

Diag Software Update of May

Diagnostic software coverage details are available in the following link:

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

Passenger Car Software Upgrade

Software	Version	Update Info
PORSCHE	V23.98	<ol style="list-style-type: none">Summary Added special functions and ADAS calibration function for each system of Taycan.New Functions<ol style="list-style-type: none">Added the following functions for Taycan: Calibration function for ACC (Adaptive Cruise Control), Front camera calibration function for auxiliary system, Service bleeding, exchange test, and parking brake debugging functions for the brake electronic control system, Height sensor calibration and air spring replacement functions for ride control system, Battery replacement function for gateway system, Wheel ID setting for TPMS (Tire Pressure Monitoring System), Seat motor calibration function for driver seat regulation device system and passenger seat regulation device system, Calibration function for steering wheel electronic device, Electric window calibration function for front passenger door, front driver door, rear passenger door, rear driver door systemsAdded the front camera calibration function for the auxiliary system of Cayenne-9YA (as of 2018).For Panamera (971), added the calibration function for the distance measurement sensor - left (ACC4 slave device) and distance measurement sensor - right (ACC4, main device) systems, and added the calibration function for the front camera system.Optimized Functions<ol style="list-style-type: none">Optimized the reversing camera calibration function and instrument cluster system fuel tank calibration function for Macan.Optimized the steering angle sensor calibration function for the steering wheel electronic device system of 911 (991).Fixed Bugs<ol style="list-style-type: none">Fixed the bug that actuation test does not respond for the seat memory system, advanced gravity system, and vehicle electrical system of Boxster/Cayman (9x7).Fixed the bug that actuation test does not respond for the parking assist system and parking brake system of Cayenne-92A (2011-2017).

IMM_ LAND ROVER	V10.02	<ol style="list-style-type: none"> 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 Learning 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
TRUMPCHI	V11.60	<ol style="list-style-type: none"> 1. Summary Added basic functions for GA4 2021, M6 PRO, EMPOW, GS4 PLUS, and GS4 2022. Added special functions for GS7 2019, GA6 2019, GS8 2020, GS8S, and GM8 2020. 2. New Functions 1) Added the basic functions (including Read Version Information, Read DTCs, Clear DTCs, Read Freeze Frames, Read Data Streams, and Actuation Test) for 137 systems of GA4 2021, M6 PRO, EMPOW, GS4 PLUS, and GS4 2022. 2) Added 325 special functions including the following for the five car models GS7 2019, GA6 2019, GS8 2020, GS8S, and GM8 2020: ECU replacement, sensor calibration, brake pad replacement, personalized configuration, tire pressure sensor calibration, GPF differential pressure sensor replacement, key matching, anti-theft module matching, ADAS calibration. 3. Optimized Functions None 4. Fixed Bugs None
FIAT	V36.80	<ol style="list-style-type: none"> 1. Summary Fix the problem that the oil change function does not display. 2. New Functions None 3. Optimized Functions None 4. Fixed Bugs None
IMM_ PEUGEOT	V10.10	<ol style="list-style-type: none"> 1. Summary Added the 3 types of All Lost Anti-theft Password Reading. Added the 9 types of BSI clone function. 2. New Functions Added the function of All Lost Anti-theft Password Reading for SIEMENS_BSI_SOX, VALEO_BSI04EV_X0X, VALEO_BSI2004_POX. Added the 9 types of BSI clone function. 3. Optimized Functions None 4. Fixed Bugs

		None
IMM_ CITROEN	V10.10	<ol style="list-style-type: none"> 1. Summary Added the 3 types of All Lost Anti-theft Password Reading. Added the 9 types of BSI clone function. 2. New Functions Added the function of All Lost Anti-theft Password Reading for SIEMENS_BSI_S0X, VALEO_BSI04EV_X0X, VALEO_BSI2004_P0X. Added the 9 types of BSI clone function. 3. Optimized Functions None 4. Fixed Bugs None
RESET OIL	V11.01	<ol style="list-style-type: none"> 1. Summary Optimized the service reset function for BMW、CHRYSLER、FORD、FIAT、LANCIA、ROMEO、ROEWE、GM、MAZDA、TOYOTA、MINI、KIA、OPEL、LEXUS、ROLLS-ROYCE、SUZUKI、VAUXHALL、BJXD、YUEDA、HCBMW、SGM、YQMAZDA. 2. New Functions None 3. Optimized Functions Optimized the service reset function for BMW、CHRYSLER、FORD、FIAT、LANCIA、ROMEO、ROEWE、GM、MAZDA、TOYOTA、MINI、KIA、OPEL、LEXUS、ROLLS-ROYCE、SUZUKI、VAUXHALL、BJXD、YUEDA、HCBMW、SGM、YQMAZDA. 4. Fixed Bugs None
BATTERY RESET	V11.01	<ol style="list-style-type: none"> 1. Summary Optimized the battery matching function for BMW、CHRYSLER、FORD、FIAT、LANCIA、ROMEO、ROEWE、GM、LANDROVER、JAGUAR、HYUNDAI、OPEL、MAZDA、TOYOTA、MINI、KIA、LEXUS、ROLLS-ROYCE、HCBMW、SGM、YQMAZDA. 2. New Functions None 3. Optimized Functions Optimized the battery matching function for BMW、CHRYSLER、FORD、FIAT、LANCIA、ROMEO、ROEWE、GM、LANDROVER、JAGUAR、HYUNDAI、OPEL、MAZDA、TOYOTA、MINI、KIA、LEXUS、ROLLS-ROYCE、HCBMW、SGM、YQMAZDA. 4. Fixed Bugs None
RESET BLEEDING	V11.01	<ol style="list-style-type: none"> 1. Summary Optimized the ABS bleeding function for BMW、CHRYSLER、FORD、FIAT、LANCIA、ROMEO、ROEWE、GM、LANDROVER、JAGUAR、CHANGANFORD、HYUNDAI、MAZDA、TOYOTA、MINI、KIA、OPEL、LEXUS、ROLLS-ROYCE、VAUXHALL、BJXD、YUEDA、HCBMW、SGM、YQMAZDA. 2. New Functions

		<p>None</p> <p>3. Optimized Functions Optimized the ABS bleeding function for BMW、CHRYSLER、FORD、FIAT、LANCIA、ROMEO、ROEWE、GM、LANDROVER、JAGUAR、CHANGANFORD、HYUNDAI、MAZDA、TOYOTA、MINI、KIA、OPEL、LEXUS、ROLLS-ROYCE、VAUXHALL、BJXD、YUEDA、HCBMW、SGM、YQMAZDA.</p> <p>4. Fixed Bugs None</p>
RESET SAS	V11.01	<p>1. Summary Optimized the steering angle reset function for BMW、CHRYSLER、FORD、FIAT、LANCIA、ROMEO、ROEWE、GM、CHANGANFORD、LANDROVER、JAGUAR、HYUNDAI、MAZDA、TOYOTA、MINI、KIA、OPEL、LEXUS、ROLLS-ROYCE、SUZUKI、VAUXHALL、BJXD、YUEDA、HCBMW、SGM、YQMAZDA.</p> <p>2. New Functions None</p> <p>3. Optimized Functions Optimized the steering angle reset function for BMW、CHRYSLER、FORD、FIAT、LANCIA、ROMEO、ROEWE、GM、CHANGANFORD、LANDROVER、JAGUAR、HYUNDAI、MAZDA、TOYOTA、MINI、KIA、OPEL、LEXUS、ROLLS-ROYCE、SUZUKI、VAUXHALL、BJXD、YUEDA、HCBMW、SGM、YQMAZDA.</p> <p>4. Fixed Bugs None</p>
RESET BRAKE	V11.01	<p>1. Summary Optimized the brake pad reset function for BMW、CHRYSLER、FORD、FIAT、LANCIA、ROMEO、ROEWE、GM、MAZDA、TOYOTA、MINI、KIA、OPEL、LEXUS、ROLLS-ROYCE、VAUXHALL、BJXD、YUEDA、HCBMW、SGM、YQMAZDA.</p> <p>2. New Functions None</p> <p>3. Optimized Functions Optimized the brake pad reset function for BMW、CHRYSLER、FORD、FIAT、LANCIA、ROMEO、ROEWE、GM、MAZDA、TOYOTA、MINI、KIA、OPEL、LEXUS、ROLLS-ROYCE、VAUXHALL、BJXD、YUEDA、HCBMW、SGM、YQMAZDA.</p> <p>4. Fixed Bugs None</p>
RESET INJEC	V11.01	<p>1. Summary Optimized the injector matching function for BMW、CHRYSLER、FORD、FIAT、LANCIA、ROMEO、GM、LANDROVER、JAGUAR、MAZDA、TOYOTA、MINI、KIA、LEXUS、ROLLS-ROYCE、SUZUKI、HCBMW、SGM、YQMAZDA.</p> <p>2. New Functions None</p> <p>3. Optimized Functions Optimized the injector matching function for BMW、CHRYSLER、FORD、FIAT、LANCIA、ROMEO、GM、LANDROVER、JAGUAR、MAZDA、TOYOTA、MINI、KIA、LEXUS、ROLLS-ROYCE、SUZUKI、HCBMW、SGM、YQMAZDA.</p>

		<p>4. Fixed Bugs None</p>
RESET DPF	V11.01	<p>1. Summary Optimized the DPF regeneration function for BMW、CHRYSLER、FORD、FIAT、LANCIA、ROEWE、GM、LANDROVER、JAGUAR、OPEL、HYUNDAI、MAZDA、TOYOTA、MINI、KIA、OPEL、LEXUS、ROLLS-ROYCE、SUZUKI、HCBMW、SGM、YQMAZDA .</p> <p>2. New Functions None</p> <p>3. Optimized Functions Optimized the DPF regeneration function for BMW、CHRYSLER、FORD、FIAT、LANCIA、ROEWE、GM、LANDROVER、JAGUAR、OPEL、HYUNDAI、MAZDA、TOYOTA、MINI、KIA、OPEL、LEXUS、ROLLS-ROYCE、SUZUKI、HCBMW、SGM、YQMAZDA .</p> <p>4. Fixed Bugs None</p>
RESET TPMS	V11.01	<p>1. Summary Optimized the tire pressure reset function for BMW、CHRYSLER、FORD、FIAT、LANCIA、ROMEO、GM、LANDROVER、JAGUAR、MAZDA、TOYOTA、LEXUS、MINI、KIA、OPEL、VAUXHALL、ROLLS-ROYCE、SUZUKI、BJXD、YUEDA、HCBMW、SGM、YQMAZDA.</p> <p>2. New Functions None</p> <p>3. Optimized Functions Optimized the tire pressure reset function for BMW、CHRYSLER、FORD、FIAT、LANCIA、ROMEO、GM、LANDROVER、JAGUAR、MAZDA、TOYOTA、LEXUS、MINI、KIA、OPEL、VAUXHALL、ROLLS-ROYCE、SUZUKI、BJXD、YUEDA、HCBMW、SGM、YQMAZDA.</p> <p>4. Fixed Bugs None</p>
RESET ETS	V11.01	<p>1. Summary Optimized the throttle matching function for BMW、CHRYSLER、FORD、FIAT、LANCIA、GM、LANDROVER、JAGUAR、HYUNDAI、CHANGANFORD、MAZDA、TOYOTA、MINI、KIA、LEXUS、ROLLS-ROYCE、BJXD、YUEDA、HCBMW、SGM、YQMAZDA.</p> <p>2. New Functions None</p> <p>3. Optimized Functions Optimized the throttle matching function for BMW、CHRYSLER、FORD、FIAT、LANCIA、GM、LANDROVER、JAGUAR、HYUNDAI、CHANGANFORD、MAZDA、TOYOTA、MINI、KIA、LEXUS、ROLLS-ROYCE、BJXD、YUEDA、HCBMW、SGM、YQMAZDA.</p> <p>4. Fixed Bugs None</p>
IMM_ PORSCHE	V10.03	<p>1. Summary Optimize the functions of some Immobilizer</p> <p>2. New Functions None</p> <p>3. Optimized Functions: Optimized cloning function of Continental engine control unit</p>

		<p>4. Fixed Bugs None</p>
MASERATI	V11.45	<p>1. Summary Added the percentage clutch wear display function for 2004-2006 QUATTROPORTE. Optimized the service functions such as steering angle reset and brake pad replacement.</p> <p>2. New Functions 1)Added the percentage clutch wear display function for 2004-2006 QUATTROPORTE.</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs None</p> <p>5. Optimized Service Functions 1)Optimized the steering angle reset function. 2)Optimized the brake pad replacement function. 3)Optimized the ABS bleeding function. 4)Optimized the tire pressure reset function. 5)Optimized the suspension matching function.</p>
RESET AFS	V10.85	<p>1. Summary Optimized The Headlight Matching Function For BMW\MINI\HCBMW\ROLLSROYCE, CHRYSLER, FORD\CHANGANFORD, GM, LANDROVER\JAGUAR, MAZDA\YQMAZDA, OPEL\VAUXHALL, SGM, TOYOTA\LEXUS, And VW.</p> <p>2. New Functions None</p> <p>3. Optimized Functions Optimized The Headlight Matching Function For BMW\MINI\HCBMW\ROLLSROYCE, CHRYSLER, FORD\CHANGANFORD, GM, LANDROVER\JAGUAR, MAZDA\YQMAZDA, OPEL\VAUXHALL, SGM, TOYOTA\LEXUS, And VW.</p> <p>4. Fixed Bugs None</p>
RESET TYRE	V10.15	<p>1. Summary Optimized The Tire Refitting Function For FORD\CHANGANFORD, GM, SGM, And TOYOTA\LEXUS.</p> <p>2. New Functions None</p> <p>3. Optimized Functions Optimized The Tire Refitting Function For FORD\CHANGANFORD, GM, SGM, And TOYOTA\LEXUS.</p> <p>4. Fixed Bugs None</p>
RESET PROG	V10.40	<p>1. Summary Added the UDS engine replacement function for car models as of 2014 (not require engine of the original car). Added the functions of adding keys and losing all keys for the online</p>

		<p>generation-4 instrument panel (only support some products). Added the functions of adding MQB keys and losing all keys for the online generation-4 instrument panel (only support some products). Added the ECU reading/writing function for SID208 and SID807 Siemens engines. Added the MCU reading/writing function for 18 Freescale series MCUs. Added the MCU reading function for the SPC5748G NXP series MCU. Optimized the reading/writing function for the ME7 engine. Optimized the gearbox FLASH restoration function.</p> <p>2. New Functions</p> <p>1) Added the UDS engine replacement function for car models as of 2014 (not require engine of the original car).</p> <p>2) Added the functions of adding keys and losing all keys for the online generation-4 instrument panel (only support some products).</p> <p>3) Added the functions of adding MQB keys and losing all keys for the online generation-4 instrument panel (only support some products).</p> <p>4) Added the ECU reading/writing function for SID208 and SID807 Siemens engines.</p> <p>5) Added the MCU reading/writing function for the following 18 Freescale series MCUs: MC9S12XDG128_not encrypted, MC9S12XDP512_not encrypted, MC9S12XDQ256_not encrypted, MC9S12XDT256_not encrypted, MC9S12XDT384_not encrypted, MC9S12XDT512_not encrypted, MC9S12XEA128_not encrypted, MC9S12XEG128_not encrypted, MC9S12XEA256_not encrypted, MC9S12XEG256_not encrypted, MC9S12XET256_not encrypted, MC9S12XEG384_not encrypted, MC9S12XEQ384_not encrypted, MC9S12XEQ512_not encrypted, MC9S12XES384_not encrypted, MC9S12XEP100_not encrypted, MC9S12XEP768_not encrypted</p> <p>6) Added the MCU reading function for the SPC5748G NXP series MCU.</p> <p>3. Optimized Functions</p> <p>1) Optimized the reading/writing function for the ME7 engine.</p> <p>2) Optimized the gearbox FLASH restoration function.</p> <p>3) Optimized the function of losing all keys for generation-4 instrument panel NEC24C32.</p> <p>4. Fixed Bugs</p> <p>None</p>
IMM_BENZ	V10.10	<p>1. Summary</p> <p>Added The Password Calculation (By Losing All Keys) Function For Several EIS Types.Optimized The Wiring Diagram Wiring Mode.</p> <p>2. New Functions</p> <p>Added The Password Calculation (By Losing All Keys) Function For The EIS Of The W164(-2008), W169,W209,W211,W221,W203(K),W209(K),W208(K),W210(K) Types.</p> <p>3. Optimized Functions</p> <p>Optimized The Wiring Diagram Wiring Mode.</p>

		<p>4. Fixed Bugs None</p>
IMM_ SPRINTER	V10.04	<p>1. Summary 1) Added The Key Matching, Password Calculation (By Adding Keys), And Replacement Functions For The EIS Types W639(K). 2) Added The Password Calculation (By Losing All Keys) Function For Several EIS Types. 3) Added The Reading And Erasing Functions For Several Engines. 4) Added The Reading And Erasing Functions For The ISM/DSM.</p> <p>2. New Functions 1) Added The Key Matching, Password Calculation (By Adding Keys), And Replacement Functions For The EIS Types W639(K). 2) Added The Password Calculation (By Losing All Keys) Function For The EIS Of The W639,W639(K),W906 Types. 3) Added The Reading And Erasing Functions For The Engines CR4.xx, CR5.xx, CR6.xx, CR60.xx, CRD.11, CRD2.xx, CRD3.xx, ME2.8.1, SIM266. 4) Added The Reading And Erasing Functions For The ISM/DSM.</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs None</p>
IMM_GM	V10.20	<p>1. Summary Added the anti-theft function for 2021MY and 2022MY Chevrolet, Buick, Cadillac, and GMC models. Added the anti-theft function for Hummer and Holden.</p> <p>2. New Functions 1) Added the anti-theft function for 2021MY and 2022MY Chevrolet, Buick, Cadillac, and GMC models. 2) Added the anti-theft function for Hummer. 3) Added the anti-theft function for Holden.</p> <p>3. Optimized Function None</p> <p>4. Fixed Bugs None</p>
RESET SUN	V11.00	<p>1. Summary Optimized the sunroof initialization function for BMW\ MINI\HCBMW\ROLLSROYCE,CHRYSLER,FORD\CHANGANFORD,GM.</p> <p>2. New Functions None</p> <p>3. Optimized Functions Optimized the sunroof initialization function for BMW\ MINI\HCBMW\ROLLSROYCE,CHRYSLER,FORD\CHANGANFORD,GM.</p> <p>4. Fixed Bugs None</p>

<p>RESET WINDOW</p>	<p>V10.15</p>	<ol style="list-style-type: none"> 1. Summary Optimized The Window Matching function For ASTONMARTIN, BMW\MINI\HCBMW\ROLLSROYCE, FORD\CHANGANFORD, GM, LANDROVER\JAGUAR, OPEL\VAUXHALL, And SGM. 2. New Functions None 3. Optimized Functions Optimized The Window Matching function For ASTONMARTIN, BMW\MINI\HCBMW\ROLLSROYCE, FORD\CHANGANFORD, GM, LANDROVER\JAGUAR, OPEL\VAUXHALL, And SGM. 4. Fixed Bugs None
<p>RESET BOX</p>	<p>V11.00</p>	<ol style="list-style-type: none"> 1. Summary Optimized the gearbox matching function for BMW\MINI\HCBMW\ROLLSROYCE, CHRYSLER, FORD\CHANGANFORD, GM, LANDROVER\JAGUAR, MAZDA\YQMAZDA, OPEL\VAUXHALL, SGM, SUBARU, SUZUKI, TOYOTA\LEXUS and VW. 2. New Functions None 3. Optimized Functions Optimized the gearbox matching function for BMW\MINI\HCBMW\ROLLSROYCE, CHRYSLER, FORD\CHANGANFORD, GM, LANDROVER\JAGUAR, MAZDA\YQMAZDA, OPEL\VAUXHALL, SGM, SUBARU, SUZUKI, TOYOTA\LEXUS and VW. 4. Fixed Bugs None
<p>RESET SUS</p>	<p>V11.00</p>	<ol style="list-style-type: none"> 1. Summary Optimized The Suspension Matching Function For BMW\MINI\HCBMW\ROLLSROYCE, CHRYSLER, FORD\CHANGANFORD, GM, LANDROVER\JAGUAR, SGM, TOYOTA\LEXUS, VW, And VOLVO. 2. New Functions None 3. Optimized Functions Optimized The Suspension Matching Function For BMW\MINI\HCBMW\ROLLSROYCE, CHRYSLER, FORD\CHANGANFORD, GM, LANDROVER\JAGUAR, SGM, TOYOTA\LEXUS, VW, And VOLVO. 4. Fixed Bugs None
<p>RESET GEAR</p>	<p>V11.00</p>	<ol style="list-style-type: none"> 1. Summary Optimized The Tooth Learning Function For GM And SGM. 2. New Functions None 3. Optimized Functions Optimized The Tooth Learning Function For GM And SGM. 4. Fixed Bugs None

RESET EGR	V10.85	<ol style="list-style-type: none"> 1. Summary Optimized The Exhaust Gas Recirculation Function For BMW\MINI\HCBMW\ROLLSROYCE, FORD\CHANGANFORD, GM, LANDROVER\JAGUAR, MAZDA\YQMAZDA, OPEL\VAUXHALL, And TOYOTA\LEXUS. 2. New Functions None 3. Optimized Functions Optimized The Exhaust Gas Recirculation Function For BMW\MINI\HCBMW\ROLLSROYCE, FORD\CHANGANFORD, GM, LANDROVER\JAGUAR, MAZDA\YQMAZDA, OPEL\VAUXHALL, And TOYOTA\LEXUS. 4. Fixed Bugs None
RESET SEAT	V10.15	<ol style="list-style-type: none"> 1. Summary Optimized The Seat Matching Function For ASTONMARTIN, BMW\MINI\HCBMW\ROLLSROYCE, FORD\CHANGANFORD, GM, HYUNDAI, KIA, LANDROVER\JAGUAR, MAZDA\YQMAZDA, OPEL\VAUXHALL, SGM, And TOYOTA\LEXUS. 2. New Functions None 3. Optimized Functions Optimized The Seat Matching Function For ASTONMARTIN, BMW\MINI\HCBMW\ROLLSROYCE, FORD\CHANGANFORD, GM, HYUNDAI, KIA, LANDROVER\JAGUAR, MAZDA\YQMAZDA, OPEL\VAUXHALL, SGM, And TOYOTA\LEXUS. 4. Fixed Bugs None
PORSCHE	V23.99	<ol style="list-style-type: none"> 1. Summary Optimized the software structure. Rectified the failure to access Porsche immobilizer menus. 2. New Functions None 3. Optimized Functions Optimized the software structure. 4. Fixed Bugs Rectified the failure to access Porsche immobilizer menus.

Heavy-Duty Truck Software Upgrade

Software	Version	Update Info
HD_VOLVO _CE	V10.20	<ol style="list-style-type: none"> 1. Summary Added Actuation Test and Special Function. 2. New Functions <ol style="list-style-type: none"> 1) Added 14 functions for Actuation Test: Electric Servo Lever Steering, Test; Angle sensor value, Lever steering CDC, check; Secondary Steering, Test; Hydraulic Suspension, Check, etc; 2) Added 17 functions for Special Function: Transmission, Calibration; Lever Steering, Current Values, Adjustment; Lever Steering, Calibration Complete; Hydraulic Suspension, Calibration, etc; 3. Optimized Functions None. 4. Fixed Bugs None.
HD_ CATERPILL AR	V11.70	<ol style="list-style-type: none"> 1. Summary Added Injector Trim Calibration Function. 2. New Functions Added Injector Trim Calibration Function. 3. Optimized Functions None. 4. Fixed Bugs None.