

## **Australian 18.4 Software Release Details**

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### **Australian Manufacturers New for 18.4**

**<< Quick Stats for Australian 18.4 Software >>**

**New for 18.4 (from 18.2):**

***CTM Update for 5 Australian makes, including up 56 new models or model variants!***

***One Touch Code Scan and Clear All Codes added for an additional Australian make! That makes a total of 15 Australian makes with Code Scan and Clear All Codes Support!***

***Over 1,100 NEW, EXPANDED or ENHANCED Australian system selections for 18.4!***

***2018 Model year coverage for 9 manufacturers in Australian software!***

***13 Australian manufacturers receive new or updated content in 18.4!***

***Over 34 New Australian models and variants!***

***80 existing models extended to 2018!***

***New or enhanced content for Australian models from 2003 – 2018***

***Over 53 new system type selections across 7 Australian makes!***

### Ford

#### Added Functionality for Existing Systems:

- **Fiesta FZ 1.0L-T, 1.5L & 1.6L-T:**
  - Antilock Brakes - special functions added:
    - *Brake Bleeding*
    - *Rear Drum Brake Adjustment*
- **Air Conditioning (HIM) Module:**
  - Key On Engine Off (KOEO) self-test added
  - Supported on applicable Falcon BA, BF, FG and Territory models

**It is required that the KOEO self-test is carried out after HIM module replacement to allow the module to learn the operating ranges of the various mode and temperature levers in the system. A failure to carry this out may result in DTC's and incorrect HVAC system operation.**

### Fuso

- **One Touch Code Scan and Clear All Codes added to Fuso Australia for Canter and Fighter models between 2012 to 2018 model years!**

#### Models Updated to 2018:

- **Canter Euro 5 (413, 515, 615, 715, 815, 918), Fighter FK, Fighter FM & Rosa**

#### New Systems Added:

- **Canter Euro 5 (413, 515, 615, 715, 815, 918) 3.0L-DT (2012 – 2018):**
  - Instrument Panel – code functions, data and functional tests
  - Signal & Actuator Module (SSAM) – code functions, data and functional tests, including:
    - *Air Conditioning Blower Relays*
    - *Air Conditioning Compressor Relays*
    - *Windshield Washer Pump*
    - *Starter Signal Relays*
- **Fighter FK/FM Euro 5 7.5L-DT (2011 – 2018):**
  - Hill Start – code functions and data
  - Integration Control – code functions and data

## Holden

- **One Touch Code Scan and Clear All Codes extended to the 2018 model year!**

### **New Models Added:**

- **Holden Astra Sedan NB4 1.4L-T LE2 (2017 – 2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module, Electric Power Steering, Front View Camera Module, Human Machine Interface, Heating Ventilation and Air Conditioning (HVAC), HVAC Controls, Instrument Panel Cluster, Keyless Entry, Parking Assist Module, Power Supply Transformer, Radio, Radio Controls, Serial Data Gateway Module, Steering Column Lock and Trailer Lighting Control Module
  - Coverage Highlights:
    - *Engine supports code functions, data, functional tests and special functions:*
      - *Camshaft Position Actuator Tests*
      - *Output Controls - Cooling Fan, Cylinder Balance, Fuel Pump etc.*
      - *System Learns and Resets – Crankshaft Position Variation Learn, Engine Oil Life Reset, Idle Learn, HO2S Heater Learn etc.*
    - *Transmission Fast Learn Adaption supported*
    - *ABS special functions supported:*
      - *Brake Bleeding*
      - *Steering Wheel Angle Sensor Learn*
      - *Longitudinal Acceleration Sensor Reset*
    - *Body Control Module support includes functional tests and special functions:*
      - *Clear all window learned values*
      - *Brake Pedal Position Sensor Calibration*
    - *Electric Power Steering "Steering Wheel Angle Sensor Centering" supported*
    - *Front View Camera includes learn function, required after windscreen replacement*
    - *Park Assist Module special function "Park Assist Sensor Learn" supported*
- **Holden Astra-K Sportwagon 1.4L-T LE2 (2017 – 2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Active Safety Control Module, Body Control Module, Electric Power Steering, Front View Camera Module, Head Lamp Control Module, Human Machine Interface, Heating Ventilation and Air Conditioning (HVAC), HVAC Controls, Instrument Panel Cluster, Keyless Entry, Liftgate Module, Multi-Axis Acceleration Sensor, Parking Assist Module, Power Supply Transformer, Radar Sensor Long Range, Radio, Radio Controls, Serial Data Gateway Module, Steering Column Lock and Trailer Lighting Control Module
  - Coverage Highlights:
    - *Engine supports code functions, data, functional tests and special functions:*
      - *Camshaft Position Actuator Tests*
      - *Output Controls - Cooling Fan, Cylinder Balance, Fuel Pump etc.*
      - *System Learns and Resets – Crankshaft Position Variation Learn, Engine Oil Life Reset, Idle Learn, HO2S Heater Learn etc.*
    - *Transmission Fast Learn Adaption supported*
    - *ABS special functions supported:*
      - *Brake Bleeding*
      - *Steering Wheel Angle Sensor Learn*
      - *Longitudinal Acceleration Sensor Reset*
    - *Electric Power Steering "Steering Wheel Angle Sensor Centering" supported*
    - *Front View Camera Module includes Learn function, required after windscreen replacement*
    - *Park Assist Module special function "Park Assist Sensor Learn" supported*

## Holden (continued)

### New Models Added (continued):

- **Holden Commodore ZB 2.0L-T LTG and 3.6L-T LGX (2017 – 2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Active Safety Control Module, Amplifier, Body Control Module, Front View Camera Module, Headlamp Control Module, Human Machine Interface, Heating Ventilation and Air Conditioning (HVAC), HVAC Controls, Instrument Panel Cluster, Keyless Entry, Liftgate Module, Parking Assist Module, Power Steering Control Module, Power Supply Transformer, Radar Sensor Module – Long Range, Radio, Radio Controls, Rear Differential Clutch Control Module, Seat Memory Control Modules, Serial Data Gateway Module, Side Object Detection Module – Left, Steering Column Lock, Suspension Control Module and Video Processing Control Module
  - Coverage Highlights:
    - *Petrol engine support code functions, data, functional tests and special functions:*
      - *Automated Injector Balance supported for 3.6L engine*
      - *Camshaft Position Actuator Tests*
      - *Output Controls – Cooling Fan, Cylinder Balance, Fuel Pump etc.*
      - *System Learns and Resets – Crankshaft Position Variation Learn, Engine Oil Life Reset, Fuel Rail Pressure Relief Valve Learned Values Reset (2.0L-T), Fuel Trim Reset, Idle Learn Reset, HO2S Heater Learn etc.*
    - *9 speed Transmission coverage supports code functions, data, functional tests and special function – Fast Learn Adaption Process*
    - *ABS special functions supported*
      - *Electric Park Brake – Rear Brake Caliper Piston Retract and Extend tests, required to place the system in service mode for brake pad replacement*
      - *Brake Bleeding*
      - *Steering Wheel Angle Sensor Learn*
      - *Longitudinal Acceleration Sensor Reset*
    - *Body Control Module support includes functional tests and special functions:*
      - *Battery Module Sensor Learn – required after battery charging or replacement on vehicles fitted with automatic stop-start*
      - *Brake Pedal Position Sensor Calibration*
      - *Clear all window learned values*
    - *Front View Camera Module includes Learn function, required after windscreen replacement*
    - *Long Range Radar Sensor Module Learn function included for models fitted with distance sensing cruise control*
    - *Headlamp Control Module (LED headlamp models) functional tests and special function "Headlamp Levelling Sensor Learn" supported*
    - *New Liftgate Control Module system functional tests and special functions:*
      - *Hands-free Liftgate Sensor Control Module Calibration*
      - *Liftgate Maximum Open Position Learn*
    - *Power Steering Control "Steering Wheel Angle Sensor Centering" supported*
    - *Rear Differential includes special functions:*
      - *AWD Disabled by Malfunction Counter Reset*
      - *Rear Differential Hydraulic System Service Bleed*
    - *New Video Processing Control Module support includes code functions, data, functional tests and camera learn functions (requires use of GM Holden calibration mat – see your Holden dealer for this part)*

## Holden (continued)

### New Models Added (continued):

- **Holden Equinox 1.5L-T LYX, 1.6L-DT LVL and 2.0L-T LTG (2017 – 2018):**
  - Engine, Transmission (1.5L-T & 1.6L-DT 6 speed, 2.0L-T 9 speed), Antilock Brakes, Airbag, Amplifier, Body Control Module, Front View Camera Module, Headlamp Control Module, Human Machine Interface, Heating Ventilation and Air Conditioning (HVAC), HVAC Controls, Instrument Panel Cluster, Keyless Entry, Liftgate Module, Parking Assist Module, Power Steering Control Module, Power Supply Transformer, Radio, Radio Controls, Rear Differential Clutch Control Module, Seat Memory Control Module, Serial Data Gateway Module, Side Object Detection Module – Left, Steering Column Lock, Tyre Pressure Monitor and Trailer Lighting Control Module
  - Coverage Highlights:
    - *Petrol engine support code functions, data, functional tests and special functions:*
      - *Camshaft Position Actuator Tests*
      - *System Learns and Resets – Crankshaft Position Variation Learn, Engine Oil Life Reset, Fuel Rail Pressure Relief Valve Learned Values Reset, Idle Learn, HO2S Heater Learn etc.*
      - *Output Controls – Cooling Fan, Cylinder Balance, Fuel Pump etc.*
      - *1.5L-T Engine Oil Type Setup supported (for conventional or synthetic)*
    - *Diesel engine coverage includes code functions, data, functional tests and special functions:*
      - *DPF Regeneration*
      - *Injector Programming*
      - *Output Controls – Cooling Fan, Cylinder Balance, EGR Valve, Fuel Pump, Glow Plugs, Turbocharger Vane etc.*
      - *System resets and learns – Crankshaft Reluctor Wheel, DPF Reset, Fuel Trim Reset, High Pressure Fuel Correction Reset, Idle Air Control etc.*
      - *Reductant (AdBlue) system specific data, functional tests and special functions supported*
    - *Both 6 and 9 speed Transmission coverage support code functions, data, functional tests and special function – Fast Learn Adaption Process*
    - *ABS special functions supported*
      - *Electric Park Brake – Rear Brake Caliper Piston Retract and Extend tests, required to place the system in service mode for brake pad replacement*
      - *Brake Bleeding*
      - *Steering Angle Sensor Learn*
      - *Yaw Rate Sensor Learn*
    - *Front View Camera Module includes Learn function, required after windscreen replacement*
    - *Headlamp Control Module (LED headlamp models) functional tests and special function "Headlamp Levelling Sensor Learn" supported*
    - *HVAC special function – "Actuator Recalibration" supported*
    - *New Liftgate Control Module system functional tests and special functions:*
      - *Hands-free Liftgate Sensor Control Module Calibration*
      - *Liftgate Maximum Open Position Learn*
    - *Park Assist Module special function "Park Assist Sensor Learn" supported*
    - *Power Steering Control "Steering Wheel Angle Sensor Centering" supported*
    - *Rear Differential includes special functions:*
      - *AWD Disabled by Malfunction Counter Reset*
      - *Rear Differential Hydraulic System Service Bleed*

## Holden

### Models Updated to 2018:

- Astra-K, Barina TM, Captiva CGII, Colorado RG, Spark, Trailblazer RG and Trax TJ

### New Systems Added:

- **Captiva CGII 3.0L LFW (2016 – 2018):**
  - Chassis Control Module – Fuel Pump: code functions, data and functional tests:
    - Fuel Pressure Control (kPa)
    - Fuel Pump %
    - Fuel Pump Trim Reset

### Added Functionality for Existing Systems:

- **Astra-K 1.4L-T LE2 and 1.6L-T LWC (2016 – 2018):**
  - 1.4L-T and 1.6L-T Engine special function: *HO2S Heater Resistance Learned Values Reset*
  - ABS (Mechanical Park Brake and Electric Park Brake: *Solenoid Valve functional tests added*)
- **Captiva CGII 3.0L LFW (2016 – 2018):**
  - 3.0L LFW Engine: enhanced engine coverage:
    - DTC's with symptom code display
    - Enhanced data – many new PIDS added
    - New functional tests and special functions, including:
      - Automated Injector Balance
      - Brake Pedal Position Sensor Learn
      - Cooling Fan
      - Cylinder Power Balance
      - Crankshaft Position Variation Learn
      - Fuel Rail Pressure (mPa)
      - Fuel Rail Pressure Relief Valve Learned Values Reset
- **Colorado RG and Trailblazer RG 2.8L-DT (2016 – 2018):**
  - 2.8L-DT LWN engine:
    - Enhanced data – many new PIDS added
    - New functional tests and special functions, including:
      - Engine Oil Pressure Control Solenoid Valve
      - Piston Cooling Oil Jet Solenoid Valve
      - Fuel Trim Reset
      - High Pressure Fuel Correction Data Reset
      - HO2S Sensor Learn
      - Idle Air Control Reset
      - Idle Speed Adjustment
      - NOx Absorber and Sensor Resets
      - Prime Fuel Pump
  - Body Control Module: special function - *Tyre Pressure Sensor Signal Reset*
  - Human Machine Interface: addition functional tests and special functions:
    - Rearview Camera Display
    - Rearview Camera Screen Reverse Path Indicator Line
    - Speech Recognition

## Holden (continued)

### Added Functionality for Existing Systems (continued):

- **Spark 1.4L LV7 (2015 – 2018):**
  - Engine functional tests and special functions:
    - *Engine Controls Ignition Relay*
    - *Injector Balance*
    - *HO2S Heater Resistance Learned Values Reset*
    - *Throttle Body Idle Air Flow Compensation Reset*
- **Trax TJ 1.4L-T LUJ (2018):**
  - Revised 1.4L-T engine for Trax MY18, new system coverage features code functions, data, functional tests and special functions, including:
    - *Crankshaft Position Variation Learn*
    - *Engine Oil Life Reset*
    - *Idle Speed Adjustment*
    - *HO2S Test and HO2S Learn*
    - *Throttle Body Idle Air Flow Compensation Reset*
    - *Output Controls – Cooling Fan, Cylinder Balance, Fuel Pump etc*

## Honda

- **HR-V 1.8L (2015 - 2017):**
  - City Brake Active System: functional tests and special functions:
    - *System Drive functional test*
    - *History Data*
    - *Radar Correction for Windshield*

## Hyundai

- **One Touch Code Scan and Clear All Codes extended to the 2018 model year!**

### New Models Added:

- **Accent RB5/RB6 Sedan and Hatchback 1.6L-GDI (2017 - 2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Auto A/C, Body Control Module, Electronic Power Steering, FOB Key Relearn, Immobiliser, Smart Key Unit and Tyre Pressure Monitor
  - Coverage Highlights:
    - *Engine coverage supports code functions, data, functional tests and special functions, including (where supported):*
      - *Reset Adaptive Values*
      - *Actuators – Cooling Fan, Fuel Pump, Camshaft Actuators etc.*
    - *Transmission special function supported – Reset Auto Trans Adaptive Values*
    - *ABS functional tests and special functions, including where supported:*
      - *Air Bleeding*
      - *Auto Detected Configuration Reset*
      - *G Sensor and Steering Angle Sensor Calibration*
    - *Electric Power Steering Wheel Alignment Procedure supported*

## Hyundai (continued)

### New Models Added (continued):

- **i30 PD 1.6L-DT, 1.6L-GDI Turbo and 2.0L-GDI (2017 - 2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Auto A/C, Automatic Headlamp Levelling System, Blind Spot Detection, Body Control Module, Cluster Module, Electric Parking Brake, Electronic Power Steering, FOB Key Relearn, Immobiliser, Integrated Gateway Power Control Module, Multi-Function Camera, Parking Guide, Smart Cruise Control, Smart Key Unit, Tyre Pressure Monitor and Wireless Power Charge
  - Coverage Highlights:
    - *Petrol engine coverage supports code functions, data, functional tests and special functions, including (where supported):*
      - *Reset Adaptive Values*
      - *Actuators – Cooling Fan, Fuel Pump, Camshaft Actuators etc.*
    - *Diesel engine coverage supports code functions, data, functional tests and special functions, including (where supported):*
      - *DPF Regeneration*
      - *Injector Programming*
      - *System resets and learns – Air Flow Sensor Replacement, EGR Valve Replacement, Rail Pressure Sensor Replacement etc.*
    - *Transmission (2.0L) inc. special function – Reset Auto Trans Adaptive Values*
    - *Dual Clutch Transmission (1.6L-T & 1.6L-DT) supports code functions, data, functional tests and special function – DCT Learning Function*
    - *ABS functional tests and special functions, including where supported:*
      - *Air Bleeding*
      - *Auto Detected Configuration Reset*
      - *Longitudinal G Sensor and Steering Angle Sensor Calibration's*
    - *Automatic Headlamp Levelling coverage supports Level Initialisation*
    - *Blind Spot Detection system coverage includes calibration*
    - *Body Control Module coverage includes special function:*
      - *User Option Module - Change BCM settings to suit user preferences*
    - *Cluster Module codes functions, data, functional tests and special functions:*
      - *Service Interval Reset – allows ability to change saved SIR settings between customer mode and workshop mode options. Reset function added for vehicles set to workshop mode.*
    - *Electric Parking Brake coverage includes Maintenance Mode*
    - *Electric Power Steering special functions include:*
      - *EPS Type Recognition*
      - *Steering Angle Sensor Calibration*
    - *Integrated Gateway Power Module coverage includes special function:*
      - *User Option Module – Adjust saved settings e.g. One Touch Turn Signal*
    - *Tyre Pressure Monitor special function – Wheel Sensor ID Writing*
- **i30 PD "N" 2.0L-GDI Turbo (2018):**
  - Engine, Antilock Brakes, Airbag, Auto A/C, Automatic Headlamp Levelling System, Body Control Module, Cluster Module, Door Modules, Electronic Control Suspension, Electronic Power Steering, FOB Key Relearn, Immobiliser, Integrated Gateway Power Control Module, Multi-Function Camera, Parking Guide, Power Seat Module, Smart Key Unit, Tyre Pressure Monitor and Wireless Power Charge
  - Coverage Highlights:
    - *Engine coverage supports code functions, data, functional tests and special functions, including (where supported):*
      - *Reset Adaptive Values*
      - *Actuators – Cooling Fan, Fuel Pump, Camshaft Actuators etc.*



## Hyundai (continued)

### **New Models Added (continued):**

- **Kona OS 1.6L-GDI Turbo and 2.0L MPI (2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Active Air Flap, Amplifier, Auto A/C, Automatic Headlamp Levelling System, Blind Spot Detection, Body Control Module, Cluster Module, Electronic Power Steering, FOB Key Relearn, Four Wheel Drive Control, Forward Collision Avoidance Assist, Head Up Display, Integrated Gateway Power Control Module, Lane Keeping Assist, Parking Guide, Smart Key Unit, Tyre Pressure Monitor and Wireless Power Charge
  - Coverage Highlights:
    - *Engine coverage supports code functions, data, functional tests and special functions, including (where supported):*
      - *Reset Adaptive Values*
      - *Actuators – Cooling Fan, Fuel Pump, Camshaft Actuators etc.*
    - *Transmission (2.0L) special function supported – Reset Auto Trans Adaptive Values*
    - *Dual Clutch Transmission (1.6L-T) supports code functions, data, functional tests and special function – DCT Learning Function*
    - *ABS functional tests and special functions, including where supported:*
      - *Longitudinal G Sensor Calibration*
      - *Pressure Sensor Calibration*
      - *Variant Coding*
    - *Automatic Headlamp Levelling coverage supports Level Initialisation*
    - *Blind Spot Detection system coverage includes calibration*
    - *Body Control Module coverage includes special function:*
      - *User Option Module - Change BCM settings to suit user preferences*
    - *Cluster Module codes functions, data, functional tests and special functions:*
      - *Service Interval Reset – allows ability to change saved SIR settings between customer mode and workshop mode options. Reset function added for vehicles set to workshop mode.*
      - *Variant Coding*
    - *Electric Parking Brake coverage includes Maintenance Mode*
    - *Electric Power Steering special functions include:*
      - *EPS Type Recognition*
      - *Steering Angle Sensor Calibration*
    - *Four Wheel Drive coverage includes functional tests and special functions:*
      - *Clutch Learning Read, Write and Reset*
    - *Integrated Gateway Power Module coverage includes special function:*
      - *User Option Module - Change settings to suit user preferences, eg. One Touch Turn Signal*
    - *Lane Keeping Assist supports Calibration special function. This is required after windscreen replacement*
    - *Tyre Pressure Monitor special function – Wheel Sensor ID Writing*

## Hyundai (continued)

### **New Models Added (continued):**

- **Santa Fe DM5 2.2L-DT, 2.4L-GDI and 3.3L MPI (2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Adaptive Front Lighting, Around View Monitor, Auto A/C, Automatic Headlamp Levelling System, Blind Spot Detection (L/R), Body Control Module, Cluster Module, Door Modules, Electronic Parking Brake, Electronic Power Steering, FOB Key Relearn, Four Wheel Drive Control, Lane Departure Warning, Power Seat Module, Power Tailgate, Smart Cruise Control, Smart Junction Box, Smart Key Unit, Smart Parking Assist and Tyre Pressure Monitor
  - Coverage Highlights:
    - *Petrol engine coverage supports code functions, data, functional tests and special functions, including (where supported):*
      - *Reset Adaptive Values (2.4L)*
      - *Auto Detected Configuration Reset (3.3L)*
      - *Actuators – Cooling Fan, Fuel Pump, Camshaft Actuators etc.*
    - *Diesel engine coverage supports code functions, data, functional tests and special functions, including (where supported):*
      - *DPF Regeneration*
      - *Injector Programming*
      - *System resets and learns – Air Flow Sensor Replacement, EGR Valve Replacement, Rail Pressure Sensor Replacement etc.*
    - *Transmission special function supported – Reset Auto Trans Adaptive Values*
    - *ABS functional tests and special functions, including where supported:*
      - *Air Bleeding*
      - *G Sensor and Steering Angle Sensor Calibration's*
    - *Adaptive Front Lighting coverage supports Calibration*
    - *Automatic Headlamp Levelling coverage supports Level Initialisation*
    - *Blind Spot Detection system's (L/R) coverage includes calibration*
    - *Body Control Module coverage includes special function:*
      - *User Option Module - Change BCM settings to suit user preferences*
    - *Electric Power Steering coverage includes Steering Angle Sensor Calibration*
    - *Tyre Pressure Monitor special function – Wheel Sensor ID Writing*
- **Sonata LF3 2.0L-GDI Turbo and 2.4L GDI (2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Adaptive Front Lighting, Around View Monitor, Auto A/C, Automatic Headlamp Levelling System, Autonomous Emergency Braking, Blind Spot Detection (L/R), Body Control Module, Cluster Module, Door Modules, Electric Parking Brake, Electric Power Steering, FOB Key, Immobiliser, Multi-Function Camera, Parking Guide, Power Seat Module, Smart Cruise Control, Smart Junction Box, Smart Key Unit, Tyre Pressure Monitor and Wireless Power Charge
  - Coverage Highlights:
    - *Engine coverage supports code functions, data, functional tests and special functions, including (where supported):*
      - *Reset Adaptive Values*
      - *Actuators – Cooling Fan, Fuel Pump, Camshaft Actuators etc.*
    - *Transmission special function supported – Reset Auto Trans Adaptive Values*
    - *ABS functional tests and special functions, including where supported:*
      - *Air Bleeding*
      - *Longitudinal G Sensor and Steering Angle Sensor Calibration's*
    - *Adaptive Front Lighting coverage supports Calibration*
    - *Automatic Headlamp Levelling coverage supports Level Initialisation*
    - *Electronic Parking Brake coverage includes Maintenance Mode*
    - *Electric Power Steering coverage includes Steering Angle Sensor Calibration*

## Hyundai (continued)

### Models Updated to 2018:

- Elantra AD, i40, iLoad TQ-3, Imax, Tucson and Veloster

### New Systems Added:

- **Tucson TL/TLe 1.6L-GDI Turbo, 2.0L-GDI, 2.0L-DT, 2.0L MPI (2015 – 2018):**
  - Autonomous Emergency Braking: code functions, data and special function:
    - *Radar Sensor Alignment. Vehicle Stopped (requires use of Hyundai target boards) or Driving Mode procedures available. This function is required after the Radar sensor is replaced, such as after collision repair.*
- **Veloster 1.6L-GDI and 1.6L-Turbo (2017 – 2018):**
  - Cluster Module: code functions, data and functional tests
  - Smart Key Unit: code functions, data, functional tests and special functions, including (where supported):
    - *Various system status tests*
    - *Engine Control Module Neutralisation Mode*
    - *User Option - Change settings to suit user preferences*

### Added Functionality for Existing Systems:

- **Elantra AD 1.6L-T and 2.0L (2016 – 2018):**
  - Dual Clutch Transmission (1.6L-T) special function: *DCT Learning Function*
  - Body Control Module special function: *User Option Module*
    - *Change settings to suit user preferences, e.g. (where supported): Headlamp Escort, Auto Door Lock/Unlock and Remote Key Trunk Function*
  - Cluster Module: special functions added:
    - *Service Interval Reset – allows ability to change saved SIR settings between customer mode and workshop mode options. Reset function added for vehicles set to workshop mode.*
    - *Variant Coding*
  - Driver Door Module special function: *User Option Module*
    - *Change settings to suit user preferences e.g. (where supported): Remote Open/Close Setting*
- **Genesis 3.8L (2014 – 2017):**
  - Body Control Module special function: *User Option Module*
    - *Change settings to suit user preferences, e.g. (where supported): Headlamp Escort, Auto Door Lock/Unlock and Remote Key Trunk Function*
  - Cluster Module: special functions added:
    - *Service Interval Reset – allows ability to change saved SIR settings between customer mode and workshop mode options. Reset function added for vehicles set to workshop mode.*
    - *Variant Coding*
  - Driver Door Module special function: *User Option Module*
    - *Change settings to suit user preferences e.g. (where supported): Remote Open/Close Setting*
- **i30 GD 1.6L-DT (2012 – 2017):**
  - Dual Clutch Transmission special function: *DCT Learning Function*

## Hyundai (continued)

### Added Functionality for Existing Systems (continued):

- **i40 1.7L-DT (2015 – 2018):**
  - Dual Clutch Transmission special function: *DCT Learning Function*
- **iLoad and iMax 2.4L GDI (2016 – 2018):**
  - Transmission special function – *Reset Auto Trans Adaptive Values*
- **Santa Fe 2.2L-DT, 2.4L GDI and 3.3L (2014 – 2018):**
  - Body Control Module special function: *User Option Module*
    - *Change settings to suit user preferences, e.g. (where supported): Headlamp Escort, Auto Door Lock/Unlock and Remote Key Trunk Function*
- **Sonata LF 2.0L-GDI Turbo and 2.4L-GDI (2015 – 2018):**
  - Driver Door Module special function: *User Option Module*
    - *Change settings to suit user preferences e.g. (where supported): Remote Open/Close Setting*
  - Cluster Module: special functions added:
    - *Service Interval Reset – allows ability to change saved SIR settings between customer mode and workshop mode options. Reset function added for vehicles set to workshop mode.*
    - *Variant Coding*
- **Tucson TL/TLe 1.6L-GDI Turbo, 2.0L-GDI, 2.0L-DT, 2.0L MPI (2015 – 2018):**
  - Dual Clutch Transmission (1.6L-T) special function: *DCT Learning Function*
  - Body Control Module special function: *User Option Module*
    - *Change settings to suit user preferences, e.g. (where supported): Headlamp Escort, Auto Door Lock/Unlock, Wiper Interlocking with Headlamp and Remote Key Trunk Function*
  - Cluster Module: special functions added:
    - *Service Interval Reset – allows ability to change saved SIR settings between customer mode and workshop mode options. Reset function added for vehicles set to workshop mode.*
    - *Variant Coding*

## Kia

- **One Touch Code Scan and Clear All Codes extended to the 2018 model year!**

### **New Models Added:**

- **Picanto JA 1.2L KAPPA (2017 - 2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Auto A/C, Cluster Module, Electronic Power Steering, FOB Key Relearn, Immobiliser, Parking Guide, Smart Cruise Control, Smart Key Unit and Tyre Pressure Monitor
  - Coverage Highlights:
    - *Engine coverage supports code functions, data, functional tests and special functions, including (where supported):*
      - *Reset Adaptive Values*
      - *Auto Detected Configuration Reset*
    - *Transmission special function supported – Reset Auto Trans Adaptive Values*
    - *ABS functional tests and special functions, including where supported:*
      - *Longitudinal G Sensor Calibration*
      - *Pressure Sensor Calibration*
      - *Variant Coding*
    - *Electric Power Steering Wheel Alignment Procedure supported*
- **Rio YB 1.4L KAPPA (2017 - 2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Auto A/C, Blind Spot Detection, Body Control Module, Cluster Module, Electronic Power Steering, FOB Key Relearn, Immobiliser, Multi-Function Camera, Parking Guide, Smart Cruise Control, Smart Key Unit and Tyre Pressure Monitor
  - Coverage Highlights:
    - *Engine coverage supports code functions, data, functional tests and special functions, including (where supported):*
      - *Reset Adaptive Values*
      - *Auto Detected Configuration Reset*
    - *Transmission special function supported – Reset Auto Trans Adaptive Values*
    - *ABS code functions, data, functional tests and special functions, including where supported:*
      - *Air Bleeding*
      - *Auto Detected Configuration Reset*
      - *Longitudinal G Sensor Calibration*
      - *Steering Angle Sensor Calibration*
      - *Variant Coding*
    - *Blind Spot Detection system includes Calibration special function*
    - *Body Control Module coverage includes special function:*
      - *User Option Module - Change BCM settings to suit user preferences*
    - *Electric Power Steering coverage includes special functions:*
      - *EPS Type Recognition*
      - *Steering Angle Sensor Calibration*
    - *New Multi-Function Camera support includes code functions, data and special functions:*
      - *Calibration functions – required after windscreen replacement*
      - *Variant Coding*
    - *Tyre Pressure Monitor coverage includes special functions:*
      - *TPMS Tyre Pressure Save (Set)*
      - *TPMS Variant Coding*

## Kia (continued)

### **New Models Added (continued):**

- **Sorento UM MY18 2.2L-DT and 3.5L (2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Active Hood System, Adaptive Front Lighting, Amplifier, Auto A/C, Automatic Headlamp Levelling System, Autonomous Emergency Braking, Blind Spot Detection, Body Control Module, Central Gateway, Cluster Module, Door Modules, Electronic Parking Brake, Electronic Power Steering, FOB Key Relearn, Four Wheel Drive Control, Immobiliser, Multi-Function Camera, Power Seat Module, Power Tailgate, Smart Cruise Control, Smart Junction Box, Smart Key Unit, Smart Parking Assist, Steering Wheel Remote Control, Surround View Monitor, Tyre Pressure Monitor and Wireless Power Charge
  - Coverage Highlights:
    - *Petrol engine coverage supports code functions, data, functional tests and special functions, including (where supported):*
      - *Reset Adaptive Values*
      - *Auto Detected Configuration Reset*
    - *Diesel engine coverage supports code functions, data, functional tests and special functions, including (where supported):*
      - *DPF Regeneration*
      - *Injector Programming*
      - *System resets and learns – Air Flow Sensor Replacement, EGR Valve Replacement, Rail Pressure Sensor Replacement etc.*
    - *Both 6 speed and new 8 speed Transmission's supported – code functions, data, functional tests and special function – Reset Auto Trans Adaptive Values*
    - *ABS code functions, data, functional tests and special functions, including where supported:*
      - *Air Bleeding*
      - *Auto Detected Configuration Reset*
      - *Longitudinal G Sensor Calibration*
      - *Steering Angle Sensor Calibration*
    - *Adaptive Front Lighting coverage supports Calibration*
    - *Automatic Headlamp Levelling coverage supports special function – Parameter Setting and Zero Position Initial*
    - *Blind Spot Detection system includes Calibration special function*
    - *Body Control Module coverage includes special function:*
      - *User Option Module - Change BCM settings to suit user preferences*
    - *Electric Parking Brake coverage includes Maintenance Mode*
    - *Electric Power Steering coverage includes special functions:*
      - *EPS Type Recognition*
      - *Steering Angle Sensor Calibration*
    - *Four Wheel Drive coverage includes functional tests and special functions:*
      - *Clutch Learning Read, Write and Reset*
    - *New Multi-Function Camera support includes code functions, data and special functions:*
      - *Calibration functions – required after windscreen replacement*
      - *Variant Coding*
    - *Power Seat Module coverage includes special function:*
      - *User Option Module - change settings to suit user preferences*
    - *Power Tailgate coverage includes Configuration special function*
    - *Tyre Pressure Monitor coverage includes special functions:*
      - *Wheel Sensor ID Writing*

## Kia (continued)

### **New Models Added (continued):**

- **Stinger CK 2.0L-GDI Turbo and 3.3L-GDI Turbo (2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Active Hood System, Adaptive Front Lighting, Amplifier, Auto A/C, Automatic Headlamp Levelling System, Blind Spot Detection (L/R), Body Control Module, Cluster Module, Driver Door Module, Electronic Control Suspension, Electronic Power Steering, Electronic Shifter, Four Wheel Drive Control, Head Up Display, Integrated Central Control Unit, Multi-Function Camera, Parking Guide, Power Seat Module, Power Tailgate, Smart Cruise Control, Smart Key Unit, Steering Column Module, Surround View Monitor, Tyre Pressure Monitor and Wireless Power Charge
  - Coverage Highlights:
    - *Engine coverage supports code functions, data, functional tests and special functions, including (where supported):*
      - *Reset Adaptive Values*
      - *Auto Detected Configuration Reset*
    - *Transmission special function supported – Reset Auto Trans Adaptive Values*
    - *ABS code functions, data, functional tests and special functions, including where supported:*
      - *Air Bleeding*
      - *Auto Detected Configuration Reset*
      - *Brake Pad Change Mode*
      - *Longitudinal G Sensor Calibration*
      - *Steering Angle Sensor Calibration*
      - *Variant Coding*
    - *Adaptive Front Lighting coverage supports Calibration*
    - *Automatic Headlamp Levelling coverage supports Initialisation special function*
    - *Blind Spot Detection (L/R) systems include Calibration special function*
    - *Driver Door Module coverage includes special function:*
      - *User Option Module - Change settings to suit user preferences*
    - *Electronic Control Suspension coverage includes Variant Coding*
    - *Electric Power Steering coverage includes special functions:*
      - *EPS Type Recognition*
      - *Part Exchange (power Steering Motor)*
      - *Steering Angle Sensor Calibration*
    - *Four Wheel Drive system includes code functions, data, functional tests and special functions, including where supported:*
      - *Air Bleeding Mode*
      - *Clutch Learning Reset*
    - *Head up display supports Calibration special function*
    - *New Multi-Function Camera support includes code functions, data and special functions:*
      - *Calibration functions – required after windscreen replacement*
      - *Variant Coding*
    - *Power Seat Module includes special function - Seat Limit Position Setting*
    - *Power Tailgate Module includes Configuration special function*
    - *Smart Cruise Control includes Radar Sensor Alignment, required after sensor replacement such as after collision repair*
    - *Steering Column Module coverage includes special functions:*
      - *Steering Easy Access*
      - *Steering Limit Position Setting*
    - *Tyre Pressure Monitor coverage includes special functions:*
      - *Wheel Sensor ID Writing*

## Kia (continued)

### Models Updated to 2018:

- Carnival YP, Cerato YD, Optima, Picanto TA, Rondo, Sorento UM, Soul and Sportage QL

### New Systems Added:

- **Carnival YP 2.2L-DT and 3.3L (2018):**
  - Multi-Function Camera: code functions, data and special functions:
    - Calibration functions – required after windscreen replacement
    - Variant Coding
- **Sorento UM 2.2L-DT (2017 - 2018):**
  - New 8 speed Transmission (2018): code functions, data, functional tests and special function:
    - Reset Auto Trans Adaptive Values
  - Active Hood System: code functions, data and functional tests
  - Amplifier: system identification and operation test
  - Autonomous Emergency Braking: code functions and data
  - Central Gateway: code functions and special function – Erase Network Configuration
  - Immobiliser: code functions, data and special functions, including (where supported):
    - Key Teaching
    - Limp Home Mode
    - Neutral Mode
    - Password Teaching/Changing
  - Multi-Function Camera (2018): code functions, data and special functions:
    - Calibration functions – required after windscreen replacement
    - Variant Coding
  - Steering Wheel Remote Control: code functions
  - Surround View Monitor: code functions, data and functional tests
  - Wireless Power Charge: code functions, data and functional tests
- **Sportage QL 2.0L, 2.0L-DT and 2.4L (2016 - 2018):**
  - Lane Departure Warning: code functions, data and special functions:
    - Calibration functions – required after windscreen replacement
    - Variant Coding

### Added Functionality for Existing Systems:

- **Carnival YP 2.2L-DT (2018):**
  - Diesel engine: additional special functions added, including (where supported):
    - ECU Tuning Data
    - Fuel Line Air Removal
    - Lambda Sensor (LSU) Cleaning
- **Sorento UM 2.2L-DT and 3.5L (2015 - 2018):**
  - Diesel engine: additional special functions added, including (where supported):
    - ECU Tuning Data
    - Fuel Line Air Removal
    - Lambda Sensor (LSU) Cleaning
  - Power Tailgate: special function - Power Tailgate Mode Configuration



## Lexus\*

### New Models and Models Updated to 2018\*:

- **One Touch Code Scan and Clear All Codes extended to the 2018 model year!**
- **ES300h, ES350, GS F, GS300, GS350, GS450h, IS300, IS350, LC500, LC500h, LS500, LS500h, LX570, NX300, NX300h, RC F, RC300, RC350, RX350 and RX450h**

### New Systems Added\*:

- **Active Noise Control:**
  - LS 500 and LS 500h (2018): code functions and data
- **Central Gateway:**
  - Coverage for many 2018 models: code functions, data and special functions
- **Dynamic Rear Steering:**
  - LS 500 (2018): code functions and data
- **Head Up Display:**
  - Coverage for many 2018 models: codes, data, functional tests and special functions
- **HV Battery:**
  - LC500h, LS500h and NX300h (2018): code functions, data and functional tests
- **Motor Generator:**
  - LC500h and LS500h (2018): code functions and data
- **Advanced Park Guide – Park Assist:**
  - Coverage for many 2018 models: code functions and data
- **Park Assist Camera and Panoramic View Monitor Systems:**
  - LS500, NX300, NX300h, RX350 and RX450h (2018): code functions and data
- **Pedestrian Protection:**
  - LS500 (2018): code functions and data
- **Power Integration 1/2/3:**
  - LS500 and LS500h (2018): code functions and data
- **Steering Angle Sensor:**
  - LC500, LC500h, LS500 and LS500h (2018): code functions and data
- **Telematics:**
  - Coverage for many 2018 models: code functions and data
- **Vehicle Proximity Notification:**
  - ES300h, GS450h, LC500h, LS500h, NX300 and RX450h (2018): code functions, data, functional tests and special functions
- **Wiper:**
  - LC500, LC500h, LS500 and LS500h (2018): code functions, data and functional tests

\*USA market Lexus vehicle communication software content for Australian Lexus year selection 2011 and up. Some AU market differences may exist.

## Mazda

- **One Touch Code Scan and Clear All Codes extended to the 2018 model year!**

### **New Models Added:**

- **CX-3 DK 2.0L SKYACTIV-G (2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, 4WD Module, Adaptive Front Lighting /Auto Levelling Module, Body Control Module, Blind Spot Monitoring, Connectivity Master Unit, Driver Seta Module, Electronic Automatic Temperature Control, Electronic Power Steering, Electrical Supply Unit, Forward Sensing Camera, Head Up Display, Instrument Panel Cluster, i-stop Control, Parking Sensor Module, Smart Start Unit, Smart Brake Support / Mazda Radar Cruise Control and Tyre Pressure Monitor
  - Coverage Highlights:
    - *Engine coverage supports functional tests and special functions:*
      - *Functional Tests – Air Conditioning, Cooling Fans, Injector Cut, EVAP Purge Solenoid, Oil Pressure Solenoid etc.*
      - *Oil Maintenance setting adjustment and resets (if supported by vehicle)*
    - *Transmission coverage includes code functions, data and functional tests*
    - *ABS supports functional tests and special functions:*
      - *Brake Fluid Pressure Sensor Initialisation*
      - *Lateral and Longitudinal Acceleration Sensor Initialisations*
      - *Yaw Rate Sensor Initialisation*
    - *Adaptive Front Lighting /Auto Levelling Module supports sensor Initialisation*
    - *i-stop control includes learning instructions*
- **CX-5 KF 2.0L SKYACTIV-G, 2.2L-DT SKYACTIV-D and 2.5L SKYACTIV-G (2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, 4WD Module, Adaptive Front Lighting /Auto Levelling, Amplifier, Body Control Module (Front/Rear), Blind Spot Monitoring (L/R), Connectivity Master Unit, Data Communication Module, Driver Seat Module, Electronic Automatic Temperature Control, Electronic Parking Brake, Electronic Power Steering, Forward Sensing Camera, Head Up Display, Instrument Panel Cluster, i-stop Control, Parking Sensor, Power Liftgate, Smart Start Unit, Smart Brake Support / Mazda Radar Cruise Control, Tyre Pressure Monitor and View Monitor Camera
  - Coverage Highlights:
    - *Petrol Engine coverage supports functional tests and special functions:*
      - *Functional Tests – Air Conditioning, Cooling Fans, Injector Cut, EVAP Purge Solenoid, Oil Pressure Solenoid etc.*
      - *Oil Maintenance setting adjustment and resets (if supported by vehicle)*
    - *Diesel engine coverage includes code functions, data, functional tests and special functions, including (where supported):*
      - *Functional Tests – Air Conditioning, EGR Valve, Injector Cut, Turbocharger Compressor Bypass Valve, Wastegate Valve etc.*
      - *DPF Regeneration*
      - *Injector Programming*
      - *Oil Maintenance setting adjustment and resets (if supported by vehicle)*
      - *System resets and learns – Fuel Pump Data Reset, Injector Data Reset, Mass Air Flow Data Reset, DPF Data Reset etc.*
    - *Transmission coverage includes code functions, data and functional tests*
    - *ABS supports functional tests and special functions:*
      - *Brake Fluid Pressure Sensor Initialisation*
      - *Lateral and Longitudinal Acceleration Sensor Initialisations*
      - *Yaw Rate Sensor Initialisation*
    - *Adaptive Front Lighting /Auto Levelling Module supports sensor Initialisation*
    - *i-stop control includes learning instructions*

## Mazda

### Models Updated to 2018:

- BT-50, CX-3, CX-9, Mazda 2, Mazda 3, Mazda 6 and MX-5

### New Systems Added:

- **Mazda 2 DJ 1.5L (2016 – 2018):**
  - Connectivity Master Unit: code functions
  - Electrical Supply Unit: code functions
  - Head Up Display: code functions
  - Parking Sensor Module: code functions and data
- **Mazda 3 BM 2.0L and 2.5L (2014 – 2016):**
  - Parking Sensor Module: code functions
- **Mazda 6 GL 2.2L-DT and 2.5L (2016 – 2018):**
  - Connectivity Master Unit: code functions
  - Parking Sensor Module: code functions and data
- **Mazda CX-3 DK 2.0L (2015 - 2018):**
  - Smart Brake Support / Mazda Radar Cruise Control: code functions and data
- **Mazda CX-9 TC 2.5L-T (2016 – 2018):**
  - Head Up Display: code functions, data and functional tests
  - i-stop Control: code functions, data and i-stop learning instructions
- **Mazda MX-5 ND 1.5L and 2.0L (2018):**
  - Retractable Hard Top: code functions and data

### Added Functionality for Existing Systems:

- **Mazda 2 DJ 1.5L (2016 – 2018):**
  - Smart Start Unit: functional tests
- **Mazda 3 BN 2.0L and 2.5L (2016 – 2018):**
  - Electronic Automatic Temperature Control Unit: functional tests
  - Smart Start Unit: functional tests
- **Mazda BT-50 2.2L-DT and 3.2L-DT (2018):**
  - Transmission special functions:
    - *Clear Trans Adaptive Tables*
    - *Halt Trans Adaptive Learning*
    - *Resume Trans Adaptive Learning*
    - *Stop Use of Trans Adaptive*
- **Mazda CX-3 DK 1.5L-DT and 2.0L (2015 - 2018):**
  - Smart Start Unit: functional tests

### Mazda (continued)

#### Added Functionality for Existing Systems (continued):

- **Mazda CX-9 TC 2.5L-T (2016 – 2018):**
  - Electronic Automatic Temperature Control Unit: functional tests
  - 4WD Module: special function added - *Coupling Calibration Data Writing*
  - Smart Start Unit: functional tests
- **Mazda MX-5 ND 1.5L and 2.0L (2017 – 2018):**
  - Transmission: functional tests

### Mitsubishi

#### Added Functionality for Existing Systems:

- **Outlander ZK 2.0L, 2.2L-DT and 2.4L (2017):**
  - Multi Around Monitor: special function –
    - *Save Learned Value*
    - *Write Learned Value*
- **Engine systems enhanced, most models (2007 – 2017):**
  - Data now added to engine actuator tests across popular petrol and diesel models between 2007 – 2017 model years. Allows user to view current data while carrying out an actuator test. Models with this additional coverage include:
    - ASX petrol and diesel
    - Challenger KH/PB/PC
    - Lancer CJ/CF (inc. Ralliart and Evolution)
    - Mirage LA
    - Outlander ZH/ZJ/ZK petrol and diesel
    - Pajero NS/NT/NW/NX petrol and diesel
    - Pajero Sport QE
    - Triton ML/MN/MQ petrol and diesel
- **Electronic Time and Alarm Control (ETACS) System, most models (2007 – 2017):**
  - Special functions added for 18.4:
    - *Customisation – adjust vehicle settings to suit user preferences. Available settings vary with model to model, but may include:*
      - *Head Light Automatic Shut Down Time*
      - *Interior Light Time*
      - *Power Window Down Operation After Ignition Off*
      - *Remote Engine Starter Answer Back*
      - *Turn Signal Operation*
    - *Customisation Reset*
  - Supported models include:
    - ASX petrol and diesel
    - Challenger KH/PB/PC
    - Lancer CJ/CF (inc. Ralliart and Evolution)
    - Mirage LA
    - Outlander ZH/ZJ/ZK petrol and diesel
    - Pajero NS/NT/NW/NX petrol and diesel
    - Pajero Sport QE
    - Triton ML/MN/MQ petrol and diesel

### Nissan

#### Added Functionality for Existing Systems:

- **Navara D23 2.3L-DT, 2.3L-DTT and 2.5L (2015 – 2016):**
  - Body Control Module: special functions – *User Customisation: Change BCM settings to suit user preferences, e.g.:*
    - Auto Headlight Sensitivity
    - Automatic Door Locks
    - Interior Light Delay
    - Wiper Speed Setting
  
- **Pathfinder R52 2.5L-H and 3.5L (2017):**
  - Auto Back Door: special function - *Reset Auto Back Door Status. This function is required after replacing parts fitted to the auto back door, including hinges, striker or spindle unit.*
  
- **Pathfinder R52 2.5L-H and 3.5L (2017):**
  
- **Pulsar B17 Sedan 1.6L-T and 1.8L (2013 – 2017):**
  - Body Control Module: special functions – *User Customisation: Change BCM settings to suit user preferences, e.g.:*
    - Auto Headlight Sensitivity
    - Automatic Door Locks
    - Interior Light Delay
    - Wiper Speed Setting
  
- **Pathfinder R52 2.5L-H and 3.5L (2013 - 2016):**
  - Tyre Pressure Monitor: special function – *Tyre Pressure Sensor ID Registration. (Tyre pressure sensor activation tool is required to complete this function). Function is required after sensor replacement or tyre rotation.*
  
- **Patrol Y62 5.6L (2012 - 2017):**
  - Tyre Pressure Monitor: special function – *Tyre Pressure Sensor ID Registration. (Tyre pressure sensor activation tool is required to complete this function). Function is required after sensor replacement or tyre rotation.*
  
- **X-Trail T32 2.0L-DT M9R (2017):**
  - Engine: additional special functions added for 18.4
    - Alternator Setpoint Voltage
    - Clutch Pedal End Stroke
    - Fuel Supply Prevention
    - High Pressure Turbine Bypass Solenoid Valve
    - NOX Trap
    - Programmed Values

### Ssangyong

- One Touch Code Scan and Clear All Codes extended to the 2018 model year!

#### **New Models Added:**

- **Rexton G4 2.0L and 2.2L-DT (2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module, Smart Key Module (SKM), Speed Sensing Power Steering (SSPS), Tyre Pressure Monitor, Trans Gear Shift Lever (TGS-Lever) and Transfer Case Control Unit (TCCU)
  - Coverage Highlights:
    - *Diesel engine coverage supports code functions, data, functional tests and special functions. May include the following:*
      - Output controls – EGR Valve, Relays, Indicators, Glow Plugs, Injector, Throttle, VGT Turbo etc.
      - DPF Regeneration
      - Injector Coding
      - Rail Pressure Control

#### **Models Updated to 2018:**

- Actyon Sports II, Chairman W, Korando, Rexton W, Stavic/Rodius II and Tivoli

### Suzuki

- One Touch Code Scan and Clear All Codes extended to the 2018 model year!

#### **New Models Added:**

- **Ignis MF 1.2L (2017 – 2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module (with/without Auto AC), Combination Meter, Electronic Power Steering, Headlight Auto Levelling System and Lighting and Turn Signal
  - Coverage Highlights:
    - *Engine coverage includes code functions, data and functional tests*
    - *Transmission support includes special function – Learning Value Initialisation*
    - *Antilock Brake support includes code functions, data and special functions:*
      - Hydraulic Control Test
      - ESP Function Setting (Enable/Disable)
      - Sensor Calibration
    - *Body Control Module includes support for model variants with and without Auto A/C. Includes code functions, data, functional tests and Configuration special function. Supported tests vary between models but may include:*
      - Coming / Leaving Home Light
      - Daytime Running Light Enable
      - Door Unlock (1 Action/2 Action)
      - Keyless Start System
      - Remote Controller Battery Warning
      - Remote Controller Area Warning
      - Turn Signal Light
    - *Headlight Auto Levelling includes functional test and special function – Height Sensor Initial Setting*

## Suzuki (continued)

### **New Models Added (continued):**

- **Swift AZ 1.0L-T, 1.2L and 1.4L-T (Sport) (2017 – 2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module (with/without Auto AC), Combination Meter, Electronic Power Steering, Headlight Auto Levelling System, Lighting and Turn Signal and Radar Brake Support / Adaptive Cruise Control
  - Coverage Highlights:
    - *Engine coverage includes code functions, data and functional tests*
    - *1.2L Transmission support includes special function – Learning Value Initialisation*
    - *1.0L-T and 1.4L-T Transmission coverage includes code functions, data and special functions:*
      - *A/T Learn Initialise*
      - *Neutral Position Calibration*
    - *Antilock Brake support includes code functions, data and special functions:*
      - *Hydraulic Control Test*
      - *ESP Function Setting (Enable/Disable)*
      - *Sensor Calibration*
    - *Body Control Module includes support for model variants with and without Auto A/C. Includes code functions, data, functional tests and Configuration special function. Supported tests vary between models but may include:*
      - *Answer Back (Outside Buzzer)*
      - *Daytime Running Light Enable*
      - *Door Unlock (1 Action/2 Action)*
      - *High Beam Assist*
      - *Keyless Start System*
      - *Remote Controller Battery Warning*
      - *Remote Controller Area Warning*
      - *Turn Signal Light*
    - *Headlight Auto Levelling includes functional test and special function – Height Sensor Initial Setting*

### **Models Updated to 2018:**

- **APV, Baleno, Grand Vitara, Jimny, S-Cross and Vitara**

### **New Systems Added:**

- **Baleno EW 1.0L-T and 1.4L (2016 – 2018):**
  - Body Control Module (with/without Auto A/C): 18.4 update now adds coverage for module with and without integrated Auto A/C within the BCM. Includes code functions, data, functional tests and Configuration special function. Supported tests vary between models but may include:
    - *Coming / Leaving Home Light*
    - *Daytime Running Light Enable*
    - *Door Unlock (1 Action/2 Action)*
    - *Keyless Start System*
    - *Remote Controller Battery Warning*
    - *Remote Controller Area Warning*
    - *Turn Signal Light*
  - Lighting and Turn Signal: code functions and data

## Toyota

- **One Touch Code Scan and Clear All Codes extended to the 2018 model year!**

### **New Models Added:**

- **Camry 2.5L and 3.5L (2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Automatic Headlamp Levelling System (main and sub), Accessory Gateway, Body Control Module, Blind Spot Monitor (master and slave), Cruise Control, Central Gateway, Crash Prediction 2, Clearance Sonar, Door Motors, Electric Motor Power Steering, Front Recognition Camera, Heating and Air Conditioning (HVAC), Head Up Display, Instrument Panel Cluster, Lane Keeping Assist/ Lane Departure Alert, Mirror Modules, Master Switch Module, Navigation System, Parking Assist Camera, Power Source Control, Panoramic View Monitor, Radar Cruise, Remote Engine Starter, Rain Sensor, Road Sign Assist, Steering Column Module, Starting Control, Smart Key Access, Seat Module (Driver), Sliding Roof, Sliding Sunshade, Telematics, Tyre Pressure Monitor and Wiper
  - **Coverage Highlights:**
    - *Up to 44 systems supported!!*
    - *Engine coverage includes code functions, data, functional tests and special functions*
    - *Transmission coverage includes code functions, data, functional tests and special functions, including:*
      - *A/T Compensation Code Read and Write*
      - *Reset Memory*
    - *ABS coverage includes code functions, data, functional tests and special functions, including:*
      - *Reset Memory*
      - *Test Mode*
    - *Body Control Module supports code functions, data, functional tests and Customise Setting special function. Available options vary from model to model, but may include:*
      - *Auto Lock Time*
      - *Hazard Answer Back*
      - *Lighting customisation functions*
      - *Power Window customisation functions*
      - *Security System customisation functions*
      - *Trunk Lid Operation*
    - *HVAC supports code functions, data, functional tests and special functions, including:*
      - *Servo Motor Initialisation*
      - *Customisation functions*
    - *Automatic Headlamp Levelling includes special function – Height Sensor Initialisation*
    - *Driver Door Module supports special functions, where supported by vehicle:*
      - *Customisation – adjust setting to suit user preferences*
      - *Memory Reset*
    - *Electric Power Steering includes special functions (if supported by vehicle):*
      - *Abnormal Operation History*
      - *Torque Sensor Adjust*
    - *Park Assist (Clearance Sonar) includes customise settings (if supported by the individual vehicle)*
    - *Rain Sensor includes customise settings (if supported by the individual vehicle)*
    - *Sliding Roof includes customise settings (if supported by the individual vehicle)*
    - *Smart Key includes customise settings (if supported by the individual vehicle)*



## Toyota (continued)

### New Models Added (continued):

- **Camry 2.5L-Hybrid (2018):**
  - Engine, Hybrid Control, Antilock Brakes, Airbag, Automatic Headlamp Levelling System (main and sub), Accessory Gateway, Body Control Module, Blind Spot Monitor (master and slave), Cruise Control, Central Gateway, Crash Prediction 2, Clearance Sonar, Door Motors, Electric Motor Power Steering, Electric Parking Brake, Front Recognition Camera, Grill Shutter, Heating and Air Conditioning (HVAC), Head Up Display, Instrument Panel Cluster, Lane Keeping Assist/ Lane Departure Alert, Mirror Modules, Master Switch Module, Motor Generator, Navigation System, Parking Assist Camera, Power Source Control, Panoramic View Monitor, Radar Cruise, Remote Engine Starter, Rain Sensor, Steering Column Module, Smart Key Access, Seat Module (Driver), Sliding Roof, Sliding Sunshade, Theft Deterrent, Tyre Pressure Monitor and Wiper
  - Coverage Highlights:
    - *Up to 44 systems supported!!*
    - *Engine coverage includes code functions, data, functional tests and special functions*
    - *Hybrid Control Module includes code functions, data, functional tests and Routine Tests, including:*
      - *Compression Test*
      - *Hybrid Battery Charge*
      - *Control the Motor/Generator Cooling Pump*
      - *Control The Transmission Oil Pump*
    - *Hybrid ABS coverage includes code functions, data, functional tests and special functions, including:*
      - *Linear Valve Calibration*
      - *Reset Memory*
      - *Test Mode*
    - *Electric Parking Brake includes code functions, data and functional tests*
    - *Grill Shutter fitted to Hybrid Models – supports code functions, data and functional tests*
    - *Hybrid model HVAC supports code functions, data, functional tests and special functions, including:*
      - *Servo Motor Initialisation*
      - *Customisation functions*
    - *Electric Power Steering includes special functions (if supported by vehicle):*
      - *Abnormal Operation History*
      - *Torque Sensor Adjust*
    - *Motor Generator Coverage includes code functions and data*
    - *Theft Deterrent system coverage includes customise settings*
    - *Extensive body, safety and comfort system coverage, as per Camry 2.5L and 3.5L 2018 models outlined on the previous page*

## Toyota (continued)

### **New Models Added (continued):**

- **Prius C 1.5L-Hybrid (2018):**
  - Engine, Hybrid Control, Antilock Brakes, Airbag, Automatic Headlamp Levelling System, Body Control Module, Cruise Control, Central Gateway, Door Motor (Driver), Electric Motor Power Steering, Front Camera, Heating and Air Conditioning (HVAC), Immobilizer, Instrument Panel Cluster, Navigation System, Power Source Control, Remote Engine Starter, Smart Key Access, Sliding Roof, Theft Deterrent, Tyre Pressure Monitor and Vehicle Proximity System
  - Coverage Highlights:
    - *Engine coverage supports code functions, data and functional tests*
    - *Hybrid Control Module includes code functions, data, functional tests and Routine Tests, including:*
      - *HV Cranking Request*
      - *Inspection Mode 1 – 2WD*
      - *Inspection Mode 2 – 2WD Chassis Dyno*
      - *Forcible Stop of Inverter Drive*
    - *Hybrid ABS coverage includes code functions, data, functional tests and special functions, including:*
      - *Brake Bleeding*
      - *Linear Valve Calibration*
      - *Reset Memory*
      - *Test Mode*
    - *Central Gateway system supports system Initialisation- This needs to be performed if an ECU is permanently removed from the communication bus.*
    - *Driver Door Module supports special functions, where supported by vehicle:*
      - *Customisation – adjust setting to suit user preferences*
      - *Memory Reset*
    - *Front Camera System supports calibration functions (requires use of Toyota target boards)*
    - *Instrument Cluster supports functional tests and Customise Settings special functions*
    - *Sliding Roof includes customise settings (if supported by the individual vehicle)*
    - *Smart Key includes customise settings (if supported by the individual vehicle)*
    - *New Vehicle Proximity Notification System Coverage – includes code functions, data, functional tests and Customise Settings special functions*

### **Models Updated to 2018:**

- **86, C-HR, Coaster, Corolla, Corolla Hybrid, Fortuner, Hiace, Hilux, Kluger, Land Cruiser 70, Land Cruiser 200, Prado, Prius, Prius C, Prius V, RAV4, Tarago and Yaris**

## Toyota (continued)

### New Systems Added:

- **C-HR 1.2L-T (2017 – 2018):**
  - Auto Headlamp Levelling System: code functions, data, functional tests and special functions:
    - *Height Sensor Initialisation*
    - *Vehicle Information Sync*
  - Cruise Control: code functions and data
  - Front Recognition Camera: code functions, data and functional tests
  - Four Wheel Drive: code functions, data and functional tests
  - Navigation System: code functions, data and system tests
  - Radar Cruise: code functions, data and functional tests
  - Road Sign Assist: code functions, data and functional tests
  - Starting Control: code functions, data and functional tests
  - Stop Start: code functions, data, functional tests and special functions, including (where supported by the individual vehicle):
    - *Deceleration Sensor Zero Point Calibration and Clear functions*
    - *CVT Oil Pump Air Bleeding*
    - *Integrated Current Value Initialisation – this function is required after charging the vehicle battery*
    - *Reset Air Condition Information*
    - *Starter Exchange – this function must be performed after changing the engine starter motor*
  - Telematics – code functions and data
  - Theft Deterrent – data, functional tests and special function:
    - *Customise Settings. Adjust settings to suit user preferences*
  - Tyre Pressure Monitor – code functions, data and special function:
    - *Tyre ID Registration - Function is required after sensor replacement or tyre rotation.*
  
- **Corolla ZRE172 Sedan / ZRE182 Hatch 1.8L (2016 – 2018):**
  - Adaptive Front Lighting System: code functions, data, functional tests and special function - *Height Sensor Initialisation*
  
- **Corolla Hybrid Hatch 1.8L-H (2016 – 2018):**
  - Adaptive Front Lighting System: code functions, data, functional tests and special function - *Height Sensor Initialisation*
  
- **Kluger 2WD/4WD 3.5L (2017 – 2018):**
  - Central Gateway: code functions, data and special function:
    - *Initialisation - This needs to be performed if an ECU is permanently removed from the communication bus.*
  - Front Recognition Camera (2018 only): code functions, data and functional tests
  - Immobiliser: code functions, data and functional tests
  - Master Switch Module: code functions and data
  - Radar Cruise 2 (2018 only): code functions, data and functional tests
  
- **Kluger 2WD/4WD 3.5L (2014 – 2016):**
  - Immobiliser: code functions, data and functional tests
  - Master Switch Module: code functions and data
  
- **Land Cruiser 200 4.5L-DT and 4.6L (2015 – 2018):**
  - Front Recognition Camera: code functions, data and functional tests

## Toyota (continued)

### New Systems Added (continued):

- **RAV4 2.0L, 2.2L-DT and 2.5L (2018):**
  - Central Gateway: code functions, data and special function - *Initialisation*
  - Front Recognition Camera: code functions, data and functional tests
  - Immobiliser: code functions, data and functional tests
  - Radar Cruise 2: code functions, data and functional tests
- **RAV4 2.0L, 2.2L-DT and 2.5L (2013 – 2017):**
  - Immobiliser: code functions, data and functional tests

### Added Functionality for Existing Systems:

- **Clearance Sonar System (Park Assist) - many popular models (2013 – 2018):**
  - Customise Setting special function now supported on vehicles that support this feature. Available options vary model to model, but may include:
    - *Display settings*
    - *Sensor range or sensitivity adjustments*
    - *Volume Adjustments*
  - Popular models – Camry, C-HR, Kluger, Land Cruiser 200, Prado, RAV4, Tarago
- **Door Modules (Driver/Passenger) – many popular models (2006 – 2018)**
  - Extended coverage applied to many existing models. Coverage can vary between individual vehicle build and spec, but may include the following:
    - *System Test – Reset Memory*
    - *Customise Settings – adjust saved settings to suit user preferences*
  - Popular models – Aurion, Camry, Corolla, C-HR, Kluger, Land Cruiser 200, Prado, Prius, RAV4, Tarago, Yaris
- **Power Source System - many popular models (2013 – 2018):**
  - Functional Test (for supported models): *Auto Power Off Cancel*. *This function disables the Auto Power Off function of the vehicle before starting an operation that requires a constant power supply for a period of time.*
  - Popular models – Camry, Corolla, C-HR, Kluger, Land Cruiser 200, Prado, RAV4
- **Smart Key System - many popular models (2013 – 2018):**
  - Customise Setting special function now supported on vehicles that support this feature. May include settings such as the following:
    - *Horn, Buzzer or Chime Alert Settings*
    - *Lock and Unlock Mode settings*
    - *Time settings*
  - Popular models – 86, Camry, Corolla, C-HR, Hilux, Kluger, Land Cruiser, Prado, RAV4
- **C-HR 1.2L-T (2017 – 2018):**
  - Electric Power Steering: special function – *Torque Sensor Adjust*
- **Corolla ZRE172 Sedan / ZRE182 Hatch 1.8L (2013 – 2015):**
  - Instrument Cluster: special function – *Customise Settings*. *Adjust settings to suit user preferences. Available options vary model to model, but may include:*
    - *Individual Warnings (activation / deactivation)*
    - *Lane Change setting*
    - *Volume Adjustments*

## European Manufacturers New for 18.4

### **AFL – Alfa Romeo-Fiat-Lancia**

#### **New Models Added:**

- **Alfa Romeo Stelvio 2.0L-T, 2.2L-DT and 2.9L Bi Turbo (2018):**
  - Extensive systems coverage. Systems include:
  - Adaptive Cruise Control, Airbag, Antilock Brakes, Body Computer, Electronic Shifter, Entertainment Telematics Module, Heating Ventilation and A/C, Instrument Panel, Radio Frequency Hub and Transmission
    - *2.0L 16V Turbo MPI engine - special functions include:*
      - *Deactivation of Power Limit Function*
      - *Intelligent Alternator Replacement*
      - *Motorised Throttle Replacement*
      - *Oil Change*
      - *Oil Level Sensor Replacement*
      - *Phase Front Reset*
      - *Phonic Wheel Learning*
      - *Supercharging System Components Replacement*
    - *2.2L 16V Turbo TDI engine - special functions include:*
      - *Fan cooling activation*
      - *Injector programming*
      - *Intelligent Alternator Replacement*
      - *Oil Change*
      - *Particle Filter Regeneration*

#### **Model Year Update to 2017**

#### **New Systems Added:**

- **CNG, LPG and natural gas PIDS with codes, data and actuator tests added to:**
  - 500
  - 500X
  - Panda
  - Grande Punto
  - Doblo
  - Fiorino
- **Transmission system for Tipo:** code functions, data and functional tests

#### **Added Functionality for Existing Systems:**

- **Special functions added to the Lancia Voyager 2.8L diesel engine**
  - Special functions include:
    - *DPF Regeneration*
    - *Fuel Mean Value Adaption Initialisation*
    - *Lambda Sensor Initialisation*
    - *Injector Coding*
    - *Oil Light Change Reset*

## BMW and Mini

### New Models Added:

- **5-Series (G30/G31) with 7 engine variants**
- **6-Series GT (G32) with 4 engine variants**
- **Systems include:**
  - Active Cruise Control, Airbag, Air Conditioning, All Around Vision Camera, Antilock Brakes, Automatic Luggage Compartment, Body Domain Controller, Camera Based Driver Support System, Car Information Computer/Radio, Central Gateway Module, Controller, Electromechanical Power Steering, Front Headlight Electronics – left/right, Gear Selector Switch, Head Unit, High-beam Assistant, Instrument Panel, Lane Change Warning, Light Effect Manager, Parking Manoeuvre Assistant, Rear Seat Entertainment System, Roof Function Centre, Seat Module Driver, Seat Module Passenger, Selective Catalyst Reduction, Telematics Communication Box, Top HIFI Amplifier, Transfer Box, Transmission, Video Module, Virtual Dynamics Platform and Wheel Alignment

### Model Year Update to 2017

### New Systems Added:

- **ADAS COVERAGE: All Around Vision Camera variant added to:**
  - 1-Series (F20)
  - 2-Series (F22)
  - 3-Series (F30)
  - 3-Series GT (F34)
  - 4-Series (F32)
  - 5-Series (F10/F11)
  - 5-Series GT (F07)
  - 6-Series (F12/F13)
  - 6-Series GC (F06)
  - 7-Series (F01/F02)
  - I-Series (i01)
  - I-Series (i12)
  - X1 (F48)
  - X3 (F25)
  - X4 (F26)
  - X5 (F15)
  - X6 (F16/F86)
- **Active Steering System added to:**
  - X3 (F25)
  - X4 (F26)
  - X5 (F15)
  - X6 (F16/F86)
- **Antitheft Alarm System added to:**
  - 3-Series (E90/E91)
  - 5-Series (E60/E61)

## BMW and Mini (continued)

### New Systems Added (continued):

- **Central Gateway Module system added to:**
  - 1-Series (F20)
  - 2-Series (F22)
  - 3-Series (F30)
  - 3-Series GT (F34)
  - 4-Series (F32)
  - 7-Series (G11/G12)
  - I-Series (i01)
  - I-Series (i12)
  - X1 (F48)
  
- **3 new systems added for the 7-Series (G11/G12):**
  - Car Information Computer/Radio System
  - Virtual Dynamics Platform System
  - Video module
  
- **Extended coverage on the user interface /radio system for:**
  - 1-Series (E8x)
  - 3-Series (E9x)
  - 5-Series (E6x)
  - 6-Series (E6x)
  - 7-Series (E6x)
  - X1 (E84)
  - X5 (E70)
  - X6 (E71)
  - X6 (E72)
  - Z4 (E89)

## Ford – European

### Added Functionality for Existing Systems:

- **Service Reset added to:**
  - Transit Custom (2016-2017)
  - Kuga (2013-2017)
  - Ranger (2015-2017)
  - Transit (2016-2017)
  
- **Trailer Tow Configuration special function added to:**
  - Kuga (2013-2017)
  - Focus (2011-2014)
  - Focus (2014-2017)
  - Ranger (2016-2017)
  - Courier (2015-2017)
  
- **Audio tones test special function added to:**
  - Kuga (2013-2017)
  - Transit Connect (2014-2017)

## Ford – European (continued)

### Added Functionality for Existing Systems (continued):

- **Beltminder enable/disable and Headlamp Alignment Relearn added to the Kuga (2008-2013)**
- **Audio Speaker Walkaround test added to the Transit Connect (2014-2017)**
- **Antilock Brake special function added to the Kuga (2017)**
- **Clear Crash Data special function added to:**
  - Fiesta (2012-2017)
  - Kuga (2013-2017)
  - Transit (2014-2017)
  - Transit Custom (2012-2017)
  - Focus (2011-2014)
  - C-Max (2010-2015)
  - Transit Connect (2014-2017)
  - B-Max (2013-2017)
  - Ecosport (2014-2017)
  - Courier (2017-2017)
- **Crash Data Reset special function added to:**
  - Kuga (2013-2017)
  - Focus (2011-2014)
  - C-Max (2011-2014)
  - Focus (2014-2017)
  - Connect (2014-2017)
  - Galaxy (2007-2015)
  - S-Max (2007-2015)
  - Mondeo (2007-2015)
- **Passenger Airbag Activation/Deactivation Switch special function added to the Fiesta (2008-2012 and 2012-2017)**

## Jaguar

### New Systems Added:

- **Keyless Vehicle Module and occupant classification system with codes and data added to:**
  - XK (X150)
  - F-Type (X152)
  - XF (X250)
  - XF (X260)
  - XJ (X351 Pre-Facelift)
  - XJ (X351 Facelift)
  - XE (X760)
  - F-Pace (X761)
- **Folding top control modules with codes, data and actuator tests added to the XK (X150) and F-Type (X152)**



## Jaguar (continued)

### New Systems Added (continued):

- **Transfer Case Control Module with codes data and special functions added to:**
  - F-Type (X152)
  - XF (X250)
  - XF (X260)
  - XJ (X351 Pre-Facelift)
  - XJ (X351 Facelift)
  - XE (X760)
  - F-Pace (X761)
  
- **Integrated Control Panels Module with codes and data added to:**
  - F-Pace (X761)
  - XE (X760)
  - F-Type (X152)
  - XJ (X351 Pre-Facelift)
  - XJ (X351 Facelift)
  - XF (X260)
  - XK (X150)
  - XF (X250)
  - XF (X250)
  
- **HVAC and Rear HVAC Module with codes, data and actuator tests for the XJ (X350)**

## Land Rover and Range Rover

### Model Year Update to 2017

- **New engines added for the Discovery (L462) (2017)**
  - 2.0L I4 diesel
  - 3.0L V6 diesel
  - 3.0L V6 petrol
  
- **New engines added for the Range Rover (L405) (2017)**
  - 3.0L V6 diesel
  - 3.0L V6 diesel hybrid
  - 3.0L V6 petrol
  - 4.4L V8 diesel
  - 5.0L V8 petrol
  
- **New engines added for the Range Rover (L405) (2017)**
  - 2.0L I4 diesel
  - 3.0L V6 diesel
  - 3.0L V6 diesel hybrid
  - 3.0L V6 petrol
  - 4.4L V8 diesel
  - 5.0L V8 petrol

### Mercedes Benz

#### New Systems Added:

- **New Telematics: E-call, Audio or Command System with codes, data and special functions.**
  - Special functions include: Transfer VIN to control unit, control unit reset, reset operating condition and restoration of initial authorisation certificate
  - Coverage added for:
    - A-Class 176
    - B-Class 246
    - C-Class 204/205
    - E-Class 213
    - S-Class 222
    - S-Coupe 217
    - CLA 117
    - ML
    - GL
    - GLE
    - GLS 166
    - 292
    - SL 231
    - SLK
    - SLC 172
    - GLC 253
    - GLA 156
- **Tyre Pressure Monitor system with codes, data, actuator tests and special functions added to the Vito 447 and the Citan 415**
- **SAM Module added for the Vito 447 with codes, data and actuator tests**
- **USM Module added for the Citan 415 with codes, data and actuator tests**
- **NOx Sensor Relearn special function added to the ML 166**
- **Brake Bleed Procedure special function added to the E-class 211**

### Opel - Vauxhall

#### New Models Added:

- **2 NEW MODELS: Added with extensive systems coverage and ADAS content**
  - Ampera-E (2017) all electric
  - Crossland X (2017) engines: 1.2L petrol engine (LEG), 1.2L petrol engine (LES), 1.2L petrol engine (LEZ), 1.6L diesel engine (LDI) and 1.6L diesel engine (LEK)
  - ADAS content includes: Camera system front-view calibration and parking assist sensor relearn

#### Model Year Update to 2017

## Opel – Vauxhall (continued)

### New Systems Added:

- **Parking Brake Module:**
  - Codes, data and special functions including:
    - *Parking Brake Cable Replacement*
    - *Service Apply*
    - *Service Release*
    - *Calibration*
  - Coverage added for:
    - Antara (2011-2017)
    - Meriva B (2014-2017)
- **New engines added to existing models including:**
  - 2017 Astra K 1.4L petrol engine (LFE)
  - 2017 Mokka 1.4L petrol engine (LE2)
  - 1.6L diesel engine (LWV)
- **Transmission system for the Movano B:** codes and data

### Added Functionality for Existing Systems:

- **Special functions for the radio system added for the Vivaro B (2014-2017)**

## Porsche

### New Systems Added:

- **New systems added to the Cayenne (2005-2010)**
  - Codes, data, testing and relearns (where applicable):
    - TV Tuner
    - External Amplifier
    - Navigation
    - CD Auto Changer
    - Telephone
- **Systems added to 2015-2017 Macan**
  - codes, data, testing and relearns (where applicable):
    - Sound Symposer
    - Sports Exhaust

### Added Functionality for Existing Systems:

- **AM Field Strength special function added to the Cayenne (92A), Panamera, Macan and PCM Systems**
- **New ECU coding function to all Boxster (987) (2005-2013) and 911 (997) cornering light system**

### Porsche (continued)

#### Added Functionality for Existing Systems (continued):

- **Special functions added**
  - Special functions include:
    - *Battery Change*
    - *Set Total Mileage*
    - *Calibrate Fuel Level Sensor Display Warning Event Memory/clear*
    - *Servo Motor Teaching function*
  - Coverage added for:
    - Cayenne (92A)
    - Macan
    - Panamera (Excluding battery change)
    - Boxster (981)
    - Boxster (982)
    - 911 Gateway System (Battery change only)
    - 911 Air Condition System (Servo motor teaching only)

### PSA Citroen and Peugeot

#### New Systems Added:

- **Sunroof system added C3 Pluriel & C3 Pluriel Restyle:** Codes, data and actuator test
- **7 new BSI systems added across various models including the Partner, DS4, DS4, 208, 308 and 1007**

#### Added Functionality for Existing Systems:

- **New engine programming and replacement special functions:**
  - Special functions include:
    - *Programming: The EGR valve stops / the air mixer stops and the stops of the turbocharger*
    - *Cleaning: The EGR valve and cleaning and the EGR exchanger bypass*
    - *Degassing of the engine cooling circuit*
    - *Temporary reactivation of the start stop function*
    - *Replacement: The high pressure pump, the low pressure fuel pump and of the fuel filter or of the pipes, the fuel flow regulator, the high pressure rail, the EGR or of the EGR exchange bypass, the air mixer, the turbo charger, the cylinder block, the cylinder head with the air flow sensor, the exhaust manifold, the engine flywheel, the battery, starter motor, the clutch-clutch bearing or clutch pedal, the flowmeter, replacement of the engine block without the air flow sensor, the engine block with the air flow sensor, the camshaft sensor and the ancillary drive belt*
  - Coverage added for:
    - 1.6L EU6 engine EDC17XXX\*1
    - 2.0L EU6 engine DCM6.2 & DCM6.2F\*1
    - 1.6L EU6 engine SID 807\*1
    - 2.2L EU5 engine SID 208\*1

\*1List shows all new special functions. Note: not all special functions will be applicable to the engines listed

### PSA Citroen and Peugeot (continued)

#### Added Functionality for Existing Systems (continued):

- Citroën C4 Picasso air suspension special function added allowing the enabling/disabling of air suspension through BSI configuration
- Replacement of EGR valve special function added for the Relay 3 /Boxer 3 2.2L EU5 engine SID 208
- Calibrate the torque sensor for electric power steering and the yaw rate angle sensor on:
  - C1
  - 107
  - 108

### Renault

#### New Models Added:

- **2 NEW MODELS:** Added with extensive systems coverage, codes, data, actuator tests and special functions
  - Alaskan 2.3L-DT
  - Koleos 1.6L petrol (M5M), 1.6L-DT (R9M) and 2.0L-DT (M9R)

#### Model Year Update to 2017

#### New Systems Added:

- **New systems:** codes, data and special functions added to:
  - Captur Clio IV 0.9L petrol
  - Special functions include:
    - *Airbag lock/unlock function*
    - *Climate Control Computer/Flap Reset*
    - *Engine Reset Adaptions*
    - *Instrument Cluster Language/Unit Configuration*
    - *Park Distance Control Enable/Disable for Towing*
    - *Program TPMS Add/Allocate Valve*
    - *Radio Language/Unit Configuration*
    - *Richness Regulation Programming*
    - *Steering Angle Calibration*
    - *Switching Protection Unit Protection Reset*
    - *Wastegate Regulation Reset*
- **New systems:** codes, data and special functions added to:
  - Espace V Talisman
  - Special functions include:
    - *Park Distance Control Enable/Disable for Towing*
    - *Rear Brake Pad Replacement Service Mode*
    - *Switching Protection Unit Enable/Disable for Towing*
- **New 2018 Koleos EDC16 C3 vdiag-04 engine added with DPF reset**

### VAG - Volkswagen-Audi-Seat-Skoda

#### New Models Added:

- **NEW MODEL: New Crafter (Vin SY/SZ) added with extensive coverage including substantial ADAS content**
  - ADAS coverage includes:
    - Adaptive Cruise Control Calibration
    - Lane Assist Actuator tests
    - Back-up Camera
    - Parking Help Actuator Tests
    - Front Sensor Driver Assistance System

#### New Systems Added:

- **New engines added:**
  - 7 engine variants for Skoda Fabia (5J)
  - 6 engine variants for Skoda Superb (3T,NP)
  - 5 engine variants for Skoda Octavia (1Z,5E,NE)
  - 5 engine variants for Skoda Rapid (NH)
  - 4 engine variants for Skoda Yeti (5L)
  - Engine variant for Skoda Roomster (5J)
  - Engine variant for VW Sharan
  - 14 engine variants for Seat Ibiza (6J)
  - 22 engine variants for Seat Leon (1P,5F)
  - 10 engine variants for Seat Toledo (NH,KG)
  - 10 engine variants for Seat Alhambra (71,7N)
  - Engine variant for Seat Altea (5P)

#### Added Functionality for Existing Systems:

- Engine flash tampering check function for the Cayc 1.6 TDI-CR

### Volvo

#### Model Year Update to 2017

#### New Systems Added:

- **New D416T engine added, applicable for the S80 and V70 with special functions including:**
  - DPF Regeneration
  - Resetting Counter Particulate Filter

**USA Manufacturers begin on next page**

## USA Manufacturers

### USA Manufacturers 18.4 Highlights:

- Hyundai<sup>®</sup> Smart Key Coding
- Ford<sup>®</sup> Electronic Power Steering
- Ford<sup>®</sup> 2018 Model Year Update
- Infiniti<sup>®</sup> 2018 Model Year Update
- Jeep<sup>®</sup> Renegade ABS & Electronic Parking Brake
- So much more!

## Chrysler / Dodge / Jeep

### New Systems Added:

- **Electronic Booster Gauge for 2008 and newer applicable vehicles:**
  - Codes, data and routines
- **Rear Drive module for 2014 and newer applicable vehicles:**
  - Codes, data, functional tests and special functions
- **2006 and newer applicable vehicles:**
  - **Trailer Module:** codes, data, and functional tests
  - **Police Taxi Interface Module (PTIM):** codes, data, functional tests and special functions
- **Variable Geometry Turbo for 2013 and newer, applicable vehicles:**
  - Codes, data, functional tests and special functions
- **Power Transfer Unit for 2014 and newer, applicable vehicles:**
  - Codes, data, functional tests and special functions

### Added Functionality for Existing Systems:

- **Jeep Renegade, 2015 and newer:**
  - Transmission system tests for Clear Self Learning Data, N Position Self Learning
  - ABS system tests for EPB Management and Sensor Calibrations
  - Electric Power Steering (EPS) system tests for Steering Angle Sensor
  - Drive Train Control Module (DTCM) system tests for 2WD dyno mode, self-test, Rear Drive Unit and Power Transfer Unit replacements
- **2011 and newer applicable vehicles, Body Control Module systems tests:**
  - Engine Oil Life Save and Restore
  - Display LIN Part Numbers and Serial Numbers
  - Temporary Remote Start Disable and Enable Functions
  - View Last VTA Trigger Cause Data
  - View Remote Start Abort Data
  - View Remote Start Enable Data
  - View Remote Start Inhibit Data

## Ford USA

### New Systems Added:

- **New systems added for Ford models, including:**
  - **Human Machine Interface**
  - **Folding Top**
  - **Head-up Display**
- **2013 and newer (UDS) - codes, data and functional tests (including camera reset/align) for Lane Departure System**

### Added Functionality for Existing Systems:

- **2014 and newer applicable vehicles: Pull Correction Reset Procedure**
- **2014 and newer (UDS): Ride Height calibration**
- **2015 and newer (UDS): Adaptive Front Steering calibration**

## General Motors USA

### Model Year Update to 2018

- **Buick, Cadillac, Chevrolet and GMC – 2018 model year coverage**
  - Chevrolet Includes extensive coverage for popular models:
    - Camaro 6.2L Generation V LT1
    - Silverado 6.6L-DT Duramax

## Infiniti USA

### Model Year Update to 2018

- **2018 Model year coverage for:**
  - Q50, Q60, Q70, QX30, QX50, QX60, QX70 and QX80

## RAM Trucks USA

### Model Year Coverage to 2017

- **RAM Trucks are now officially distributed through a factory authorised importer in Australia. 18.4 coverage supports models to 2017, including extensive coverage for:**
  - 1500 5.7L HEMI
  - 2500 6.7L-DT Cummins
  - 3500 6.7L-DT Cummins



## Australian Component Test Meter\*

- **All new Australian CTM content added for 18.4! Includes new Australian model coverage for 5 makes and 56 different model variants!**
- **New content for models between 2006 and 2017!**
- **4 makes include new coverage for popular Australian diesel models!**

### New CTM Coverage Added:

- **Ford:**
  - Escape ZG 1.5L-T EcoBoost (2016 – 2017): Engine
  - Escape ZG 2.0L-T EcoBoost (2016 – 2017): Engine
  - Escape ZG 2.0L-DT EcoBoost (2016 – 2017): Engine
  - Everest UA 3.2L-DT (2015 – 2017): Engine
  - Fiesta WZ 1.0L-T EcoBoost (2014 – 2017): Engine
  - Fiesta WZ 1.5L (2014 – 2017): Engine
  - Fiesta WZ 1.6L-T EcoBoost (2014 – 2017): Engine
  - Focus LZ 1.5L-T EcoBoost (2017): Engine
  - Mustang FM 2.3L-T EcoBoost (2015 – 2017): Engine
  - Mustang FM 5.0L (2015 – 2017): Engine
  - Ranger PX MKII 2.2L-DT (2015 – 2017): Engine
  - Ranger PX MKII 3.2L-DT (2017): Engine
- **Hyundai:**
  - i30 GD 1.6L-DT (2017): Engine
  - i30 GD 2.0L (2017): Engine
  - i30 GD 1.8L (2017): Engine
  - iLoad 2.4L (2017): Engine
  - iLoad 2.5L-DT (2017): Engine
  - iMax 2.4L (2017): Engine
  - iMax 2.5L-DT (2017): Engine
  - Tucson TL 1.6L-DT (2015 - 2017): Engine
  - Tucson TL 1.6L GDI (2015 - 2017): Engine
  - Tucson TL 2.0L MPI (2015 - 2017): Engine
  - Tucson TL 2.0L GDI (2015 - 2017): Engine
- **Mazda:**
  - BT-50 UR 2.2L-DT (2015 - 2017): Engine
  - BT-50 UR 3.2L-DT (2015 - 2017): Engine
  - BT-50 UP 2.2L-DT (2011 - 2015): Engine
  - BT-50 UP 3.2L-DT (2011 - 2015): Engine
  - CX-3 DK 1.5L-DT SKYACTIV-D (2017): Engine
  - CX-3 DK 2.0L SKYACTIV-G (2017): Engine
  - CX-5 KF 2.0L SKYACTIV-G (2017): Engine
  - CX-5 KF 2.2L-DT SKYACTIV-D (2017): Engine
  - CX-5 KF 2.5L SKYACTIV-G (2017): Engine
  - CX-9 TC 2.5L-T SKYACTIV-G (2017): Engine
  - Mazda 2 DJ 1.5L SKYACTIV-G (2017): Engine
  - Mazda 3 BN 2.0L SKYACTIV-G (2017): Engine
  - Mazda 3 BN 2.5L SKYACTIV-G (2017): Engine
  - Mazda 6 GL 2.2L-DT SKYACTIV-D (2017): Engine
  - Mazda 6 GL 2.5L SKYACTIV-G (2017): Engine
  - MX-5 ND 1.5L SKYACTIV-G (2017): Engine
  - MX-5 ND 2.0L SKYACTIV-G (2017): Engine

## Australian Component Test Meter\* (continued)

### New CTM Coverage Added (continued):

- **Mitsubishi:**
  - Lancer CJ 2.0L (2007 - 2015): Engine
  - Lancer CJ 2.4L (2007 - 2015): Engine
  - Mirage LA (2012 - 2017): Engine
  
- **Toyota:**
  - 86 2.0L (2012 - 2016): Engine
  - Fortuner 2.8L-DT (2015 - 2017): Engine
  - FJ Cruiser 4.0L (2011 - 2016): Engine
  - Hiace 3.0L-DT (dpf) (2016 - 2017): Engine
  - Hiace 3.0L-DT (2006 - 2016): Engine
  - Kluger 3.5L (2010 - 2016): Engine
  - Kluger 3.5L (2007 - 2010): Engine
  - Yaris 1.3L (2017): Engine
  - Yaris 1.5L (2017): Engine

## USA Component Test Meter and Troubleshooter\*

### Enhanced Component Test Meter and Troubleshooter Coverage

- **NEW Safety and Advanced Drivers Assistance Systems (ADAS) Guided Component Test Coverage**
  - **Chrysler, Dodge, Jeep**
  - **Ford**
  - **GM – Buick, Cadillac, Chevrolet, GMC**
  - **US Asian makes**
  - **US European makes**
  
- **New ADAS coverage varies model to model, but can include the following systems:**
  - Adjustable Pedals, Auto Adjusting Headlamps, Automatic Cruise, Blind Spot Warning, Front View Camera, Lane Departure, Park Assist, Rain Sensors, Rear View Camera

### USA Vehicle CTM Makes:

- |                       |                 |
|-----------------------|-----------------|
| ○ Chrysler/Dodge/Jeep | ○ Lexus         |
| ○ Ford                | ○ Mazda         |
| ○ General Motors      | ○ Mercedes Benz |
| ○ Audi                | ○ Mini          |
| ○ BMW                 | ○ Mitsubishi    |
| ○ Honda/Acura         | ○ Nissan        |
| ○ Hyundai             | ○ Subaru        |
| ○ Infiniti            | ○ Suzuki        |
| ○ Jaguar              | ○ Toyota/Scion  |
| ○ Kia                 | ○ Volkswagen    |
| ○ Land Rover          | ○ Volvo         |

<sup>^</sup>European CTM available on VERUS<sup>®</sup> Family, VERDICT<sup>®</sup> and MODIS<sup>®</sup> Family.

<sup>^</sup>European Troubleshooter available on VERUS<sup>®</sup> Family and VERDICT<sup>®</sup>.

<sup>\*</sup>Australian and USA Asian and Domestic Fast-Track Troubleshooter available for VERUS<sup>®</sup>, VERDICT<sup>®</sup>, MODIS<sup>®</sup> and SOLUS<sup>®</sup> Families. Component Tests available on those products with Scope capabilities.

## European Component Test Meter<sup>^</sup> and Troubleshooter<sup>°</sup>

### Enhanced Component Test Meter Coverage:

- **29 makes in total (includes Generic make)**
- **5 NEW case studies added – with 18.4, there are now a total of 20 vehicle specific case studies!**
- **NEW NOx Accumulator Class added**
- **7 New General Test Procedures**
  - Common rail diesel injector testing - Leak off pipe testing
  - Common rail diesel low pressure pump testing - Low pressure pump test
  - Cylinder leakage testing - Leak down test
  - Hydraulic power steering system testing - Pump pressure test
  - Reciprocating piston engine valve timing - Engine timing validation
  - Spark ignition engine fuel injector testing - Injector control circuit testing
  - Spark ignition engine fuel pump testing - Fuel pump testing (spark ignition engine)
- **New vehicle specific CTM coverage for many makes, including:**
  - BMW
  - Citroen
  - Fiat
  - Ford
  - Land Rover
  - Mercedes
  - Porsche
  - Renault

### European Vehicle CTM Makes:

- |              |                 |
|--------------|-----------------|
| ○ Alfa Romeo | ○ Mazda         |
| ○ Audi       | ○ Mercedes      |
| ○ BMW        | ○ Mini          |
| ○ Citroen    | ○ Nissan        |
| ○ Dacia      | ○ Opel/Vauxhall |
| ○ Fiat       | ○ Peugeot       |
| ○ Ford       | ○ Porsche       |
| ○ Honda      | ○ Renault       |
| ○ Hyundai    | ○ Seat          |
| ○ Iveco      | ○ Skoda         |
| ○ Jaguar     | ○ Smart         |
| ○ Kia        | ○ Toyota        |
| ○ Land Rover | ○ Volkswagen    |
| ○ Lexus      | ○ Volvo         |

<sup>^</sup>European CTM available on VERUS<sup>®</sup> Family, VERDICT<sup>®</sup> and MODIS<sup>®</sup> Family.

<sup>°</sup>European Troubleshooter available on VERUS<sup>®</sup> Family and VERDICT<sup>®</sup>.

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