

Diag Software Update of March

Diagnostic software coverage details are available in the following link:

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

Passenger Car Software Upgrade

Software	Version	Update Info
LAND ROVER	V34.00	<ol style="list-style-type: none">Summary Added the safety-stop setting function for all 2010-2016 models. Added special functions such as gearbox learning, clutch calibration, door window calibration, seat calibration, idle speed test, and on-demand self-check mode for all 2021MY models. Fixed the known function bugs.New Functions<ol style="list-style-type: none">Added the safety-stop setting function for all 2010-2016 models.Added the following special functions for all 2021MY models:<ul style="list-style-type: none">Seat calibrationABS configuration clearingCalibrate EPB (Electrical Parking Brake)Tailgate/trunk calibrationDoor glass calibrationRestraints build modeIdle speed testTCM valve block replacementParking assist control module resetParking assist control module reset configuration statusPosture control tailgate calibrationOn-demand self-check modeOn-demand self-check - module calibrationOn-demand self-check mode PSCMBReset diesel exhaust fluid tank level measured valueTest internal standby batteryRemote communication - test internal standby batteryReset all-terrain feedback adaptive system use modeClear ECU event dataReset A/C compressorBattery replacement

		<p>Reset ambient air temperature algorithm</p> <p>Valet parking mode reset</p> <p>Clear all adaptive values</p> <p>Reset/clear specified function – clear all adaptive values</p> <p>Climate seat unlocking</p> <p>Reset/clear WiFi hotspot</p> <p>Reset steering friction level measurement</p> <p>InControl smart YULING touch control substitute driving mode reset</p> <p>Rear door sunshade curtain initialization</p> <p>RL seat massage on-demand self-check</p> <p>Front sunroof sunshade curtain calibration</p> <p>Rear sunroof sunshade curtain calibration</p> <p>Acceleration sensor calibration</p> <p>Pressure sensor calibration</p> <p>EPB enable customer function</p> <p>Brake pedal position sensor calibration</p> <p>Transmission clutch engagement point memory</p> <p>Diesel exhaust fluid tank filling and pressure test</p> <p>Memory claw clutch position sensor calibration</p> <p>IPMA setting application – camera calibration</p> <p>TCM 8-speed third generation static adaptive memory</p> <p>TCM 9-speed static adaptive memory</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs Fixed the known function bugs.</p> <p>5. Maintenance Service Update None</p>
MITSU BISHI	V34.20	<p>1. Summary Added special functions for all systems of EK-X / EK-WAGON (B3#) and EK-X-SPACE / EK-SPACE (B3#). Optimized special functions for the engine system and immobilizer system of some car models.</p> <p>2. New Functions Added special functions for all systems of EK-X / EK-WAGON (B3#) and EK-X-SPACE / EK-SPACE (B3#).</p> <p>3. Optimized Functions Optimized special functions for the engine system and immobilizer system of some car models.</p> <p>4. Fixed Bugs None</p>
VW	V28.76	<p>1. Summary Optimized the software structure and improved the system scanning speed.</p> <p>2. New Functions None</p>

		<p>3. Optimized Functions Optimized the software structure and improved the system scanning speed.</p> <p>4. Fixed Bugs None</p>
FIAT	V36.71	<p>1. Summary Added Basic Functions and Actuation Test for Fullback 2016-2017, Aegea/Tipo 2015, Voyager 2013-2014, Giulia 2017-2020, Giulietta/Stelvio 2011, 2019-2021, 500X 2019; Added Special Functions for Talento 2016, including Automatic function activation, Backflow Pump Replacement, Urea Injector Flowrate; Added Special Functions for Fullback 2016, including Enable/Disable Seatbelt Minder Function, Indicator check.</p> <p>2. New Functions 1) Added Basic Functions for Fullback 2016-2017, Aegea/Tipo 2015, Voyager 2013-2014, Giulia 2017-2020, Giulietta/Stelvio 2011, 2019-2021, 500X 2019; 2) Added Actuation Test for Fullback 2016-2017, Aegea/Tipo 2015, Voyager 2013-2014, Giulia 2017-2020, Giulietta/Stelvio 2011, 2019-2021, 500X 2019; 3) Added Special Functions for Talento 2016, including Automatic function activation, Backflow Pump Replacement, Urea Injector Flowrate 4) Added Special Functions for Fullback 2016, including Enable/Disable Seatbelt Minder Function, Indicator check</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs None</p>
JP ISUZU	V17.20	<p>1. Summary Added the ADAS system scanning function. Added actuation test and special functions for some systems. Classified the systems in the scanning menu system list. Optimized the engine scanning identification code judgment in scanning menus. Optimized CCM system functions.</p> <p>2. New Functions 1) Added the ADAS system scanning function. 2) Added actuation test and special functions for some systems.</p> <p>3. Optimized Functions 1) Classified the systems in the scanning menu system list. 2) Optimized the engine scanning identification code judgment in scanning menus. 3) Optimized the identification code judgment and corresponding functions for the CCM system.</p> <p>4. Fixed Bugs None</p>
SAIC MG	V13.05	<p>1. Summary Optimized special functions for MG HS, eZS, MG ZS, etc.</p> <p>2. New Functions Optimized special functions for MG HS, eZS, MG ZS, etc.</p> <p>3. Optimized Functions None</p>

		4. Fixed Bugs None
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Heavy-Duty Truck Software Upgrade

Software	Version	Update Info
MAN	V16.10	<ol style="list-style-type: none"> 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_BENZ	V17.60	<ol style="list-style-type: none"> 1. Summary Added the truck ADAS driver side/passenger side mirror camera system and the calibration function/camera parameter setting function. 2. New Functions Added the truck ADAS driver side/passenger side mirror camera system and the calibration function/camera parameter setting function. 3. Optimized Functions None 4. Fixed Bugs None
HD_ECTEK	V10.18	<ol style="list-style-type: none"> 1. Summary Added Action Test And Special Function For Tianli Easy Control System And F05 System. 2. New Functions None 3. Optimize functions Added Action Test And Special Function For Tianli Easy Control System And F05 System. 4. Fix Bugs None
MAN	V16.15	<ol style="list-style-type: none"> 1. Summary Added some actuation test functions and special functions for the engine system, management computer, and brake system. Added basic functions and special functions for auxiliary systems. 2. New Functions <ol style="list-style-type: none"> 1) Added some special functions for the MOT-EDC7C32-Bosch system. 2) Added some actuation test functions and special functions for the ZTR-PTM-MAN system. 3) Added some actuation test functions for the BRM-EBS5-Knorr system. 4) Added basic functions and special functions for the MFK system. 5) Added basic functions and special functions for the DC system. 3. Optimized Functions None 4. Fixed Bugs None

JL ISUZU	V13.26	<ol style="list-style-type: none"> 1. Summary <p>Added basic functions and some special functions for Yusheng S356, Teshun L500EV electric drive rear axle, Teshun national standard VI (N526), Yuhu EV_ICA, Kairui II N801 BEV, Kairui Jingang 800HP BEV, 493 national standard VI N822_D28, Shunda Xiaoka Yunnei N620YN, Shunda N600BEV, Territory, Territory S, Territory EV, Territory EV_ICA, and Lingyu. Added the quick access function for some car models. Optimized the DTC function page. Optimized the software structure.</p> 2. New Functions <ol style="list-style-type: none"> 1) Added basic functions for the airbag (SRS_EDR) and gateway (GW) systems of Yusheng S356. 2) Added basic functions for the following systems of Teshun L500EV electric drive rear axle: ABS (Anti-lock Brake System), AC (A/C Controller), BCM (Body Control Module), BMS (Battery Management System), DCDC_OBC (DCDC Voltage Regulator Module_Charging Controller), EHPS (Electric Hydraulic Power Steering System), ICM (Instrument Cluster Module), MCU (Motor Control Unit), NBS (Electric Control Booster with Brake Master Cylinder Assembly), SAS (Steering Angle Sensor), SCU (Shift Control Unit), SRS (Supplemental Restraint System), TBOX (Remote Control Device), VCU (Vehicle Control Unit), TPMS (Tire Pressure Monitoring System) 3) Added basic functions and some special functions for the following systems of Teshun national standard VI (N526): ABS (Anti-lock Brake System), BCM (Body Control Module), EMS (Engine Management System), ICM (Instrument Cluster Module), TBOX (Remote Control Device), ICS (Electronic Clutch), SRS (Supplemental Restraint System), TPMS (Tire Pressure Monitoring System), SRS_EDR (Airbag) 4) Added basic functions for the following systems of Yuhu EV_ICA: ABS (Anti-lock Brake System), ACM (A/C Controller), BCM (Body Control Module), NBS (Electric Control Booster with Brake Master Cylinder Assembly), TBOX (Remote Control Device), VCU (Vehicle Control Unit), MCU (Motor Control Unit), BMS (Battery Management System), DCDC_OBC (DCDC Voltage Regulator Module_Charging Controller), SCU (Shift Control Unit), EPS (Electric Power Steering), ICM (Instrument Cluster Module), TPMS (Tire Pressure Monitoring System), APM (Ripple Anti-pinch Module), PACM (Low Speed Voice), SRS (Supplemental Restraint System) 5) Added basic functions for the following systems of Kairui II N801 BEV: AC (A/C Controller), BMS (Battery Management System), DCDC (High-voltage to Low-voltage Inverter), ICM (Instrument Cluster Module), SCU (Shift Control Unit), VCU (Vehicle Control Unit), TBOX (Remote Control Device), BCM (Body Control Module) 6) Added basic functions for the following systems of Kairui Jingang 800HP BEV: AC (A/C Controller), BCM (Body Control Module), APCM (Air Compressor), DCDC (High-voltage to Low-voltage Inverter), EHPS (Electric Hydraulic Power Steering System), GW (Gateway), ICM (Instrument Cluster Module), MCU (Motor Control Unit), SCU (Shift Control Unit), TCU (Transmission Control Unit), VCU (Vehicle Control Unit), BMS (Battery Management System), PDU (Power Distribution Unit), TBOX (Remote Control Device), ABS (Anti-lock Brake System Air Brake_K line) 7) Added basic functions and some special functions for the following systems of 493 national standard VI N822_D28: ICM (Instrument Cluster Module), TBOX (Remote Control
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		<p>Device), EMS (Engine Management System), ABS (Anti-lock Brake System - Hydraulic Brake), ABS (Anti-lock Brake System - Air Brake_K line), ABS (Anti-lock Brake System - Air Brake_CAN bus), ICS (Electronic Clutch)</p> <p>8) Added basic functions and some special functions for the following systems of Shunda Xiaoka Yunnei N620YN: ICM (Instrument Cluster Module), TBOX (Remote Control Device), EMS (Engine Management System), ABS (Anti-lock Brake System - Hydraulic Brake), ABS (Anti-lock Brake System - Air Brake_K line), ABS (Anti-lock Brake System - Air Brake_CAN bus)</p> <p>9) Added basic functions for the following systems of Shunda N600BEV: TBOX (Remote Control Device), BCM (Body Control Module), ICM (Instrument Cluster Module), PACM (Low Speed Voice), GW (Gateway), VCU (Vehicle Control Unit), SCU (Shift Control Unit), ACM (A/C Controller), BMS (Battery Management System), DCDC (High-voltage to Low-voltage Inverter), PDU (Power Distribution Unit), EHPS (Electric Hydraulic Power Steering System), MCU (Motor Control Unit), ABS (Anti-lock Brake System)</p> <p>10) Added basic functions for the following systems of Territory EV: AC (A/C Controller), AVM (360-degree Around View Monitor), BCM (Body Control Module), BMS (Battery Management System), DCDC (High-voltage to Low-voltage Inverter), EPS (Electric Power Steering), ESP (Electronic Stability Program), GW (Gateway), ICM (Instrument Cluster Module), OBC (On-board Charger), MP5 (Entertainment System), MCU (Motor Control Unit), PAM (Parking Assist System), PEPS(Passive Entry & Passive Start), RTM (Radio Transceiver Module), SRS (Supplemental Restraint System), SWM (Combined Switch Module), DCU (Decelerator Control Module), SCU (Shift Control Unit), IPM (Front View Monocular Camera), VCU (Vehicle Control Unit), APM (Ripple Anti-pinch Module), TBOX (Remote Control Device)</p> <p>11) Added basic functions for the following systems of Territory EV_ICA: AC (A/C Controller), AVM (360-degree Around View Monitor), BCM (Body Control Module), BMS (Battery Management System), DCDC_OBC (DCDC Voltage Regulator Module_Charging Controller), EPS (Electric Power Steering), ESP (Electronic Stability Program), GW (Gateway), ICM (Instrument Cluster Module), BLE (Bluetooth Low Energy Consumption), MP5 (Entertainment System), MCU (Motor Control Unit), PAM (Parking Assist System), PEPS(Passive Entry & Passive Start), RTM (Radio Transceiver Module), SRS (Supplemental Restraint System), SWM (Combined Switch Module), DCU (Decelerator Control Module), SCU (Shift Control Unit), IPM (Front View Monocular Camera), VCU (Vehicle Control Unit), APM (Ripple Anti-pinch Module), TBOX (Remote Control Device)</p> <p>12) Added the quick scanning function for some car models.</p> <p>3. Optimized Functions Optimized the software structure.</p> <p>4. Fixed Bugs None</p>
HD_BENZ	V17.63	<p>1. Summary Added MR system function-- Erasing Of Emissions-relevant Fault Codes; Added GS1 system function—Parameterization, Learning Processes;</p> <p>2. New Functions 1) Added MR system function-- Erasing Of Emissions-relevant Fault Codes;</p>

		<p>2) Added GS1 system function—Parameterization, Learning Processes;</p> <p>3. Optimized Functions Optimized software structure</p> <p>4. Fixed Bugs None</p>
HD_ISUZU	V16.03	<p>1. Summary Added special functions for the camera (VAT) system. Optimized the software structure.</p> <p>2. New Functions Added the following special function for the camera (VAT) system: camera direction learning</p> <p>3. Optimized Functions Optimized the software structure.</p> <p>4. Fixed Bugs None</p>
HD_XUGONG	V10.01	<p>1. Summary 1).Added Engines of ShangChai, WeiChai, Cummins . DaChai, XiChai ,YuChai .Sinotruk and ShangFeiHong 2).Added Post-Processing System And ABS System.</p> <p>2. New Functions 1).Added Engines of ShangChai, WeiChai, Cummins . DaChai, XiChai ,YuChai .Sinotruk and ShangFeiHong 2.)Added Post-Processing System And ABS System.</p> <p>3. Optimization Functions Optimizing software structure</p> <p>4. Fixed Bugs None.</p>
HD_TANGJUN	V10.01	<p>1. Summary Added 5 Engine Systems.</p> <p>2. New Functions 1) Added Engines of ShangChai, QuanChai, ChaoChai, Yunnei and Sida 2) Added Post-Processing System.</p> <p>3. Optimization Functions None.</p> <p>4. Fixed Bugs None.</p>
HD_TATA	V10.15	<p>1. Summary Added basic functions for some systems of HD_TATA. Added the menu for TATA passenger cars.</p> <p>2. New Functions 1) Added basic functions for EMS WP580 CNG (Compressed Natural Gas) engine management system. 2) Added basic functions for the AMT Transmission system. 3) Added basic functions for the EMS Electronic Diesel Control. 4) Added the menu for TATA passenger cars.</p>

		3. Optimized Functions
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None

		4. Fixed Bugs
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None