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**EMPOWER UP WITH  
THE LATEST SOFTWARE  
UPGRADE  
19.4**



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# WHAT'S NEW HIGHLIGHTS

Snap-on spends time with technicians to understand what you are working on - that's why we make sure each new diagnostic software upgrade is significant in coverage and value. Here is an overview of some of the content you can expect with the latest software upgrade.

## 15 MANUFACTURERS UPDATED TO MODEL YEAR 2018:

- ALFA
- BMW®
- DACIA®
- FIAT®
- HONDA®
- HYUNDAI®
- KIA®
- LANCIA®
- LAND ROVER®
- ROVER®
- MINI®
- MITSUBISHI®
- NISSAN®
- RENAULT®
- SMART®
- VAUXHALL®

- Component Test Meter training including How To Classes and vehicle specific case studies
- New Land Rover Velar with 31 systems added
- New Vauxhall Grandland X added with great Advanced Driver Assistance Systems (ADAS) coverage
- Wheel alignment and service interval reset added for the Dacia Duster III
- Hyundai clutch touch point learning function now available
- Mercedes headlamp coding added
- Airbag variant coding system tests added to the Kia Picanto, Rio, Stonic and Niro
- Ford Auto ID added (2010-2018)

## 19.4

### ALFA ROMEO

- Engine added to the Alfa Romeo Mito Turbo (ME 7.9.10 SDU CF5 1.4L)

### BMW

#### Model year update to 2018

- 5 models added with extensive ADAS, infotainment, chassis and power related system coverage. Models include: 8-Series (G14/G15), X3 (G01), X4 (G02), X5 (G05) and X2 (F39)
- Adaptive cruise control system added to 14 models
- Switched brake lines tests added to 24 models

### CITROËN

- Compressed Natural Gas (CNG)/ Liquefied Petroleum Gas (LPG)
- Signaling fuse box system added for the C4 Picasso and DS7
- Motorized boot system added for the C4 Picasso, DS7 and the C5 (X7)

### DACIA

#### Model year update to 2018

- 4 engines added to the Duster III
- 5 systems added to the Duster III from 2018 onwards: Power steering, radio, tyre pressure monitoring, wheel alignment and service interval reset

### FIAT

- Fiat Panda Cross added
- 5 engines added across various Fiat models
- 3 systems added to the Fiat 500X: Amplifier, comfort seat wheel module and electronic shifter
- Electric power steering system added to the Fiat Seicento

### FORD

- Auto ID now added for all existing models between 2010-2018

### FUSO

- 2 systems added to the Canter Euro 5: Hill start assist control unit and multifunction camera

### HONDA

#### Model year update to 2018

- Honda CR-V 4 added with extensive ADAS, chassis and power related system coverage

### HYUNDAI

#### Model year update to 2018

- 4 models added with extensive systems coverage: I30 PDE Fastback, I30 N, Kona EV and Santa Fe TM
- 3 systems added to the Santa Fe DM: Power seat module, power tailgate and smart junction box
- Airbag system added 7 models: I10 IA, I30 PDE, I20GB, I40, Ionic, Kona and Tucson

### JAGUAR

- Driver's seat system added to 7 models
- Passenger's Seat System added to 6 models
- 2 systems added to the F-Type (X152 2013-2015): Rear differential control module and seat modules

### KIA

#### Model year update to 2018

- 2 models added with extensive systems coverage: Kia Stinger and Kia Optima
- Airbag System added to 4 models: Kia Picanto, Kia Rio, Kia Stonic and Kia Niro
- Seat belt reminder system added to 3 models: Kia Picanto, Kia Rio and Kia Stonic from 2017 onwards

### LANCIA

- Engine added to the Lancia Musa

### LAND ROVER

#### Model year update to 2018

- Range Rover Velar (L560) added with extensive systems coverage
- 7 engines added to various models in Land Rover including 2 Hybrid electric engines

### LEXUS

- Blind spot monitor master and slave system added to 21 models
- Panoramic view monitor system added to 7 models
- Pre-Collision system added to 2 models
- Four wheel drive system added to 10 models
- Master switch system added to 36 models
- Theft deterrent system added to 6 models
- Variable gear ratio steering system added to 23 models

### MAZDA

- Audio control module added to 5 Mazda models
- 2 systems added to the Mazda 2 (DJ: 2015-2018): Electronic air temperature

- control and Smart city brake support

- Multi-function display system added to 2 Mazda models
- Retractable hard top system added to the Mazda MX-5
- Electric vacuum pump added for the Mazda MX-5 (ND: 2016-2018)
- Adaptive front lighting added for the Mazda CX-3 (DK: 2015-2018)
- Driver's seat module added for the Mazda CX-5 (KE: 2012-2018)
- Head up display added for the Mazda 3 (BM: 2014-2018)

### MERCEDES

- Headlamp LED coding now added: E class 212 (Static only), E class 213, C class 205, S class 221 and GLC 253
- Electronic parking brake added for the V series 447,8
- Engine added for A class 169 and B class 245
- Rear camera system added to 5 models
- CNG engine added for B class 242

### MINI

#### Model year update to 2018

- Switched brake lines tests added to 12 models

### MITSUBISHI

#### Model year update to 2018

- Eclipse Cross added with extensive systems coverage
- Shogun Sport QE added with extensive systems coverage

### NISSAN

#### Model year update to 2018

- Engines added for the Navara (3.0L DCI V9X: 2010-2015)
- Laser/radar system added for 5 models
- Around view monitor system added for 9 models

### PEUGEOT

- Compressed Natural Gas (CNG)/ Liquefied Petroleum Gas (LPG)
- Motorised boot system added for the Peugeot 3008, 5008 and 508

### RENAULT

#### Model year update to 2018

- 4 engines added across various Renault models
- 7 systems added to the Megane IV RS 280 & Trophy: Park distance control, power steering, radio, four-

- wheel steering, switching protection unit, tyre pressure monitoring and wheel alignment

- 6 systems added to the ZOE (22KWh): Battery charge box, electronic vehicle control, lithium-ion battery control, power electronics box, anti-lock brakes and airbag
- Tests added to ZOE (22KWh) across 10 systems
- Airbag system added to the Kangoo II

### SMART

- Updated to model year 2018
- Electric vehicle variant added (Electric drive: EQ 22kWh 780.997)

### SUBARU

- Eye sight system added for 4 models
- Exhaust gas recirculation (EGR) valve opening angle learn procedure added for 3 models

### SUZUKI

- Instruments (combination meter) system added: Swift (2010 onwards), Swift Sport (2010 onwards), Celerio (2010 onwards), Ignis (2010 onwards), Kizashi (2010 onwards), Baleno (2010 onwards), Cross (2013 onwards) and Vitra (2013 onwards)

### TOYOTA

- Theft deterrent system added for 15 models

### VAUXHALL

- Model year update to 2018
- Grandland X added
- Insignia B (2018) added
- Cylinder pressure PIDs added to the Insignia LBS engine 2009-2015
- Parking brake module added to the Meriva B 2013 and 2014
- Antilock brakes and electric power steering added to the Corsa E 2015-2018

### VOLKSWAGEN AUTO GROUP (VAG) - AUDI - SEAT - ŠKODA - VOLKSWAGEN

- 6 engines added for various VAG models
- Lane change assistant / blind spot monitor - CAN protocol variant and UDS protocol
- Brake electronics coding ability with descriptive coding assistant

# MORE VEHICLE COVERAGE, EXPERT TIPS AND INDUSTRY KNOWLEDGE THAN ANY OTHER DIAGNOSTIC PLATFORM ON THE MARKET

## 19.2

- ADAS: Adaptive cruise control system added with codes, data and tests for Alfa Romeo Stelvio and Alfa Romeo Giulia
- ADAS: Lane departure warning system added with codes, data, tests and special functions for: BMW 5-Series, BMW 6-Series and BMW 7-Series. All applicable models now covered between 2004-2011
- Perform calibrations on the camera based driver support system for 20 BMW models
- Airbag resistance data added for 8 BMW models
- Brake bleed routine added for 5 BMW models
- 4 new Citroën models added including: Citroën C3 Aircross, Citroën DS7, Citroën C4 Cactus (F3) and Citroën Berlingo (K9)
- Key programming special function added for: Citroën Relay 2, Citroën Dispatch 2, Citroën Xsara and Citroën C8
- Airbag lock and unlock special function with codes, data and tests added to all applicable Dacia models from 2010 onwards
- Airbag clear crash data special function with codes, data and tests added to all applicable Dacia models between 2013-2016
- 2 Fiat engines added
- ADAS: Adaptive cruise control system added with codes, data and tests for: Fiat 500X, Fiat Tipo and Fiat Fullback
- ADAS: Forward radar calibration special functions on the city brake active system added for all applicable Honda models
- All sensor learning special function added for the antilock brake system and calibration special function added for the airbag system. Both special functions are available on all applicable Honda models
- Hydrogen fuel cell system added for the Hyundai iX35 2014-2017
- ADAS: Special functions added to the Hyundai i30 including: Calibration function on the blind spot detection system and Variant coding on the multi-function camera system
- 4 Jaguar models added with codes, data, tests and special functions: Jaguar E-Pace (X540) 2018, Jaguar XF (X260) 2018, Jaguar XE (X760) 2018 and Jaguar F-Pace (X761) 2018 with 4 engines
- Special functions added to the Kia Niro including: Part exchange power steering motor on electronic power steering (EPS) system and fluid circulation mode and high pressure release mode on the ABS
- Full service interval reset following variant update for: Land Rover Discovery (L462), Range Rover Sport (L494), Range Rover (L405) and Land Rover Discovery Sport (L550)
- 3 Lexus models added: Lexus LS (500), Lexus LS (500H), Lexus CT (200H) Facelift and CT (200H)
- New model -Mazda 3 (BK) 2006-2010 -1.6L added with Diesel particulate filter (DPF) regeneration special function
- 4 Mercedes models added with codes, data, tests and special functions: Mercedes CLS 257 -with 11 systems, Mercedes A Class 177, Mercedes Sprinter 907 and Mercedes X470 -OM699
- MINI Special functions and actuator tests for the DME\_BX8 engine including: adjustment of idle speed, actuation electric fuel pump, reset adaptation values, learning valvetronic limit positions and determining the injectors
- ADAS: Forward collision mitigation system added to 3 Mitsubishi models with special functions to calibrate the camera and perform an auto high beam operation check
- Peugeot Rifter added with codes, data and special functions - 1.2L petrol, 1.5L diesel, 1.6L diesel
- Key programming special function added to: Peugeot Boxer 2, Peugeot 406 and Peugeot Expert 2
- Towbar configuration special function added for: Renault Espace V 2015 onwards, Renault Kadjar 2016 onwards, Renault Koleos 2017 onwards, Renault Megane IV 2016 onwards, Renault Scenic IV 2016 onwards and Renault Talisman 2016 onwards
- 7 new systems added to the Subaru Impreza with codes, data and test, including tyre pressure monitor TPS ID registration
- Four wheel drive system added with codes and data to the Suzuki Kizashi
- Two new models added including codes, data, tests and special functions: Toyota Aygo facelift 1.0L and Toyota Land Cruiser facelift 2.8L D-4D
- Infotainment system added with special functions for 18 VAG engine variants. Special functions include activation/deactivation of the telephone bluetooth module and resetting menu to factory settings
- ADAS: Perform static video calibrations on the rear view camera for 15 VAG engine variations

## 18.4

- Active steering system added to the BMW X3, X4, X5 and X6
- Special functions added to all Dacia 1.5 K9K diesel engines
- Trailer tow configuration special function added to the Ford Kuga, Focus, Ranger and the Courier
- Clear crash data special function added to the Ford Fiesta, Kuga, Transit, Transit Custom, Focus, C-Max, Transit Connect and the B-Max
- Service reset added to the Ford Transit Custom, Kuga, Ranger and Transit
- Kia models added with codes, data and functional tests for the Picanto, Rio, Stonic, Niro and Optima
- Engines added for the Land Rover Discovery and Range Rover
- ADAS: Front recognition camera and recognition camera adjust procedures added to 10 Land Rover models
- Brake bleed procedure special function added to the Mercedes-Benz E class 211
- Nissan models added with codes, data and special functions for the Qashqai, X-Trail and Micra
- Vauxhall parking brake module with codes, data and special functions added
- Citroën C4 Picasso air suspension special function added allowing the enabling/disabling of air suspension through BSI configuration
- Codes, data, tests and special functions including the Renault Alaskan 2.3L diesel and the Koleos 1.6L petrol, 1.6L and 2.0L

## 18.2

- Euro 6 model Fiat Ducato and the 83 KW electric Fiat 500 added
- BMW re-initialise headlamp and selective catalyst reduction (SCR) sensor reset special function available for most models launched from 2007 onwards
- Updated Dacia ABS antilock brakes module to now include most models from 2015 with the steering angle calibration special function
- Extended Honda coverage on transmission freeze frame data for most automatic transmission models 2008-2016 including: Accord, Civic, Civic Hybrid, CR-V, CR-Z, FR-V, HR-V, Insight, Jazz, Jazz Hybrid and Legend
- Power steering control module added for the Jaguar F-Pace, XE and the XJ with special functions
- Nissan Qashqai and Qashqai+2 1.6 diesel R9M engine 2011-2013 added with codes, data and functional tests
- Electronic power steering module added for 6 Nissan models
- Extended air conditioning system content added including codes, data, actuator tests, ECU identification and functional tests for 12 Nissan models
- 5 Toyota models added with codes, data, actuator tests and special functions
- Front recognition camera special function added for the Toyota C-HR, Hilux, Prius, Prius Plug-In, Rav4, Rav4 Hybrid
- VW Arteon and Audi Q2 added with great coverage

## 17.4

- BMW Luxury 7-Series added with 9 engines added and the MINI Cabrio Convertible with 4 engines added
- Dacia 1.5 diesel K9K engine added
- Ford service functions added for 2016-2017 including: ABS brake bleed, relative compression test, power balance test, cruise control module calibration and rear video camera configuration
- DPF regeneration and engine reset on the Ford Fiesta 1.4L diesel Euro 5 Engine
- Jaguar instrument cluster ECU added with codes, data and tests
- 2 Kia models added with extensive coverage: Niro 1.6L hybrid, Optima 1.7L diesel and Optima 2.0L hybrid
- Smart start ECU added for Mazda 2 2015, 3 2015, 6 2013, MX-5 2016, CX-5 2013 and CX-5 2013
- Mercedes-Benz systems added including: systems including: Distronic calibration coverage, panoramic sliding roof and multifunction camera



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