

## **Australian 18.2 Software Release Details**

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### **Australian Manufacturers New for 18.2**

**<< Quick Stats for Australian 18.2 Software >>**

#### **New for 18.2 (from 17.4):**

***CTM Update for 7 Australian makes including popular 24 new models!***

***One Touch Code Scan and Clear All Codes added for an additional Australian make! That makes a total of 12 Australian makes with Code Scan and Clear All Codes Support!***

***Over 671 NEW, EXPANDED or ENHANCED Australian system selections for 18.2!***

***2017 Model year coverage for 16 manufacturers in Australian software!***

***15 Australian manufacturers receive new or updated content in 18.2!***

***Over 22 New Australian models and variants!***

***66 existing models extended to 2017!***

***New or enhanced content for Australian models from 2005 – 2017***

***22 new system type selections across 11 Australian makes!***

### Ford

- **One Touch Code Scan and Clear All Codes extended to the 2017 model year!**

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

- **Escape ZG 1.5L-T EcoBoost, 2.0L-T EcoBoost and 2.0L-DT (2017):**
  - Engine, Transmission, Antilock Brakes, Airbag, Accessory Protocol Interface Module, Audio Control Module, Body Control Module, Cruise Control Module, Door Modules (Driver and Passengers), Front Controls Interface Module, Front Distance Sensing Module, Global Positioning System Module, Headlamp Control Module, Heating Ventilation Air Conditioning, Image Processing Module A, Instrument Panel Control Module, Parking Aid Module, Power Steering Control Module, Rear Gate/Trunk Module, Remote Function Actuator, Side Obstacle Detection (Left and Right), Steering Angle Sensor Module, Tyre Pressure Monitor and Trailer Module
  - **Coverage Highlights:**
    - *Petrol EcoBoost engine coverage includes code functions, data and functional tests*
    - *Diesel engine coverage supports code functions, data, functional tests and special functions, including:*
      - *DPF Static Regeneration*
      - *Injector Programming*
      - *Exhaust Gas Recirculation Valve Learned Values Reset*
      - *Fuel Injector Learned Values Reset*
      - *High Pressure Fuel Pump Learned Values Reset*
    - *Transmission coverage includes code functions, data, functional tests and special functions:*
      - *Clear Transmission Adaptive Tables*
      - *Adaptive Learning functions*
      - *Reset Keep Alive Memory (KAM)*
      - *Transmission Characterisation and Solenoid Identification*
    - *ABS coverage supports code functions, data, functional tests and special functions, including:*
      - *Brake Bleed*
      - *Electronic Park Brake Maintenance Mode*
    - *Body Control Module – Battery Monitoring System Reset special function is supported*
    - *Power Steering Control Module special functions are supported:*
      - *Reset Pull Drift Compensation Data*
      - *Steering Wheel Position Sensor Calibration*
    - *Rear Gate/Trunk support includes special function – Power Liftgate Initialisation*
    - *Tyre Pressure Monitor coverage includes support for TPMS Sensor Training Mode*
    - *Service Interval Reset procedure included*

***Up to 22 systems supported in total for the new 2017 Escape!***

#### **Models Updated to 2017:**

- **Ecosport, Everest, Fiesta WZ, Focus LZ, Mondeo MD, Mustang and Ranger PX MKII**

## Ford (continued)

### New Systems Added:

- **Mondeo MD 2.0L-T EcoBoost and 2.0L-DT (2015-17):**
  - Tyre Pressure Monitor – code functions, data and special functions:
    - *TPMS Sensor Training Mode (with scanner)*
    - *TPMS Sensor Training Mode (without scanner)*
- **Mustang 2.3L-T EcoBoost and 5.0L (2015-17):**
  - Tyre Pressure Monitor – code functions, data and special functions:
    - *TPMS Sensor Training Mode (with scanner)*
    - *TPMS Sensor Training Mode (without scanner)*

### Added Functionality for Existing Systems:

- **Focus LZ 1.5L-T EcoBoost (2015-17):**
  - Powertrain Control Module – Transmission special functions added:
    - *Clear Transmission Adaptive Tables*
    - *Adaptive Learning functions*
    - *Reset Keep Alive Memory (KAM)*
    - *Transmission Characterisation and Solenoid Identification*
- **Mondeo MD 2.0L-T EcoBoost and 2.0L-DT (2015-17):**
  - Antilock Brake Control Module – special functions added:
    - *Brake Bleed*
    - *Electronic Integrated Park Brake Apply and Release Test*
    - *Electronic Integrated Park Brake Apply Enter Maintenance Mode*
    - *Electronic Integrated Park Brake Apply Exit Maintenance Mode*
- **Mustang 2.3L-T EcoBoost (2015-17):**
  - Transmission - special functions added:
    - *Clear Transmission Adaptive Tables*
    - *Adaptive Learning functions*
    - *Reset Keep Alive Memory (KAM)*
    - *Transmission Characterisation and Solenoid Identification*
- **Ranger PX MKII 2.2L-DT (2015-17):**
  - Engine - special functions added:
    - *Diesel Particulate Filter (DPF) Static Regeneration*
    - *DPF Differential Pressure Sensor Learned Values Reset*
    - *DPF Learned Values Reset*
- **Ranger PX MKII 3.2L-DT (2015-17):**
  - Engine:
    - Functional tests added, including:
      - *Air Conditioning Commanded State*
      - *Generator Voltage Desired (V)*
      - *Variable Geometry Turbocharger %*
    - Special functions added, including:
      - *Diesel Particulate Filter (DPF) Static Regeneration*
      - *DPF Differential Pressure Sensor Learned Values Reset*
      - *DPF Learned Values Reset*

### Ford (continued)

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

- **Territory SYII 4.0L-T (2009 to pre 6/2010 models):**
  - Body Control Module – Key Coding and Linking<sup>^</sup>

**The Key Coding function allows for new and existing keys to be programmed in to the BCM. After successful Key Coding, the Parameter Reset function then re-links the BCM and PCM allowing the engine to start. The Parameter Reset function must also be used if a PCM is replaced. Remote Coding is a manual procedure, text for this is provided from within the software.**

#### **Important Notes:**

- A minimum of 2 keys must be present at the time of programming. The second key must not be a cloned duplicate of the first, as is common when purchasing keys from a non-genuine (aftermarket) source, as the vehicle will only count this as one key when programming. Failure to code two keys will leave the vehicle in a no-start condition. Snap-on recommends the use of Genuine Ford replacement keys.
- Do not attempt Key Coding or Parameter Reset functions on Falcon FG models produced from 06/2010 – these vehicles use a different security system and will result in the vehicle being stuck in a no-start condition.
- Always refer to the factory service manual before proceeding with any Key Coding or Parameter Reset functions.

<sup>^</sup>Content only available on keyless platforms - Verus Edge, Verus Pro, Verus (with Wireless kit), Verdict, Modis Edge, Modis Ultra, Solus Edge, Solus Ultra and Ethos Edge

### Fuso

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

- **Canter Euro 5 models – 413/515/615/715/815/918 (2011 - 2017):**
  - Antilock Brakes - Functional Tests, including:
    - *Solenoid Valves*
    - *Electric Motor*
    - *Manual Bleeding*

### Hino

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

- **500 7.7L-DT J08E (2017):**
  - Engine, Antilock Brakes, Airbag, DCU Doser and Immobiliser
  - Coverage Highlights:
    - *Engine coverage includes code functions, data, functional tests and special functions:*
      - *Injector Programming*
      - *Manual Forced Regeneration*
      - *Urea SCR Related Memory Reset*
    - *New DCU Doser coverage supports code functions, data and functional tests*

### Hino (continued)

#### Models Updated to 2017:

- 300 and 500

#### New Hardware for 18.2:

- New Hino adaptor "HA-1" available, recommended for customers using Verus Edge, Modis Edge and Ethos Edge. This connects in between the existing DA-4 cable and the vehicle diagnostic connector to assist with reliable communication with some systems.



### Holden

#### Added Functionality for Existing Systems:

- **Cruze JG 1.8L (2H0) (2009 – 2011):**
  - Engine – new functional tests:
    - *Compression Test*
    - *Cylinder 1 to 4 Ignition Coil outputs*
- **Cruze JH 1.8L (2H0) (2011 – 2013):**
  - Engine – new functional tests:
    - *Compression Test*
    - *Cylinder 1 to 4 Ignition Coil outputs*
    - *Cylinder Power Balance*
- **Radio (GM type IOB base fitted with rearview camera):**
  - New functional test – *Rearview Camera Display*.
    - Supported on these models:
      - Astra K (2016 – 2017)
      - Barina TM (2016 – 2017)
      - Captiva CGII (2016 – 2017)
      - Colorado RG (2016 – 2017)
      - Spark (2016 – 2017)
      - Trailblazer (2016 – 2017)
      - Trax (2016 – 2017)

***This test command's both the camera display and the reverse path indicator lines simulateously***

## Honda

Automatic ID^^ is now supported for many Australian Honda models from 2003 to 2017!

### Saves you time!!

Automatically detects the correct vehicle ID. There is no need to look up vehicle details, simply select Automatic ID and allow the software to identify the correct vehicle details!!

- **One Touch Code Scan and Clear All Codes extended to the 2017 model year!**

^^Requires VIN details to be stored in vehicle ECM/PCM for Auto-ID function to work  
Some models may not be supported by this function

### New Models Added:

- **Civic Hatch FK 1.5L-T and 1.8L (2017):**
  - Engine, Transmission, Antilock Brakes, Airbag, Body Electrical Unit, Auto Light Levelling, CAN Gateway (1.5L-T), Door Locks, Electric Power Steering, Gauges, HVAC/Climate Control, Integrated Driver Support System, Keyless Access Backup Control Unit, Keyless Access Control Unit, Keyless Access Power Control Unit, Keyless Transmitter, Lighting, Parking Sensor, Power Windows, SCS Mode, Seat Heater, Security, Tyre Pressure Monitor & Wiper
  - Coverage Highlights:
    - *Engine coverage supports code functions, data, functional tests and special functions, including:*
      - *Crank (CKP) Pattern Clear and Learn*
      - *All and individual cylinder injector cut tests*
      - *1.5L-T specific output controls such as Electric Wastegate, Direct Injection Fuel Pressure Test, Valve Timing Control and Turbocharger Bypass Control Solenoid Valve*
      - *1.8L specific output controls such as EGR, Intake Manifold Tuning Valve and VTEC tests*
    - *ABS coverage supports code functions, data, functional tests and special functions:*
      - *All Sensor Calibration*
      - *Brake Pad Maintenance Mode*
      - *Deflation Warning System Threshold Writing*
    - *Auto Light Levelling coverage supports code functions, data, functional tests & special function – Sensor Initialisation Position Adjustment*
    - *Electric Power Steering system includes code functions, data and special function support*
    - *Power Window coverage supports code functions, data, functional tests and window resets for all doors*
    - *Tyre Pressure Monitor coverage includes special function support:*
      - *Deflation Warning System Threshold Writing*
      - *System Initialisation instructions*
    - *Service Interval reset instructions for 1.5L-T models are included*

## Honda (continued)

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

- **Civic Hatch FK8 Type-R 2.0L-T (2017):**
  - Engine, Antilock Brakes, Airbag (with pop-up hood), Active Damper System/ Adaptive Damper System, Body Electrical Unit, Auto Light Levelling, CAN Gateway, Door Locks, Electric Power Steering, Gauges, HVAC/Climate Control, Integrated Driver Support System, Keyless Access Backup Control Unit, Keyless Access Control Unit, Keyless Access Power Control Unit, Keyless Transmitter, Lighting, Parking Sensor, Power Windows, SCS Mode, Security, Tyre Pressure Monitor & Wiper
  - Coverage Highlights:
    - *Engine coverage supports code functions, data, functional tests and special functions, including:*
      - *All and individual cylinder injector cut tests*
      - *Idle Stop-Start Counter Clear and Forced Write functions*
      - *Output controls such as Electric Wastegate, Direct Injection Fuel Pressure Test, Valve Timing Control and Turbocharger Bypass Control Solenoid Valve*
    - *ABS coverage supports code functions, data, functional tests and special functions:*
      - *All Sensor Calibration*
      - *Brake Pad Maintenance Mode*
      - *Deflation Warning System Threshold Writing*
    - *New Airbag system support for Type-R models fitted with pop-up hood. Includes code functions, data and special function: Vehicle Level Position Calibration*
    - *New Active Damper System / Adaptive Damper System coverage specific to the Type-R supports code functions and data*
    - *Auto Light Levelling coverage supports code functions, data, functional tests & special function – Sensor Initialisation Position Adjustment*
    - *Electric Power Steering system includes code functions, data and special function support*
    - *Tyre Pressure Monitor coverage includes special function support:*
      - *Deflation Warning System Threshold Writing*
      - *System Initialisation instructions*
    - *Service Interval reset instructions are included*
- **Civic Hatch FN Type-R 2.0L (2007 - 2011):**
  - Engine, Antilock Brakes, Airbag, Body Electrical Unit, Door Locks, Gauges, HVAC/Climate Control, Keyless Transmitter, Lighting, Security & Wiper
  - Coverage Highlights:
    - *Engine coverage supports code functions, data, functional tests and special functions, including:*
      - *Crank (CKP) Pattern Clear and Learn*
      - *All and individual cylinder injector cut tests*
      - *Output controls such as Fuel Pump, Radiator Fan and VTEC tests as supported by the vehicle*
    - *ABS coverage supports code functions, data, functional tests and All Sensor Calibration special function*

## Honda (continued)

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

- **CR-V RW 1.5L-T (2017):**
  - Engine, Transmission, Antilock Brakes, Airbag, Body Electrical Unit, Active Cornering Light, Auto Light Levelling, Blind Spot Information, CAN Gateway, Door Locks, Electric Brake Booster, Electric Power Steering, Gauges, HVAC/Climate Control, Integrated Driver Support System, Keyless Access Backup Control Unit, Keyless Access Control Unit, Keyless Access Power Control Unit, Keyless Transmitter, Lighting, Multi-View Camera System, Parking Sensor, Power Seat/ Power Mirror, Power Tailgate, Power Windows, Real Time AWD, SCS Mode, Seat Heater, Security, Semiconductor Fuse, Tyre Pressure Monitor & Wiper
  - Coverage Highlights:
    - *Engine coverage supports code functions, data, functional tests and special functions, including:*
      - *Crank (CKP) Pattern Clear and Learn*
      - *All and individual cylinder injector cut tests*
      - *Output controls such as Electric Wastegate, Direct Injection Fuel Pressure Test, Valve Timing Control and Electric Wastegate*
    - *ABS coverage supports code functions, data, functional tests and special functions:*
      - *All Sensor Calibration*
      - *Brake Pad Maintenance Mode*
      - *Deflation Warning System Threshold Writing*
    - *Auto Light Levelling coverage supports code functions, data, functional tests & special function – Sensor Initialisation Position Adjustment*
    - *Power Tailgate support includes code functions, data and functional tests*
    - *Power Window coverage supports code functions, data, functional tests and window resets for all doors*
    - *Real Time AWD support includes code functions, data, functional tests and special functions, including:*
      - *Air Bleeding*
      - *Oil Pressure Control Solenoid Test*
      - *Solenoid Test*
      - *Longitudinal G Sensor Learning*
    - *Tyre Pressure Monitor coverage includes special function support:*
      - *Deflation Warning System Threshold Writing*
      - *System Initialisation instructions*

### **Models Updated to 2017:**

- **Accord, City, Civic Sedan, CR-V RM, HR-V, Jazz & Odyssey**

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

- **Auto Light Levelling System**
  - New special function - *Sensor Initialisation Position Adjustment*
  - Supported on a variety of popular models, including:
    - Civic Hatch FK (2017)
    - Civic Sedan FC (2017)
    - CR-V RM & RW (2015 - 2017)
    - HR-V (2015 - 2017)
    - Jazz GF/GK (2014 - 2017)
    - Odyssey RB (2009 - 2013)



### Honda (continued)

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

- **Freeze Frame data read added for many CAN protocol systems:**
  - Engine (petrol), Transmission, Electric Brake Booster, Electric Power Steering, Electric Vacuum Pump, Integrated Driver Support System and Real Time All-Wheel Drive
  - Supported on a variety of popular models, including:
    - Accord (2008 – 2017)
    - Accord Euro (2008 – 2015)
    - Civic Hatch FK (2012 – 2017)
    - Civic Sedan FB/FC (2012 - 2017)
    - CR-V RM / RW (2015 – 2017)
    - CR-Z (2015 – 2017)
    - HR-V (2015 – 2017)
    - Jazz GF/GK (2014 – 2017)
    - Odyssey RB/RC (2009 – 2017)

### Hyundai

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

- **ix35 2.0L-DT, 2.0L and 2.4L (2010 – 2016):**
  - All Wheel Drive Control – code functions, data and functional tests
  - Electric Power Steering (2010 – 2012) – code functions, data and special function – *Steering Angle Sensor Calibration*
  - Power Distribution Module (2010 – 2012) – code functions, data and functional tests
  - Smart Key Unit - code functions, data and functional tests

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

- **ix35 2.0L-DT, 2.0L and 2.4L (2010 – 2016):**
  - 2.0L-DT diesel engine special functions –
    - *Component Change Routine - System resets and learn functions, including:*
      - *Air Flow Sensor Replacement*
      - *Differential Pressure Sensor Replacement*
      - *DPF Replacement*
      - *EGR Valve Replacement*
      - *Lambda Sensor Replacement*
      - *Rail Pressure Sensor Replacement*
      - *Swirl Control Valve Replacement*
      - *Throttle Valve Replacement*
    - *Engine Test Function –*
      - *Compression Test – Disable fuel injection to perform a compression test*
      - *Idle Speed Comparison – compare the engine speed of each cylinder with the engine running at idle*
      - *Injection Quantity Comparison – compare the injection quantity correction of each cylinder with cylinder balancing*
  - Antilock Brakes special function – *Steering Angle Sensor Calibration*

### ISUZU

- **One Touch Code Scan and Clear All Codes added to Isuzu Australia D-Max and MU-X vehicles for models between 2012 to 2017 model years!**

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

- **D-Max & MU-X 3.0L-DT (2017):**
  - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module, Intelligent Battery System & Transfer Case Control Module.
  - Coverage Highlights:
    - *Engine coverage includes code functions, data, functional tests and special functions, including:*
      - *DPD Forced and Slow Regeneration functions*
      - *DPD Dilution Trip Data Reset*
      - *DPD Regeneration Data Reset*
      - *Exhaust Differential Pressure Sensor Learning*
      - *Fuel Injection Small Quantity Learning*
      - *Fuel Supply Pump Learn Reset*
      - *Injector Programming*
      - *Oil Dilution Estimate Quantity Learning Reset*
    - *Transmission coverage includes code functions, data, functional tests and special function – Clear Learning Value Reset*
    - *Antilock Brake coverage includes code functions, data, functional tests and special functions:*
      - *G Sensor Central Position Learn*
      - *Steering Central Position Learn*
    - *Transfer Case Control Module coverage includes code functions, data and functional tests*

#### **Models Updated to 2017:**

- **N Series and F Series**

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

- **D-Max 3.0L-DT (2012 – 2013):**
  - Body Control Module – code functions and data
- **D-Max and MU-X 3.0L-DT (2012 – 2016):**
  - Transfer Case Control Module – code functions, data and functional tests

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

- **D-Max and MU-X 3.0L-DT (2012 – 2016):**
  - Airbag - Enhanced DTC's with sub codes and live data added
    - *DTC's now display sub code information, giving additional specific failure details to help diagnosis, such as for open or short circuit failures*

### Kia

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

- **Kia Diesel engine special functions –**
  - *Component Change Routine - System resets and learn functions, including (where supported by the individual vehicle):*
    - *Air Flow Sensor Replacement*
    - *Differential Pressure Sensor Replacement*
    - *DPF Replacement*
    - *EGR Valve Replacement*
    - *Lambda Sensor Replacement*
    - *Low EGR Valve Replacement*
    - *Rail Pressure Sensor Replacement*
    - *Swirl Control Valve Replacement*
    - *Throttle Valve Replacement*
  - *Engine Test Function –*
    - *Compression Test – Disable fuel injection to perform a compression test*
    - *Idle Speed Comparison – compare the engine speed of each cylinder with the engine running at idle*
    - *Injection Quantity Comparison – compare the injection quantity correction of each cylinder with cylinder balancing*
  - *Added to the following Kia models:*
    - *Grand Carnival 2.2L-DT (2013 – 2014)*
    - *Rondo RP 1.7L-DT (2014 – 2015)*
    - *Sorento XM 2.2L-DT (2009 – 2015)*
    - *Soul AM 1.6L-DT (2010 – 2014)*

### Lexus\*

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

- **Accessory Gateway –**
  - Code functions and data
    - IS200t (2016 – 2017)
    - IS250 (2014 – 2015)
    - IS350 (2014 – 2017)
    - LS460 (2011 – 2017)
    - LX570 (2011 – 2015)
- **Stabiliser –**
  - Code functions and data
    - GS350 (2011)
    - GS450h (2011)
    - GS460 (2011)

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

## Lexus\* (continued)

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

- **Blind Spot Monitor Master / Slave:**
  - Additional customisation and service functionality added for various models (2011 – 2017)
- **Intuitive Park Assist:**
  - System customisation added popular models (2011 – 2017)
- **Power Seat Module:**
  - System customisation added for popular models (2013 – 2017)
- **Pre-Collision 2:**
  - System customisation added for popular models (2011 – 2017)
- **Sliding Roof:**
  - System customisation added for popular models (2011 – 2017)
- **Smart Key:**
  - System customisation added for popular models (2011 – 2017)
- **Tilt Telescope Steering Column:**
  - System customisation added for popular models (2011 – 2017)

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

## Mazda

### **New Systems Added:**

- I-Stop Control – code functions, data and I-Stop Learning instructions added for popular models, including:
  - 2 DJ (2015 – 2017)
  - 3 BM and BN (2014 – 2017)
  - 6 GJ and GL (2012 – 2017)
  - CX-5 KE1 / KE2 (2012 – 2017)

***The Mazda I-Stop system shuts down the engine after stopping at idle and automatically restarts it when vehicle motion is required.***

***The new I-Stop control system selection retrieves data from all relevant systems that provide inputs to the I-Stop control.***

***Learning may be required after a flat battery, battery disconnection or battery replacement for this system to function correctly. Failure to carry out this procedure will result in system warnings displayed on instrument cluster and I-Stop control system disabled.***

### Mitsubishi

- **One Touch Code Scan and Clear All Codes extended to the 2017 model year!**

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

- **ASX XC 2.0L and 2.2L-DT 2WD/4WD (2017):**
  - Engine, Transmission, Antilock Brakes, Airbag, Adaptive Front Lighting, Air Conditioner, Corner Sensor/Back Sensor, Electric Power Steering, Electronic Time and Alarm Control, Four Wheel Drive, Immobiliser / Keyless, Meter, One Touch Start/Stop, Power Windows, Rain Light Sensor, Service Interval Reset, Steering Angle Reset and Sunroof
  - Coverage Highlights:
    - *Petrol engine coverage includes code functions, data, functional tests and special functions, including:*
      - *Battery Current Sensor Reset*
      - *Learned Value Reset*
    - *Diesel engine coverage includes code functions, data, functional tests and special functions, including:*
      - *Battery Current Sensor Calibration*
      - *DPF Regeneration*
      - *Fuel Leakage*
      - *Injector Programming*
      - *Small Injection Quantity Learning*
      - *System / component initialisation functions*
    - *Petrol transmission coverage includes special functions, e.g.:*
      - *Control Valve Learning Mode*
      - *Control Value Reset*
      - *CVT Oil Degradation Level*
      - *Electronic Oil Pump Air Bleeding*
    - *Antilock Brake coverage includes code functions, data, functional tests and special functions:*
      - *All Sensor Calibrations – Steering Angle, Brake Pressure etc.*
    - *Adaptive Front Lighting system includes code functions, data, functional tests and special functions:*
      - *Height Sensor Initial Position Clear*
      - *Height Sensor Initial Position Learning*
    - *Meter system includes Service Interval Reset functionality*
    - *Rain Light Sensor coverage includes special function – Rain Sensor Adaption*

**Up to 17 systems supported for the new ASX in 18.2!**

#### **Models Updated to 2017:**

- **Lancer, Mirage Hatch, Outlander ZK, Pajero NX, Pajero Sport & Triton MQ**

### Mitsubishi (continued)

#### New Systems Added:

- **Outlander ZK 2.0L, 2.2L-DT and 2.4L (2017):**
  - Blind Spot Monitor Master – code functions, data and functional tests
  - Blind Spot Monitor Slave – code functions, data and functional tests
  - Electric Park Brake – code functions, data, functional tests and special function instructions: *Maintenance Mode enter and exit*
  - Forward Collision Mitigation / Lane Departure Warning / Automatic High Beam – code functions, data and functional tests
  - Gateway – code functions and data
  - Multi Around Monitor – code functions, data and functional tests
  
- **Pajero NX 3.2L-DT (2017):**
  - New DPF engine support added – code functions, data, functional tests and special functions:
    - *Individual Cylinder Injector cut tests*
    - *Suction Control Valve functional test*
    - *DPF Regeneration*
    - *Injector Programming*
    - *System / component initialisation functions*
    - *Small Injection Quantity Learning*

### Nissan

- **One Touch Code Scan and Clear All Codes extended to the 2017 model year!**

#### New Models Added:

- **370Z Z34 3.7L (2017):**
  - Engine, Transmission, Antilock Brakes, Airbag, 3 Channel CAN Gateway, Body Control Module, Intelligent Power Distribution Module, Headlamp Leveliser, Heating Ventilation and Air Conditioning, Meter and Multi Audio Visual
  - Coverage Highlights:
    - *Engine coverage supports code functions, data, functional tests and special functions:*
      - *Freeze Frame data support*
      - *Idle Air Volume Learning*
      - *Manual Transmission Neutral Position Sensor Learn*
      - *Target Idle RPM Adjustment*
      - *Target Ignition Timing Adjust*
    - *Transmission coverage includes code functions, data and special function: G Sensor Calibration*
    - *Antilock Brake system support includes code functions, data, functional tests and special function: G Sensor Calibration*
    - *Body Control Module support – code functions, data, functional tests and special functions – User Customisation: Change BCM settings to suit user preferences*
    - *New system for 2017 370Z – 3 Channel CAN Gateway. Code functions and ECU ID read*
    - *Heating Ventilation and Air Conditioning support includes code functions, data, functional tests and special functions – User Customisation*

## Nissan (continued)

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

- **Pathfinder R52 2.5L Hybrid (2017):**
  - Engine, Transmission, Antilock Brakes, Airbag, Around View Monitor, Automatic Drive Positioner, Auto Back Door, Body Control Module, Electric Power Steering, CAN Gateway, 4WD Module, Air Conditioner, Hybrid Control Module, Hybrid Battery Control Module, Hybrid Motor Control, Intelligent Power Distribution Module, Meter, Multi Audio Visual, Sonar and Tyre Pressure Monitor
  
- **Pathfinder R52 3.5L VQ35DD (2017):**
  - Engine, Transmission, Antilock Brakes, Airbag, Around View Monitor, Automatic Drive Positioner, Auto Back Door, Body Control Module, CAN Gateway, Electric Power Steering, 4WD Module, Headlamp Leveliser, Air Conditioner, Intelligent Power Distribution Module, Laser / Radar, Meter, Multi Audio Visual, Side Radar Left, Side Radar Right, Sonar and Tyre Pressure Monitor
  - **Coverage Highlights:**
    - *New VQ35DD direct injection engine coverage supports code functions, data, functional tests and special functions:*
      - *Electric Intake Valve Timing Control Learning*
      - *Engine Oil Pressure Control Solenoid Valve functional test*
      - *Freeze Frame data support*
      - *Idle Air Volume Learning*
      - *Target Idle RPM Adjustment*
      - *Target Ignition Timing Adjust*
    - *Transmission (CVT) coverage includes code functions, data and special functions:*
      - *Confirm CVT Fluid Deterioration*
      - *Engine Brake Level Adjustment*
      - *Erase Learning Value*
      - *Forward Clutch Point Learning*
      - *G Sensor Calibration*
    - *Antilock Brake coverage includes code functions, data, functional tests and special functions:*
      - *Deceleration G Sensor Calibration*
      - *Steering Wheel Angle Sensor Calibration*
    - *Body Control Module support – code functions, data, functional tests and special functions – User Customisation: Change BCM settings to suit user preferences*
    - *Heating Ventilation and Air Conditioning support includes code functions, data, functional tests and special functions – User Customisation*
    - *New CAN Gateway system coverage – code functions*
    - *New Side Radar Left / Right system coverage – code functions, data and functional tests*
    - *Tyre Pressure Monitor support includes code functions, data, functional tests and special function – Sensor ID Registration (Tyre pressure sensor activation tool required to complete this function)*

**Up to 21 systems supported for the updated 2017 Pathfinder R52 3.5L!**

## Nissan (continued)

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

- **X-Trail T32 2.0L, 2.0L-DT 2.5L (2017):**
  - Engine, Transmission, Antilock Brakes, Airbag, Adaptive Frontal Lighting System, Around View Monitor, Auto Back Door, Body Control Module, Chassis Control Module, CAN Gateway, 3 Channel CAN Gateway, Electric Parking Brake, Electric Power Steering, 4WD Module, Air Conditioner, Intelligent Power Distribution Module, Laser / Radar, Meter, Multi Audio Visual, Side Radar Left, Side Radar Right and Tyre Pressure Monitor
  - Coverage Highlights:
    - *Petrol engine coverage supports code functions, data, functional tests and special functions:*
      - *Freeze Frame data support*
      - *Closed Throttle Position Learn*
      - *Fuel Pressure Release*
      - *Idle Air Volume Learning*
      - *Target Idle RPM Adjustment*
      - *Target Ignition Timing Adjust*
    - *New 2.0L-DT M9R diesel engine coverage includes code functions, data, functional tests and special functions, including:*
      - *DPF Regeneration*
      - *Injector Programming*
      - *System resets and learns*
    - *Transmission (CVT) coverage includes code functions, data and special functions:*
      - *Confirm CVT Fluid Deterioration*
      - *Engine Brake Level Adjustment*
      - *Erase Learning Value*
      - *Forward Clutch Point Learning*
      - *G Sensor Calibration*
    - *Antilock Brake coverage includes code functions, data, functional tests and special functions:*
      - *Deceleration G Sensor Calibration*
      - *Steering Wheel Angle Sensor Calibration*
    - *Heating Ventilation and Air Conditioning support includes code functions, data, functional tests and special functions – User Customisation*
    - *New CAN Gateway system coverage – code functions and data*
    - *New 3 Channel CAN Gateway coverage - code functions and ECU ID read*
    - *New Side Radar Left / Right system coverage – code functions, data and functional tests*

### **Models Updated to 2017:**

- **Altima, Juke, Micra, Navara D23, Patrol Y62, Patrol Y61, Pulsar Sedan, Pulsar Hatch & Qashqai**



## Nissan (continued)

### New Systems Added:

- **Micra K13 1.2L and 1.5L (2011 – 2017):**
  - Transmission – new support New Zealand models with CVT. Includes code functions, data and special functions
- **Pathfinder R52 3.5L (2013 – 2016):**
  - Blind Sport Warning / Buzzer – code functions, data and functional tests
- **Qashqai J11 1.6L-DT and 2.0L (2014 – 2017):**
  - CAN Gateway – code functions and data
- **Qashqai J11 1.6L-DT, 2.0L and 2.5L (2014 – 2016):**
  - CAN Gateway – code functions and data

### Added Functionality for Existing Systems:

- **370Z Z34 3.7L (2009 – 2016):**
  - Engine – enhanced engine system support added
    - Freeze Frame
    - Enhanced live data
    - Additional special functions:
      - VIN Registration
      - ECU data save and write
      - Target Idle RPM Adjustment
      - Target Ignition Timing Adjust
  - Body Control Module support – special functions – User Customisation: Change BCM settings to suit user preferences, e.g.:
    - Auto Headlight Sensitivity
    - Automatic Door Locks
    - Interior Light Delay
- **Juke F15 /F15 Series 2 (2013 – 2017):**
  - F15 Series 2 1.6L-T MR16DDT (2015 – 2017) Engine – enhanced engine system support added:
    - Freeze Frame
    - Enhanced live data
    - Additional special functions:
      - Cumulative Battery Discharge Current Clear
      - VIN Registration
      - ECU data save and write
      - Target Idle RPM Adjustment
      - Target Ignition Timing Adjust
      - Valve Timing Adjustment
  - 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

## Nissan (continued)

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

- **Micra K13 1.2L and 1.5L (2011 – 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
  
- **Navara D23 2.3L-DT, 2.3L-DTT and 2.5L (2015 – 2017):**
  - Airbag – Enhanced DTC's with sub codes and live data added
    - DTC's now display sub code information, giving additional specific failure details to help diagnosis, such as for open or short circuit failures
  - 4WD Module – now supports live data
  - Body Control Module (2017 only) - special functions – *User Customisation: Change BCM settings to suit user preferences, e.g.:*
    - Auto Headlight Sensitivity
    - Automatic Door Locks
    - Interior Light Delay
  
- **Pathfinder R52 2.5L-H and 3.5L (2013 - 2017):**
  - Airbag – Enhanced DTC's with sub codes and live data added
    - DTC's now display sub code information, giving additional specific failure details to help diagnosis, such as for open or short circuit failures
  - 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
  
- **Pulsar C12 Hatch 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
  
- **Qashqai J11 1.6L-DT and 2.0L (2014 – 2017):**
  - 2.0L MR20DD Engine – enhanced engine system support added
    - Freeze Frame
    - Enhanced live data
    - Additional special functions:
      - VIN Registration
      - ECU data save and write
      - Target Idle RPM Adjustment
      - Target Ignition Timing Adjust
  - Airbag – Enhanced DTC's with sub codes and live data added
    - DTC's now display sub code information, giving additional specific failure details to help diagnosis, such as for open or short circuit failures

## Nissan (continued)

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

- **X-Trail T32 1.6L-DT, 2.0L and 2.5L (2014 – 2017):**
  - 2.0L MR20DD and 2.5L QR25DE Engine – enhanced engine system support added
    - Freeze Frame
    - Enhanced live data
    - Additional special functions:
      - VIN Registration
      - ECU data save and write
      - Target Idle RPM Adjustment
      - Target Ignition Timing Adjust
  - Airbag – Enhanced DTC's with sub codes and live data added
    - DTC's now display sub code information, giving additional specific failure details to help diagnosis, such as for open or short circuit failures

## Subaru

- **One Touch Code Scan and Clear All Codes extended to the 2017 model year!**

### **New Models Added:**

- **Impreza G5 Hatch and Sedan 2.0L (2017):**
  - Engine, Transmission, Antilock Brakes, Airbag, Air Conditioning, Automatic Headlight Levelling, Body Integration Unit, Combination Meter, Electric Power Steering, Multi-Function Display and Tyre Pressure Monitor
  - Coverage Highlights:
  - *Engine coverage includes code functions, data and functional tests, including:*
    - Actuator controls such as EGR, Fuel Pump, Radiator Fan and A/C Relay
    - Fuel Pump Control
    - Idle Speed Control
    - Injector Controls
  - *Transmission coverage includes code functions, data and functional tests*
  - *Antilock Brake system coverage includes code functions, data, functional tests and special functions, including:*
    - ABS Sequence Control Mode
    - Electric Park Brake Forced Release Mode
    - VDC Sensor Midpoint Setting Mode
- **Levorg 1.6L-T (2017):**
  - Engine, Transmission, Antilock Brakes, Airbag, Air Conditioning, Automatic Headlight Levelling, Body Integration Unit, Combination Meter, Electric Power Steering, Eyesight Assist Monitor and Multi-Function Display
  - Coverage Highlights:
  - *Engine coverage includes code functions, data and functional tests, including:*
    - Actuators controls such as Fuel Pump, Radiator Fan and A/C Relay
    - Injector Controls
  - *Antilock Brake system coverage includes code functions, data, functional tests and special functions, including:*
    - ABS Sequence Control Mode
    - Electric Park Brake Maintenance Mode
    - VDC Sensor Midpoint Setting Mode

## Subaru

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

- **XV G5X 2.0L (2017):**
  - Engine, Transmission, Antilock Brakes, Airbag, Air Conditioning, Automatic Headlight Levelling, Body Integration Unit, Combination Meter, Electric Power Steering, Multi-Function Display and Tyre Pressure Monitor
  - Coverage Highlights:
  - *Engine coverage includes code functions, data and functional tests, including:*
    - *Actuator controls such as EGR, Fuel Pump, Radiator Fan and A/C Relay*
    - *Fuel Pump Control*
    - *Idle Speed Control*
    - *Injector Controls*
  - *Transmission coverage includes code functions, data and functional tests*
  - *Antilock Brake system coverage includes code functions, data, functional tests and special functions, including:*
    - *ABS Sequence Control Mode*
    - *Electric Park Brake Forced Release Mode*
    - *VDC Sensor Midpoint Setting Mode*

### **Models Updated to 2017:**

- **BRZ, Forester, Levorg, Liberty, Outback, WRX & WRX STI**

### **New Systems Added:**

- **BRZ Z1 2.0L (2012 - 2017):**
  - Smart Key Access – code functions, data and functional tests
- **Forester Series 4 2.0L, 2.0L-T, 2.0L-DT and 2.5L (2016 - 2017):**
  - Automatic Light and Wiper System – code functions and data
  - Eyesight Assist Monitor – code functions and data
  - Power Seat Memory System – code functions and data
- **Levorg 2.0L-T (2016 - 2017):**
  - Eyesight Assist Monitor – code functions and data
- **Liberty 6<sup>th</sup> GEN 2.5L and 3.6L (2015 - 2017):**
  - Automatic Light and Wiper System – code functions and data
  - Eyesight Assist Monitor – code functions and data
  - Multi-Function Display – code functions and data
  - Power Rear Gate – code functions and data
  - Power Seat Memory System – code functions and data
- **Outback 5<sup>th</sup> GEN 2.0L-DT, 2.5L and 3.6L (2015 - 2017):**
  - Automatic Light and Wiper System – code functions and data
  - Eyesight Assist Monitor – code functions and data
  - Multi-Function Display – code functions and data
  - Power Rear Gate – code functions and data
  - Power Seat Memory System – code functions and data
- **WRX V1 2.0L-T and WRX STI V1 2.5L-T (2017):**
  - Eyesight Assist Monitor – code functions and data

## Suzuki

### New Systems Added:

- **Grand Vitara 3.2L (2008 - 2011):**
  - Antilock Brakes – code functions, data and special functions:
    - *Hydraulic Control Test*
    - *ESP Function Setting*
    - *Sensor Calibration*
  - Airbag – code functions and data
  - Body Control Module – code functions, data and functional tests
  - Four Wheel Drive – code functions and data
  - Heating, Ventilation and Air Conditioning – code functions and data
- **Grand Vitara 1.9L-DT (2008 - 2010):**
  - Antilock Brakes special functions - *Sensor Calibration*
  - Body Control Module – code functions, data and functional tests
  - Four Wheel Drive – code functions and data
  - Heating, Ventilation and Air Conditioning – code functions and data

### Added Functionality for Existing Systems:

- **Celerio 1.0L (2014 - 2017):**
  - Transmission – special functions:
    - *Learning Value Initialisation*
    - *Slope Sensor Calibration*
- **S-Cross JY 1.6L (2013 - 2016):**
  - Transmission – special functions:
    - *Learning Value Initialisation*
    - *Slope Sensor Calibration*
- **Headlight Auto Levelling System:**
  - Functional test – *Levelling Actuator*. Added for the following models:
    - S-Cross JY 1.4L-T (2016 – 2017)
    - Vitara LY 1.4L-T, 1.6L and 1.6L-DT (2015 – 2017)

## Toyota

### **New Systems Added:**

- **Fortuner 2.8L-DT (2015 - 2017):**
  - Four Wheel Drive – code functions and data
- **Hilux 2.4L-DT, 2.7L, 2.8L-DT and 4.0L (2015 - 2017):**
  - Four Wheel Drive – code functions and data
- **Land Cruiser 200 4.5L-DT and 4.6L (2015 - 2017):**
  - Central Gateway – code functions and data
  - Radar Cruise 1 – code functions, data and functional tests
  - Radar Cruise 2 – code functions, data and functional tests

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

- **Prado 120 series 3.0L-DT (2006 - 2009):**
  - Engine – functional tests added, including where supported:
    - *Cylinder Fuel Cut*
    - *EGR Valve Control*
    - *Fuel Leak test*
    - *Fuel Pump Relay*
    - *Turbocharger Step Motor*
- **Fortuner, Hilux and Prado 2.4L-DT and 2.8L-DT (2015 - 2017):**
  - Engine – additional special function tests added, including where supported:
    - *DPF Deterioration Record Clear*
    - *Crank Time Compensation Reset*
    - *Pilot Quantity Learn Value Clear*
    - *Intelligent Manual Transmission Information Reset*
- **Land Cruiser 200 4.5L-DT (2015 - 2017):**
  - Engine – additional special function tests added, including where supported:
    - *Crank Time Compensation Reset*
    - *Pilot Quantity Learn Value Clear*
    - *Pilot Quantity Learning (non-detail)*
- **Auto Headlamp Levelling System:**
  - New special function – *Height Sensor Calibration / Height Sensor Initialisation*. Added for popular models, including:
    - Fortuner (2015 – 2017)
    - Hiace (2015 – 2017)
    - Hilux (2015 – 2017)
    - Land Cruiser 200 4.6L (2015 – 2017)
    - Prius Hybrid (2016 – 2017)
- **Adaptive Frontal Lighting System:**
  - New special function – *Height Sensor Calibration / Height Sensor Initialisation*. Added for popular models, including:
    - Land Cruiser 200 (2015 – 2017)
    - Prado (2015 – 2017)
    - Tarago (2013 – 2017)

## European Manufacturers New for 18.2

### **AFL – Alfa Romeo-Fiat-Lancia**

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

- **Fiat Ducato**
  - **New Euro 6 engine system added** – code functions, data and actuator tests available with special functions, including:
    - *Particle Filter Regeneration*
    - *Particle Filter (with integrated pre-cat) Replacement*
    - *Injector Coding*
- **Fiat 500**
  - New 83KW electric system – code functions, data and actuator tests available
- **Adaptive Cruise Control**
  - Code functions, data and actuator tests:
    - Alfa Romeo Guilia
    - Lancia Thema
    - Fiat 500X – *500X support includes Adaptive Cruise Control Calibration*

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

- **Program new keys special function\* available for 12 models from 2004-2017 including:**
  - Alfa Romeo Guilia, Alfa Romeo Guilietta, Alfa Romeo Mito, Alfa Romeo 159, Alfa Romeo Brera, Fiat 500, Fiat 500L, Fiat 500X, Fiat Doblo, Fiat Ducato, Fiat Fiorino/Quobo, Fiat Panda, Fiat Punto/Punto Grande/Punto Evo and Fiat Tipo

\*Code from dealership will be required to complete the job

### **BMW and Mini**

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

- **Extensive AC coverage on wide range of models from 2012 onwards with special functions including:**
  - *Air conditioning (IHKA) drain/fill the refrigerant circuit*
  - *Air conditioning (IHKA) flap motor calibration run*
  - *Air conditioning (IHKA) flap motors installation position*
  - *Air conditioning (IHKA) re-address flap motors*
  - *Air conditioning (IHKA) run-in protection for A/C compressor*
  - *Air conditioning (IHKA) telestart transmitter initialisation*
  - *Air conditioning (IHKA) readdress flap motors*
  - *Air conditioning (IHKA) steering-column adjustment (normalisation)*

## BMW and Mini (continued)

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

- **Re-initialise headlamp and selective catalyst reduction (SCR) sensor reset special function available for most models launched since 2007 including:**
  - 1 Series F20/F21, 2 Series F22/F23/F45/F46, 3 Series F30/F31/F34/F80, 4 Series F32/F33/F36/F82, 5 Series F10/F11, 6 Series F12/F13, 7 Series F01/F02/F03/F04, I3 I01, I8 I12, X1 F48, X2 F39, X3 F25, X4 F26, X5 F15 and X6 F16
- **Teaching all round vision cameras special function available for 20 models including:**
  - 1 Series, 2 Series, 3 Series, 4 Series, 5 Series, 6 Series, 7 Series, I3, I8, X1, X2, X3, X4, X5, X6, MINI Clubman, MINI 5 Door, MINI 3 Door, MINI Convertible and MINI Countryman
- **Extended model coverage for the power tailgate initialisation and power window regulators initialisation special functions. Available for 15 models now including:**
  - 1 Series, 2 Series, 3 Series, 4 Series, 5 Series, 6 Series, 7 Series, I3, I8, X1, X2, X3, X4, X5 and X6

## Ford – European

### New Models Added:

- **4 new models added:**
  - Ford Fiesta 1.0L petrol
  - 1.1L petrol and 1.5L diesel
  - Ford Kuga 1.5L petrol, 1.5L diesel and 2.0L diesel
  - Ford Transit 2.0L diesel
  - Ford Transit Custom 2.0L diesel

### Model Year Update to 2017

### New Systems Added:

- **Proxy Alignment system available for various Ford KA engines 2008-2017**

### Added Functionality for Existing Systems:

- **Extensive DPF PIDs coverage allowing you to monitor parameter IDs such as DPF soot content and engine temperature. Content available for 15 models including:**
  - Ford Fiesta, Ford Kuga, Ford Transit, Ford Transit Custom, Ford Focus, Ford C-Max, Ford Mondeo, Ford Galaxy, Ford Smax, Ford Ranger, Ford Connect, Ford B-Max, Ford EcoSport, Ford Courier and Ford Galaxy/ S-Max
- **Side obstacle detection left/right special function added for 5 models including:**
  - Ford Focus 2011-2014, Ford C-Max 2010-2015, Ford Mondeo 2007-2015, Ford Galaxy 2007-2015 and Ford S-Max 2007-2015
- **Body control crash status reset added for the Ford Focus 2.3L RS 2016-2017**



## Jaguar

### Model Year Update to 2017

#### New Systems Added:

- **Power Steering Control Module** – code functions, data and special functions:
  - F-Pace, XE and the XJ
- **Steering Angle Sensor Module** – code functions and data:
  - F-Pace, XE and the XJ

## Land Rover and Range Rover

### Added Functionality for Existing Systems:

- **Extensive injector programming now available:**
  - Defender (L316): 2.4L diesel 2007-2011 and 2.2L diesel 2012-2016
  - Discovery 4 (L319): 3.0L TDV6 2010-2014, 3.0L TDV6 2015 and 3.0L TDV6 2016+
  - Freelander 2 (L359): 2.2L I4 diesel 2011-2014
  - Range Rover Sport (L320): 3.0L TDV6 2010-2013
  - Range Rover (L322): 4.4L TDV8 2010-2013
  - Range Rover Sport (L494): 3.0L TDV6 2013, 3.0L TDV6 2014-2015, 3.0L TDV6 2016+, 3.0L TDV6 Hybrid 2014-2015, 3.0L TDV6 Hybrid 2016+, 4.4L TDV8 2014-2015 and 4.4L TDV8 2016+
  - Range Rover (L405): 3.0L TDV6 2013, 3.0L TDV6 2014-2015, 3.0L TDV6 2016+, 3.0L TDV6 Hybrid 2014-2015, 3.0L TDV6 Hybrid 2016+, 4.4L TDV8 2013, 4.4L TDV8 2014-2015 and 4.4L TDV8 2016+
  - Range Rover Evoque (L358): 2.2L I4 diesel 2012-2013 and 2.2L I4 diesel 2014-2016

## Mercedes Benz

### New Models Added:

- **2 new models added with extensive systems coverage, codes, data, actuator tests and special functions:**
  - 238 E Coupe
  - AMG GT-C Roadster

### Model Year Update to 2017

#### New Systems Added:

- **3 new engines added with special functions such as DPF regeneration, EGR actuator tests and injector programming:**
  - Citan 415 Engine SID 310
  - Citan 415 Engine EDC 17C84
  - Citan 415 Engine EDC 17C42

### Opel - Vauxhall

#### New Systems Added:

- **Extended HVAC coverage on 7 models –**
  - Astra J, Astra K, Corsa E, Insignia, Mokka, Zafira C, Meriva B and Adam
  - Code functions, data and special functions such as:
    - *Actuator Recalibration*
    - *Afterblow Option*
    - *CAN Bus Configuration Learn*
- **Insignia:**
  - **Rear Differential Clutch Control Module** – code functions, data and actuator tests

#### Added Functionality for Existing Systems:

- **Key programming\*** available on Insignia and Astra J models
- **Engine special functions added on the Insignia and Astra K such as:**
  - *DPF Regeneration*
  - *DPF Reset*
  - *Idle Speed Adjustment*
  - *Nox Resets*
- **Insignia:**
  - **Body Control Module special function** - *Battery Sensor Module Learn*
- **Steering Angle Calibration** - special function available on:
  - Corsa D
  - Meriva B

\*Code from dealership will be required to complete the job

### Porsche

#### Model Year Update to 2017

### PSA Citroen and Peugeot

#### New Models Added:

- **3 new models added with extensive systems coverage – code functions, data, actuator tests and special functions:**
  - Citroën C3 (B618)
  - Peugeot 3008 (P84)
  - Peugeot 5008 (P87)

#### Model Year Update to 2017

### PSA Citroen and Peugeot (continued)

#### New Systems Added:

- **2 new engines added with engine variant special function support:**
  - Euro 6 Citroën Relay 3 DCM6.2
  - Euro 6 Peugeot Boxer 3 DCM6.2
- **BSI systems added for various models (computerised fuse-box units):**
  - Supported models include:
    - Citroën C3
    - Peugeot 508
    - Peugeot 5008
    - Peugeot Expert 3 (K0)
    - Citroën C6
    - Citroën Dispatch (K0)
  - Special functions supported such as:
    - *Front fog lights install uninstall*
    - *Alarm install uninstall*
    - *Phone kit install uninstall*
    - *Trailer itch unit install uninstall*
    - *Parking aid install uninstall*

#### Added Functionality for Existing Systems:

- **Accessories Belt Replacement Reset added to the Citroen DS5**

### Renault

#### New Systems Added:

- **Airbag coverage added for the Renault Captur 2013+ - code functions, data, actuator tests and special functions**
- **Engine (LPG) module added – code functions, data and actuator tests for:**
  - Renault Clio IV 2014+
  - Renault Clio IV 2014+
  - Renault Kangoo II 2012+ (EU)

#### Added Functionality for Existing Systems:

- **Radio security code added for all Renault models 2002+**
- **Instrument cluster configuration added – code functions, data, actuator tests and special functions:**
  - Renault Captur 2013+
  - Renault Clio IV 2013+
  - Renault Fluence 2010+
  - Renault Megane III 2009+
  - Renault Scenic III 2009+
  - Renault Trafic III 2004+

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

### **New Models Added:**

- **2 new models added with extensive coverage:**
  - **VW Arteon**
  - **Audi Q2**

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

### **New Systems Added:**

- **Auto transmission module added for 4 variants**
- **Brake electronics module added for 7 variants**
- **Airbag module added to 4 variants**
- **Airco module added for 10 variants**
- **Body control module added for 2 variants**
- **Instrument cluster module added to 2 variants**
- **Park assist module added 13 variants**

## **Volvo**

### **New Systems Added:**

- **Park assist camera module added** – code functions, data and actuator tests:
  - V40
  - XC60

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

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

**USA Manufacturers begin on next page**

## USA Manufacturers

### USA Manufacturers 18.2 Highlights:

- **New Safety Systems = 40% Newest Coverage**  
*Almost half of the new software coverage in this upgrade focuses on contemporary OEM safety and driver's assistance systems to help body shops, used car dealerships, repair shops and mobile diagnostic businesses to take on new opportunities as well as handle collision-related insurance requirements*
  - **Intelligent Cruise Control**
  - **Airbag**
  - **Collision Mitigation Sensor Systems**
  - **Electronic Parking Brake**
  - **Head Up Display**
  - **Lane Departure Warning**
  - **Occupant Classification**
  - **Parking Assist Systems**
  - **Pedestrian Impact Detection**
  - **Radar Sensor Surround View Monitor**
- **TPMS Coverage for 49 Makes**
- **Chrysler<sup>®</sup> Final Drive Control Module**
- **Ford<sup>®</sup> Transfer Case Control Module**
- **Ford Transit 3.2L Diesel DPF and Injector Programming**
- **Exclusive Coverage Harley-Davidson<sup>®</sup> - Engine Extended DTC Data**
- **Honda<sup>®</sup>, Acura<sup>®</sup> Service Functions: Brake Pad Replacement, Steering Angle Resets, Service Resets, and more**
- **More Nissan<sup>®</sup> Titan Engine Cummings Coverage**
- **BMW<sup>®</sup> Active Cruise Control & Lane Departure Warning**
- **Land Rover<sup>®</sup> Occupant Classification System**

## Chrysler / Dodge / Jeep

### Model Year Update to 2017

#### New Systems Added:

- **Front Display (DISP), 2009 and Newer Applicable Vehicles**
- **Final Drive Control Module (FDCM), 2005 and Newer Applicable Vehicles**
- **Dosing Control Unit (DCU), 2011 and Newer Applicable Vehicles**

## Harley Davidson

### Added Functionality for Existing Systems:

- **Engine Extended DTC Data, 2014 and Newer** - Obtain the Mileage at Which a Code Was Set
- **CAN Body Control Module Configuration and Customisations**
  - Softail, 2011 and Newer
  - Touring, 2014 and Newer
  - Dyna, 2012 and Newer
  - Sportster, 2014 and Newer
  - Street 500 and Street 750, 2014 and Newer

### Australian Component Test Meter\*

- **All new Australian CTM content added for 18.2! Includes new Australian model coverage for 7 makes and 31 different model variants!**
- **New content for models between 2008 and 2017!**
- **3 makes include new coverage for popular Australian diesel models!**

#### **New CTM Coverage Added:**

- **Ford:**
  - Focus LZ 1.5L-T EcoBoost (2015 – 2016): Engine
  - Focus LW MKII 2.0L (2012 – 2015): Engine
  - Focus LW 1.6L (2011 – 2012): Engine
- **Holden:**
  - Cruze JH 1.8L LUW (2016): Engine
- **Honda:**
  - Accord CR 2.4L (2013 - 2016): Engine
  - Accord CP 2.4L (2008 – 2013): Engine
  - CR-V RMII 2.4L (2015 – 2017): Engine, ABS, Charging and Starting
- **Hyundai:**
  - Elantra AD 2.0L (2017): Engine
- **Mitsubishi:**
  - Pajero NX 3.2L-DT (2014 - 2016): Engine, ABS, Charging and Starting
  - Triton MQ 2.4L-DT (2015 - 2017): Engine, ABS, Charging and Starting
- **Nissan:**
  - Navara NP300 D23 2.3L-DT (2015 - 2016): Engine
  - Navara NP300 D23 2.3L-DTT (2015 - 2016): Engine
  - Pathfinder R51 2.5L-DT (2010 - 2013): Engine
  - Qashqai J11 1.6L-DT (2014 - 2016): Engine
  - Qashqai J11 2.0L (2014 - 2016): Engine
  - X-Trail T32 1.6L-DT (2014 - 2016): Engine
  - X-Trail T32 2.0L (2014 - 2016): Engine
  - X-Trail T32 2.5L (2014 - 2016): Engine
  - X-Trail T31 2.0L (2010 - 2013): Engine
  - X-Trail T31 2.0L-DT (2008 - 2013): Engine
- **Toyota:**
  - Camry ASV50R 2.5L (2016 - 2017): Engine
  - Corolla Hatch ZRE182R 1.8L (2016 - 2017): Engine
  - Corolla Sedan ZRE172R 1.8L (2013 - 2016): Engine, ABS and Charging
  - Hilux 2.4L-DT (2015 – 2017): Engine, ABS, Charging and Starting
  - Hilux 2.8L-DT (2015 – 2017): Engine, ABS, Charging and Starting
  - Land Cruiser 70 4.5L-DT with DPF (2016 – 2017): Engine
  - Land Cruiser 70 4.5L-DT (2007 – 2016): Engine
  - Land Cruiser 200 4.5L-DT with DPF (2015 – 2017): Engine
  - Land Cruiser 200 4.5L-DT (2015): Engine
  - Prado 150 Series 4.0L (2015 – 2017): Engine
  - RAV4 2.5L (2016 – 2017): Engine

## USA Component Test Meter and Troubleshooter\*

### Enhanced Component Test Meter and Troubleshooter Coverage

- **Over 37,000 New Components Added**
- **285,000 New and Enhanced Tests in Upgrade 18.2**
- **4.6 Million Total Tests Included in Your Diagnostic Software**
- **Over 48,000 new HVAC tests!**
- **Over 33,000 new Body Electrical tests!**
- **Over 12,000 new Charging System tests!**
- **2017 New Model Coverage for Acura<sup>®</sup>, Audi<sup>®</sup>, BMW<sup>®</sup>, Buick<sup>®</sup>, Cadillac<sup>®</sup>, Chevrolet<sup>®</sup>, Chrysler<sup>®</sup>, Ford<sup>®</sup>, Honda<sup>®</sup>, Hyundai<sup>®</sup>, Infiniti<sup>®</sup>, Jaguar<sup>®</sup>, Kia<sup>®</sup>, Land Rover<sup>®</sup>, Lexus<sup>®</sup>, Lincoln<sup>®</sup>, Mazda<sup>®</sup>, Mercedes-Benz<sup>®</sup>, MINI<sup>®</sup>, Mitsubishi<sup>®</sup>, Nissan<sup>®</sup>, Subaru<sup>®</sup>, Toyota<sup>®</sup>**
- **More HVAC and Starting Systems for over 17 makes, including New Coverage for Acura<sup>®</sup>, Honda<sup>®</sup>, Infiniti<sup>®</sup>, Nissan<sup>®</sup>**
- **Body Electrical Coverage for 14 makes including New Subaru<sup>®</sup>**
- **New Charging System Tests**
  - Mercedes-Benz<sup>®</sup> back to 2007
  - Chrysler<sup>®</sup> back to 1999
- **NEW Top Level Entry to CTM Training and Classes for MODIS<sup>™</sup>, including Power User Tests, How To's and more**

### 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)**
- **ABS menus are now included:**
  - ABS control module information inclusive of tests
  - Speed sensor & brake pedal component information and tests
- **8 NEW technology classes added**
- **2 NEW case studies added**
- **NEW components added to Generic make**
  - **Alternator**
    - Operation, voltage & diode tests, waveform
  - **Battery**
    - Operation, tech notes (inc. standards)
  - **Glow plug**
    - Operation, test methods, pin out assignments
  - **Starter motor**
    - Operation, tech notes
- **New generic option**

### **What is the generic option??**

**Can't find the right test? Check out the generic option. There you can test components which may not be available via a specific manufacturer or model**

### 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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