# Snap-on Diagnostics



# New for 21.4 - Australian Software Release Highlights

#### **Australian Software**

#### Ford

#### New Systems Added:

- Focus LZ 1.5L-T (2015-18): Transmission system added, with codes, data, functional tests and special functions!
- Focus LZ (RS) 2.3L-T (2016-18): Information Centre Module added with codes and data!

### Added Functionality for Existing Systems:

- Focus LZ 1.5L-T (2015-18): Engine coverage updated with more PIDS, functional tests and special functions - Misfire Monitor, Power Balance and Relative Compression Test!
- Falcon BF (2005-08): Additional ABS functional tests added for solenoid valve activations!
- Fiesta WS and WT (2008-13): ABS special functions added, including sensor calibrations and brake bleed!
- Escape ZG 2.0L-DT (2017-20): New special function added

   Mass Air Flow Sensor Learned Values Reset. Additional functional tests added for EGR Cooler Bypass Valve and Vaporizer Glow Plug Relay State.
- Escape ZG (2017-20): Additional functional tests added for the Instrument Cluster and Body Control Module systems!
- Focus LZ 1.5L-T (2015-18): Enhanced engine system with more data PIDS, functional tests and special functions!
- Focus LZ (RS) 2.3L-T (2016-18): New content for 21.4:
  - Enhanced engine system with more data PIDS and new functional tests and special function support!
     Functional tests added for BCM and HVAC systems!

#### **Fuso**

#### New Models Added:

 Rosa 3.0L-DT eu6 (2021): New generation model supported, with coverage for up to 10 systems! Diesel engine coverage includes special functions such as AdBlue tests and resets, DPF regeneration and many component reset and learn functions.

#### Model Year Update to 2021:

Canter and Fighter

## New Systems Added:

 Canter (2021): Driver Assistance System (VRDU) and Radar Sensor (RDF) systems added, with codes and data!

#### Added Functionality for Existing Systems:

- Canter (2021): Transmission functional tests added!
- Canter (2021): ABS special functions now supported, including calibrations for EPS and Steering Angle Sensors!

#### Holden

#### New Systems Added:

- Captiva CGII 5 & 7 (2011-15): 2 new systems added!
   Power Steering Control Module: codes and steering
  - assist solenoid functional test
    Remote Control Door Lock Receiver: codes, data, functional tests and special functions
- Commodore VEII 3.6L LPG (2012-13): New system coverage for the dedicated LPG model (LWR engine) with support for the Fuel Injector Control Module and Fuel Pump Control Module added!

#### Added Functionality for Existing Systems:

- Captiva CG 3.2L (2006-10): Engine system enhanced, with DTC Freeze Frame and more data added!
- Captiva CGII 7 2.4L (2011-15): Engine Cylinder Power Balance functional test added!
- Commodore VEII 3.6L LPG (2012-13): Additional engine coverage added for factory LPG models. Includes enhanced data, functional tests and special functions!
- Commodore VZ (2004-07): Expanded coverage added:
  - $_{\circ}$  ABS/ESP functional tests and Steering Angle Reset
  - <sub>o</sub> Powertrain Interface Module (PIM) functional tests
  - <sub>o</sub> Engine Oil Life Reset (3.6L)

# Hyundai

#### Auto ID:

- Auto ID is now extended to the 2021 model year with 21.4! **New Models Added:**
- i30 CN7 Sedan 1.6L-T & 2.0L (2021): All new i30 sedan model coverage added for both petrol engine and transmission variants! Up to 26 systems supported!
- i30 PD Hatch 1.6L-T & 2.0L (2021): New model coverage for the facelifted model added for both petrol engine and transmission variants! Up to 20 systems supported!
- Kona 1.6L-T & 2.0L (2021): Facelifted model with revised powertrains released for MY21 and now supported with 21.4. Includes new ABS system support for Electric Parking Brake Pad Change Mode!
- Palisade 2.2L-DT & 3.8L (2020-21): All new coverage for both petrol and diesel engines and up to 30 systems!
- Sonata 2.5L-T (2021): All new N-line model added with coverage for up to 33 systems!

#### Model Year Update to 2021:

- iLoad, iMax, IONIQ, Santa Fe, Tucson, Veloster and Venue **Added Functionality for Existing Systems:** 
  - Service Interval Reset procedure added for supported models – i30 PD and Palisade

## <u>Kia</u>

#### Auto ID:

- Auto ID is now extended to the 2021 model year with 21.4!
   New Models Added:
  - Carnival KA4 2.2L-DT & 3.5L (2021): New generation model supported with new content for up to 32 systems! Includes Electric Parking Brake Pad Change Mode and diesel engine DPF Regeneration special functions!
  - Rio 1.0L-T & 1.4L (2021): Facelifted model with revised powertrains released for MY21 and now supported!
  - Sorento MQ4 2.2L-DT & 3.5L (2021): New generation model supported with new content for up to 35 systems! Includes Electric Parking Brake Pad Change Mode and diesel engine DPF Regeneration special functions!

#### Model Year Update to 2021:

• Cerato, Picanto, Seltos, Sportage and Stinger!

#### Added Functionality for Existing Systems:

- Additional functional tests and special functions are now supported across many new and existing Kia 2020-21 models! Systems receiving this new content include Engine, Transmission, ABS and Integrated Central Control Module!
- Cerato BD 2.0L (2020-21): Engine DTC freeze frame data
- Cerato BD 2.0L (2020-21): Multi-function camera special functions – variant coding and calibrations (target/dynamic)
- Service Interval Reset procedure added for supported models – Carnival YP, Cerato BD, Picanto JA and Rio YB

# <u>Mazda</u>

#### New Models Added:

- BT-50 TF 3.0L-DT (2021): All new model supported with 21.4, with coverage for up to 20 systems! Engine content supports functional tests and special functions, including system resets, learns and DPF regeneration!
- CX-30 DM 2.0L, 2.0L-SC SPCCI & 2.5L (2021): All new CX-30 model now supported, including coverage for the new 2.0L-Supercharged Spark Controlled Compression Ignition (SPCCI) engine! Up to 33 systems available!

## Model Year Update to 2021:

• CX-3, CX-5, CX-8, CX-9, 2, 3, 6 and MX-5

#### New Systems Added:

- CX-5, CX-8 & CX-9 (2021): New systems added for 2021:
  - Gateway Unit code functions
  - 。360° View Monitor Camera code functions and data

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# Snap-on Diagnostics



# New for 21.4 - Australian Software Release Highlights

#### Australian Software (continued)

#### Mazda (continued)

#### Added Functionality for Existing Systems:

- 2 DJ/DL (2015-21): Electronic Automatic Temperature Control (HVAC) special function – EATC Operation Check
- 6 GH (2008-12): Instrument Cluster functional tests added
- 3 BN (2016-19): Head Up Display Maintenance Mode functional test added

#### Mitsubishi

#### Added Functionality for Existing Systems:

- Various models (2007-21): Airbag and Electronic Time and Alarm Control (ETAC) special functions added for many popular models. These are required for completing module replacement procedures:
  - Coding Information & Copy
  - o On Vehicle Coding

#### <u>Nissan</u>

#### New Systems Added:

- Navara/NP300 D23 2.3L-DT & 2.3L-DTT (2015-20): two new systems supported!
  - Differential Lock code functions and data
  - Energy Management Control Module: code functions, data, functional test and special function - Cumulative Battery Discharge Current Clear

#### Added Functionality for Existing Systems:

 Navara/NP300 D23 2.3L-DT & 2.3L-DTT (2015-20): Engine DTC Freeze Frame data added with 21.4!

#### **SsangYong**

#### Model Year Update to 2021:

• Korando C300 and Musso

#### New Systems Added:

- Musso (2019-21): two new systems supported!
  - <sub>o</sub> Around View Monitor code functions and data
  - Domain Control Unit code functions, data, functional tests and system tests

#### Added Functionality for Existing Systems:

 Various models (2012-21): additional ABS functionality added for supported models – Longitudinal Acceleration Sensor Calibration and Air Bleeding

#### <u>Suzuki</u>

#### New Models Added:

 Swift AZ Series 2 1.0L-T, 1.2L & 1.4L-T (2021): Updated model, now with support for up to 14 systems, including new Parking Sensor system support!

#### Model Year Update to 2021:

• Baleno, Ignis, Jimny, S-Cross and Vitara

#### New Systems Added:

- Ignis MF (2020-21): Central Gateway codes and data
  Swift AZ2 (2020-21): Parking Sensor codes and data
- Added Functionality for Existing Systems:

 Ignis & Jimny (2019-21): Airbag system enhanced data, now with resistance value PID's for each airbag circuit

#### **Toyota**

#### New Models Added:

- Camry 2.5L (2021): Facelift model released during 2021, now supported in 21.4 with up to 48 systems!
- Camry 2.5L-Hybrid (2021): Facelift model released during 2021, now supported in 21.4 with up to 51 systems!
- Fortuner 2.8L-DT (2020-21): The new facelifted Fortuner is now supported in 21.4 with up to 28 systems available! Includes codes, data, functional test and special functions for the revised diesel engine!

# <u>Toyota (continued)</u> New Models Added (continued):

- Hilux 2.4L-DT, 2.7L & 2.8L-DT (2020-21): The new Hilux with revised diesel powertrains is now supported in 21.4 with up to 27 systems available including extensive ADAS system content! Diesel engine includes support for code functions, data, functional tests and special functions!
- Land Cruiser Prado 2.8L-DT (2020-21): The new facelifted model with revisions to the diesel powertrain is now supported in 21.4 with up to 44 systems available!
- Supra GR 3.0L-T (2019-21): All new model support with up to 26 systems supported!
- Yaris 1.5L & 1.5L-Hybrid (2020-21): All new model support with up to 38 systems available!
- Yaris Cross 1.5L & 1.5L-Hybrid (2020-21): All new model support with up to 40 systems available!
- Yaris GR 1.6L-T (2020-21): All new model support with up to 34 systems available!

#### Model Year Update to 2021:

 86, C-HR, Coaster, Corolla, Granvia, Hiace, Kluger, Land Cruiser 70, Prius, Prius V and RAV4

#### **USA Software: Most OEM's Updated**

Chrysler/Dodge/Jeep (to 2021) Ford (to 2021) GM (to 2021) US Asian Software (to 2021)

#### **European Software: Most OEM's Updated**

Alfa Romeo (to 2021) BMW (to 2021) Audi (to 2021) Ford Euro (to 2021) Citroen (to 2021) Fiat (to 2021) Jaguar\*\* (to 2021) Land Rover\*\* (to 2021) Iveco (to 2021) MG (to 2021) Mini (to 2021) Mercedes (to 2021) Peugeot (to 2021) Porsche (to 2021) Onel (to 2021) Renault (to 2021) Skoda (to 2021) VW (to 2021) Volvo\*\* (to 2021)

#### Motorcycle\* - Solus Legend

Harley Davidson Motorcycles (to 2020)

BMW (to 2020) Ducati (to 2020) Honda (to 2020)

Indian (to 2020) Kawasaki (to 2020) Suzuki (to 2020)

Victory (to 2017) Yamaha (to 2020)

#### **Component Test Meter**

- NEW 21.4 Australian CTM make: Isuzu (2007-2020)
   New Australian specific model content with 5,942
   new engine tests added this bundle!
- Australian, European, US Domestic & US Imports updated!
- The 21.4 bundle includes new Australian CTM coverage for 2020 model year Ford, Honda, Kia, Mitsubishi and Nissan with a total of 75,242 new tests added!
- Ford and Honda Transmission CTM tests added for popular models with a total of 25,932 new tests!
- Ford, Honda, Kia, Mitsubishi and Nissan ABS system CTM tests added, with 21,807 new ABS tests in total!
- Honda body system coverage added for popular models, with a total of 4.396 new tests!

## Fast-Track® Intelligent Diagnostics (Triton & Zeus)

 Huge Fast-Track® Intelligent Diagnostics update for Australian models, with support for more PIDS, functional tests and component tests added for many makes and models!

\*Requires additional hardware for Harley Davidson, sold separately
\*All motorcycle coverage additional to Harley Davidson is only available with
Solus Legend and require make specific hardware purchases (sold separately)

\*\*Requires DA-4EA data cable EAX0072L17A (Ethos/Solus/Modis/Triton) or
Compact Scan Module SM7 EAK0355L05A (Verus Edge/Zeus) for some
models (Volvo 2016+, Land Rover 2018+, Jaguar 2019+), sold separately