

## **Australian 16.4 Software Release Details**

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### **Australian Manufacturers New for 16.4**

**<< Quick Stats for Australian 16.4 Software >>**

#### **New for 16.4 (from 16.2):**

***One Touch Code Scan and Clear All Codes added for an additional 2 Australian makes! That makes a total of 13 Australian makes with Code Scan and Clear All Codes support!***

***Over 1,067 NEW, EXPANDED or ENHANCED Australian system selections for 16.4!***

***2016 model year coverage for 9 manufacturers in Australian software!***

***11 Australian manufacturers receive new or updated content in 16.4!***

***Over 55 New Australian models & variants!***

***89 existing models extended to 2016!***

***41 new system type selections across 7 Australian makes!***

***New or enhanced content for Australian models from 2004 – 2016***

## Ford

### New Models Added:

- **Everest 3.2L-DT (2015):**
  - Engine, Transmission, Antilock Brakes, Airbag, Accessory Protocol Interface Module, All Terrain Control Module, Audio Control Module, Body Control Module, Front Controls Interface Module, Global Positioning System Module, Gateway Module, Instrument Cluster Module, Parking Aid Module, Power Steering Control Module & Selective Catalyst Reduction (AdBlue) Module.
  - Coverage highlights:
    - *New 3.2L-DT engine support includes code functions, data & special functions:*
      - *System resets and learns such as DPF, EGR & Turbocharger*
      - *DPF Regeneration*
      - *Injector Programming*
    - *Transmission Adaptive Learning functions supported*
    - *ABS Longitudinal Acceleration Sensor Calibration*
    - *BCM Battery Monitoring System Reset*
    - *Selective Catalyst Reduction (AdBlue) Parameter Reset*
- **Kuga TF MKII 2.0L-DT (2015):**
  - Engine, Transmission, Antilock Brakes, Airbag, Audio Control Module, Body Control Module, Cruise Control, Driver & Passengers Door Modules, Front Control/ Display Interface Module, Global Positioning System Module, Heating Ventilation Air Conditioning, Instrument Panel Cluster Module, Parking Aid Module, Power Steering Control Module, Remote Function Actuator & Side Obstacle Detection Left/Right
  - Coverage highlights:
    - *Diesel engine coverage includes code functions, data, functional tests & special functions:*
      - *System resets and learns such as DPF, NOx, EGR & Turbocharger*
      - *DPF Regeneration*
    - *ABS calibrations – Steering Angle Sensor, Lateral Acceleration Sensor, Longitudinal Acceleration Sensor & Pressure Sensor*

## Fuso

### Models Updated to 2016:

- **Canter (515, 615, 715, 815), Fighter (FK, FM) & Rosa**

### New Systems Added:

- **Fighter FK 7.5L-DT (2015 – 2016):**
  - AdBlue Exhaust Aftertreatment– code functions, data, functional tests & special functions:
    - *AdBlue Delivery Pump Initial Start-up*
    - *SCR Catalytic Convertor Fill Level Reset*
    - *Vehicle Mileages 1 & 2 Reset / 3 & 4 Reset*

### Added Functionality for Existing Systems:

- **Canter 3.0L-DT Euro 5 models (2011 – 2016):**
  - Engine Functional Tests – *Includes injector tests for each cylinder*

## Holden

- **One Touch Code Scan and Clear All Codes extended to the 2016 model year!**

### **New Models Added:**

- **Astra J 1.6L-T (2015 – 2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module, Camera System – Front View, Electric Power Steering, Heating Ventilation Air Conditioning, Instrument Panel Cluster, Multi-Axis Sensor, Parking Assist Control Module, Parking Brake Control Module, Radio, Seat Heating Control Module – Front & Steering Wheel Angle Sensor
  - Coverage highlights:
    - *1.6L-T engine support includes functional tests & special functions:*
      - *Engine Oil Life Reset*
      - *Crankshaft Position Sensor Variation Learn*
      - *Fuel Injection Small Quantity Data Reset*
      - *Fuel Rail Pressure Relief Valve Learned Values Reset*
      - *Fuel Rail Pressure Sensor/Fuel Rail Learn*
      - *HO2S Heater Learn*
      - *Idle Speed Adjustment – Program a new target idle speed into the ECM*
    - *Transmission coverage functional tests & Fast Adaption Learn*
    - *ABS coverage includes functional tests and special functions:*
      - *Automated Brake Bleeding*
      - *Brake Pressure Sensor Calibration*
      - *Steering Wheel Angle Sensor Learn (along with reset & learn functions in Steering Wheel Angle Sensor Module)*
      - *Yaw Rate Sensor Learn (along with reset & learn functions in Multi Axis Sensor Module support)*
    - *BCM special functions:*
      - *Brake Pedal Position Sensor Learn*
      - *Window Learned Value Resets*
    - *EPS Softstops Reset & Learn supported*
    - *HVAC Actuator Recalibration support included*
- **Astra J VXR 2.0L-T (2015-16):**
  - Engine, Antilock Brakes, Airbag, Body Control Module, Camera System – Front View, Electric Power Steering, Heating Ventilation Air Conditioning, Instrument Panel Cluster, Multi-Axis Sensor, Parking Assist Control Module, Parking Brake Control Module, Radio, Seat Heating Control Module – Front & Steering Wheel Angle Sensor
  - Coverage highlights:
    - *2.0L-T VXR engine support features functional tests & special functions:*
      - *Engine Oil Life Reset*
      - *Crankshaft Position Sensor Variation Learn*
      - *HO2S Heater Learn (Reset)*
      - *Idle Learn (Reset)*
    - *ABS coverage includes functional tests and special functions:*
      - *Automated Brake Bleeding*
      - *Steering Wheel Angle Sensor Learn (along with reset & learn functions in Steering Wheel Angle Sensor Module)*
      - *Yaw Rate Sensor Learn (along with reset & learn functions in Multi Axis Sensor Module support)*
    - *BCM special functions, including Battery Sensor Module Learn*

**The Battery Module Sensor Learn function is for vehicles with Auto Stop/Auto Start – it is required after battery charging or replacement.**

## Holden (continued)

### New Models Added (continued):

- **Captiva MY16 2.2L-DT, 2.4L & 3.0L (2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module, Chassis Control Module (2.4L), Heating Ventilation Air Conditioning, Instrument Panel Cluster, Parking Brake Module, Power Steering Control Module, Radio & Rear Drive System
  - Coverage highlights:
    - *New 2.4L engine coverage for MY16 includes:*
      - *Specific content for automatic and manual transmission variants*
      - *Brake Pedal & Clutch Pedal Position Sensor Learn functions*
      - *Camshaft Actuator Tests – engine off & engine running*
      - *Crankshaft Position Variation Learn*
      - *Cylinder Power Balance*
      - *Engine Oil Life Reset*
      - *Reset & Learn functions inc. Engine Oil Life Reset, Fuel Trim Reset, HO2S Learn & Idle Learn*
    - *2.2L-DT engine support for MY16 includes functional tests & special functions:*
      - *DPF Regeneration*
      - *Injector Disable (engine running, individual cylinders)*
      - *Injector Program*
      - *Learn functions inc. Crankshaft Position Reluctor Wheel, Fuel Rail Pressure Sensor, Fuel Pressure Regulator & High Pressure Fuel Pump*
      - *Reset functions – DPF Pressure sensor & DPF*
- **Cascada 1.6L-T (2015 – 2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module, Camera System – Front View, Electric Power Steering, Heating Ventilation Air Conditioning, Instrument Panel Cluster, Multi-Axis Sensor, Parking Assist Control Module, Parking Brake Control Module, Radio, Seat Heating Control Module – Front & Steering Wheel Angle Sensor
  - Coverage highlights:
    - *1.6L-T engine support includes functional tests & special functions including:*
      - *Engine Oil Life Reset*
      - *Crankshaft Position Sensor Variation Learn*
      - *Fuel Injection Small Quantity Data Reset*
      - *Fuel Rail Pressure Relief Valve Learned Values Reset*
      - *Fuel Rail Pressure Sensor/Fuel Rail Learn*
      - *HO2S Heater Learn*
      - *Idle Speed Adjustment – Program a new target idle speed into the ECM*
    - *Transmission coverage includes functional tests & Fast Adaption Learn*
    - *ABS coverage includes:*
      - *Automated Brake Bleeding*
      - *Brake Pressure Sensor Calibration*
      - *Output controls*
      - *Steering Wheel Angle Sensor Learn (along with reset & learn functions in Steering Wheel Angle Sensor Module)*
      - *Yaw Rate Sensor Learn (along with reset & learn functions in Multi Axis Sensor Module support)*
    - *BCM special functions:*
      - *Brake Pedal Position Sensor Learn*
      - *Window Learned Value Resets*
    - *EPS Softstops Reset & Learn supported*
    - *HVAC Actuator Recalibration support included*

## Holden (continued)

### New Models Added (continued):

- **Commodore VF Series 2 3.0L LFW, 3.6L LFX, 6.2L LS3 & 6.2L-SC LSA (2015 – 2016) & Caprice WN Series 2 6.2L LS3 (2015 – 2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module, Chassis Control Module (LS3, LSA), Front View Camera Module, Head Up Display, Headlamp Control Module, Heating Ventilation Air Conditioning, HVAC Controls, Instrument Panel Cluster, Keyless Entry, Parking Assist Control Module, Parking Brake Control Module, Power Steering Control Module, Radio, Radio Controls, Seat Memory Control Module, Side Object Detection Left & Right, Steering Column Lock, Steering Wheel Angle Sensor, Tyre Pressure Monitor & Trailer Interface Control Module
  - Coverage highlights:
    - **Up to 23 Systems Supported!**
    - *3.6L LFX engine includes functional tests & special functions:*
      - *Specific content for automatic and manual transmission variants*
      - *Automated Injector Balance*

**Automated Injector Balance is a new function for the 3.6L LFX that automatically cuts each fuel injector consecutively and records the fuel pressure drop results for each one.**

- *Brake Pedal or Clutch Pedal Sensor Learn*
- *Crankshaft Position Sensor Variation Learn*
- *Reset & Learn functions inc. Engine Oil Life, Idle Learn & HO2S Learn*
- *6.2L LS3 support includes codes, data, functional tests & special functions:*
  - *Specific content for automatic and manual transmission variants*
  - *Brake Pedal or Clutch Pedal Position Sensor Learn functions*
  - *Crankshaft Position Sensor Variation Learn*
  - *Reset & Learn functions inc. Engine Oil Life, Idle Learn & HO2S Learn*
- *6.2L-SC LSA engine includes codes, data, functional tests & special functions:*
  - *Specific content for automatic and manual transmission variants*
  - *Brake Pedal or Clutch Pedal Position Sensor Learn*
  - *Crankshaft Position Sensor Variation Learn*
  - *Reset & Learn functions inc. Engine Oil Life, Idle Learn & HO2S Learn*
  - *Output controls specific to the supercharged engine:*
    - *Charge Air Coolant Pump*
    - *Supercharger Bypass Solenoid Valve*
- *ABS coverage includes functional tests & special functions:*
  - *Automated Brake Bleed*
  - *Brake Pressure Sensor Calibration*
  - *Steering Wheel Angle Sensor Learn (along with reset & learn functions in Steering Wheel Angle Sensor Module)*
- *Yaw Rate Sensor Learn in ABS & Airbag systems supported*
- *BCM for HID headlamp WN/WN2 models added*
- *Front View Camera Module – Learn function now supported.*

**The Front View Camera Module Learn function is required after replacement of the windscreen mounted camera.**

- *Chassis Control Module for 6.2L-SC with BiModal exhaust*

**Chassis Control coverage for 6.2L-SC LSA models includes support for BiModal exhaust - data specific to exhaust flow control valve, functional test & "learn" function.**

- *New Headlamp Control Module coverage for WN/WN2 includes learn function*
- *Park Brake Module support includes cable replacement and calibration*

## Holden (continued)

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

- **Insignia 2.8L-T (2015 – 2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module, Camera System – Front View, Electric Power Steering, Heating Ventilation Air Conditioning, Instruments, Keyless Entry, Left Side Object Detection, Parking Assist, Parking Brake, Radio, Radio Controls, Seat Heating Control Module, Steering Column Lock & Steering Wheel Angle Sensor
  - Coverage highlights:
    - *Engine support includes functional tests and special functions:*
      - *Engine Oil Life Reset*
      - *Fuel Trim Reset*
      - *Idle Learn Reset*
    - *Aisin Warner 6 speed Transmission functional tests & special functions:*
      - *Gear Selector N Position Learn*
      - *Learned Values Reset*
    - *ABS support includes functional tests & special functions:*
      - *Adaptive Pressure Control Learn*
      - *Automated Brake Bleed*
      - *Brake Pressure Sensor Calibration*
      - *Steering Wheel Angle Sensor Learn (along with reset & learn functions in Steering Wheel Angle Sensor Module)*
      - *Yaw Rate Sensor Calibration*
    - *Camera System–Front View – code functions, data, functional tests & learn*
- **Trax MY16 1.4L-T & 1.8L (2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module, Electric Power Steering, Heating Ventilation Air Conditioning, Instruments, Parking Assist Control Module, Radio, Seat Heating Control Module – Front & Steering Wheel Angle Sensor
    - *1.4L-T engine support includes:*
      - *Specific content for automatic and manual transmission variants*
      - *Crankshaft Position Variation Learn*
      - *Brake Pedal & Clutch Pedal Position Sensor Learn functions*
      - *Reset & learn functions – Engine Oil Life Reset, Fuel Trim Reset, HO2S Heater Learn (Reset), Idle Learn (Reset) & Turbocharger Learned Values Reset*
    - *1.8L engine support includes:*
      - *Specific content for automatic and manual transmission variants*
      - *Brake Pedal & Clutch Pedal Position Sensor Learn*
      - *Reset & learn functions – Engine Oil Life Reset, Fuel Trim Reset, HO2S Heater Learn (Reset) & Idle Learn (Reset)*
    - *New Generation 3 Transmission support includes Fast Learn Adaption Process*
    - *ABS codes, data, functional tests & special functions:*
      - *Automated Brake Bleeding*
      - *Steering Wheel Angle Sensor Learn*
    - *HVAC special functions – HVAC Actuators Learn*
- **Volt 1.4L/Electric (2012 – 2015):**
  - Engine, Transmission, Antilock Brakes, Airbag, Auxiliary Transmission Fluid Pump, Battery Charger Control Module, Battery Energy Control Module, Body Control Module, Drive Motor 1 & 2 Control Modules, Electric Power Steering, Heating Ventilation Air Conditioning, Instruments, Keyless Entry, Parking Assist Control Module, Radio & Steering Wheel Angle Sensor



## Holden (continued)

### Models Updated to 2016:

- Barina Spark, Barina TM, Colorado 7, Colorado RG, Cruze JH Series II & Malibu

### New Systems Added:

- **Caprice WN/WN Series 2 3.6L, 6.0L & 6.2L (2013 – 2016):**
  - Body Control Module (HID Headlamp models) – code functions, data, functional tests & special functions, including:
    - *HID low beam headlamp functional test*
    - *Brake Pedal Position Sensor Calibration*
    - *Clear Driver & Passenger Window Learned Values*
    - *Read LIN BUS Device ID Information*
    - Headlamp Control Module – codes, data, functional tests & special functions:
      - *Headlamp Levelling Sensor Learn*
- **Captiva CGII MY16 2.2L-DT, 2.4L & 3.0L (2016):**
  - Power Steering Control Module – code functions & functional test
  - Radio – code functions, data & functional tests

### Added Functionality for Existing Systems:

- **Commodore VF/VF Series 2 & Caprice WN/WN Series 2 (2013 – 2016):**
  - 3.6L LFX Engine – enhanced data, functional tests & special functions including:
    - *Specific data & tests for automatic & manual transmission variants*
    - *Brake Pedal Position Sensor Learn (A/T) & Clutch Pedal Position Sensor Learn*
    - *Automated Injector Balance*

**Automated Injector Balance is a new function for the 3.6L LFX that automatically cuts each fuel injector consecutively and records the fuel pressure drop results for each one.**

- *Crankshaft Position Sensor Variation Learn*
- *Camshaft Actuator functional tests*
- *Depressurise Fuel System*

**Safely reduce fuel system pressure prior to disconnecting fuel lines using the new Depressurise Fuel System test.**

- *HO2S Heater functional tests*
- *Reset & learn functions including – Idle Learn Reset, HO2S Heater Learn*
- 6.2L LS3 – enhanced data, functional tests & special functions including:
  - *Specific data & tests for automatic & manual transmission variants*
  - *Clutch Pedal Position Sensor Learn (manual) added to existing Brake Pedal Position Learn (auto variants)*
  - *Cooling Fan Variable Speed Control*
- 6.2L LSA – enhanced data, functional tests & special functions including:
  - *Specific data & tests for automatic & manual transmission variants*
  - *Brake Pedal Position Sensor Learn (A/T) & Clutch Pedal Position Sensor Learn*
  - *Starter Relay functional test*
- Transmission – enhanced data & functional test - *Shift Transmission*
- ABS – special functions
  - *Automated Brake Bleed*
  - *Yaw Rate Sensor Learn*
- Airbag – *Yaw Rate Sensor Learn*

## Holden (continued)

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

- **Commodore VF/VF Series 2 & Caprice WN/WN Series 2 (2013 – 2016) (continued):**

- Chassis Control Module (LSA) – data & tests for BiModal exhaust:

**Chassis Control coverage for 6.2L-SC LSA models now includes support for BiModal Exhaust - data specific to exhaust flow control valve, functional test & "learn" function.**

- Electric Power Steering – enhanced data
- Front View Camera Module Special Function – *Front View Camera Module Learn*

**The Front View Camera Module Learn function is required after replacement of the windscreen mounted camera.**

- HVAC – module setup tests:
  - Actuator Recalibration
  - Afterblow Option

**The Afterblow function allows the ability to enable the Afterblow option. This feature runs the blower motor for a set time after the engine is turned off to help with reducing microbial growth, minimising the odours from the HVAC system.**

- Instrument Cluster Control Module – *new special functions to view stored VIN, view Traceability number & perform a CAN Bus Configuration Learn*
- Radio – speaker functional tests

- **Cruze JG 1.4L-T, 1.6L-T & 1.8L (2011 – 2016):**

- 1.8L Engine – additional special functions:
  - *Clutch Pedal Position Sensor Learn*
  - *Engine Oil Life Reset*
  - *Fuel Trim Reset*
- Radio - speaker functional tests

- **Cruze JH 1.4L-T, 1.6L-T, 1.8L & 2.0L-DT (2011 – 2016):**

- 1.6L-T Engine – additional tests added:
  - *Cooling Fan 1/2/3 relay activation*
  - *HO2S B1S1 & B1S2 Heater functional tests*
  - *Malfunction Indicator Lamp activation*
  - *Starter Relay functional test*
- 1.8L Engine – enhanced live data & additional functional tests added:
  - *Additional system data for engine cooling & HVAC systems*
  - *Cooling Fan 1/2/3 relay activation*
  - *HO2S B1S1 & B1S2 Heater functional tests*
- Body Control Module – additional functional tests added:
  - *Child Security Lock Motors*
  - *Door Dead Lock*
  - *Generator Regulator Set Point %*
  - *Low Beam lamp operation for models with and without Daytime Running Lamps*
  - *Rear Washer*
  - *Rear Wiper*
- Radio - speaker functional tests

**Check for correct speaker operation on Captiva, Cruze & Commodore VF by performing the new Individual speaker tests added for 16.4!**



## Holden (continued)

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

- **Trax 1.4L-T & 1.8L (2014 – 2016):**
  - 1.4L-T Engine – enhanced data & functional tests added:
    - *Additional system data for engine cooling & HVAC systems*
    - *HO2S B1S1 & B1S2 Heater functional tests*
    - *Turbocharger Learned Values Reset*
  - 1.8L Engine – additional functional tests:
    - *Cooling Fan 1/2/3 relay activation*
    - *HO2S B1S1 & B1S2 Heater functional tests*
    - *Throttle Sweep functional test*
  - Airbag (2015 – 2016) – *Yaw Rate Sensor Learn Reset*
  - HVAC (2016) – *HVAC Actuators Learn*

***When removing or replacing the HVAC control module or actuator, the Actuator Recalibration process should be performed to ensure correct HVAC system operation***

## Holden 16.4 Software – Quick Facts:

**15 new models or model variations!**

**All models released up to mid-2016 supported, including new European sourced variants!**

**Deep coverage includes Oil Life Resets & service functions!**

**Models between 2009 & 2016 receive new content!**

**Some models now support over 20 systems!**

## Hyundai

- **One Touch Code Scan and Clear All Codes extended to the 2016 model year!**

### **New Models Added:**

- **Accent RB 1.4L Sedan & Hatchback (2015 – 2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Auto A/C, Body Control Module, Electric Power Steering & Immobiliser
  - Coverage highlights:
    - *Engine support includes functional tests & special functions:*
      - *Injector Disable*
      - *Output controls*
      - *Adaptive Values Reset*
    - *CVT Transmission coverage includes Reset Auto Transmission Adaptive Values*
    - *ABS codes, data, functional tests & special functions:*
      - *Air Bleeding*
      - *G Sensor Calibration*
      - *Output controls*
      - *Steering Angle Sensor Reset*
    - *Electric Power Steer – Wheel Alignment Procedure supported*
- **Genesis 3.8L (2014 – 2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Auto A/C, Automatic Headlamp Levelling System, Body Control Module, Cluster Module, Door Modules (Driver & Passenger, Electronic Parking Brake, Four Wheel Drive Control, Haptic Steering Warning System, Head Up Display, Multi-Function Switch, Power Seat Module, Power Trunk Module, Seat Switch – Driver, Seat Lumbar Bolster, Smart Cruise Control, Smart Junction Box, Smart Key Unit, Steering Column Module, Steering Wheel Remote Control & Tyre Pressure Monitor
  - Coverage highlights:
    - *Engine support includes functional tests & special functions:*
      - *Injector Disable*
      - *Output controls*
    - *Transmission coverage includes Reset Auto Transmission Adaptive Values*
    - *ABS codes, data, functional tests & special functions:*
      - *Air Bleeding*
      - *G Sensor Calibration*
      - *Output controls*
      - *Steering Angle Sensor Reset*
    - *Automatic Headlamp Levelling Start Point Setting*
    - *Electric Power Steering – EPS Type Recognition*
    - *Power Seat Module special functions including user options & seat limit position setting*
    - *Smart Junction Box – program user option settings such as turn signal settings*
    - *Steering Column Module – enable/disable steering easy access & adjust the steering limit position setting*

## Hyundai (continued)

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

- **Sonata LF 2.0L-T & 2.4L (2015 – 2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Auto A/C, Automatic Headlamp Levelling System, Blind Spot Detection, Body Control Module, Cluster Module, Door Module (Driver & Passenger), Electronic Parking Brake, Electronic Power Steering, Lane Departure Warning System, Power Seat Module, Smart Cruise Control, Smart Junction Box, Smart Key Unit & Tyre Pressure Monitor
  - Coverage highlights:
    - *Engine support includes functional tests & special functions:*
      - *Injector Disable*
      - *Output controls*
      - *Adaptive Values Reset*
    - *Transmission coverage includes Reset Auto Transmission Adaptive Values*
    - *ABS functional tests & special functions:*
      - *Air Bleeding*
      - *Auto Detected Configuration Reset*
      - *Longitudinal G Sensor Calibration*
      - *Steering Angle Sensor Reset*
    - *Automatic Headlamp Levelling Start Point Setting*
    - *Electric Parking Brake Maintenance Mode*
    - *Electric Power Steering – EPS Type Recognition*
    - *Power Seat Mod special functions inc. user options & seat limit position setting*
    - *Smart Junction Box – program user option settings such turn signal settings*
  
- **Tucson TL/TLe 1.6L-T, 2.0L, 2.0L GDI & 2.0L-DT (2015 – 2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Auto A/C, Automatic Headlamp Levelling System, Blind Spot Detection, Body Control Module, Cluster Module, Electronic Power Steering, Four Wheel Drive Control, Lane Departure Warning System, Power Tailgate, Smart Junction Box, Smart Key Unit & Tyre Pressure Monitor
  - Coverage highlights:
    - *Diesel engine support includes functional tests and special functions:*
      - *DPF Regeneration*
      - *Engine Test Function*

***The Engine Test Function is used for engine speed comparison of each cylinder without injection, without cylinder balancing and with cylinder balancing as applicable. Use this test for assistance in diagnosing engine mechanical or diesel injector issues***

- *Essential Work After Component Replacement - system reset and learn functions*
- *Petrol engine support includes functional tests & Reset Adaptive Values*
- *DSG Transmission now supported for 1.6L-T*
- *Transmission support for 2.0L, 2.0L-GDI & 2.0L-DT includes functional tests & Reset Auto Transmission Adaptive Values*
- *ABS coverage includes functional tests & special functions:*
  - *Automated Brake Bleeding*
  - *Longitudinal G Sensor Calibration*
  - *Steering Angle Sensor Reset*
  - *Variant Coding*
- *Electric Power Steering – special functions:*
  - *ASP Calibration*
  - *ESP Type Recognition*
- *Four Wheel Drive Clutch Learning - read, reset & write special functions*

## Hyundai (continued)

### **Models Updated to 2016:**

- Accent RB, Elantra MD, i20, i30, i40, iLoad, iMax, ix35, Santa Fe & Veloster

### **New Systems Added:**

- **i30 GD 1.6L-DT (2015 – 2016):**
  - Transmission (DSG) – code functions, data & functional tests
- **Veloster 1.6L-GDI & 1.6L-T (2012 – 2016):**
  - Transmission (DSG) – code functions, data & functional tests

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

- **i40 1.7L-DT (2016):**
  - Engine – *Essential Work after Component Replacement. System resets and learn functions, including:*
    - Accelerator Pedal Sensor Module Replacement
    - Air Flow Sensor Replacement
    - Converter Assembly (LNT & DPF) Replacement
    - Differential Pressure Sensor Replacement
    - EGR Valve Replacement
    - Lambda Sensor Replacement
    - Rail Pressure Sensor Replacement
    - Swirl Control Valve Replacement
    - Throttle Valve Replacement
    - VGT Actuator Replacement
- **iLoad & iMax 2.4L (2016):**
  - Engine – *Reset Adaptive Values*
- **ix35 2.0L, 2.0L-DT & 2.4L (2010 – 2016):**
  - Transmission – *Reset Auto Transmission Adaptive Values*
  - HVAC (2016) – functional Tests
- **Santa Fe DM/DM2/DM3 2.2L-DT & 2.4L-GDI (2013 – 2016):**
  - Transmission – *Reset Auto Transmission Adaptive Values*

**In for 2016, Hyundai now use a combination of Dual Clutch, CVT & conventional type transmissions – all are covered in 16.4!**

**Diagnose diesel Hyundai & Kia models quicker than ever before with the help of the new Engine Test Function!  
Complete more jobs correctly for less comebacks with the expanded System Reset's & Learns!**

## Kia

- **One Touch Code Scan and Clear All Codes extended to the 2016 model year!**

### New Models Added:

- **Optima JF 2.0L-T GDI & 2.4L GDI (2015 – 2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Auto A/C, Automatic Headlamp Levelling System, Adaptive Front Lighting, Blind Spot Detection, Body Control Module, Cluster Module, Door Module (Driver & Passenger), Electronic Parking Brake, Electronic Power Steering, Power Seat Module, Smart Junction Box, Smart Cruise Control, Smart Key Unit, Smart Parking Assist & Tyre Pressure Monitor
  - Coverage highlights:
    - *Engine support includes functional tests & special functions:*
      - *Auto Detected Configuration Reset*
      - *Output Controls*
      - *Reset Adaptive Values*
    - *Transmission coverage includes functional tests and Reset Auto Transmission Adaptive Values*
    - *ABS coverage includes functional tests & special functions:*
      - *Air Bleeding*
      - *Auto Detected Configuration Reset*
      - *Longitudinal G Sensor Calibration*
      - *Steering Angle Sensor*
    - *Automatic Headlamp Levelling System – Level Initialisation supported*
    - *Electronic Parking Brake Maintenance Mode supported*
    - *Electric Power Steering EPS Type Recognition supported*
    - *Power Seat Module special functions including user options including seat easy access settings*
    - *Smart Junction Box – program user option settings such turn signal settings*
- **Picanto 1.2L (2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Auto A/C, Body Control Module, Electronic Power Steering, Smart Key Unit & Tyre Pressure Monitor
  - Coverage highlights:
    - *Engine support includes functional tests & special functions:*
      - *Output Controls*
      - *Reset Adaptive Values*
    - *Transmission coverage includes functional tests and Reset Auto Transmission Adaptive Values*
    - *ABS coverage includes functional tests & special functions:*
      - *Air Bleeding*
      - *Auto Detected Configuration Reset*
      - *G Sensor Calibration*
      - *Steering Angle Sensor*
    - *Electric Power Steering Wheel Alignment Procedure supported*

## Kia (continued)

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

- **Sorento UM 2.2L-DT & 3.3L (2015 – 2016):**

- Engine, Transmission, Antilock Brakes, Airbag, Auto A/C, Automatic Headlamp Levelling System, Adaptive Front Lighting, Blind Spot Detection, Body Control Module, Cluster Module, Door Modules (Driver & Passenger), Electronic Parking Brake, Electronic Power Steering, Four Wheel Drive Control, Lane Departure Warning System, Power Seat Module, Power Tailgate, Smart Cruise Control, Smart Junction Box, Smart Key Unit, Smart Parking Assist & Tyre Pressure Monitor
- Coverage Highlights:
  - **Up to 23 systems supported!!**
  - 2.2L-DT engine coverage includes functional tests & special functions:
    - DPF Regeneration
    - Engine Test Function

**The Engine Test Function is used for engine speed comparison of each cylinder without injection, without cylinder balancing and with cylinder balancing as applicable. Use this test for assistance in diagnosing engine mechanical or diesel injector issues**

- Essential Work After Component Replacement - System resets and learn functions, including:
  - Accelerator Pedal Sensor Module Replacement
  - Air Flow Sensor Replacement
  - Converter Assembly (LNT & DPF) Replacement
  - Differential Pressure Sensor Replacement
  - EGR Valve Replacement
  - Lambda Sensor Replacement
  - Rail Pressure Sensor Replacement
  - Swirl Control Valve Replacement
  - Throttle Valve Replacement
  - VGT Actuator Replacement
- Output Controls
- Petrol engine coverage includes functional tests & special functions
- Transmission Reset Auto Transmission Adaptive Values function supported
- ABS functional tests and special functions:
  - Air Bleeding
  - G Sensor Calibration
  - Steering Angle Sensor Reset
- Adaptive Front Lighting Calibration supported
- Automatic Headlamp Levelling System special functions:
  - Headlamp Levelling
  - Parameter Setting & Zero Position Initialisation
- Electronic Parking Brake Maintenance Mode supported
- Four Wheel Drive Clutch Learning - read, reset & write special functions
- Power Seat Module user option special functions including Seat Easy Access
- Smart Junction Box – program user option settings such turn signal settings



## Kia (continued)

### New Models Added (continued):

- **Sportage QL 2.0L, 2.0L-DT & 2.4L (2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Auto A/C, Automatic Headlamp Levelling System, Blind Spot Detection, Body Control Module, Cluster Module, Electronic Power Steering, Four Wheel Drive Control, Power Tailgate, Smart Junction Box, Smart Key Unit, Smart Parking Assist & Tyre Pressure Monitor
    - *2.0L-DT engine coverage includes functional tests & special functions:*
      - *DPF Regeneration*
      - *Engine Test Function: Engine speed comparison of each cylinder without injection, without cylinder balancing and with cylinder balancing*
      - *Essential Work After Component Replacement - System resets and learn functions, including:*
        - *Accelerator Pedal Sensor Module Replacement*
        - *Air Flow Sensor Replacement*
        - *Convertor Assembly (LNT & DPF) Replacement*
        - *Differential Pressure Sensor Replacement*
        - *EGR Valve Replacement*
        - *Lambda Sensor Replacement*
        - *Rail Pressure Sensor Replacement*
        - *Swirl Control Valve Replacement*
        - *Throttle Valve Replacement*
        - *VGT Actuator Replacement*
      - *Output Controls*
    - *Petrol engine coverage includes functional tests & special functions*
    - *Transmission Reset Auto Transmission Adaptive Values function supported*
    - *ABS functional tests and special functions:*
      - *Air Bleeding*
      - *G Sensor Calibration*
      - *Steering Angle Sensor Reset*
    - *Automatic Headlamp Levelling System Starting Point Setting*
    - *Electric Power Steering – ASP Calibration*
    - *Four Wheel Drive Clutch Learning - read, reset & write special functions*
    - *Smart Junction Box – program user option settings such turn signal settings*

### Models Updated to 2016:

- **Carnival, Cerato, Rio, Rondo & Soul**

### Added Functionality for Existing Systems:

- **Carnival YP 2.2L-DT (2016):**
  - Diesel engine special functions
    - *Engine Test Function: Engine speed comparison of each cylinder without injection, without cylinder balancing and with cylinder balancing as applicable*
    - *Essential Work After Component Replacement - system resets and learn functions*

**Diagnose diesel Hyundai & Kia models quicker than ever before with the help of the new Engine Test Function!**  
**Complete more jobs correctly for less comebacks with the expanded System Reset's & Learns!**

## Lexus\*

- **One Touch Code Scan and Clear All Codes extended to the 2016 model year!**

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

- **GS F 5.0L (2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Automatic Headlamp Levelling System, Body Control Module, Blind Spot Monitor, Cruise Control, Door Motor Modules, Electric Power Steering, Gateway, Heating & A/C, Intuitive Parking Assist, Instruments, Lane Departure Alert, Master Switch Module, Mirror Modules, Navigation System, Power Source, Pre-Collision-2, Seat Module Driver, Sliding Roof, Smart Key Access, Starting Control, Tilt-Telescope Steering Column & Tyre Pressure Monitor
- **GS 200t 2.0L-T (2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Automatic Headlamp Levelling System, Back Door Module, Body Control Module, Blind Spot Monitor, Door Motor Modules, Electric Power Steering, Heating & A/C, Instruments, Master Switch Module, Navigation System, Power Source, Pre-Collision-2, Sliding Roof, Smart Key Access, Starting Control, Tilt-Telescope Steering Column & Tyre Pressure Monitor
- **IS 200t 2.0L-T (2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Automatic Headlamp Levelling System, Body Control Module, Blind Spot Monitor, Door Motor Modules, Electric Power Steer, Gateway, Heating & A/C, Instruments, Lane Departure Alert, Master Switch Module, Mirror Modules, Navigation System, Power Source, Pre-Collision-2, Sliding Roof, Smart Key, Starting Control, Tilt-Telescope Steering Column & Tyre Pressure Monitor
- **RC 200t 2.0L-T (2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Automatic Headlamp Levelling System, Body Control Module, Blind Spot Monitor, Door Motor Modules, Electric Power Steering, Heating & A/C, Instruments, Lane Departure Alert, Master Switch Module, Mirror Modules, Navigation System, Power Source, Pre-Collision-2, Sliding Roof, Smart Key Access, Starting Control, Tilt-Telescope Steering Column & Tyre Pressure Monitor

### **Models Updated to 2016:**

- **CT 200h, ES 300h, ES 350, GS 350, GS 450h, IS 350, LS 460, LS 600h, LX 570, NX 200t, NX 300h, RC 350, RC F, RX 350 & RX 450h**

### **New Systems Added:**

- **Blind Spot Monitor (Master & Slave):**
  - Includes code functions, data & Customise settings (where applicable):
    - ES 350, ES 350h (2013 – 2016)
    - GS 350, GS 450h (2013 – 2016)
    - IS 350 (2014 – 2016)
    - LS 460, LS 600h (2012 – 2016)
    - LX 570 (2016)
    - NX 200t, NX 300h (2015 – 2016)
    - RC 350, RC F (2015 – 2016)
    - RX 350, RX 450h (2011 – 2016)

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

## Lexus\* (continued)

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

- **Navigation:**
  - Includes code functions, data & functional tests (where applicable):
    - CT 200h (2011 – 2016)
    - ES 350, ES 350h (2013 – 2016)
    - GS 350, GS 450h (2013 – 2016)
    - IS 350 (2014 – 2016)
    - LS 460, LS 600h (2012 – 2016)
    - LX 570 (2013 - 2016)
    - NX 200t (2015 – 2016)
    - RC 350, RC F (2015 – 2016)
    - RX 350, RX 450h (2011 – 2016)

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

- **Heating & Air Conditioning Control Module – Customise Settings**
  - Allows the vehicle HVAC settings to be changed to suit customer preferences. Items such as the following may be available:
    - *Air Inlet mode*
    - *Compressor mode*
    - *Outlet door settings*
    - *Fan speed increment control*
    - *Vent temperature adjustment*
  - Supported for many models from 2011 – 2016
- **Body Control Module – Customise Settings**
  - Allows the vehicle BCM settings to be changed to suit customer preferences. Items such as the following may be available:
    - *Auto headlamp sensitivity*
    - *Auto lock activation & time setting*
    - *Illumination settings*
    - *Panic function*
    - *Power window operation on lock/unlock*
    - *Sunshade settings*
    - *Trunk/boot Lid operation*
  - Supported for many models from 2011 – 2016
- **Door Motor Driver/ Front Passenger Control Modules – Customise Settings**
  - Allows the front vehicle door module settings to be changed to suit customer preferences. Items such as the following may be available:
    - *Window auto up*
    - *Window auto down*

**\*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 2016 model year!**

### **New Models Added:**

- **CX-3 1.5L-DT & 2.0L (2015 – 2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Adaptive Front Lighting, Blind Spot Monitoring, Body Control Module, Electronic Automatic Temperature Control, Electronic Power Steering, Forward Sensing Camera, Four Wheel Drive Module, Instruments & Smart Start Unit
  - Coverage Highlights:
    - *1.5L-DT SKYACTIV-D support includes functional tests & special functions:*
      - *Output controls including individual injector cut tests*
      - *Initialisation functions:*
        - *EGR*
        - *Turbocharger*
        - *Electronic Throttle Body*
      - *Reset functions:*
        - *Engine Oil Data*
        - *Fuel Pump Data*
        - *Injector Data*
        - *MAF Data*
        - *O2 Sensor Data*
    - *2.0L SKYACTIV-G support includes functional tests*
      - *Fuel Pump*
      - *Individual injector cut tests*
      - *Oil Pressure Solenoid Valve*
    - *ABS Initialisation functions:*
      - *Brake Fluid Pressure Sensor*
      - *Lateral Acceleration Sensor*
      - *Longitudinal Acceleration Sensor*
      - *Yaw Rate Sensor*
- **MX-5 ND 1.5L & 2.0L (2015 – 2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Adaptive Front Lighting, Body Control Module, Electronic Automatic Temperature Control, Electronic Power Steering, Instruments & Smart Start Unit
  - Coverage Highlights:
    - *1.5L & 2.0L SKYACTIV-G support includes functional tests:*
      - *Fan Duty Cycle %*
      - *Fuel Pump*
      - *Individual injector cut tests*
      - *Oil Pressure Solenoid Valve*
    - *ABS Initialisation functions:*
      - *Brake Fluid Pressure Sensor*
      - *Lateral Acceleration Sensor*
      - *Longitudinal Acceleration Sensor*
      - *Yaw Rate Sensor*
    - *Adaptive Front Lighting – Auto Levelling Sensor Calibration*

### **Models Updated to 2016:**

- **BT-50, CX-5, CX-9, Mazda 2, Mazda 3 & Mazda 6**

## Mazda (continued)

### New Systems Added:

- **Mazda 2 DJ 1.5L (2015 – 2016):**
  - Smart Start Unit – code functions, data & functional tests
- **Mazda 6 GJ 2.2L-DT & 2.5L (2016):**
  - Electronic Parking Brake – code functions, data & maintenance mode instructions
- **Mazda CX-5 2.0L, 2.2L-DT & 2.5L (2016):**
  - Electronic Parking Brake – code functions, data & maintenance mode instructions

### Added Functionality for Existing Systems:

- **Mazda 2 DJ 1.5L (2015 – 2016):**
  - Engine – additional functional tests:
    - *Air Conditioning Compressor Cycling Switch*
    - *Desired Idle Speed*
    - *EVAP Purge Duty Cycle %*
    - *EVAP Vent Valve*
    - *Fan Duty Cycle %*
    - *Fuel Pump*
    - *Oil Pressure Solenoid Valve*
  - ABS – additional special functions:
    - *Longitudinal Acceleration Sensor Initialisation*
    - *Yaw Rate Sensor Initialisation*
- **Mazda 3 BM 2.0L, 2.2L-DT & 2.5L (2014 – 2016):**
  - ABS – additional special functions:
    - *Brake Fluid Pressure Sensor Initialisation*
    - *Lateral Acceleration Sensor Initialisation*
    - *Yaw Rate Sensor Initialisation*
- **Mazda 3 BL (2009 – 2013):**
  - ABS – functional tests & special functions:
    - *Brake Fluid Pressure Sensor*
    - *Lateral Acceleration Sensor*
    - *Longitudinal Acceleration Sensor*
    - *Yaw Rate Sensor*
    - *Output controls*
- **Mazda 6 GJ (2013 – 2016):**
  - Transmission – functional tests
- **Mazda CX-5 2.2L-DT (2012 – 2016):**
  - Engine – additional special functions:
    - *EGR initialisation*
    - *Electronic Throttle Body initialisation*
    - *Injection Amount Correction*
    - *Turbocharger Initialisation*

## Nissan

### Added Functionality for Existing Systems:

- **Juke F15 Series 2 1.2L-T (2015):**
  - Engine – functional tests & special functions now supported:
    - *Output controls, including:*
      - Exhaust Valve Timing Control Solenoid Valve
      - Fuel Pump Relay
      - Turbocharger Wastegate Control Solenoid Valve
    - *Injection Pump Adaptives*
    - *Resets after component replacement:*
      - Camshaft Position Sensor
      - Crankshaft Position Sensor
      - Electronic Throttle Control Actuator
      - Fuel Injector
      - Fuel Rail Pressure Sensor
      - High Pressure Fuel Pump
      - Turbocharger
      - Turbocharger Wastegate
    - *Miscellaneous learning procedures*

## Ssangyong

- **One Touch Code Scan and Clear All Codes introduced for keyless platforms – Verus Edge, Verus Pro, Verus with Wireless module, Verdict, Modis Ultra, Solus Ultra and Solus Edge**
- **Most models and systems supported for 2001 to 2016 model years**

### New Models Added:

- **Korando 2.2L-DT (2010 – 2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module, Electric Power Steering, Smart Key Module & Tyre Pressure Monitor
- **Rexton W 2.2L-DT (2012 – 2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module, Remote Key Integrated Control, Smart Key Module, Speed Sensing Power Steering, Trans Gear Shift Lever, Tyre Pressure Monitor & Transfer Case Control Unit
- **Stavic / Rodius II 2.2L-DT (2013 – 2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module, Remote Key Integrated Control, Smart Key Module, Speed Sensing Power Steering, Trans Gear Shift Lever, Tyre Pressure Monitor & Transfer Case Control Unit
- **Tivoli 1.6L & 1.6L-DT (2015 – 2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module, Electric Power Steering, Smart Key Module & Tyre Pressure Monitor

### Models Updated to 2016:

- **Actyon Sports II, Chairman W, Korando, Rexton W & Stavic/Rodius II**



## Ssangyong (continued)

### Added Functionality for Existing Systems:

- **Engine – diesel special functions:**
  - Diesel special functions now supported for many Ssangyong diesel engine models. Supported functions vary model to model, but can include:
    - *Catalyst Diesel Particulate Filter Information*
    - *Injector Correction*
    - *Leak Detection*
  - Supported for many models from 2004 – 2016:
    - Actyon Sports II 2.0L-DT (2012 – 2016)
    - Actyon 2.0L-DT (2006 – 2011)
    - Actyon Sports 2.0L-DT (2006 – 2011)
    - Korando 2.0L-DT & 2.2L-DT (2010 – 2016)
    - Kyron 2.0L-DT & 2.7L-DT (2005 – 2012)
    - Rexton W 2.0L-DT & 2.2L-DT (2012 – 2016)
    - Rexton II 2.0L-DT & 2.7L-DT (2006 – 2013)
    - Rexton 2.7L-DT (2004 – 2006)
    - Stavic/Rodius II 2.0L-DT & 2.2L-DT (2013 – 2016)
    - Stavic/Rodius 2.0L-DT & 2.7L-DT (2004 – 2013)
    - Tivoli 1.6L-DT (2015 – 2016)

## Suzuki

- **One Touch Code Scan and Clear All Codes introduced for keyless platforms – Verus Edge, Verus Pro, Verus with Wireless module, Verdict, Modis Ultra, Solus Ultra and Solus Edge**
- **Most models and systems supported for 2005 to 2016 model years**

### New Models Added:

- **Celerio 1.0L (2014 – 2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module & Electronic Power Steering
  - Coverage Highlights:
    - *Code functions, data & functional tests supported:*
      - *Engine, Antilock Brakes & Body Control Module*
    - *Special function support for Antilock Brakes:*
      - *Hydraulic Control Test*
      - *ESP Function Setting*
      - *Sensor Calibration*
- **Vitara 1.6L (2015 – 2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module, Heating Ventilation & A/C, Electronic Power Steering & Four Wheel Drive
  - Coverage Highlights:
    - *Code functions, data & functional tests supported:*
      - *Engine, Antilock Brakes & Body Control Module*
    - *Special function support for Antilock Brakes:*
      - *Hydraulic Control Test*
      - *ESP Function Setting*
      - *Sensor Calibration*

## Suzuki (continued)

### Models Updated to 2016:

- APV, Grand Vitara, Jimny, S-Cross & Swift

### New Systems Added:

- **Jimny 1.3L (2006 – 2016):**
  - Four Wheel Drive Control Module – manual flash code read and clear

### Added Functionality for Existing Systems:

- **Jimny 1.3L (2014 – 2016):**
  - Engine – EGR % functional test
- **S-Cross JY 1.6L (2013 – 2016):**
  - Antilock Brakes – functional tests and special functions:
    - *Hydraulic Control Test*
    - *ESP Function Setting*
    - *Sensor Calibration* –

***Sensor Calibration is used to calibrate all sensors used in the Electronic Stability system at the same time. This is usually carried out after replacement of the ABS/ESP hydraulic control unit, memory loss (e.g. battery or fuse disconnect) or after a wheel alignment.***

- **Swift FZ 1.4L & 1.6L (2011 – 2016):**
  - Body Control Module – additional functional tests:
    - Keyless Entry BCM:
      - *Alarm Indicator*
      - *Rear Wiper*
    - Smart Key BCM:
      - *Rear Wiper*
      - *Warning Buzzer*

## Suzuki 16.4 Software – Quick Facts:

**7 2016 models supported with 8 different engine variations!**

**New or enhanced Suzuki coverage for models from 2006 to 2016!**

**11 Years of new Auto Code Scan & Clear All Codes support!**

## Toyota

- **One Touch Code Scan and Clear All Codes extended to the 2016 model year!**

### New Models Added:

- **Aurion 3.5L (2015 – 2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Automatic Headlamp Levelling System, Body Control Module, Blind Spot Monitor, Clearance Sonar, Cruise Control, Door Motor (Driver), Electric Motor Power Steering, Gateway, Heating & Air Conditioning, Intelligent Parking Assist, Instrument Panel Cluster, Lane Departure Alert, Mirror Modules, Navigation System, Power Source Control, Seat Module (Driver), Sliding Roof, Smart Key Access, Starting Control & Theft Deterrent
  - **Coverage for up to 25 systems!**
  - Coverage Highlights:
    - *Engine code functions, data & functional tests supported*
    - *Transmission functional tests & special functions:*
      - *A/T Compensation code read, save & write*
      - *Output controls*
      - *Reset Memory*
    - *ABS functional tests & special functions:*
      - *Air Bleeding*
      - *Reset Memory*
      - *Test Mode*
    - *BCM functional tests & special functions*
      - *Initialisation*
      - *Customise settings – change settings to suit customer preferences*
    - *HVAC customise settings – change settings to suit customer preferences*
- **Camry 2.5L (2015 – 2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module, Blind Spot Monitor, Clearance Sonar, Crash Prediction 2, Cruise Control, Door Motor (Driver), Electric Motor Power Steering, Gateway, Heating & Air Conditioning, Immobiliser, Intelligent Parking Assist, Instrument Panel Cluster, Lane Departure Alert, Mirror Modules, Navigation System, Power Source Control, Seat Module (Driver), Sliding Roof, Smart Key Access, Starting Control & Theft Deterrent
  - **Coverage for up to 26 systems!**
  - Coverage Highlights:
    - *Engine code functions, data & functional tests supported*
    - *Transmission functional tests & special functions:*
      - *A/T Compensation code read, save & write*
      - *Output controls*
      - *Reset Memory*
    - *ABS functional tests & special functions:*
      - *Air Bleeding*
      - *Reset Memory*
      - *Test Mode*
    - *BCM functional tests & special functions*
      - *BCM Initialisation*
      - *Customise settings – change settings to suit customer preferences*
    - *Crash Prediction customise settings – change settings to suit customer preferences*
    - *HVAC customise settings – change settings to suit customer preferences*

## Toyota (continued)

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

- **Camry 2.5L-Hybrid (2015 – 2016):**
  - Engine, Hybrid Control, Antilock Brakes, Airbag, Body Control Module, Blind Spot Monitor, Clearance Sonar, Cruise Control, Crash Prediction 2, Door Motor (Driver), Electric Power Steering, Heating & Air Conditioning, Intelligent Parking Assist, Instruments, Lane Departure Alert, Mirror Modules, Navigation, PM1 Gateway, Power Source Control, Smart Key Access, Seat Module (Driver), Sliding Roof & Theft Deterrent
  - **Coverage for up to 24 systems!**
  - Coverage Highlights:
    - *Engine code functions, data & functional tests supported*
    - *Hybrid Control code functions, data & functional tests supported*
    - *ABS functional tests & special functions:*
      - *Air Bleeding*
      - *Linear Valve Calibration*
      - *Reset Memory*
      - *Test Mode*
    - *HVAC – hybrid model specific data, functional tests and special functions.*
      - *Customise settings – change settings to suit customer preferences*
- **Coaster 4.0L-DT (2011 – 2016):**
  - Engine, Transmission & Antilock Brakes
  - Coverage Highlights:
    - *Engine support includes functional tests & special functions:*
      - *DPF Regeneration*
      - *Injector Programming*
      - *System reset, learn & special test functions*
- **Fortuner 2.8L-DT (2015 – 2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Automatic Headlamp Levelling System, Back Door Module, Cruise Control, Heating & Air Conditioning, Immobiliser, Instruments, Navigation, Power Source Control, Starting Control & Smart Key Access
  - Coverage Highlights:
    - *Engine coverage includes codes, data, functional tests & special functions:*
      - *Air Fuel Sensor Compensation Reset*
      - *Catalyst Replacement Procedure*
      - *DPF Regeneration*
      - *Individual cylinder cut with engine running*
      - *Injector Programming*
      - *Output controls*
      - *Pilot Quantity Learning (detail)*
    - *Transmission functional tests & special functions supported:*
      - *Output controls:*
        - *Solenoid commands*
        - *Shift transmission*
      - *ATF Thermal Degradation Reset*
      - *Reset Memory*
    - *ABS functional tests & special functions included:*
      - *Air Bleeding*
      - *Reset Memory*
      - *Test Mode*
    - *HVAC customise settings – change settings to suit customer preferences*

## Toyota (continued)

### New Models Added (continued):

- **Land Cruiser 200 4.5L-DT & 4.6L (2015 – 2016):**
  - Engine, Transmission, Antilock Brakes, Airbag, Accessory Gateway, Adaptive Front Lighting, Active Height Control Suspension, Auto Headlamp Levelling (4.6L), Body 4, Body Control Module, Back Door Module, Blind Spot Monitor, Cruise Control, Crash Prediction 2, Clearance Sonar, Door Motor (All), Heating & Air Conditioning, Immobiliser (4.5L-DT), Intelligent Parking Assist, Instrument Panel Cluster, Lane Keep Assist, Lane Departure Alert, Mirror Modules, Master Switch Module, Navigation System, Progressive Power Steering (4.5L-DT), Power Source Control, Starting Control, Smart Key Access, Seat Module (Driver), Sliding Roof, Tilt-Telescope Steering Column & Tyre Pressure Monitor
  - **Up to 36 systems available!!**
  - Coverage Highlights:
    - *New Euro 5 compliant 4.5L-DT engine support. Functional tests and special functions available:*
      - Air Fuel Sensor Compensation Reset
      - Catalyst Replacement Procedure
      - DPF Regeneration
      - Individual cylinder cut with engine running
      - Injector Programming
      - Output controls
      - Pilot Quantity Learning (detail)
      - Supply Pump Initialisation
    - *4.6L petrol engine support includes codes functions, data & functional tests*
    - *Transmission functional tests & special functions supported:*
      - Output controls:
        - Solenoid commands
        - Shift transmission
      - ATF Thermal Degradation Reset
      - Reset Memory
    - *ABS functional tests & special functions included:*
      - Air Bleeding
      - Reset Memory
      - Test Mode
    - *Blind Spot Monitor (Master & Slave) – code functions, data & special functions:*
      - Customise settings – change settings to suit customer preferences
    - *BCM functional tests & special functions*
      - BCM Initialisation
      - Customise settings – change settings to suit customer preferences
    - *HVAC coverage includes support for models with front and rear climate control.*
      - Functional tests & special functions:
        - Customise settings – change settings to suit customer preferences
        - Servo Motor Initialisation
    - *Sliding Roof – codes, data, functional tests & special functions:*
      - Output controls
      - Customise settings – change settings to suit customer preferences
    - *Navigation System Tests (premium version only e.g. Sahara) – check error history of individual parts of the system, e.g.:*
      - Map Information
      - Optical Disc Error History
      - Software Error History

## Toyota (continued)

### New Models Added (continued):

- **Prado (2015 – 2016):**
  - **2.8L-DT:** Engine, Transmission, Antilock Brakes, Airbag, Adaptive Front lighting, Air Suspension, Body Control Module, Blind Spot Monitor, Crash Prediction 2, Clearance Sonar, Door Motors (all), Driver Seat Switch, Heating & Air Conditioning, Intelligent Parking Assist, Instrument Panel Cluster, Master Switch Module, Navigation System, PM1/PM2 Gateway, Progressive Power Steering, Power Source Control, Starting Control, Smart Key Access, Seat Module (Driver), Sliding Roof, Tilt Telescope Steering Column & Tyre Pressure Monitor
  - **4.0L:** Engine, Transmission, Antilock Brakes, Airbag, Air Suspension, Body Control Module, Blind Spot Monitor, Door Motors (all), Electric Power Steering, Heating & Air Conditioning, Intelligent Parking Assist, Instrument Panel Cluster, PM1/PM2 Gateway, Progressive Power Steering, Smart Key Access, Seat Module (Driver) & Tyre Pressure Monitor
  - Coverage Highlights:
    - *New 2.8L-DT engine support. Functional tests and special functions available:*
      - Air Fuel Sensor Compensation Reset
      - Catalyst Replacement Procedure
      - DPF Regeneration
      - Individual cylinder cut with engine running
      - Injector Programming
      - Output controls
      - Pilot Quantity Learning (detail)
    - *4.0L petrol engine support includes codes functions, data & functional tests*
    - *Transmission functional tests & special functions supported:*
      - Output controls:
        - Solenoid commands
        - Shift transmission
      - ATF Thermal Degradation Reset
      - Reset Memory
    - *ABS functional tests & special functions included:*
      - Air Bleeding
      - Reset Memory
      - Test Mode
- **Prius 1.8L-Hybrid (2016):**
  - Engine, Antilock Brakes, Airbag, Automatic Headlamp Levelling System, Body Control Module, Crash Prediction 2, Door Motor (all), Electric Power Steering, Intelligent Parking Assist, Instrument Panel Cluster, Lane Keeping Assist/Lane Departure Alert, Master Switch Module, Navigation System, Power Source Control, Smart Key Access, Sliding Roof, Theft Deterrent & Tyre Pressure Monitor
  - Coverage Highlights:
    - *ABS functional tests & special functions:*
      - Air Bleeding
      - Linear Valve Calibration
      - Reset Memory
      - Test Mode

### Models Updated to 2016:

- **86, Corolla sedan & hatch, FJ Cruiser, Hiace, Hilux, Kluger, Land Cruiser 70, Prius C & V, RAV4, Tarago & Yaris**



## Toyota (continued)

### **New Systems Added:**

- **86 2.0L (2012 – 2016):**
  - Air Conditioning – code functions, data & functional tests
- **Corolla Hatch 1.8L (2015 – 2016):**
  - Transmission – code functions, data, functional tests & special functions
    - *New CVT Transmission variant available for Corolla 182 Hatch, includes:*
      - *Functional tests:*
        - *Shift Transmission*
        - *Solenoid output controls*
      - *Special functions:*
        - *ATF Thermal Degradation Estimate Reset*
        - *Deceleration Sensor Zero Point Calibration*
        - *Learning Value Reset*
        - *Reset Memory*
        - *CVT Oil Pressure Calibration*
  - Navigation System - code functions, data & system tests
    - *Check error history of individual parts of the system, e.g. :*
      - *Camera Synchronous Error History*
      - *Map Information*
      - *Optical Disc Error History*
      - *Software Error History*
      - *Video Device Connection Check*
- **Hiace 2.7L & 3.0L-DT (2015 – 2016):**
  - Cruise Control – code functions & data
  - Immobiliser - code functions, data & functional tests
  - Instrument Cluster Module – code functions, data & functional tests
- **Kluger 3.5L (2014 – 2016):**
  - Accessory Gateway – code functions & data
  - Back Door Module – code functions, data, functional tests & initialisation instructions
  - Intelligent Park Assist - code functions & data
  - Mirror Modules Left & Right - code functions, data & functional tests
  - Seat Module (Driver) - code functions, data & functional tests
- **Land Cruiser 200 4.5L-DT (2011 – 2015):**
  - Cruise Control – code functions & data
  - Intelligent Parking Assist - code functions & data
  - Master Switch Module - code functions & data
  - Navigation – code functions, data & system tests
  - Sliding Roof – code functions, data, functional tests & special functions:
    - *Output controls*
    - *Customise settings – change settings to suit customer preferences*
  - Smart Key Access - code functions, data & functional tests
  - Starting Control - code functions, data & functional tests
  - Tilt-Telescope Steering Column - code functions, data & functional tests

## Toyota (continued)

### New Systems Added (continued):

- **Prado 3.0L-DT & 4.0L (2014 – 2015):**
  - Air Suspension - code functions, data & functional tests
  - Intelligent Parking Assist - code functions & data
  - PM1 & PM2 Gateway Modules – code functions
  - Progressive Power Steering – code functions & data
  - Seat Module (Driver) – code functions, data & functional tests
  - Tilt-Telescope Steering Column - code functions, data & functional tests
  - Tyre Pressure Monitor – code functions, data & functional tests
- **Prius C 1.5L-Hybrid (2014 – 2016):**
  - Automatic Headlamp Levelling System - code functions, data & functional tests
- **Prius V 1.8L-Hybrid (2014 – 2016):**
  - Automatic Headlamp Levelling System - code functions, data & functional tests
- **RAV4 2.0L, 2.2L-DT & 2.5L (2014 – 2016):**
  - Automatic Headlamp Levelling System - code functions, data & functional tests
  - Back Door Module – code functions, data & functional tests
  - Seat Module (Driver) (2.0L & 2.5L) - code functions, data & functional tests
  - Intelligent Parking Assist - code functions & data
  - Theft Deterrent System – data & functional tests
  - Tyre Pressure Monitor – code functions, data & functional tests
- **Tarago 3.5L (2016):**
  - Navigation – code functions, data & system tests

### Added Functionality for Existing Systems:

- **86 2.0L (2012 – 2016):**
  - Body Control Module – additional data, functional tests & special functions:
    - *Main Body ECU Initialisation*

**Main Body ECU Initialisation is used to initialise the Gateway functionality of the Main Body ECU. It is used to prevent codes from logging when another ECU is permanently removed from the vehicle.**

- *Customise Settings, may include functions such as:*
  - *Auto headlamp sensitivity*
  - *Auto lock activation & time setting*
  - *Illumination settings*
  - *Trunk/boot Lid operation*
  - *Wireless Buzzer Volume Setting*

**Use the Customise Settings function to permanently change settings to suit customer preferences.**

- Instrument Cluster Module – additional data parameters & functional tests
- **Corolla 172 Sedan 1.8L (2014 – 2016)**
  - Transmission – *Deceleration Sensor Zero Point Calibration*

## Toyota (continued)

- **Hiace 3.0L-DT (2014 – 2016):**
  - Engine – additional data parameters, functional tests & special functions:
    - *Control EGR Step Position*
    - *Activate EGR Valve Close*
    - *Diesel Throttle Target Angle*
    - *Check Mode*
- **Hilux 2.8L-DT (2015 – 2016):**
  - Navigation System - system tests:
    - *Camera Synchronous Error History*
    - *Map Information*
    - *Optical Disc Error History*
    - *Software Error History*
    - *Video Device Connection Check*
- **Land Cruiser 4.5L-DT (2007 – 2010):**
  - Engine – additional data parameters & functional tests:
    - *EGR #2 Desired Opening*
    - *Fuel Pump*
    - *Turbo Step Motor*
    - *Turbo Step Motor #2*
    - *VN Turbo Open*
- **Land Cruiser 4.5L-DT (2011 – 2015):**
  - Engine – additional data parameters & functional tests:
    - *EGR #2 Desired Opening*
    - *Fuel Pump*
    - *Turbo Step Motor*
    - *Turbo Step Motor #2*
    - *VN Turbo Open*
  - Body Control Module– additional data parameters, functional tests & special functions:
    - *Main Body ECU Initialisation*
    - *Customise Settings. Items such as the following may be available:*
      - *Auto headlamp sensitivity*
      - *Auto lock activation & time setting*
      - *Illumination settings*
      - *Power Window Operation*
      - *Wireless Buzzer Volume Setting*
  - HVAC - additional data parameters, functional tests & special functions:
    - *New data parameters for front and rear A/C systems*
    - *Additional actuator tests for various front and rear system actuators*
    - *Customise Settings - change settings to suit customer preferences. Items such as the following may be available:*
      - *Air Inlet mode*
      - *Button Press Buzzer*
      - *Compressor mode*
      - *Outlet door settings*
      - *Fan speed increment control*
      - *Vent temperature adjustment*
  - Instrument Cluster Module – additional data parameters & functional tests

**Use the Customise Settings function in HVAC or BCM to permanently change settings to suit customer preferences.**

## European Manufacturers New for 16.4

### **AFL – Alfa Romeo-Fiat-Lancia**

- **One Touch Code Scan and Clear All Codes extended to the 2015 model year!**

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

- **500X (2015):**
  - Engine, Transmission, ABS, Airbag, Adaptive Cruise Control, Air-conditioning, Blind Spot Sensor L/R, Body Computer, Electric Power Steering, Electronic Steering Lock, Haptical Lane Feedback, Instrument Panel, Parking Assist, Radio Frequency Hub, Radio Receiver Module & Telematic Module

#### **Models Updated to 2015:**

- **Alfa Romeo – 4C, Guilietta & Mito**
- **Fiat – 500, 500L, Doblo (263), Ducato FL (250), Freemont & Scudo**

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

- **Alfa Romeo Guilietta:**
  - Electric Power Steering
- **Fiat 500X:**
  - Electric Steering Lock

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

- **Fiat 500L:**
  - Reactivate the Fuel Pump Inertia Switch (After Collison)
- **Service interval reset added:**
  - Fiat Freemont
  - Lancia Flavia & Voyager
- **Injector coding engine variants (CAN):**
  - Alfa Romeo Mito & Guilietta
  - Fiat 500, 500L, 500X, Doblo, Idea, Panda, Punto & Ducato
  - Lancia Ypsillion

### **BMW and Mini**

- **One Touch Code Scan and Clear All Codes extended to the 2015 model year!**

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

- **F54 Clubman petrol & diesel (2015):**
  - Engine, Transmission, Antilock Brakes, Airbag, Air Conditioning, Body Domain Controller, Car Information Computer/Radio, Electromechanical Power Steering, Instrument Panel, Park Distance Control, Parking Manoeuvring Assistant, Roof Function Centre & Tyre Pressure Monitoring

## BMW and Mini (continued)

### Models Updated to 2015:

- **BMW – i-series (i01, i12), 1-Series (F20/F21), 2-Series (F22/F23/F45/F46), 3-Series (F30/F31/F34/F80), 4-Series (F32/F33/F36/F82), 5-Series (F07/F10/F11), 6-Series (F06/F12/F13), 7-Series (F01/F02), X1 (E84/F48), X3 (F25), X4 (F26), X5 (F15), X6 (E71) & Z4 (E89)**
- **Mini – R55 Clubman, R56 Coupe, R57 Convertible, R58 Coupe, R59 Roadster, R60 Countryman, R61 Paceman, F54 Clubman, F55 5 Door & F56 3 Door**

### New Systems Added:

- **Convertible Top Module & Sliding Tilting Sun roof added:**
  - F20, F22, F45, F30, F30, F80, F34, F32, F33, F36, F82, E60, E61, F10, F11, F07, E87, E63, E64, F12, F13, F06, F01, F02
- **Increased Diesel injector coding:**
  - F20, F22, F45, E90, E91, F30, F30, F80, F34, F32, F33, F36, F82, E60, E61, F10, F11, F07, E87, E63, E64, F12, F13, F06, F01, F02
- **Wheel alignment UDS special functions added covering:**
  - F20, F22, F45, E90, E91, F30, F30, F80, F34, F32, F33, F36, F82, E60, E61, F10, F11, F07, E87, E63, E64, F12, F13, F06, F01, F02
  - MY2010 onwards

## Ford – European

### New Systems Added (continued):

- **Ad-Blue SCR added:**
  - Transit diesel models from 2015
- **Lane Departure added:**
  - Coverage from 2015 (self driven procedure)
  - S-Max
  - Galaxy
  - Mondeo
- **Rear HVAC added:**
  - Galaxy
  - Mondeo
  - Smax
- **Side obstacle detection added:**
  - Galaxy
  - Mondeo
  - Smax

### Added Functionality for Existing Systems:

- **Instrument panel actuators added**
  - Focus/C-Max, Fiesta, Kuga, Transit, Transit Custom, Transit Connect 2014, Courier, Mustang, Ranger

## Jaguar

### **New Systems Added:**

- **Blind spot Monitoring added:**
  - F, XF, XJ and XE models
- **Adaptive cruise control added:**
  - XF, XJ, XK and XE models
- **Gateway module added:**
  - XF, XJ, F-Type and XE models

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

- **Battery Reset's added:**
  - XF, XJ and XK models
- **Airbag Build Mode added:**
  - XF, XJ and XK models

## Land Rover and Range Rover

- **One Touch Code Scan and Clear All Codes extended to the 2015 model year!**

### **New Models Added:**

- **Discovery Sport L550 2.0L, 2.0L-DT & 2.2L-DT (2015):**
  - Engine, Transmission, Antilock Brakes, Airbag, Adaptive Damping Control Module, All Terrain Control Module, All Wheel Drive Control Module, Body Control Module, Door Modules, Gateway Module, Gear Shift Module, Headlamp Control Module, Heating Ventilation & Air Conditioning, Instruments, Keyless Vehicle Module, Restraints Occupant Classification System Module, Park Assist, Power Steering Control Module, Rear Gate/Trunk Module, Seat Modules, Speed Control Module, Steering Angle Sensor Module & Tyre Pressure Sensor Module
  - **Coverage for up to 27 systems!**
  - Includes Service Interval Reset
  - Includes Vehicle Reset function

### **Models Updated to 2015:**

- **Defender, Discovery 4, Range Rover, Range Rover Evoque & Range Rover Sport**

**6 Land Rover models supported in 2015!**

## Mercedes

### New Systems Added:

- **Ad-Blue (SCRMV):**
  - ML Class 164 & 221
  - Coverage includes special functions
- **New subsystems added:**
  - C205, S222
- **Rear end door closing module:**
  - ML Class 164
  - GL class 164
- **Air conditioning:**
  - SL Class 230/231

## Opel / Vauxhall

- **One Touch Code Scan and Clear All Codes extended to the 2015 model year!**

### New Models Added:

- **Corsa-E 1.0L, 1.2L, 1.3L-DT, 1.4L & 1.6L (2015):**
  - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module, Electric Power Steering, Instruments & Tyre Pressure Monitor
- **Vivaro-B 1.6L-DT (2015):**
  - Engine, Antilock Brakes, Airbag, Body System, Instrument Panel, Park Distance Control, Power Steering, Service Internal Reset, Switching Protection Unit, Tyre Pressure Monitor and Wheel Alignment

### Models Updated to 2015:

- **Adam, Agila-B, Ampera, Antara, Astra-J, Cascada, Combo-D, Corsa-D, Corsa-E, Insignia, Meriva-B, Mokka, Movano-B, Vivaro-B & Zafira-C**

### New Systems Added (continued):

- **New engines added:**
  - Adam, Cascada, Insignia, Zafira-C, Mokka, Meriva & Meriva B



## Porsche

- **One Touch Code Scan and Clear All Codes extended to the 2015 model year!**
- **Auto-ID Updated!**

### **New Models Added:**

- **Macan 2.0L-T, 3.0L-T, 3.0L-DT & 3.6L-T (2015):**
  - Engine, Transmission, Antilock Brakes, Airbag, Air Conditioning, Additional Compass Instrument, Adaptive Cruise Control, Additional Instrument Clock, All Wheel Drive, Auxiliary Heater, Brake Pad Replacement, Door Modules, Driver Side Seat Memory, Front End Electronics, Front Camera, Gateway, Instrument Panel, Headlight (Central), Lane Change Assist, Level Control/PASM, Park Assist, Parking Brake, Passenger Side Seat Memory, Power Steering, Rear Differential Lock, Rear-End Electronics, Rear Lid, Reducing Agent System, Reversing Camera, Service Interval Reset, Steering Wheel Electronics, Throttle Position Relearn, Tyre Pressure Monitor & Trailer Hitch

### **Models Updated to 2015:**

- **911, Boxster, Cayman, Cayenne & Panamera**

### **New Systems Added:**

- **Adaptive Cruise Control (Porsche Active Safe) system added across the range:**
  - Code functions, data, functional tests & relearns
- **Electronic power steering added:**
  - 911 (991), Panamera & Boxster/Cayman (981)
  - Code functions, data, functional tests & relearns
- **Lane Change Assist system:**
  - Cayenne & Panamera
  - Code functions, data, functional tests & relearns
- **Lever control system added:**
  - 911, Panamera, Boxster/Cayman
  - Code functions, data, functional tests & relearns
- **Navigation/Rear Camera Display system added across the range:**
  - Code functions, data, functional tests & relearns
- **Porsche Active Suspension Management (PASM) system added:**
  - Cayenne & Panamera - *Includes High Sensor System Calibration*
- **Porsche Dynamic Chassis Control (PDCC) system added:**
  - 911, Panamera & Cayenne
  - Code functions, data, functional tests & relearns
- **Seat Memory added:**
  - 911 (991), Panamera, Boxster/Cayman (981) & Cayenne
  - Code functions, data, functional tests & relearns
- **Wheel Drive/Transfer Case system added:**
  - Cayenne
  - Code functions, data, functional tests & relearns

## PSA Citroen and Peugeot

### **New Systems Added:**

- **Air Suspension added:**
  - Citroen Relay 3 & Dispatch 3
  - Peugeot Boxer 3 & Expert 3
- **BSI- new system coverage**
- **Driver seat module added:**
  - Citroen C8 Restyle
  - Peugeot 807 Restyle
- **Multifunction camera/lane departure warning added:**
  - Citroen C4 Picasso (B78), DS5 & Relay 3
  - Peugeot 3008 & Boxer 3
- **Service Module/Independent Telematics Module added:**
  - Citroen DS3, DS4, DS5, C3, C3 Picasso, C4, C5 x7 & Berlingo B9
  - Peugeot 208, 2008, 508, 5008, 308, 3008, Partner B9 & RCZ
- **Sliding door modules added:**
  - Citroen C8 Restyle
  - Peugeot 807 Restyle

## Renault

- **One Touch Code Scan and Clear All Codes extended to the 2015 model year!**

### **New Models Added:**

- **Kadjar 1.2L-T, 1.5L-DT & 1.6L-DT (2015):**
  - Engine, Transmission, Antilock Brakes, Airbag, Body System, Climate Control, Electronic Parking Brake, Instrument Panel, Lane Assist, Park Distance Control, Power Steering, Switching Protection Unit & Tyre Pressure Monitor

### **Models Updated to 2015:**

- **Captur, Clio IV, Kangoo II, Master III, Megane III, Megane III Coupe, Renault Sport Clio IV, Renault Sport Megane III & Trafic III**

### **New Systems Added:**

- **Tyre Pressure Monitor System:**
  - Added for all new models up to 2014
- **New ECU variants added for Engine, ABS, Body and switching protection**

## Smart

- One Touch Code Scan and Clear All Codes extended to the 2015 model year!

### Models Updated to 2015:

- Fortwo (453) & Forfour (453)

### New Systems Added:

- **Collision Prevention Assist:**
  - Coverage on all applicable models
- **Lane Departure Warning Multifunction Camera:**
  - Coverage on all applicable models
- **Seat Occupancy Sensor:**
  - Coverage on all applicable models

## VAG - Volkswagen-Audi-Seat-Skoda

### New Systems Added:

- **New system coverage for applicable vehicles:**
  - Back-up Reversing Camera system
  - Parking help Park assist / Parallel Parking system
  - Central convenience system
  - Information Electronics
  - Central Electronics
  - Auxiliary Heater Modules

## Volvo

- One Touch Code Scan and Clear All Codes extended to the 2015 model year!

### Models Updated to 2015:

- C30, C70, S60, S80, V40, V60, V70, XC60, XC70 & XC90

### New Systems Added:

- New engines added for S60, V60, XC60, S80 and V40 models

### Added Functionality for Existing Systems:

- **Oil Reset:**
  - User is now able to carry out oil service reset on all applicable models
- **Oil Level:**
  - User is now able to check the engine oil level diagnostically on all applicable models
- **Throttle adaptation** - Added on all applicable models

## USA Manufacturers

- **NEW 2016 USA domestic and Asian Coverage including GM<sup>®</sup>, Infiniti<sup>®</sup>, Lexus<sup>®</sup>, Mazda<sup>®</sup>, Nissan<sup>®</sup>, Scion<sup>®</sup>, Subaru<sup>®</sup> and Toyota<sup>®</sup>**
- **Access to over 98,000 NEW Codes, Tests, Tips and Data for 1996-2016 model years, with the most extensive coverage outside the factory tool**

### **USA Manufacturers 16.4 Highlights:**

- **Ford<sup>®</sup> Passive Anti-Theft System (PATS) Key System Additions**
  - Spare Key Programming using already programmed keys
- **Dodge<sup>®</sup>/RAM<sup>®</sup> 4500/5500 Series Truck Coverage**
  - 5.7L, 6.4L & 6.7L-DT
- **Chrysler<sup>®</sup> Electronic Limited Slip Differential**
  - Includes coverage for Grand Cherokee models
  - Includes "Quick Learn" test where supported by vehicle
- **Chrysler Adaptive Front Lighting System**
  - Includes coverage for Grand Cherokee models
  - Includes AFLS Calibration where supported by vehicle
- **Chrysler Forward Facing Camera Module**
  - Includes coverage for Cherokee & Grand Cherokee models
- **Ford 6.7L Glow Plug Test**
- **Honda<sup>®</sup>/Acura<sup>®</sup> Integrated Motor Assist (IMA) System Coverage**
- **Chrysler TPMS Threshold Adjustment Function**
- **Hyundai<sup>®</sup>/Kia<sup>®</sup> Electronic Power Steering Functions**
- **Hyundai Transmission Adaptations**
- **Nissan/Infiniti Body Control Module (BCM) Configuration**
  - Allows the vehicle BCM settings to be changed to suit customer preferences
- **General Motors – Buick, Cadillac, Chevrolet, GMC 2016 model year update**
  - Buick – Enclave, Encore, LaCrosse, Regal & Verano
  - Cadillac – ATS, CT6, CTS, ELR, Escalade, Limousine, SRX & XTS
  - Chevrolet – Camaro, Caprice, City Express, Colorado, Corvette, Cruze, Equinox, Express, Impala, Malibu, Silverado, Sonic, Spark, SS, Suburban, Tahoe, Traverse, Trax & Volt
  - GMC – Acadia, Canyon, Savana, Sierra, Terrain & Yukon

## USA Component Test Meter and Troubleshooter\*

### Enhanced Component Test Meter and Troubleshooter Coverage

- **Fast-Track<sup>®</sup> Troubleshooter coverage all the way back to 1980 with 15,300 new Tips and Timesavers, plus over 23,860 Guided Component Tests added, including:**
  - **Training and tips for Diesel Emission Systems, EVAP Systems and Body Systems Sub Codes Engine Drive Cycles**
  - **Guided Component Tests for Hybrid Electrical Diesel Emissions Components and enhanced Body Electrical Systems in domestic, Asian and European models**

### USA Vehicle CTM Makes:

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

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

### Component Test Meter:

- **Upgrade 16.4 now has 351,486 TESTS IN TOTAL!**
- **26 makes in total!**
- **NEW CTM MANUFACTURER:**
  - **Toyota (1999 - 2016)** – includes ABS coverage on supported models!

### European Vehicle CTM Makes:

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

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

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