)、SELTOS(SP2)、SONET(QY)、SORENTO(MQ4)、SORENTO HEV(MQ4 HEV)、SORENTO PHEV(MQ4 PHEV)、SOUL(SK3)、SOUL EV(SK3 EV)、SPORTAGE(QLE)、Stinger(CK)、STONIC(YB CUV)、Telluride(ON)、XCeed(CD CUV), etc. in the general area from 2021 - 2022. 2)Added diagnostic functions for 16 models of CARNIVAL(KA4)、K5(DL3A)、NIRO(DE EV)、NIRO(DE HEV)、SELTOS(SP2)、SORENTO(MQ4A)、SORENTO HEV(MQ4 HEV)、SOUL(SK3)、SPORTAGE(QL)、STINGER(CK)、TELLURIDE(ON), etc. in the USA area from 2021 - 2022. 3)Added special functions related to ADAS system in 2021 - 2022</p> <p>3. Optimized Functions Optimized software structure</p> <p>4. Fixed Bugs None</p>
BAIC	V11.60	<p>1. Summary Added basic functions and all special functions for 4 models of Beijing Auto, and for 1 models of BAIC BJEV, and fixed some software bugs.</p> <p>2. New Functions 1)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 32 systems of BAIC BJEV EU7 (basic). 2)Added basic functions (including Version Information, Read DTCs, Read Freeze Frames, Clear DTCs, Read Data Streams, Actuation Test) and all special functions (including steering angle learning and service reset) for 114 systems of BAIC BEIJING X7 PHEV, BJ30, BJ40 Daofeng Yingxiong (Diesel China VI), BJ40 Zhijing 2020 version. 3)Support the anti-theft function of BJ20 (2018 MY), BJ40 PLUS (Gasoline National VI), BJ40L (Diesel), BEIJING U7, New Senova D50, etc.</p> <p>3. Optimized Functions None.</p> <p>4. Fixed Bugs</p>

		Fixed bug for EU5 (R500) and EV160.
CITROEN	V41.80	<ol style="list-style-type: none"> Summary Added support for C5X(E43C). Added menus for common special functions including throttle learning, EGR learning, DPF regeneration, and injector coding. Added the online configuration function for some ECUs. New Functions None Optimized Functions None Fixed Bugs None

Heavy-Duty Truck Software Upgrade

Software	Version	Update Info
MAN	V16.10	<ol style="list-style-type: none"> 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_KENWORTH	V10.80	<ol style="list-style-type: none"> Summary Add 58 Basic Functions Of PACCAR_CECU System. New Function Add 58 Basic Functions Of PACCAR_CECU System. Optimized Function None. Fixed Bugs None.
HD_VOLVO_PENTA	V10.10	<ol style="list-style-type: none"> Summary Added special functions for PENTA.. New Functions 1).Add 14 function for Actuation Test: Steering mode; ACP History, test; Docking force; Engine History, test. Etc.. 2).Add 3 function for Special Function: OEM Calibration; Resolver replacement; Drive replacement Optimized Functions None. Fixed Bugs None.
DELPHI	V12.45	<ol style="list-style-type: none"> Summary Added DPF、 Cylinder Cutoff Test、 Injector matching Function lifting New Functions None Optimized Functions Optimize software structure

		<p>4. Fixed Bugs None</p>
HD_ISUZU	V16.05	<p>1. Summary Fixed the communication bug. Rectified the failure to perform some actuation test and special functions. Optimized the software structure.</p> <p>2. New Functions None</p> <p>3. Optimized Functions Optimized the software structure.</p> <p>4. Fixed Bugs Fixed the communication bug. Rectified the failure to perform some actuation test and special functions.</p>
HD_BENZ	V17.70	<p>1. Summary Added special functions for multiple systems.</p> <p>2. New Functions 1) Added the parameter setting, programming process, and detection function for the GS shift control device (EPS electronic pneumatic shift), GS shift control device (GS1), GM basic module (GMO), etc. 2) Added the learning process and parameter setting function for the ACM (Exhaust Aftertreatment), EBS (Electronic Brake System), APS (Electric Hydraulic Power Steering), SRRR (Short Range Radar Main Control Unit), SRRL (Short Range Radar Main Control Unit), MPC (Multifunction Camera), etc.</p> <p>3. Optimized Functions Optimized software structure</p> <p>4. Fixed Bugs None</p>
HD_DETROIT	V12.20	<p>1. Summary Added diagnostic support for the model of 2022.</p> <p>2. New functions Added diagnostic support for the model of 2022.</p> <p>3. Optimized functions None.</p> <p>4. Fixed Bugs None.</p>
HD_PETERBILT	V10.80	<p>1. Summary Add 74 Basic Functions Of PACCAR_CECU System.</p> <p>2. New Function Add 74 Basic Functions Of PACCAR_CECU System.</p> <p>3. Optimized Function None.</p> <p>4. Fixed Bugs None.</p>