

Diagnostic Software Update of Nov.

Diagnostic software coverage details are available in the following link:

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

Passenger Car Software Upgrade

Software	Version	Update Info
IMM_ PROTON	V10.01	<ol style="list-style-type: none">1. Summary Support the anti-theft function of EXORA、GEN2、INSPIRA、IRIZ、PERSONA NFE、PREVE、SAGA NFE、SUPRIMA S and other models.2. New Functions None3. Optimized Functions None4. Fixed Bugs None
RESET PROG	V10.06	<ol style="list-style-type: none">1. Summary Added the Siemens engine clone and Flash&Eeprom data decryption functions for the immobilizer independent software/car model diagnostic software of SIMOS8.5 and SIMOS8.6 VW series. Added the EEPROM data reading (after unpacking) function for the fourth-generation comfort computer of immobilizer independent software/VW model diagnostic software. Added the ECU read/write function for the SIMOS SDI6, SIMOS SDI7, and SIMOS SDI8 Siemens engines. Added ECU reading and writing functions for 5 models of Transmission.2. New Functions<ol style="list-style-type: none">1) Added the Siemens engine clone and Flash&Eeprom data decryption functions for the immobilizer independent software/car model diagnostic software of SIMOS8.5 and SIMOS8.6 VW series.2) Added the EEPROM data reading (after unpacking) function for the fourth-generation comfort computer of immobilizer independent software/VW model diagnostic software.3) Added the ECU read/write function for the SIMOS SDI6, SIMOS SDI7, and SIMOS SDI8 Siemens engines.4) Added ECU reading and writing functions for 5 models of Transmission including MPS6_GEN3, BMWDKG, DKG_G2, DQ200G2 and MPS6 series.3. Optimized Functions<ol style="list-style-type: none">1) Optimized the gearbox ECU read/write function.

		<p>2) Optimized the Bosch engine clone function.</p> <p>3) Optimized the fourth-generation UDS engine replacement function.</p> <p>4. Fixed Bugs None</p>
FIAT	V36.60	<p>1. Summary Rectified the engine communication failure for 500x as of 2019; Added 2022MY models.</p> <p>2. New Functions None</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs None</p>
SUBARU	V24.80	<p>1. Summary Added support for 2022MY Legacy / Liberty / Outback.</p> <p>2. New Functions 1) Added support for 2022MY Legacy / Liberty / Outback. 2) Added the following special functions: Brake Vacuum Pump System Check, Reading of LNT Poisoning Estimated Value, Reading of GPF Learning Value, Simple Calibration of Front Camera, Visual Confirmation</p> <p>3. Optimized Functions Optimized the software structure.</p> <p>4. Fixed Bugs 1) Rectified the ADAS function execution failure for car models as of 2020. 2) Fixed the bug that the quick test result is incorrectly displayed. 3) Fixed the Injector Code New Registration (TOOL to ECM). 4) Fixed the DPF regeneration function. 5) Fixed the Immobilizer function.</p>
NISSAN	V44.80	<p>1. Summary Added basic functions for Venucia, Venucia (532), Venucia D60EV, Venucia T60EV, Venucia E30(BBG), Venucia T70(1.4T), and Venucia T90(1.4T). Added about 400 actuation test functions and special functions for 2021 X-TRAIL, SYLPHY, etc. Optimized data for GTR. Fixed some test bugs.</p> <p>2. New Functions 1) Added basic functions for Venucia, Venucia (532), Venucia D60EV, Venucia T60EV, Venucia E30(BBG), Venucia T70(1.4T), and Venucia T90(1.4T). 2) Added about 400 actuation test functions and special functions (such as millimeter wave radar adjustment, throttle closed position learning, and cooling fan function) for 2021 X-TRAIL, SYLPHY, etc.</p> <p>3. Optimized Functions 1) Optimized the ADAS function. 2) Optimized data for GTR.</p> <p>4. Fixed Bugs 1) Rectified the failure to read DTCs during the airbag system quick test for 2015 Nissan QUEST.</p>

		2) Rectified the failure to test special functions for the ABS (Anti-lock Brake System) of 2013 INFINITI G37.
LAND ROVER	V33.96	<ol style="list-style-type: none"> 1. Summary Supported the diagnosis of Jaguar and Land Rover models to 2021. Added the functions DTCs and Freeze Frames for all 2017-2021 Jaguar and Land Rover models. Added common special functions for all 2017-2021 Jaguar and Land Rover models. Updated the DTC help information for 2005-2016 Jaguar and Land Rover models. Fixed known bugs. 2. New Functions <ol style="list-style-type: none"> 1) Added the basic functions Version Information, DTCs, Data Streams, and special functions for all systems of the 11 car models of 2021 Jaguar and Land Rover new EVA2.0 and WAYMO platforms. 2) Added the functions DTCs and Freeze Frames for all 2017-2021 Jaguar and Land Rover models. 3) Added the following special functions for all 2017-2021 Jaguar and Land Rover models: reset SCR quantity adaptation factor, reset SCR quality monitor, reset SCR enable/disable, SCR monitor application, headlamp control module system calibration, headlamp level adjustment height sensor calibration, activate test picture, factory reset, reset ECU to factory default settings, memorize transmission control module adaptation value, clear transmission control module adaptation value, diesel particulate filter dynamic regeneration, steering angle sensor calibration 3. Optimized Functions <ol style="list-style-type: none"> 1) Updated the DTC help information for 2005-2016 Jaguar and Land Rover models. 2) Optimized the VIN identification function. 3) Optimized the DoIP communication mode for Land Rover and Jaguar. 4) Optimized the online server access function. 4. Fixed Bugs <ol style="list-style-type: none"> 1) Fixed the bug that overseas networks fail to intelligently diagnose some Jaguar models. 2) Rectified the scanning failure under the TOP graph for some car models up to 2016. 3) Fixed other known bugs.
VW	V28.75	<ol style="list-style-type: none"> 1. Summary Added the online function activation function and the programming backup/restoration function. Optimized the online functions such as online coding and online parameterization configuration. Optimized system access and the immobilizer function for some car model systems. 2. New Functions <ol style="list-style-type: none"> 1) Added the online function activation function. 2) Added the programming backup/restoration function. 3. Optimized Functions <ol style="list-style-type: none"> 1) Optimized the online functions such as online coding and online parameterization configuration. 2) Optimized system access for some car model systems. 3) Optimized the immobilizer function. 4. Fixed Bugs None

SAIC MG	V13.00	<ol style="list-style-type: none"> 1. .Summary Added special functions for MG EHS, MG ZS 19, eMG6 MY19, etc. 2. New Functions Added special functions for MG EHS, MG ZS 19, eMG6 MY19, etc. 3. Optimized Functions None 4. Fixed Bugs None
FUTIAN	V13.75	<ol style="list-style-type: none"> 1. Summary Added basic functions and special functions for 43 Engine systems of XIANGLING、 YULING. 2. New Functions 1) Added basic functions and special functions for 22 Engine systems of XIANGLING. 2) Added basic functions and special functions for 21 Engine systems of YULING. 3. Optimized Functions None 4. Fixed Bugs None
FIAT	V36.60	<ol style="list-style-type: none"> 1. Summary Added basic functions and actuation test for car models such as Aegea/Tipo 2015, 500 2016-2017, Cronos 2018-2021;Added the following special function for 500 2016: PROXI Configuration Alignment;Added the following special functions for Talento 2016: Door Lock Event History, TPMS Sensor ID Learning, VIN Writing, Anti-skid Regulation Simulation;Added environmental data, freeze frames, and actuation test for existing online modes. 2. New Functions 1)Added basic functions for car models such as Aegea/Tipo 2015, 500 2016-2017, 500L 2014/2018, Giulietta/Stelvio 2018, Cinquecento 2007, Talento 2016,500X 2019, Giulia 2017/2019, Toro 2021, Argo 2018-2020, Panda 2012, Cronos 2018-2021, Freemont 2012 2)Added actuation test for car models such as Aegea/Tipo 2015, 500 2016-2017, 500L 2014/2018, Giulietta/Stelvio 2018, Cinquecento 2007, Talento 2016,500X 2019, Giulia 2017/2019, Toro 2021, Argo 2018-2020, Panda 2012, Cronos 2018-2021, Freemont 2012 3)Added the following special function for 500 2016: PROXI Configuration Alignment 4)Added the following special functions for Talento 2016: Door Lock Event History, TPMS Sensor ID Learning, VIN Writing, Anti-skid Regulation Simulation 5)Added environmental data, freeze frames, and actuation test for existing online modes 3. Optimized Functions None 4. Fixed Bugs None
IMM_ CITROEN	V10.02	<ol style="list-style-type: none"> 1. Summary Added the function of Added Anti-theft Password Reading. Optimized the function of All Lost Anti-theft Password Reading. 2. New Functions Added the function of Added Anti-theft Password Reading. 3. Optimized Functions

		<p>Optimized the function of All Lost Anti-theft Password Reading for the JC_BSI2004_H0X type.</p> <p>4. Fixed Bugs None</p>
IMM_ PEUGEOT	V10.02	<p>1. Summary Added the function of Added Anti-theft Password Reading. Optimized the function of All Lost Anti-theft Password Reading.</p> <p>2. New Functions Added the function of Added Anti-theft Password Reading.</p> <p>3. Optimized Functions Optimized the function of All Lost Anti-theft Password Reading for the JC_BSI2004_H0X type.</p> <p>4. Fixed Bugs None</p>
BMW	V50.81	<p>1. Summary Added some special functions for G series, F series, and I series chassis. Added the guided functions for some DTCs under F series, G series, R series, and I series chassis. Updated special functions for E series, F series, G series, and I series chassis.</p> <p>2. New Functions 1) Added some special functions for chassis such as M12, G30, G08, F56, and I01. 2) Added the guided functions for some DTCs under the chassis such as F01, F02, F04, F10, F11, F12, F15, F18, F20, F25, F33, F85, G01, G05, G07, G11, G12, G20, G30, G38, F56, F57, I01, I12, I15, R56, and R57.</p> <p>3. Optimized Functions 1) Updated special functions for chassis such as F01, F10, F40, F57, F56, I12, G05, G12, G11, G15, G28, G29, G30, E70, and R56. 2) Optimized the special function path by switching from the system to "Automatic Search -> Special Function".</p> <p>4. Fixed Bugs Fixed the model year bug about service record writing.</p>
HONDA	V48.10	<p>1. Summary Added the diagnosis of the electric drive system (IMA) for 2020-2021 new energy car models. Optimized the operation instructions of the ADAS calibration function. Optimized the immobilizer matching function.</p> <p>2. New Functions Added the diagnosis of the electric drive system (IMA) for 2020-2021 new energy car models.</p> <p>3. Optimized Functions 1) Optimized the operation instructions of the ADAS calibration function. 2) Optimized the immobilizer matching function.</p> <p>4. Fixed Bugs None</p>

INDIAN MAHINDRA	V13.60	<ol style="list-style-type: none"> 1. Summary The basic functions and special functions (SCR,DEF, EVGT...) of some BS6 models are supported (Scorpio, Thar, Boleropickup, Jetto, Supro...), The new systems (MBFM, TCU, TTM, DIS...)of some models are supported.The fault code library is optimized for some undefined DTC.Some special functions (injector, speed limit...) are fixed. 2. New Functions 1)The basic functions and special functions (SCR,DEF, EVGT...) of some BS6 models are supported (Scorpio, Thar, Boleropickup, Jetto, Supro...), 2)The new systems (MBFM, TCU, TTM, DIS...)of some models are supported. 3. Optimized Functions The fault code library is optimized for some undefined DTC . 4. Fixed Bugs Some special functions (injector, speed limit...) are fixed.
IMM_ PERODUA	V10.01	<ol style="list-style-type: none"> 1. Summary Support the anti-theft function of Alza, Axiz, Bezza, Myvi, Nautica, Viva and other models. 2. New Functions None 3. Optimized Functions None 4. Fixed Bugs None
BENZ	V49.64	<ol style="list-style-type: none"> 1. Summary Optimized the software. Optimized the variable coding function. 2. New Functions None 3. Optimized Functions 1) Optimized the software. 2) Optimized the variable coding function. 4. Fixed Bugs 1)Modified the following special function for the ABR system of chassis 221: Calibration of control unit N47-5 (ESP control unit) 2)Modified the following actuation test function for the SAM_DR system of chassis 221: Steering column adjustment
RESET PROG	V10.07	<ol style="list-style-type: none"> 1. Summary Added the Flash&Eeprom data decryption function for one gearbox VL381 of VW series immobilizer independent software/car model diagnostic software. Added the MCU reading/writing function for one RENESAS MCU of BCM2(D70F3381). Optimized the clone function for the VL381 gearbox. Optimized the ECU reading/writing function for the Simos8.6 engine. 2. New Functions 1) Added the Flash&Eeprom data decryption function for one gearbox VL381 of VW series immobilizer independent software/car model diagnostic software. 2) Added the MCU reading/writing function for one RENESAS MCU of BCM2(D70F3381). 3. Optimized Functions

		<p>1) Optimized the clone function for the VL381 gearbox.</p> <p>2) Optimized the ECU reading/writing function for the Simos8.6 engine.</p> <p>4. Fixed Bugs None</p>
MAZDA	V42.70	<p>1. Summary Optimized The Data Stream Reading And Actuation Test For 2020-2021MAZDA3,CX-30. Added Related Functions For 2021 CX-5ADAS.</p> <p>2. New Functions Added The Functions Including Front Camera Calibration, Radar Calibration, And Blind Spot Calibration For 2021 CX-5. Added Special Functions Including Transmission Coupling Feature Value Writing, Forced Ignition On, And Front Wiper Position Calibration For CX-30 And MAZDA3.</p> <p>3. Optimized Functions Optimized The Data Stream Reading And Actuation Test For 2020-2021MAZDA3,CX-30. Optimized The Special Functions Including View The Monitoring Camera Calibration Mark Area Display, Headlamp Reset, And Mass Air Flow Correction For CAROL/FLAIR WAGON/SCRUM/FLAIR, MAZDA6, PROTEGE, Etc.</p> <p>4. Fixed Bugs None</p>
GM	V48.65	<p>1. Summary Added basic functions, actuation test, and special functions for car models such as 2019-2021 CHEVROLET 3500, 4500, 5500, 6500, 7500, Silverado 4500, Silverado 5500, Silverado 6500 and 2019-2021 INTERNATIONAL CV515. Updated basic functions, actuation test, and special functions for 2016-2019 CHEVROLET 3500, 4500, 5500, 6500 and 2021 CHEVROLET Bolt, Corvette. Fixed the CANFD-protocol communication bug for some products; Fixed special functions such as Tire Type/Pressure Selection for 2014 Chevrolet Caprice; Fixed special functions such as Frontview Camera Learn and All Cameras Alignment Learn for 2016 GMC Sierra; Fixed special functions such as Program Key Fobs, Invalidate All Fobs, and Next Available Slot for 2008 Chevrolet Captiva.</p> <p>2. New Functions 1)Added basic functions, actuation test, and special functions for 2019-2021 CHEVROLET 3500, 4500, 5500, 6500, 7500, Silverado 4500, Silverado 5500, Silverado 6500, etc. 2)Added basic functions, actuation test, and special functions for 2019-2021 INTERNATIONAL CV515.</p> <p>3. Optimized Functions 1)Updated basic functions, actuation test, and special functions for 2016-2019 CHEVROLET 3500, 4500, 5500, 6500, etc. 2)Updated basic functions, actuation test, and special functions for 2021 CHEVROLET Bolt, Corvette, etc.</p> <p>4. Fixed Bugs 1)Fixed the CANFD-protocol communication bug for some products; 2)Fixed special functions such as Tire Type/Pressure Selection for 2014 Chevrolet Caprice; 3)Fixed special functions such as Frontview Camera Learn and All Cameras Alignment Learn for 2016 GMC Sierra;</p>

4)Fixed special functions such as Program Key Fobs, Invalidate All Fobs, and Next Available Slot for 2008 Chevrolet Captiva.

Heavy-Duty Truck Software Upgrade

Software	Version	Update Info
HD_BENDIX_ABS	V10.65	<ol style="list-style-type: none"> Summary Optimized All Functions Of TABS6 System, added Calibration Function Of FLC20 System. New Functions Added Calibration Function Of FLC20 System. Optimized Functions Optimized All Functions Of TABS6 System. Fixed Bugs None.
HD_IVECO	V21.10	<ol style="list-style-type: none"> Summary Added Service Function and Engine Test Function which are supported by multiple vehicle models. New Functions 1)Added Service Function for Marelli BCM (Body Computer Module) and more; 2) Added Engine Test Function for ECM - EDC 7 UC31 system. Optimized Functions None Fixed Bugs None
HD_MAHINDRA	V10.05	<ol style="list-style-type: none"> Summary Added basic functions, actuation test, and special functions for related systems of HD_MAHINDRA. New Functions 1) Added basic functions for ABS E (Antilock Braking System). 2) Added basic functions for DCM 2.5, Electronic Diesel Control. 3) Added basic functions, actuation test, and special functions for DCU 1 (Exhaust Gas Treatment System). 4) Added basic functions for DCU 2 (Exhaust Gas Treatment System). 5) Added basic functions for DL03, CAN, Engine Control Module. 6) Added basic functions for EDC 17 C08/C39, Diesel Control Injection, Common Rail. 7) Added basic functions, actuation test, and special functions for EDC 17 C55, Electronic Diesel Control, Common Rail. 8) Added basic functions and special functions for EDC 17 (Electronic Diesel Control, Common Rail). 9) Added basic functions for EMS A34 CNG (Compressed Natural Gas) engine management system. 10) Added basic functions for EMS, CNG (Compressed Natural Gas) engine management system.

		<p>11) Added basic functions for Immobilizer Mahindra immobilizer system.</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs None</p>
SCANIA	V15.25	<p>1. Summary Added 11 special functions for Scania. Added the DTC help function for Scania CAN system.</p> <p>2. New Functions</p> <p>1) Added the service setting function and 3 check functions (atmospheric pressure, 0 efficiency, odometer reading) for the COO system COO9 control unit.</p> <p>2) Added the 3 check functions (atmospheric pressure, 0 efficiency, odometer reading) for the COO system COO8 control unit.</p> <p>3) Added the clutch and gearbox calibration function for the GMS system OPC5 control unit.</p> <p>4) Added the calibration function for the ICL system ICL3 control unit.</p> <p>5) Added the idle speed adjustment function for the EMS system S7 control unit.</p> <p>6) Added the DTC help function for the Scania CAN system.</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs None</p>
CUMMINS	V15.98	<p>1. Summary Added Actuation Test functions Added Advanced ECM Data functions</p> <p>2. New Functions</p> <p>1) Aftertreatment Engine Out NOx Sensor Test</p> <p>2) Aftertreatment System Out NOx Sensor Test</p> <p>3) Aftertreatment Diesel Exhaust Fluid Doser Accuracy Test</p> <p>4) Aftertreatment Hydrocarbon Doser System Test</p> <p>5) Air Handling Performance Test</p> <p>6) Charge Throttle Actuator Test</p> <p>7) Compressor Bypass Valve Test</p> <p>8) EGR Delta Pressure Auto Zero Test</p> <p>9) Engine Priming Pump Override Test</p> <p>10) Exhaust Throttle Auto Zero Test</p> <p>11) Fuel Injector Control Reset</p> <p>12) Fuel Injector Power Control Reset</p> <p>3. Optimized Functions Optimize the structure of the software</p> <p>4. Fixed Bugs None</p>