

Australian 17.4 Software Release Details

17.4

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Australian Manufacturers New for 17.4

<< Quick Stats for Australian 17.4 Software >>

New for 17.4 (from 17.2):

CTM Update for 4 Australian makes including a huge update for Mazda!

***All new Ford Key Coding coverage for popular BF and FG models from 2005
– 2010!***

***Over 721 NEW, EXPANDED or ENHANCED Australian system selections for
17.4!***

2017 Model year coverage for 8 manufacturers in Australian software!

11 Australian manufacturers receive new or updated content in 17.4!

Over 31 New Australian models and model variants!

94 existing models updated to 2017!

New or enhanced content for Australian models from 1997 – 2017!

19 new system type selections across 5 Australian makes!

Ford

Added Functionality for Existing Systems:

- All new Key Coding, Parameter Reset and Remote Coding functions added[^]:
 - Falcon BF 4.0L and 4.0L-T (2005 – 2008)
 - Falcon FG 4.0L and 4.0L-T (2008 – pre 06/2010 build)
 - Territory SY 4.0L and 4.0L-T (2005 – 2009)
 - Territory SYII 4.0L (2009 – 2011)

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.

[^]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

New Models Added:

- **Canter 413 3.0L-DT Euro 5 (2017):**
 - Engine, Transmission (Duonic), Antilock Brakes and Airbag
 - Coverage Highlights:
 - *Engine support includes code functions, data, functional tests and special functions, including:*
 - System Resets and Learns
 - DPF Reset and Regeneration
- **Canter 918 3.0L-DT Euro 5 (2017):**
 - Engine, Transmission (Duonic), Antilock Brakes and Airbag
 - Coverage Highlights:
 - *Engine support includes code functions, data, functional tests and special functions, including:*
 - System Resets and Learns, including AdBlue functions
 - DPF Reset and Regeneration

Models Updated to 2017:

- **Canter (515, 615, 715, 815, 918), Fighter (FK and FM) and Rosa**

Fuso (continued)

New Systems Added:

- **Fighter FM 7.5L-DT (2011 – 2017):**
 - AdBlue Exhaust Aftertreatment – code functions, data, functional tests and special functions, including:
 - *AdBlue Delivery Pump Initial Startup*
 - *SCR Catalytic Converter Fill Level Reset*
 - *Vehicle Mileages 1 and 2 Reset*
 - *Vehicle Mileages 2 and 3 Reset*

Holden

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

New Models Added:

- **Astra K 1.4L-T (LE2) and 1.6L-T (LWC) (2016 – 2017):**
 - Engine, Transmission, Antilock Brakes (with and without Electric Parking Brake) , Airbag, Active Safety Control Module, Body Control Module, Electric Power Steering, Front View Camera Module, Headlamp Control Module, Heating Ventilation and Air Conditioning, HVAC Controls, Human Machine Interface, Instrument Panel Cluster, Keyless Entry, Multi-Axis Acceleration Sensor, Parking Assist Control Module, Power Supply Transformer, Radar Sensor Module – Long Range, Radio, Radio Controls, Serial Data Gateway Module, Steering Column Lock and Trailer Interface Control Module
 - Coverage Highlights:
 - *Engine coverage includes code functions, data, functional tests and special functions:*
 - *Crankshaft Position Sensor Variation Learn*
 - *Engine Oil Life Reset*
 - *Fuel Injection Small Quantity Data Reset*
 - *Fuel Rail Pressure Relief Valve Learned Values Reset*
 - *HO2S Sensor Learn*
 - *Idle Speed Adjustment*
 - *Intake System Learned Values Reset*
 - *Neutral Position Sensor Learn (1.6L-T M/T)*
 - *Transmission Fast Learn Adaption supported*
 - *ABS with/without Electric Parking Brake supported with special functions:*
 - *Steering Wheel Angle Sensor Learn*
 - *Longitudinal Acceleration Sensor Reset*
 - *Electric Parking Brake variant supports Rear Brake Caliper Piston Retract and Extend for brake pad replacement*
 - *Airbag Sensor Yaw Rate Sensor Learn*
 - *New Active Safety Control Module supported – code functions, data and functional tests*
 - *Body Control Module functional tests and special functions supported, including:*
 - *Brake Pedal Position Sensor Calibration*
 - *Clear Window Learned Values*
 - *Parking Assist Control Module – Sensor Learn supported*

Holden (continued)

New Models Added (continued):

- **Barina TM MY17 facelift, 1.6L LDE (2016 – 2017):**
 - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module, Electric Power Steering, Chassis Control Module – Fuel Pump, Heating Ventilation Air Conditioning, Instrument Panel Cluster, Keyless Entry, Parking Assist Control Module, Radio, Seat Heating Control Module, Serial Data Gateway Module, Steering Column Lock and Steering Wheel Angle Sensor
 - Coverage Highlights:
 - *Engine coverage includes code functions, data, functional tests and special functions:*
 - Brake Pedal Position Sensor Learn (automatic transmission models)
 - Crankshaft Position Sensor Variation Learn
 - Engine Oil Life Reset
 - Fuel Trim Reset
 - HO2S Sensor Learn
 - Idle Learn
 - Idle Speed Adjustment
 - Transmission Fast Learn Adaption supported
 - ABS Automated Brake Bleed supported
 - Chassis Control Module (fitted to premium Barina models only) includes Fuel Pump Trim Reset
 - HVAC support includes new special functions:
 - A/C Compressor Run-in
 - HVAC Actuators Learn
- **Colorado RG MY17 facelift, 2.8L-DT LWN (2016 – 2017):**
 - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module, Front View Camera Module, Human Machine Interface, Heating Ventilation and Air Conditioning, HVAC Controls, Instrument Panel Cluster, Parking Assist Control Module, Power Steering Control Module, Radio, Radio Controls, Serial Data Gateway Module, Trailer Interface Control Module and Transfer Case
 - Coverage Highlights:
 - *New Euro 5 engine coverage includes code functions, data, functional tests and special functions:*
 - System resets and learn functions, including
 - Crankshaft Position Sensor Reluctor Wheel Learn
 - Engine Oil Life Reset
 - Fuel Injection Small Quantity Learn
 - Fuel System High Pressure Test (Engine Runs)
 - Learned Values Reset
 - DPF Regeneration
 - Injector Programming
 - *Most systems fitted to the MY17 Colorado update are not fitted to the 2016 or earlier models, including all new:*
 - Electric Power Steering includes Steering Wheel Angle Sensor Centering
 - Frontview Camera – includes dynamic learn function
 - HVAC – Code functions, data, functional tests and special functions:
 - Actuator Recalibration
 - Afterblow Option
 - Serial Data Gateway – code functions and data
 - Trailer Interface – code functions, data and functional tests
 - Radio – low, mid and high specification radio systems supported

Holden (continued)

New Models Added (continued):

- **Spark 1.4L LV7 (2015 – 2017):**
 - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module, Instrument Panel Cluster, Keyless Entry, Parking Assist Control Module, Power Steering Control Module, Radio, Serial Data Gateway Module, Steering Column Lock and Tyre Pressure Monitor
 - Coverage Highlights:
 - *Engine coverage includes code functions, data, functional tests and special functions:*
 - Brake Pedal Position Sensor Learn (automatic transmission models)
 - Crankshaft Position Sensor Variation Learn
 - Engine Oil Life Reset
 - Fuel Trim Reset
 - HO2S Heater Learn
 - Idle Learn
 - Idle Speed Adjustment
 - CVT Transmission supported, including code functions, data, functional tests and special function – Fast Learn Adaption Process
 - ABS code functions, data, functional tests and special functions
 - Automated Brake Bleeding
 - Steering Wheel Angle Sensor Learn
- **Trailblazer RG MY17 facelift, 2.8L-DT LWN (2016 – 2017):**
 - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module, Front View Camera Module, Human Machine Interface, Heating Ventilation and Air Conditioning, HVAC Controls, Instrument Panel Cluster, Object Detection Left and Right Side Modules, Parking Assist Control Module, Power Steering Control Module, Radio, Radio Controls, Serial Data Gateway Module, Trailer Interface Control Module and Transfer Case
 - Coverage Highlights:
 - *New Euro 5 engine coverage includes code functions, data, functional tests and special functions:*
 - System resets and learn functions, including
 - Crankshaft Position Sensor Reluctor Wheel Learn
 - Engine Oil Life Reset
 - Fuel Injection Small Quantity Learn
 - Fuel System High Pressure Test (Engine Runs)
 - Learned Values Reset
 - DPF Regeneration
 - Injector Programming
 - *New system coverage for MY17:*
 - Electric Power Steering – includes Steering Wheel Angle Sensor Centering
 - Frontview Camera – includes dynamic learn function
 - HVAC – Code functions, data, functional tests and special functions:
 - Actuator Recalibration
 - Afterblow Option
 - Object Detection Left and Right Side Modules – code functions, data and functional tests
 - Serial Data Gateway – code functions and data
 - Trailer Interface – code functions, data and functional tests
 - Radio – low, mid and high specification radio systems supported

Holden (continued)

New Models Added (continued):

- **Trax TJ MY17 facelift, 1.4L-T LUJ and 1.8L 2H0 (2016 – 2017):**
 - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module, Electric Power Steering, Chassis Control Module – Fuel Pump, Heating Ventilation Air Conditioning, Instrument Panel Cluster, Keyless Entry, Parking Assist Control Module, Radio, Seat Heating Control Module, Serial Data Gateway Module, Steering Column Lock and Steering Wheel Angle Sensor
 - Coverage Highlights:
 - *Engine coverage includes code functions, data, functional tests and special functions:*
 - *Brake Pedal Position Sensor Learn (automatic transmission models)*
 - *Crankshaft Position Sensor Variation Learn*
 - *Engine Oil Life Reset*
 - *Fuel Trim Reset*
 - *HO2S Heater Learn*
 - *Idle Learn*
 - *Idle Speed Adjustment (1.4L-T only)*
 - *Turbocharger Learned Values Reset (1.4L-T only)*
 - *Transmission Fast Learn Adaption supported*
 - *ABS Automated Brake Bleed supported*
 - *New Side Object Detection Module support – code functions, data and functional tests*
 - *HVAC support includes new special functions:*
 - *A/C Compressor Run-in*
 - *HVAC Actuators Learn*
 - *New Serial Data Gateway Module – code functions and data*

Models Updated to 2017:

- **Astra J, Caprice WN Series 2, Captiva CGII, Cascada, Commodore VF Series 2, Cruze JH, Insignia and Malibu**

Added Functionality for Existing Systems:

- **Commodore VF and Caprice WN (2013 – 2017):**
 - 3.6L LFX engine special function – Fuel Rail Pressure Relief Valve Learned Values Reset
 - 6.2L LS3 Manual Transmission – additional engine functional tests:
 - *Reverse Inhibit Solenoid Actuator*
 - *Skip Shift Solenoid Actuator*
 - Park Assist Control Module special function – *Clear Disable History Data*
 - BCM functional test – *Trunk Lamp*
- **Commodore VF Series 2 and Caprice WN Series 2 (2015 – 2017):**
 - Tyre Pressure Monitor – enhanced data list with additional PIDS such as sensor ID Information
- **Captiva CGII MY16 and MY17 (2016 – 2017):**
 - Radio - enhanced data list with additional PIDS

Hyundai

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

New Models Added:

- **Elantra AD 1.6L-T GDI and 2.0L MPI (2016 – 2017):**
 - Engine, Transmission, Antilock Brakes, Airbag, Auto Air Conditioning, Body Control Module, Blind Spot Detection, Cluster Module, Door Module (Driver), Door Module (Passenger), Electronic Power Steering, Power Seat Module, Smart Junction Box, Smart Key Unit and Tyre Pressure Monitor
 - Coverage Highlights:
 - *Engine coverage includes code functions, data, functional tests and special functions:*
 - *Reset Adaptive Values*
 - *1.6L-T GDI Transmission – 7 speed dual clutch support for code functions, data and functional tests*
 - *2.0L MPI Transmission – 6 speed automatic transmission support for code functions, data, functional tests and special functions – Resetting Auto T/A Values*
 - *ABS coverage includes special functions:*
 - *Air Bleeding*
 - *Auto Detected Configuration Reset*
 - *Longitudinal G Sensor Calibration*
 - *Blind Spot Detection supports Blind Spot Detection Calibration special function*
 - *Electric Power Steering special function supported:*
 - *EPS Type Recognition*
 - *Steering Angle Sensor Calibration*
 - *Smart Junction Box includes User Option Module – allows user to adjust vehicle settings based on user preferences*
- **Santa Fe DM3 3.3L (2016 – 2017):**
 - Engine, Transmission, Antilock Brakes, Airbag, Auto Air Conditioner, Adaptive Front Lighting, Automatic Headlamp Levelling System, Body Control Module, Blind Spot Detection, Cluster Module, Door Module (Driver), Door Module (Passenger), Electronic Parking Brake, Electronic Power Steering, FOB Key Relearn, 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 and Tyre Pressure Monitor
 - Coverage Highlights:
 - *Engine support includes code functions, data, functional tests and special functions:*
 - *PCM Auto Detection Reset*
 - *PCM Lock Setting*
 - *Transmission support for code functions, data, functional tests and special functions – Resetting Auto T/A Values*
 - *ABS coverage includes special functions:*
 - *Air Bleeding*
 - *Auto Detected Configuration Reset*
 - *Longitudinal G Sensor Calibration*
 - *Steering Angle Sensor Calibration*
 - *Adaptive Front Lighting includes calibration support*
 - *Electric Power Steering supports ASP Calibration*
 - *Smart Junction Box includes User Option Module – allows user to adjust vehicle settings based on user preferences*

Hyundai (continued)

Models Updated to 2017:

- Accent, Genesis, i30GD, i40, iLoad, iMax, Santa Fe DM3, Sonata, Tucson and Veloster

New Systems Added:

- **Santa Fe 2.2L-DT and 2.4L (2017):**
 - Adaptive Front Lighting – code functions, data, functional tests and special functions:
 - Calibration
 - Parameter Download
 - Blind Spot Detection (L and R) – code functions, data, functional tests and special functions:
 - System Calibration
 - Power Tailgate – code functions and data
 - Smart Cruise Control – code functions and data
 - Smart Junction Box – code functions, data, functional tests and special functions:
 - User Option Module – allows user to adjust vehicle settings based on user preferences, e.g.: One Touch Turn Signal
 - Smart Parking Assist – code functions, data and functional tests
 - Tyre Pressure Monitor – code functions, data, functional tests and special functions:
 - VIN Write
 - Wheel Sensor ID Writing

Added Functionality for Existing Systems:

- **iLoad and iMax 2.5L-DT (2017):**
 - Engine special function – Service Regeneration
- **Santa Fe 2.2L-DT, 2.4L and 3.3L (2017):**
 - Smart Key Unit functional test – Electrical Steering Column Lock Open Status Check

Kia

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

New Models Added:

- **Kia Cerato YD Sedan and Hatch 2.0L MPI (2017):**
 - Engine, Transmission, Antilock Brakes, Airbag, Auto Air Conditioner, Automatic Headlamp Levelling System, Body Control Module, Cluster Module, Electronic Power Steering, FOB Key Relearn, Immobiliser, Power Seat Module, Smart Junction Box, Smart Key Unit and Tyre Pressure Monitor
 - Coverage Highlights:
 - *New 2.0L MPI coverage – code functions, data, functional tests and special functions:*
 - *Auto Detected Configuration Reset*
 - *Resetting Adaptive Values*
 - *Transmission support for code functions, data, functional tests and special functions – Resetting Auto T/A Values*
 - *ABS special functions supported, including*
 - *Air Bleeding*
 - *Auto Detected Configuration Reset*
 - *Longitudinal G Sensor Calibration*
 - *Steering Angle Sensor*
 - *Auto Headlamp Levelling system supports special functions*
 - *Headlamp Levelling*
 - *Parameter Download*
 - *Electric Power Steering system support includes special functions*
 - *EPS Type Recognition*
 - *Steering Angle Sensor Calibration*
 - *Smart Junction Box includes User Option Module – allows user to adjust vehicle settings based on user preferences, e.g.: One Touch Turn Signal*
 - *Tyre Pressure Sensor includes Wheel Sensor ID Writing*

Models Updated to 2017:

- **Carnival YP, Cerato, Cerato Hatch, Optima, Picanto, Rio Hatch, Rondo, Sorento UM, Soul and Sportage QL**

New Systems Added:

- **Rio UB 1.4L MPI and 1.6L GDI (2017):**
 - Smart Key Unit – code functions, data and functional tests
- **Rondo RP 1.7L-DT and 2.0L (2014 – 2017):**
 - Smart Junction Box – code functions, data, functional tests and special functions
 - *Includes User Option Module – allows user to adjust vehicle settings based on user preferences, e.g.: One Touch Turn Signal*
 - Smart Key Unit – code functions, data and functional tests
- **Soul PS 2.0L (2017):**
 - Smart Junction Box – code functions, data, functional tests and special functions
 - *Includes User Option Module – allows user to adjust vehicle settings based on user preferences, e.g.: One Touch Turn Signal*

Lexus*

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

Models Updated to 2017:

- CT200h, ES300h, ES350, GS-F, GS200t, GS350, GS450h, IS200t, IS350, LS460, LS600h, LX570, NX200t, NX300h, RC200t, RC350, RC-F, RX350 and RX450h

New Systems Added:

- **CT200h 1.8L-Hybrid (2011 – 2017):**
 - PM1 Gateway – code functions
 - PM2 Gateway – code functions
 - Remote Engine Starter – code functions, data and special function:
 - *Customise Settings – Adjust Remote Engine Starter system saved settings to suit customer preferences, including (where supported by the individual vehicle):*
 - Air Conditioner Mode
 - Defogger Control
 - Warm-up Time Setting
 - Remote Engine Start Stop Setting (Trunk Lid Opened)
- **ES350 3.5L (2013 – 2017):**
 - Electric Motor Power Steering – code functions, data and signal check mode
 - Starting Control – code functions, data and functional tests
- **GS200t 2.0L-T (2016 – 2017):**
 - Cruise Control – code functions and data
 - Cruise Control (Radar) – code functions, data and special function – *Beam Axis Adjustment*
- **GS-F 5.0L (2016 – 2017):**
 - Electric Parking Brake – code functions, data, functional tests and special function – *Reset Memory*
- **IS200t 2.0L-T (2016 – 2017):**
 - Active Sound Control – code functions, data and functional tests
- **IS350 3.5L (2014 – 2017):**
 - Auto Headlamp Levelling System – code functions, data and functional tests
- **RX350 3.5L and RX450h (2011 – 2017):**
 - Remote Engine Starter – code functions, data and special function:
 - *Customise Settings – Adjust Remote Engine Starter system saved settings to suit customer preferences, including (where supported by the individual vehicle):*
 - Air Conditioner Mode
 - Defogger Control
 - Warm-up Time Setting
 - Remote Engine Start Stop Setting (Trunk Lid Opened)
 - Sliding Sunshade – code functions, data and functional tests

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

Mazda

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

New Models Added:

- **Mazda 3 BN 2.0L and 2.5L (2016 – 2017):**
 - Engine, Transmission, Antilock Brakes, Airbag, Adaptive Front lighting, Amplifier Module, Blind Spot Monitoring (L & R), Body Control Module (Front & Rear), Connectivity Master Unit, Drivers Seat Module, Electronic Automatic Temperature Control, Electronic Parking Brake, Electronic Power Steering, Forward Sensing Camera, Instrument Panel Cluster, Parking Sensor Module, Smart Brake Support / Mazda Radar Cruise Control and Smart Start Unit
 - Coverage Highlights:
 - *Engine and transmission support code functions, data and functional tests*
 - *ABS coverage has code functions, data, functional tests and special functions:*
 - *Brake Fluid Pressure Sensor Initialisation*
 - *Lateral Acceleration Sensor Initialisation*
 - *Longitudinal Acceleration Sensor Initialisation*
 - *Yaw Rate Sensor Initialisation*
 - *Adaptive Front lighting includes code functions, data, functional tests and special functions:*
 - *Auto Levelling Sensor Test and Calibration functions*
 - *Electronic Parking Brake system includes instructions for Maintenance Mode to allow for rear brake pad or disc replacement*
- **Mazda 6 GL 2.2L-DT and 2.5L (2016 – 2017):**
 - Engine, Transmission, Antilock Brakes, Airbag, Adaptive Front Lighting, Amplifier Module, Audio Control Unit, Blind Spot Monitor (L and R), Body Control Module (Front and Rear), DC to DC Convertor, Driver Seat Module, Electronic Automatic Temperature Control, Electronic Parking Brake, Electronic Power Steering, Forward Sensing Camera, Instrument Panel Cluster, Remote Keyless Entry, Smart Brake Support/ Mazda Radar Cruise Control, Smart City Brake Support and Smart Start Unit
 - Coverage Highlights:
 - *2.5L engine coverage includes code functions, data, functional tests and oil maintenance functions*
 - *Diesel engine coverage includes code functions, data, functional tests and special functions:*
 - *DPF Regeneration*
 - *Injector Programming*
 - *System reset and learn functions, including:*
 - *Engine Oil Data Reset*
 - *Fuel Pump Data Reset*
 - *Injector Amount Correction*
 - *Transmission supports code functions, data and functional tests*
 - *ABS coverage has code functions, data, functional tests and special functions:*
 - *Brake Fluid Pressure Sensor Initialisation*
 - *Lateral Acceleration Sensor Initialisation*
 - *Longitudinal Acceleration Sensor Initialisation*
 - *Yaw Rate Sensor Initialisation*
 - *Adaptive Front lighting includes code functions, data, functional tests and special functions:*
 - *Auto Levelling Sensor Test and Calibration functions*
 - *Electronic Parking Brake system includes instructions for Maintenance Mode to allow for rear brake pad or disc replacement*

Mazda (continued)

New Models Added (continued):

- **BT-50 UR 2.2L-DT and 3.2L-DT (2016 – 2017):**
 - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module, Electronic Automatic Temperature Control, Front Display Interface Module, Global Positioning System and Instrument Cluster Module
 - Coverage Highlights:
 - *Diesel engine coverage includes code functions, data, functional tests and special functions:*
 - DPF Regeneration
 - Injector Programming
 - System reset and learn functions, including:
 - Exhaust Gas Recirculation Reset
 - Fuel Injector Learned Values Reset
 - Fuel Rail Pressure Sensor Learned Value Reset
 - Mass Air Flow Sensor Learned Value Reset
 - Turbocharger Learned Values Reset
 - *ABS coverage supports code functions, data, functional tests and special functions:*
 - ABS Service Bleed
 - Lateral and Longitudinal Acceleration Sensor Initialisation
 - Calibrate Steering Angle Sensor
- **Mazda CX-5 KE Series 2 2.0L, 2.2L-DT and 2.5L (2016 – 2017):**
 - Engine, Transmission, Antilock Brakes, Airbag, 4x4 Module, Adaptive Front Lighting, Amplifier Module, Audio Control Unit, Blind Spot Monitoring (L and R), Body Control Module (Front and Rear), Drivers Seat Module, Electronic Automatic Temperature Control, Electronic Parking Brake, Electronic Power Steering, Forward Sensing Camera, Instrument Panel Cluster, Parking Sensor Module, Smart Brake Support / Mazda Radar Cruise Control, Smart City Brake Support, Smart Start Unit and Tyre Pressure Monitor
 - Coverage Highlights:
 - *2.0L and 2.5L engine coverage includes code functions, data, functional tests and oil maintenance functions*
 - *Diesel engine coverage includes code functions, data, functional tests and special functions:*
 - DPF Regeneration
 - Injector Programming
 - System reset and learn functions, including:
 - Engine Oil Data Reset
 - Fuel Pump Data Reset
 - Injector Amount Correction
 - *Transmission coverage supports code functions, data and functional tests*
 - *ABS coverage has code functions, data, functional tests and special functions:*
 - Brake Fluid Pressure Sensor Initialisation
 - Lateral Acceleration Sensor Initialisation
 - Longitudinal Acceleration Sensor Initialisation
 - Yaw Rate Sensor Initialisation
 - *Adaptive Front lighting includes code functions, data, functional tests and special functions:*
 - Auto Levelling Sensor Test and Calibration functions
 - *Electronic Parking Brake system includes instructions for Maintenance Mode to allow for rear brake pad or disc replacement*

Mazda (continued)

New Models Added (continued):

- **CX-9 TC 2.5L-T (2016 – 2017):**
 - Engine, Transmission, Antilock Brakes, Airbag, 4x4 Module, Adaptive Front Lighting, Amplifier Module, Audio Control Unit, Blind Spot Monitoring (Left & Rear), Body Control Module (Front & Rear), Connectivity Master Unit, DC to DC Converter Control Module, Drivers Seat Module, Electronic Automatic Temperature Control, Electronic Parking Brake, Electronic Power Steering, Forward Sensing Camera, Instrument Panel Cluster, Parking Sensor Module, Power Lift Gate, Smart Brake Support / Mazda Radar Cruise Control, Smart City Brake Support and Smart Start Unit
 - Coverage Highlights:
 - *All new 2.5L-Turbo engine support includes code functions, data, functional tests and special functions, including:*
 - *Oil maintenance functions*
 - *Individual cylinder injector cut tests*
 - *Oil Pressure Solenoid Valve*
 - *Transmission coverage supports code functions, data and functional tests*
 - *ABS coverage has code functions, data, functional tests and special functions:*
 - *Brake Fluid Pressure Sensor Initialisation*
 - *Lateral Acceleration Sensor Initialisation*
 - *Longitudinal Acceleration Sensor Initialisation*
 - *Yaw Rate Sensor Initialisation*
 - *Adaptive Front lighting includes code functions, data, functional tests and special functions:*
 - *Auto Levelling Sensor Test and Calibration functions*
 - *Electronic Parking Brake system includes instructions for Maintenance Mode to allow for rear brake pad or disc replacement*
 - *Coverage for all new Parking Sensor Module – code functions and data*
 - *Coverage for all new Power Lift Gate Module – code functions and data*

Models Updated to 2017:

- **CX-3, Mazda 2 and MX-5**

17.4 adds 5 new Mazda models, with 10 engine variants between them!!

New Systems Added:

- **Mazda 2 DJ 1.5L (2015 – 2017):**
 - Adaptive Front Lighting – code functions, data and special functions - *Auto Levelling Sensor Test and Calibration functions*
 - Blind Spot Monitoring – code functions, data and functional tests
 - Body Control Module - code functions, data and functional tests
 - Electronic Automatic Temperature Control – code functions and data
 - Forward Sensing Camera – code functions and data
 - Smart City Brake Support – code functions and data

Mazda (continued)

New Systems Added (continued):

- **Mazda 3 BM 2.0L, 2.2L-DT and 2.5L (2014 – 2016):**
 - Adaptive Front Lighting – code functions, data and special functions:
 - *Auto Levelling Sensor Test*
 - *Auto Levelling Sensor Calibration*
 - Amplifier – code functions
 - Connectivity Master Unit – code functions
 - Forward Sensing Camera – code functions and data
 - Smart Brake Support / Mazda Radar Cruise Control – code functions and data
 - Smart City Brake Support – code functions and data
 - Smart Start Unit – code functions, data and functional tests
- **Mazda 6 GJ 2.2L-DT and 2.5L (2012 – 2015):**
 - DC to DC Convertor Module – code functions and data
 - Smart City Brake Support – code functions and data
- **CX-3 DK 1.5L-DT and 2.0L (2015 – 2017):**
 - Connectivity Master Unit – code functions
 - Electrical Supply Unit – code functions
- **MX-5 ND 1.5L and 2.0L (2015 – 2017):**
 - Amplifier (2.0L) – code functions
 - Blind Spot Monitoring – code functions, data and functional tests
 - Connectivity Master Unit – code functions
 - Electric Vacuum Pump (2.0L) – code functions and data
 - Electrical Supply Unit – code functions
 - Forward Sensing Camera – code functions and data

Added Functionality for Existing Systems:

- **Mazda 2 DJ 1.5L (2015 – 2017):**
 - Engine – *Oil maintenance functions*
 - Instrument Cluster functional test "*Alarm*"
- **Mazda 3 BM 2.0L, 2.2L-DT and 2.5L (2014 – 2016):**
 - Engine 2.0L and 2.5L:
 - *istop Learning*
 - Engine 2.2L-DT special functions:
 - *istop Learning*
 - *Oil maintenance functions*
 - Transmission (2.0L and 2.5L) functional tests, including:
 - *Electric Oil Pump relay and duty cycle control tests*
 - *Solenoid current tests*
 - Instrument Cluster functional tests:
 - *Alarm*
 - *All Warning Lights and Indicator Lights*
 - *Tachometer*

Mazda (continued)

Added Functionality for Existing Systems (continued):

- **Mazda 6 GJ 2.2L-DT and 2.5L (2012 – 2015):**
 - Engine 2.2L-DT and 2.5L:
 - *istop Learning (2.5L)*
 - *Oil maintenance functions*
 - Adaptive Front Lighting data and special functions:
 - *Auto Levelling Sensor Test*
 - *Auto Levelling Sensor Calibration*
 - Instrument Cluster functional test - *Alarm*
- **CX-3 1.5L-DT and 2.0L (2015 – 2017):**
 - Engine 2.2L-DT special functions
 - *DPF Data Reset*
 - *DPF Regeneration*
 - Adaptive Front Lighting data and special functions:
 - *Auto Levelling Sensor Test*
 - *Auto Levelling Sensor Calibration*
 - Body Control Module functional tests, including:
 - *Door Lock and Unlock*
 - *Lamp outputs*
 - *Relay outputs, e.g. Blower Motor, Front Fog, Horn, Rear Defogger*
 - *Washer and Wiper outputs*
- **MX-5 ND 1.5L and 2.0L (2015 – 2017):**
 - Body Control Module functional tests, including:
 - *Door Lock and Unlock*
 - *Lamp outputs*
 - *Relay outputs, e.g. Blower Motor, Front Fog, Horn, Rear Defogger*
 - *Washer and Wiper outputs*
 - Engine 1.5L-DT and 2.0L:
 - *Oil maintenance functions*

Mitsubishi

Added Functionality for Existing Systems:

- **Lancer CJ Evolution and Ralliart 2.0L-T (2008 – 2015):**
 - Transmission Teach in functions added, including where supported:
 - *Clutch Assembly Replacement*
 - *Interlock Teach-in*
 - *Line Pressure Test*
- **Outlander ZJ and ZK 2.0L, 2.2L-DT and 2.4L (2013 – 2016):**
 - Adaptive Cruise Control/ Forward Collision Mitigation special functions
 - *Learning*
 - *Reset Learned Values*
 - *Reset Alignment Values*

Mitsubishi (continued)

Added Functionality for Existing Systems (continued):

- **Petrol Engine – Timing Chain Maintenance functions**
 - Now supported on many Mitsubishi models, Read, Save and Reset Timing Chain functions available. May be required after timing chain related engine maintenance and before or after ECU replacement.
 - ASX XA 2.0L (2010 – 2012)
 - ASX XB 2.0L (2013 – 2016)
 - Lancer CF 2.0L, 2.4L (2016)
 - Lancer CJ 2.0L and 2.4L (2007 – 2015)
 - Lancer CJ Evolution and Ralliart 2.0L-T (2008 – 2015)
 - Mirage Hatch LA and Sedan LA 1.2L (2013 – 2016)
 - Outlander ZG 2.4L and 3.0L (2006 – 2010)
 - Outlander ZH 2.4L and 3.0L (2011 – 2013)
 - Outlander ZJ 2.0L and 2.4L (2013 – 2015)
 - Outlander ZK 2.0L and 2.4L (2015 – 2016)

Nissan

Added Functionality for Existing Systems:

- **Micra K12 1.4L (2007 – 2010):**
 - Engine special functions:
 - *ECU Part Number ID*
 - *Fuel Pressure Release*
 - *Self Learning Control (Fuel Trim Reset)*
- **Patrol Y62 5.6L (2012 – 2016):**
 - Engine – enhanced engine live data

Ssangyong

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

Models Updated to 2017:

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

Suzuki

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

New Models Added:

- **Baleno EW 1.0L-T and 1.4L (2016 – 2017):**
 - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module, Combination Meter and Electric Power Steering
 - Coverage Highlights:
 - *1.0L-T engine supports code functions, data and functional tests, including:*
 - Individual injector cut
 - High Pressure Fuel Pump activation
 - Wastegate Valve Activation
 - *1.4L engine supports code functions, data and functional tests, including:*
 - Individual injector cut
 - Oil Control Valve
 - Radiator Fan Control
 - *Transmission support includes code functions, data and special functions:*
 - A/T Learn Initialise
 - Neutral Position Calibration (1.0L-T only)
 - *ABS support includes code functions, data and special functions:*
 - Hydraulic Control Test
 - ESP Function Setting
 - Sensor Calibration – all sensors calibration
- **S-Cross JY 1.4L-T (2016 – 2017):**
 - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module, Combination Meter, Electronic Power Steering, Four Wheel Drive, Headlight Auto Levelling System, Heating Ventilation and Air Conditioning and Keyless Start
 - Coverage Highlights:
 - *1.4L-T engine supports code functions, data and functional tests, including:*
 - Individual injector cut
 - High Pressure Fuel Pump activation
 - Wastegate Valve Activation
 - *Transmission support includes code functions, data and special functions:*
 - A/T Learn Initialise
 - Neutral Position Calibration
 - *ABS support includes code functions, data and special functions:*
 - Hydraulic Control Test
 - ESP Function Setting
 - Sensor Calibration – all sensors calibration
 - *New Combination Meter supports code functions, data, functional tests and special functions, including:*
 - Oil Change Request Light Initialisation
 - Oil Change Request Light Configuration
 - *New Headlight Auto Levelling System coverage supports code functions, data and special function*
 - Height Sensor Initial Setting
 - *New Keyless Start system code functions, data, functional tests and special functions:*
 - Keyless Start Antenna – use this function to check correct operation of each Keyless Start Antenna
 - Keyless Start Configuration – adjust saved vehicle settings to suit user preferences

Suzuki (continued)

New Models Added (continued):

- **Vitara 1.4L-T and 1.6L-DT (2016 – 2017):**
 - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module, Combination Meter, Electronic Power Steering, Four Wheel Drive, Headlight Auto Levelling System, Heating Ventilation and Air Conditioning and Keyless Start
 - Coverage Highlights:
 - *1.4L-T engine supports code functions, data and functional tests, including:*
 - Individual injector cut
 - High Pressure Fuel Pump activation
 - Wastegate Valve Activation
 - *1.6L-DT engine coverage supports code functions, data, functional tests and special functions, including:*
 - DPF Regeneration
 - Injector Programming
 - System reset and learn functions, including:
 - DPF Condition Parameter Initialisation
 - MAF Data Initialisation
 - Oil Change Request Light Reset
 - *1.4L-T Transmission support includes code functions, data and special functions:*
 - A/T Learn Initialise
 - Neutral Position Calibration
 - *Diesel Dual Clutch Transmission support – code functions and data*
 - *ABS support includes code functions, data and special functions:*
 - Hydraulic Control Test
 - ESP Function Setting
 - Sensor Calibration – all sensors calibration
 - *New Combination Meter supports code functions, data, functional tests and for the 1.4L-T, special functions, including:*
 - Output controls
 - Oil Change Request Light Initialisation (applicable to 1.4L-T only)
 - Oil Change Request Light Configuration (applicable to 1.4L-T only)
 - *New Headlight Auto Levelling System coverage supports code functions, data and special function:*
 - Height Sensor Initial Setting
 - *New Keyless Start system code functions, data, functional tests and special functions:*
 - Output controls such as indicators, horn and buzzers
 - Keyless Start Antenna – use this function to check correct operation of each Keyless Start Antenna
 - Keyless Start Configuration – adjust saved vehicle settings to suit user preferences

Models Updated to 2017:

- **APV, Celerio, Grand Vitara, Jimny, Swift FZ and Vitara**

New Systems Added:

- **Celerio 1.0L (2014 – 2017):**
 - Combination Meter – code functions, data and functional tests

Suzuki (continued)

New Systems Added (continued):

- **Jimny 1.3L (2014 – 2017):**
 - Combination Meter – code functions, data and functional tests
- **Swift FZ 1.4L and 1.6L (2011 – 2017):**
 - Combination Meter – code functions, data and functional tests
 - Headlight Auto Levelling System – code functions, data, functional tests and special functions:
 - *Levelling Actuator command*
 - *Height Sensor Initial Setting*
 - Keyless Start system - code functions, data, functional tests and special functions:
 - *Output controls such as indicators, horn and buzzers*
 - *Keyless Start Antenna – use this function to check correct operation of each Keyless Start Antenna*
 - *Keyless Start Configuration – adjust saved vehicle settings to suit user preferences*
- **Vitara 1.6L (2015 – 2017):**
 - Combination Meter – code functions, data, functional tests and special functions:
 - *Output controls*
 - *Oil Change Request Light Initialisation (applicable to 1.4L-T only)*
 - *Oil Change Request Light Configuration (applicable to 1.4L-T only)*
 - Headlight Auto Levelling System – code functions, data and special functions:
 - *Levelling Actuator command*
 - *Height Sensor Initial Setting*
 - Keyless Start system - code functions, data, functional tests and special functions:
 - *Output controls such as indicators, horn and buzzers*
 - *Keyless Start Antenna – use this function to check correct operation of each Keyless Start Antenna*
 - *Keyless Start Configuration – adjust saved vehicle settings to suit user preferences*

Added Functionality for Existing Systems:

- **Vitara 1.6L (2015 – 2017):**
 - Transmission special functions
 - *A/T Learn Initialise*
 - *Neutral Position Calibration*
 - Body Control Module – additional functional tests:
 - *Alarm Indicator*
 - *Front Wiper*
 - *Glovebox Light*
 - *Rear Fog Light*
 - *Shift Lock*

Toyota

New Models Added:

- **C-HR 1.2L-T (2017):**
 - Engine, Transmission, Antilock Brakes, Airbag, Blind Spot Monitor (Master and Slave), Body Control Module, Clearance Sonar, Crash Prediction 2, Door Motor Modules, Electric Power Steering, Heating and Air Conditioning, Immobiliser, Instrument Panel Cluster, Lane Departure Alert, Master Switch Module and Smart Key Access
 - Coverage Highlights:
 - *Engine coverage supports code functions, data and functional tests*
 - *Transmission coverage supports code functions, data and functional tests*
 - *Antilock Brakes coverage includes code functions, data, functional tests and special functions, including:*
 - *Air Bleeding*
 - *Reset Memory*
 - *Test Mode*
 - *Heating and Air Conditioning includes code functions, data, functional tests and special functions, including:*
 - *Servo Motor Initialisation (where supported by the individual vehicle)*
 - *Customise Settings – adjust saved vehicle settings to suit user preferences. Available functions vary from model to model but may include items such as:*
 - *Compressor Mode*
 - *Air Inlet mode*
 - *Button Press Buzzer*
 - *Add Foot Air in Face Mode*
 - *Fan Speed Increment Control*
 - *ECO Mode Cancel*
 - *Body Control Module supports code functions, data, functional tests and special functions, including:*
 - *Main Body ECU Initialisation*
 - *Customise Settings - functions vary from model to model but may include items such as:*
 - *Wireless Control*
 - *Hazard Answer Back*
 - *Open Door Warning*
 - *Unlock 2 Operation*
 - *Auto Lock*
 - *Interior Light Operation settings*
- **Corolla Hybrid 1.8L (2016 – 2017):**
 - Engine, Transmission, Antilock Brakes, Airbag, Hybrid Control, Body Control Module, Cruise Control, Door Motor (Driver), Electric Motor Power Steering, Heating and Air Conditioning, Instrument Panel Cluster, Navigation System, Smart Key Access, Power Source and Theft Deterrent
 - Coverage Highlights:
 - *Engine coverage supports code functions, data and functional tests*
 - *Antilock Brakes coverage includes code functions, data, functional tests and special functions, including:*
 - *Air Bleeding*
 - *Linear Valve Calibration*
 - *Reset Memory*
 - *Test Mode*

Toyota (continued)

New Models Added (continued):

- **Hiace 3.0L-DT Euro 5 (2016-2017):**
 - Engine, Transmission, Antilock Brakes, Airbag, Automatic Headlamp Levelling System, Cruise Control, Heating and Air Conditioning, Immobiliser, Instrument Panel Cluster, Power Source Control, Starting Control and Smart Key Access
 - Coverage Highlights:
 - *Engine support includes code functions, data, functional tests and special functions, including:*
 - DPF Regeneration
 - Injector Programming
 - Pilot Injection Quantity Learning
 - Supply Pump Initialisation
 - *ABS supports code functions, data, functional tests and special functions:*
 - Air Bleeding
 - Reset Memory
 - Test Mode

- **Kluger 50 series 2WD/4WD 3.5L (2017):**
 - Engine, Transmission, Antilock Brakes, Airbag, Accessory Gateway, Back Door Module, Blind Spot Monitor (Master and Slave), Body Control Module, Clearance Sonar, Crash Prediction 2, Cruise Control, Door Motors, Electric Motor Power Steering, Heating and Air Conditioning, Instrument Panel Cluster, Intelligent Parking Assist, Lane Keeping Assist/ Lane Departure Alert, Mirror Modules, Navigation System, Power Source, Seat Module (Driver), Smart Key Access, Sliding Roof and Tyre Pressure Monitor
 - Coverage Highlights:
 - *New 2GR-FKS engine and 8 speed transmission support code functions, data and functional tests*
 - *ABS includes code functions, data, functional tests and special functions:*
 - Air Bleeding
 - Reset Memory
 - Test Mode
 - *Body Control Module supports code functions, data, functional tests and special functions, including:*
 - Main Body ECU Initialisation
 - Customise Settings - adjust saved vehicle settings to suit user preferences. Available functions vary between models but may include:
 - Wireless Control
 - Hazard Answer Back
 - Open Door Warning
 - Unlock 2 Operation
 - Auto Lock
 - Interior Light Operation settings
 - *Heating and Air Conditioning includes code functions, data, functional tests and special functions, including:*
 - Servo Motor Initialisation (where supported by the individual vehicle)
 - Customise Settings - adjust saved vehicle settings to suit user preferences. Available functions vary between models but may include:
 - Compressor Mode
 - Air Inlet mode
 - Button Press Buzzer
 - Add Foot Air in Face Mode
 - Fan Speed Increment Control

Toyota (continued)

New Models Added (continued):

- **Land Cruiser 70 Series 4.5L-DT Euro 5 (2016 – 2017):**
 - Engine, Antilock Brakes, Airbag, Cruise Control, Immobiliser and Instrument Panel Cluster
 - Coverage Highlights:
 - *New Euro 5 emissions engine support in 17.4. Includes support for code functions, data, functional tests and special functions, including:*
 - Fuel Leak Test
 - Crank Time Compensation Reset
 - DPF Regeneration
 - Injector Programming
 - Supply Pump Initialisation
 - Pilot Injection Quantity Learning
 - *ABS coverage includes code functions, data, functional tests and special functions, including:*
 - Air Bleeding
 - Reset Memory
 - Test Mode
- **Tarago 2.4L and 3.5L (2016 – 2017):**
 - Engine, Transmission, Antilock Brakes, Airbag, Adaptive Front Lighting, Body Control Module, Cruise Control, Clearance Sonar, Door Modules, Electric Motor Power Steer, Heating and Air Conditioning, Instrument Panel, Master Switch Module, Navigation, Sliding Door Modules, Smart Key Access, Sliding Roof and Tyre Pressure Monitor
 - Coverage Highlights:
 - *Engine and transmission coverage supports code functions, data, functional tests and special functions where supported by the individual vehicle*
 - *ABS coverage includes code functions, data, functional tests and special functions, including:*
 - Air Bleeding
 - Reset Memory
 - Test Mode
 - *Body Control Module supports code functions, data, functional tests and special functions, including:*
 - Main Body ECU Initialisation
 - Customise Settings - adjust saved vehicle settings to suit user preferences. Available functions vary between models but may include:
 - Wireless Control
 - Hazard Answer Back
 - Open Door Warning
 - Auto Lock
 - Interior Light Operation settings
 - *Heating and Air Conditioning includes code functions, data, functional tests and special functions, including:*
 - Servo Motor Initialisation (where supported by the individual vehicle)
 - Customise Settings - adjust saved vehicle settings to suit user preferences. Available functions vary between models but may include:
 - Compressor Mode
 - Air Inlet mode
 - Fan Speed Increment Control
 - *Sliding Door modules support code functions, data, functional tests and (where supported by the vehicle) special function - Customise Settings*

Toyota (continued)

Models Updated to 2017:

- **86, Aurion, Camry, Camry hybrid, C-HR, Coaster, Corolla, Corolla Hybrid, Fortuner, Hiace, Hilux, Kluger, LandCruiser 200, Prado, Prius, Prius C, Prius V, RAV4, Tarago and Yaris**

New Systems Added:

- **86 2.0L (2016 – 2017):**
 - Smart Key Access – code functions, data and functional tests
- **Coaster 4.0L-DT (2017):**
 - Airbag – code functions and data
- **Corolla 1.8L (2016 – 2017):**
 - Immobiliser – code functions, data and functional tests
- **Hiace 2.7L (2015 – 2017):**
 - Automatic Headlamp Levelling System – code functions, data and functional tests
 - Heating and Air Conditioning – code functions, data, functional tests and special functions, including (where applicable to the individual vehicle):
 - *Servo Motor Initialisation*
 - *Customise Settings – adjust saved vehicle settings to suit user preferences.*
Available functions vary between models but may include:
 - *Compressor Mode*
 - *Air Inlet mode*
 - *Button Press Buzzer*
 - *Add Foot Air in Face Mode*
 - *Fan Speed Increment Control*
 - Power Source – code functions, data and functional tests
 - Smart Key – code functions, data and functional tests
 - Starting Control – code functions, data and functional tests
- **Kluger 3.5L (2014 – 2016):**
 - Blind Spot Monitor (Master and Slave Modules) – code functions, data and special function –
 - *Customise Settings - adjust saved vehicle settings to suit user preferences.*
Tests available vary from model to model but may include:
 - *Blind Spot Monitor Volume Adjust*
 - *Blind Spot Monitor Mirror Indicator Brightness*
 - *Blind Spot Monitor Approaching Vehicle Detection Timing Setting*
 - Clearance Sonar (Park Assist) – code functions, data and functional tests
 - Crash Prediction 2 – code functions, data, functional tests and special function:
 - *Customise Settings - adjust saved vehicle settings to suit user preferences.*
 - Lane Keeping Assist/ Lane Departure Alert – code functions, data and functional tests
 - Lane Keeping Assist/ Lane Departure Alert (sub) – data
 - Navigation – code functions, data and functional tests
 - Smart Key Access – code functions, data and functional tests

Toyota (continued)

New Systems Added (continued):

- **Prado 4.0L (2015 – 2017):**
 - Navigation – code functions, data and functional tests
- **RAV4 2.0L, 2.2L-DT and 2.5L (2013 – 2017):**
 - Blind Spot Monitor (Master and Slave) – code functions, data and special function –
 - *Customise Settings - adjust saved vehicle settings to suit user preferences.*
 - Tests available vary from model to model but may include:*
 - *Blind Spot Monitor Volume Adjust*
 - *Blind Spot Monitor Mirror Indicator Brightness*
 - *Blind Spot Monitor Approaching Vehicle Detection Timing Setting*
 - Clearance Sonar (Park Assist) – code functions, data and functional tests
 - Crash Prediction 2 – code functions, data, functional tests and special function:
 - *Customise Settings - adjust saved vehicle settings to suit user preferences.*
 - Lane Keeping Assist/ Lane Departure Alert – code functions, data and functional tests
 - Lane Keeping Assist/ Lane Departure Alert (sub) – data
 - Navigation – code functions, data and functional tests
 - Sliding Roof – code functions, data and functional tests
 - Smart Key Access – code functions, data and functional tests
 - Starting Control – code functions, data and functional tests
- **Yaris 1.3L, 1.5L (2011 – 2017):**
 - Navigation – code functions, data and functional tests

Added Functionality for Existing Systems:

- **Aurion 3.5L (2009 – 2015):**
 - Engine – enhanced data, functional test and special functions added
 - Heating and Air Conditioning – enhanced data, functional tests and special functions added, including:
 - *Servo Motor Initialisation (where supported by the individual vehicle)*
 - *Customise Settings - adjust saved vehicle settings to suit user preferences.*
 - Available functions vary between models but may include:*
 - *Compressor Mode*
 - *Air Inlet mode*
 - *Button Press Buzzer*
 - *Add Foot Air in Face Mode*
 - *Fan Speed Increment Control*
 - Body Control Module - enhanced data, functional tests and special functions added, including:
 - *Main Body ECU Initialisation*
 - *Customise Settings - adjust saved vehicle settings to suit user preferences.*
 - Available functions vary between models but may include:*
 - *Wireless Control*
 - *Hazard Answer Back*
 - *Open Door Warning*
 - *Auto Lock*
 - *Interior Light Operation settings*

Toyota (continued)

Added Functionality for Existing Systems (continued):

- **Camry 2.5L (2009 – 2015):**
 - Heating and Air Conditioning – enhanced data, functional tests and special functions added, including:
 - *Servo Motor Initialisation (where supported by the individual vehicle)*
 - *Customise Settings - adjust saved vehicle settings to suit user preferences. Available functions vary between models but may include:*
 - *Compressor Mode*
 - *Air Inlet mode*
 - *Add Foot Air in Face Mode*
 - *Fan Speed Increment Control*
 - Body Control Module - enhanced data, functional tests and special functions added, including:
 - *Main Body ECU Initialisation*
 - *Customise Settings - adjust saved vehicle settings to suit user preferences. Available functions vary between models but may include:*
 - *Wireless Control*
 - *Open Door Warning*
 - *Auto Lock*
 - *Interior Light Operation settings*
- **Corolla 1.8L (2016 – 2017):**
 - Body Control Module - enhanced data, functional tests and special functions added, including:
 - *Main Body ECU Initialisation*
 - *Customise Settings - adjust saved vehicle settings to suit user preferences. Available functions vary between models but may include:*
 - *Wireless Control*
 - *Open Door Warning*
 - *Auto Lock*
 - *Interior Light Operation settings*
- **Kluger 3.5L (2014 – 2016):**
 - Heating and Air Conditioning – enhanced data, functional tests and special functions added, including:
 - *Servo Motor Initialisation (where supported by the individual vehicle)*
 - *Customise Settings - adjust saved vehicle settings to suit user preferences. Available functions vary between models but may include:*
 - *Compressor Mode*
 - *Air Inlet mode*
 - *Add Foot Air in Face Mode*
 - *Fan Speed Increment Control*
 - Body Control Module - enhanced data, functional tests and special functions, including:
 - *Main Body ECU Initialisation*
 - *Customise Settings - adjust saved vehicle settings to suit user preferences. Available functions vary between models but may include:*
 - *Wireless Control*
 - *Hazard Answer Back*
 - *Open Door Warning*
 - *Auto Lock*
 - *Interior Light Operation settings*

Toyota (continued)

Added Functionality for Existing Systems (continued):

- **RAV4 2.0L, 2.2L-DT and 2.5L (2013 – 2017):**
 - 2.2L-DT engine (2017) – enhanced data, functional tests and special functions, included (where supported):
 - *DPF Regeneration*
 - *Injector Programming*
 - *Pilot Injection Quantity Learning*
 - Heating and Air Conditioning – enhanced data, functional tests and special functions added, including:
 - *Servo Motor Initialisation (where supported by the individual vehicle)*
 - *Customise Settings - adjust saved vehicle settings to suit user preferences.*
Available functions vary between models but may include:
 - *Compressor Mode*
 - *Air Inlet mode*
 - *Add Foot Air in Face Mode*
 - *Fan Speed Increment Control*
 - Body Control Module - enhanced data, functional tests and special functions, including:
 - *Main Body ECU Initialisation*
 - *Customise Settings - adjust saved vehicle settings to suit user preferences.*
Available functions vary between models but may include:
 - *Wireless Control*
 - *Hazard Answer Back*
 - *Open Door Warning*
 - *Auto Lock*
 - *Interior Light Operation settings*
- **Yaris 1.3L, 1.5L (2011 – 2017):**
 - Body Control Module - enhanced data, functional tests and special functions, including:
 - *Main Body ECU Initialisation*
 - *Customise Settings - adjust saved vehicle settings to suit user preferences.*
Available functions vary between models but may include:
 - *Wireless Control*
 - *Hazard Answer Back*
 - *Open Door Warning*
 - *Auto Lock*
 - *Interior Light Operation settings*

European Manufacturers New for 17.4

AFL – Alfa Romeo-Fiat-Lancia

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

New Models Added:

- **4 NEW models added with extensive coverage including:**
 - Alfa Romeo Giulia 2.0L-T, 2.2L-DT and 2.9L Bi-Turbo,
 - Fiat Fullback 2.4L diesel
 - Fiat Talento 1.6L diesel
 - Fiat Tipo
 - Module system coverage includes*:
 - Antilock Brakes, Airbag, Adaptive Cruise Control, Body Computer, Body System, Engine, Electronic Shifter, Electronic Time and Alarm Control, Entertainment Telematics Module, Heat Ventilation A/C, Immobiliser/Keyless, Instrument Cluster, Instrument Panel, Lane Keep Meter, Park Distance Control, Radio Frequency Hub, Steering Angle Sensor, Switching Protection Unit, Service Reset, Transmission and Wheel Alignment
 - Special functions include*:
 - Chassis N. /VIN Information, Clear TPMS Sensor Audit, Deactivation of Power Limit Function, DPF Regeneration, Engine Reset Adaptions, Fan Cooling Activation, Injector Programming, Injection Pump Reset Adaptions, Instrument Panel Replacement, Intelligent Alternator Replacement, Longitudinal Sensor Calibration, Lateral Sensor Calibration, Motorised Throttle Replacement, Oil Change, Oil Light Reset, Oil Level Sensor Replacement, Particle Filter Regeneration, Phase Front Reset, Phonic Wheel Learning, Reset Odometer, Supercharging System Components, Steering Angle Calibration, Steering Angle Sensor Calibration, TPMS System Calibration and Wheel Speed Sensor Calibration
 - Actuator tests include*:
 - Interior Light, Doors Unlock, Doors Lock, Rear Wiper, Front Wiper, Right Hand Indicator, Left Hand Indicator, Power Relay 1, Power Relay 2, Power Relay 3, Sequential Needle Sweep, Panel Warning Lights, Lighting Test, Wiper Slow Speed, Wiper High Speed, Dipped Headlights, Front Fog Lights, Main Headlights, Side Lights and Rear Fog Lights

*Not applicable with every model. Consult the application guide for further detail.

Models Updated to 2016:

- **Alfa Romeo: 4C, Giulietta and Mito**
- **Fiat: 124 Spider, 500, 500L, 500X, Bravo, Doblo, Ducato, Freemont, Florino/Qubo, Oanda, Punto, Scudo and Sedici**

BMW and Mini

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

New Models Added:

- **BMW 7 Series (G11/G12) 2.0L-DT, 3.0L-DT, 3.0L, 4.0L, 4.4L and 6.6L**
- Systems include where supported:
 - Codescan and clear codes, Engine, Transmission, Antilock Brakes, Airbag, Active Cruise Control, Air Conditioning, All Around Vision Camera, Body Domain Controller, Camera Based Driver Support System, Electromechanical Power Steering, Gear Selector Switch, Head Unit - High, Instrument Panel, Lane Change Warning, Parking Manoeuvre Assistant, Rear Seat Entertainment System, Roof Function Centre, Seat Module Driver, Seat Module Passenger, Selective Catalyst Reduction, Service Interval Reset, Tyre Pressure Monitoring and Transfer Box
 - Diesel engine coverage includes special functions –
 - *DPF Regeneration*
 - *Injector Coding*
- **Mini Cabrio (F57) Convertible 1.5L, 1.5L-DT, 2.0L and 2.0L-DT:**
 - Systems include where supported:
 - Engine, Transmission, Antilock Brakes, Airbag, Air Conditioning, Body Domain Controller, Car Information Computer/Radio, Electromechanical Power Steering, Front Headlight Electronics – Left, Front Headlight Electronics - Right, Instrument Panel, Park Distance Control, Parking Manoeuvring Assistant, Roof Function Centre, Service Interval Reset and Tyre Pressure Monitoring

Models Updated to 2016:

- **BMW: i-Series (i01, i12), 1-Series (F20/F21), 2-Series (F22/F23/F45/F46), 3-Series (F30/F31/F80), 3-Series GT (F34), 4-Series (F32/F33/F36/F82), 5-Series GT (F07), 5-Series (F10/F11), 6-Series GC (F06), 6-Series (F12/F13), 7-Series (F01/F02), 7-Series (G11/G12), X1 (E84), X1 (F48), X3 (F25), X4 (F26), X5 (F15/F85), X6 (F16/F86) and Z4 (E89)**
- **Mini: R57 Convertible, R58 Coupe, R59 Roadster, R60 Countryman, R61 Paceman, F54 Clubman, F55 5-Door, F56 3-Door and F60 Countryman**
- Read and clear diagnostic trouble codes, view live data, carry out service reset and perform special functions on various modules through to 2016 model year.

Added Functionality for Existing Systems:

- NEW BMW/MINI Expert Modes including Module Coding (available on Engine, Transmission, Car Access System and Instrument Panel) and Vehicle Display Order added for:
 - 5 series 2003-2009; 6 series 2004-2011; 7 series 2001- 2008; 1 series 2004-2010, 2007-2013; series 8 2009-2015; series 3 2005-2010; Mini Clubman 2008 – 2014, Mini Clubman 2012 – 2014; Mini 3-door hatch 2007- 2013; Mini Cabrio 2009 – 2014; Mini Coupé 2011-2015; Mini Roadster 2012-2015; Mini Countryman 2010-2016 and Mini Paceman 2013-2016.

Ford – European

Added Functionality for Existing Systems:

- **New service functions added for 2014-2016:**
 - **Engine - DPF regeneration:**
 - Fiesta 1.4L Euro 5 diesel engine 2010 – 2012
 - **Engine - Diagnostic trouble code live data:**
 - Fiesta 1.5L diesel Euro 6 2016-
 - **Engine - Relative Compression Test:**
 - Focus 2.3L RS 2016-; Focus 1.0L, 1.5L, 1.6L petrol 2014-; KA+ 1.2L petrol 2016- and Mondeo 2.0L hybrid 2014-
 - **Engine - Misfire Monitor Neutral Profile Correction:**
 - Focus 2.3L RS 2016-; Focus 1.0L, 1.5L petrol 2014-; Mustang 2.3L and 5.0L 2015-; Mondeo 2.0L hybrid 2014- and KA+ 1.2L petrol 2016-
 - **Engine - Power Balance Test:**
 - Focus 2.3L RS 2016-; Focus 1.0L, 1.5L petrol 2014-; Mustang 2.3L and 5.0L 2015- and Mondeo 2.0L hybrid 2014-
 - **Engine - Keep Alive Memory Reset:**
 - Focus 2.3L RS 2016-; Focus 2014-; KA+ 2016-; Mondeo 2014- and Mustang 2015-
 - **Engine – Reset:**
 - Connect 2016 1.5L diesel
 - **ABS - Brake Bleed:**
 - Edge 2016-; Mondeo 2014-; Mustang 2015-; Galaxy 2015-; S-Max and Ranger 2016-
 - **Cruise Control Module - Module Calibration:**
 - Edge 2016-; Mondeo 2014-; Mustang 2015-; Galaxy 2015-; S-Max 2015- and Ranger 2016-
 - **Rear Video Camera – Configuration:**
 - Mondeo 2014- and B-Max 2013-

Jaguar

New Systems Added:

- **New instrument cluster ECU added:**
 - Codes, data and actuator tests:
 - F-Pace 2016; XE 2015-2016; XF 2016; XJ NEW 2016; XJ 2010-2015; XF 2008-2010; XF 2010-2015; F-Type 2013-2015; F-Type 2016; XK 2006-2010; XK 2010-2015; XK 2005-2006; XK 2006-2009; S-Type 2005-2008; X-Type 2004-2010

Added Functionality for Existing Systems:

- New Diesel Exhaust Fluid special function added across the diesel range where applicable

Land Rover and Range Rover

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

New Models Added:

- **Evoque, Evoque Convertible 2.0L-DT, 2.0L GTDI, 2.2L-DT** - Codes and data added with special functions which can include*:
 - *Air Path Set Up Routine, Diesel Particulate Filter Dynamic Regeneration, Diesel Particulate Filter Differential Pressure Sensor Replacement, Diesel Particulate Filter Replacement, EGR Valve Set-Up, Enable / Disable Glow Plugs, Fuel Lift Pump Reset, Gear Selector Position Sensor Learn, Glow Plug Control Module Activation Test, Hot Film Air Mass Meter Initialisation, Injector Coding, Low Pressure EGR Adaption Clear, Mass Air Flow Adaption Clear, Oxidation Catalyst, Oil Service Counter Reset, Oxygen Sensor Set-Up, Powertrain Control Module Adaption Clear, Reset Fuel Pump Adaption, Reset Water In Fuel Detection, Swirl Valve Adaption Clear, Throttle Valve Actuator Replacement Procedure, Turbine Shut-Off Valve Set-Up, Service Interval Reset (Diagnostic), Service Interval Reset (manual), Fuel Prime Routine, ABS Configuration Clear, Pressure Sensor Calibration, Steering Angle Sensor Calibration, EPB – Parking Brake Activation, EPB – Apply And Release, EPB – Release to Service Position, EPB – Exit Maintenance Mode, Airbag Build Mode, Rain Sensor Calibration, Roof Blind Calibration, Transportation Mode, All Wheel Drive Calibration, All Wheel Drive System – Pump Venting, All Wheel Drive – System Flush, Driver’s Door Window Glass Calibration, Passenger’s Door Window Glass Calibration, Rear Driver’s Door Window Glass Calibration, Rear Passenger’s Door Window Glass Calibration, Battery Replacement Procedure, Quiescent Current Control Module Internal Check, Parking Aid Control Module Reset, Parking Aid Control Module Central Configuration State Reset, Lock Steering Tune to Vehicle, Power Steering Soft-Lock End Stops Reset Routine, Rear Gate / Trunk Calibration, Driver’s Seat Calibration and Tyre Pressure Sensor Replacement*
- **Range Rover: 2.0L-GTDI, 3.0L-DT, 3.0L-DT Hybrid, 3.0L-SC, 4.4L-DT and 5.0L Range Rover Sport: 2.0L-GTDI, 3.0L-DT, 3.0L-DT Hybrid, 3.0L-SC, 4.4L-DT, 4.4L-DT, 5.0L, and 5.0L-SC** - codes and data added with special functions which can include*:
 - *Air Path Set-Up Routine, Diesel Particulate Filter Differential Pressure Sensor Replacement, Diesel Particulate Filter Replacement, Enable / Disable Glow Plugs, Exhaust Gas Recirculation Valve Set-Up, Fuel Lift Pump Reset, Gear Selector Position Sensor Learn, Glow Plug Control Module Activation Test, Hot Film Air Mass Meter Initialisation, Injector Coding, Low Pressure EGR Adaption Clear, Mass-Air Flow Adaption Clear, Oxidation Catalyst, Oil Service Counter Reset, Oxygen Sensor Set-Up, Powertrain Control Module Adaption Clear, Reset Fuel Pump Adaption, Reset Water In Fuel Detection, Swirl Valve Adaption Clear, Throttle Valve Actuator Replacement Procedure, Diesel Fuelling Adaption Re-Initialisation, Engine Control Module Low Pressure EGR Adaption Clear, Engine Control Module Mass Air Flow EGR Valve Set-Up, Exhaust Valve Adaption, Fuel Pump Supply Enable/Disable, Diesel Exhaust Fluid Tank Level Sensor Replacement, Diesel Fuelling Adaption Re-Initialisation, Diesel Particulate Filter Differential Pressure Sensor Replacement, Engine Control Module Low Pressure EGR Adaption Clear, Engine Control Module Mass Air Flow EGR Valve Set-Up, Reset Selective Catalyst Reduction Quality Monitor, Reset Selective Catalyst Reduction Start Inhibit, Driver’s Door Window Glass Calibration, Passenger’s Door Window Glass Calibration, Rear Driver’s Door Window Glass Calibration And Rear Passenger’s Door Window Glass Calibration*

*Not applicable with every model. Consult the application guide for further detail.

Land Rover and Range Rover (continued)

Models Updated to 2016:

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

Mercedes-Benz

New Systems Added:

- **New systems coverage for the C Class 204; C class 205; 117 CLA / 156 GLA / 176 A Class/ 246 B Class; E class 213; E class 212**

Systems in these ranges can include:

- Distronic – Calibration, Panoramic Sliding Roof, Fuel Pump, Shift Module, Electronic Selector Module, AMG Drive Unit, Right Rear Intelligent Radar Sensor, Left Rear Intelligent Radar Sensor, Multifunction Camera – Calibration, Back Up Camera, Radar Sensors Control, 360 Degree Camera – Calibration, Keyless Go, Multifunction Control Unit, Tailgate Control, Trailer Recognition, Telematics Services, Digital Audio Broadcasting, Audio Command Operating Unit, Drive Kit for I-phone, DVD Play, Audio Or Command, Head-Up Display, In Car Internet, Media Interface, Navigations Module, TV Tuner, Rain/Light Sensor, LIN Bus: AU - Analog Clock, LIN Bus: AISP - Dimming Inside Rearview Mirror, LIN Bus: Switch Group - Instrument Panel, LIN Bus: Windshield Wiper, LIN Bus: GTO -Garage Door Opener, LIN Bus: LDS - Switch Exterior Illuminator, LIN Bus: RGLS - Rain/Light Sensor, LIN Bus: UCP - Upper Control Panel, LIN Bus: LCP - Lower Control Panel, LIN Bus: LCP - Lower Control Panel, LIN Bus: AS - Alarm Siren LIN Bus: BSN - Battery Sensor, LIN Bus: ATA - Interior Motion Sensor, LIN Bus: LIB - Lithium-Ion Battery, LIN Bus: SIH/SIB-V -Front Seat Heater/Seat Ventilation, LIN Bus: Actuation Module, LED Exterior Light, Left Front, LIN Bus: Actuation Module, LED Exterior Light, Right Front, LIN Bus: SSE-RR - Switch Group Right Rear Seat Adjustment, LIN Bus: SSE-RF - Switch Group Right Front Seat Adjustment, LIN Bus: SSE-RF - Switch Group Right Front Seat Adjustment, LIN Bus: SSE-LF - Switch Group Left Front Seat Adjustment And LIN Bus: SSE-LF - Switch Group Left Front Seat Adjustment
- **New special functions added for the A and B Class 169 / 245 diesel engine system**
- **New special functions added for the S class 221 diesel engine system**
- **New codes, data and actuator tests available for the CLK 209 folding top system**
- **New codes, data and actuator tests available for Sprinter 906 for the SAM Front and SAM rear systems**

Opel / Vauxhall

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

New Models Added:

- **Astra K 1.0L (LE1), 1.4L-T (LE2), 1.4L (LV7), 1.6L-DT (LVL), 1.6L-DT (LVK), 1.6L-DT (LWQ), 1.6L-DT (LWV) and 1.6L-T (LWC)**
 - Engine, Transmission T76, Antilock Brakes, Airbag, Body Control Module, Electric Power Steering, Instruments, Front View Camera; Headlamp Control Module (LED), Parking Assist Control Module and Tyre Pressure Monitor
- **Karl/Vauxhall Viva – 1.0L L5Q**
 - Engine, Transmission T76, Antilock Brakes, Airbag, Body Control Module, Electric Power Steering, Instruments, Front View Camera, Parking Assist Control Module and Tyre Pressure Monitor

Models Updated to 2016:

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

New Systems Added:

- **New 2012-2016 1.3L-DT (LN9) Engine added**
 - **Includes special functions:**
 - *DPF Regeneration and DPF Reset*
 - *DPF Pressure Sensor Reset*
 - *Fuel Rail Pressure Sensor/Fuel Rail Learn*
 - *MAF Sensor Learn*
- **New engine Movano B M9T Euro 6 engine added**
 - Code functions, data, actuator tests and special functions including:
 - *Injector Coding, Airflow Meter Programming, Air Intake Meter Programming, Fuel Pump Programming, Engine Reset Adaptions, EGR Programming, DPF Pressure Sensor Programming, Proportional Richness Sensor Programming And Injection Pump Adaptions*

Porsche

New Systems Added:

- **PCM (Porsche Communication Management) System - 2005> Panamera, 911, Boxster** – code functions, data, functional tests and relearns
- **PSM (Porsche Stability Management) System - all 2010> Panamera** – code functions, data, functional tests and relearns
- **Axle Lift System added for all 2012> 911 (991)** – code functions, data and tests
- **New ECU type (DSN-Number) function to all systems of 2012> 911 (991) and Panamera**

Peugeot and Citroen

New Systems Added:

- **ABS Brake Bleed added - Citroen C3, Relay 3 and Peugeot Boxer 3**
- **New Air Suspension system added - C4 Picasso 7**
- **New BSI systems added - Citroen Berlingo, C4, DS5 and Peugeot 308 (T9), 5008**

Added Functionality for Existing Systems:

- **New special function to the BSI ECU - Key programming added for Citroen 2001-2004 C2, C3, C5, Berlingo and Peugeot 2001-2004 206,307, 607, 807**
- **New special function: Injector coding added for Citroen Berlingo, DS4, DS5 and Peugeot Partner, 5008, 208**

Renault

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

New Models Added:

- **Megane IV 1.2L-T, 1.5L-DT, 1.6L and 1.6L-DT**
- **Scenic IV 1.2L-T, 1.5L-DT and 1.6L-DT**
- **Talisman 1.5L-DT, 1.6L and 1.6L-DT**
 - Engine, Transmission, Antilock Brakes, Airbag, Body System, Climate Control, Electronic Parking Brake, Instrument Panel, Lane Assist, Park Distance Control, Power Steering, Four Wheel Steering (Talisman), Service Interval Reset, Switching Protection Unit and Tyre Pressure Monitor
 - New special functions can include:
 - *Steering Angle Calibration, Lock/Unlock Airbag ECU, Program New Valves to TPMS, Reset Adaption, Release Caliper for Brake Service, Reset Caliper after Brake Service, Service Interval Reset Procedure, Disable Function (prior to Wheel Alignment Adjustment) and Re-Enable Function (after Wheel Alignment Adjustment)*
 - New engine actuator tests for Megane IV - Scenic IV 1.5L-DT (K9K) 2016>; Megane IV - Scenic IV 1.6L-DT (R9M) 2016>; Talisman 1.6L-DT (R9M) 2016> include:
 - *Reset Adaptions, EGR Programming, Injection Pump Adaptions, Injector Programming, Proportional Richness Sensor Replace and DPF Regeneration (Megane IV - Scenic IV 1.6L-DT (R9M) 2016> only)*

Models Updated to 2016:

- **Captur, Clio IV, Espace V, Fluence, Kadjar, Kangoo II, Master III, Megane III, Renault Sport Clio IV, Renault Sport Megane III, Scenic III/XMOD, Traffic III and Twingo III**

Renault (continued)

New Systems Added:

- New Euro 6 engines added to new and existing models (where supported)

Smart

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

Models Updated to 2016:

- ForTwo, ForTwo Cabrio and ForFour

VAG - Volkswagen-Audi-Seat-Skoda

New Systems Added:

- **Added new variant for the Airbag** - special functions include:
 - Basic Setting Seat Occupied Recognition, Replace Front Left Belt Tensioner and Replace Front Right Belt Tensioner
- **Added new variant for the Steering Wheel Electronics**
- **Added new variant: (03) Brake Electronics** - special functions including:
 - Security Access, Tyre Pressure Monitoring System Reset, G85 Steering Angle Calibration, Lateral Acceleration Sensor Calibration, Brake Pressure Sensor Calibration, Tyre Type Adaption Function, Overboost Function, Vacuum Pressure Level, ECU Coding Function And Diagnostic Brake Bleed Procedure

Added Functionality for Existing Systems:

- **New function: View readiness monitor status in engine ECU for VW, Audi, Seat and Skoda**
- **Regeneration - Dynamic (driving) DPF regeneration procedure on CAY 1.6 TDI-CR series of engines implemented**
- **Updated variant: VW Crafter Parktronic (B2)** - with codes, data and actuator tests for PTS_906 and PTS_639
- **Updated variant: Telephone** - with codes and data
- **Updated variant: Xenon (Electronic Level Control 55) for EV_HeadlRegulVWLWRPt, EV_HeadlRegulVWLWRCC and EV_AdvanFrontSyste** – special functions including:
 - Adapting Travel Mode and Headlamp Basic Setting Function
- **Updated variant: Wheel dampening electronics (14) for EV_DRCONTITEMIC**

- Updated variant: (26) Electronic roof control

Volvo

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

Models Updated to 2016:

- S60, S80, V40, V60, V70, XC60, XC70 and XC90

New Systems Added:

- **18 NEW engines added including:**
 - D4204T8 (S60/V40/V60); D4204T9 (V40/S60/V60/V70); D4204T11 (XC90/S60/V60); D4204T4 (XC60); D5244T20 (XC60/XC70); D5244T21 (XC60/XC70/V60); D5244T22 (XC60/XC70/V60); B4154T4 (V40/S60/V60); B4154T5 (V40/S60/V60); B4154T6 (V40); B4154T6 (V40); B4204T5 (S60); B4204T19 (S60/V40/V60/V70); B4204T35 (XC90); B4204T37 (V40/S60/V60); B4204T38 (V40); B4204T41 (V40); D87PHEV (V60)
 - NEW special functions may include:
 - *Adaptation differential pressure sensor particle filter, adjusting calculated oil level, checking engine oil level, combustion of soot particles, DPF regeneration, entering engine oil level after service, resetting adaptations cylinder balancing, resetting adaptations diesel particle filter, resetting adaptations DPF differential pressure sensor, resetting adaptations EGR valve, resetting adaptations exhaust camshaft regulation, resetting adaptations front heated oxygen sensor, resetting adaptations fuel flow regulation valve, resetting adaptations fuel pump low pressure side, resetting adaptations fuel/air mix, resetting adaptations injectors, resetting adaptations intake camshaft regulation, resetting adaptations neutral position sensor, resetting adaptations rear heated oxygen sensor, resetting adaptations rear heated oxygen sensor regulation, resetting adaptations swirl damper, adaptations throttle, resetting adaptations turbocharger control, resetting adaptations variable nozzle turbine control, resetting adaptations wear counter for supercharger, resetting counter particle filter, throttle adaptation, checking injectors and entering engine oil level after service*
 - NEW systems may include:
 - Transmission, ABS antilock brakes, airbag, central electronics module (CEM), climate control module (CCM), driver door module (DDM), passenger door module (PDM), parking assist module (PAM) and driver information module (DIM)

USA Manufacturers

USA Manufacturers 17.4 Highlights:

- **Chrysler Engine[®] Scripted Tests – 15 new automated tests designed to save time. Includes tests such as:**
 - **Catalyst Efficiency Test, Alternator Test, Ram Active Air Box Tests and Calibrations and more**
- **Ford Keyless[®] fob Programming – Covers 1996 to current Ford / Lincoln[®] / Mercury[®] vehicles. Program the keyless entry Fob to the vehicle using this function**
- **Ford Keypad Code Programming – Covers 1996 to current Ford[®] / Lincoln[®] / Mercury[®] vehicles with the keyless entry keypad on the driver's door. Allows you to program a new code into the pad if the original one is forgotten**
- **Proprietary Freeze Frame Data – Allows you to see more detailed freeze frame data that is gathered when a code is set. This has been added for Honda[®] / Acura[®] vehicles and Mitsubishi[®] Vehicles.**
- **Harley – Davidson[®] Radio Configurations – Allows you to change the custom configurations in the radio module. Covers 2000-2013 model years**
- **Electronic Parking Brake Functions – Added to 2014 and newer Subaru[®], 2015 and newer Mazda[®], and Kia[®] vehicles**
- **Nissan[®] Titan Coverage – Covers both Cummins Diesel as well as 5.6 liter petrol engines. Also added:**
 - Transmission, ABS, Airbag, ADP, BCM, HVAC, IPD, Intelligent Key, TPMS, and Wheel Alignment coverage.
- **Hyundai[®] / Kia[®] ABS Functions – Includes High Pressure Release Mode, Fluid Circulation Mode, Pressure Sensor Calibration, and Pedal Travel Sensor Calibration**
- **Sub-Codes – More detailed, factory-level codes are now available for Ford[®] UDS vehicles (2008+), and on Nissan airbag systems.**
 - These types of codes allow more information to be provided to the technician, such as whether the circuit is shorted to power or shorted to ground.
- **Ford Mode 6 Data Enhancement – Mode 6 misfire data is now displayed within the regular Scanner data stream. This saves the technician from having to go back and forth from Scanner to OBD Direct to find this information.**

Chrysler / Dodge / Jeep

New Models Added:

- **300C (right hand drive) 3.0L-DT, 3.5L, 5.7L and 6.1L (2006 – 2010)**
 - Engine, Transmission, Antilock Brakes, Airbag, Amplifier, Automatic High Beam Module, Central Gateway, Door Modules, Electronic Overhead Module, Electronic Shifter Module, Hands Free Module, Heat Ventilation Air Conditioning, Heated Seat Module, High Intensity Discharge Translator, Instrument Cluster Module, Intrusion Module, Light Rain Sensor Module, Memory Seat, Occupant Classification Module, Parktronic, Radio, Steering Column Module, Sunroof Module, Tyre Pressure Monitor and Wireless Control Module
 - Coverage Highlights:
 - *3.0L-DT engine coverage supports code functions, data, functional tests and special functions, including:*
 - *DPF Service Regeneration*
 - *Injector Quantity Adjustment*
 - *System resets and learns, including:*
 - *DPF Replacement*
 - *Fuel Mean Value Adaption Initialisation*
 - *NOx Catalyst Initialisation and Learning functions*
 - *3.5L, 5.7L and 6.1L engine coverage includes code functions, data, functional tests and special functions including (where supported by the individual vehicle):*
 - *Cam Crank Relearn*
 - *Electronic Throttle Control Learn Values*
 - *Injector Kill Test*
 - *Memory Resets*
 - *Functional Tests, including:*
 - *Cylinder Deactivation Solenoids*
 - *Injector Cut*
 - *Miscellaneous Solenoids, Relays and Actuator outputs*
- **300C 3.0L-DT (2011 – 2014)**
 - Engine, Transmission, Antilock Brakes, Airbag, Active Damping Control Module, Adaptive Cruise Control, Adaptive Front Lighting System, Amplifier, Blind Spot Sensor (Left & Right), Body Control Module, Door Modules, Drive Train Control Module, Electronic Shifter Module, Electric Power Steering, Hands Free Module, Heat Ventilation Air Conditioning, Heated Seat Module, Instrument Cluster Module, Integrated Centre Stack, Intrusion Module, Memory Seat, Parktronic, Radio Frequency Hub, Service Interval Reset, Steering Column Module, Telematic Gateway Radio and Tyre Pressure Monitor
 - Coverage Highlights:
 - *3.0L-DT engine coverage supports code functions, data, functional tests and special functions, including (where supported by the individual vehicle):*
 - *DPF Service Regeneration*
 - *Injector Quantity Adjustment*
 - *System resets and learns, including:*
 - *Air Flow Meter Replacement*
 - *DPF Resets*
 - *Lambda Sensor Replacement*
 - *Reset Oil Change Indicator*
 - *Reset Zero Fuel Quantity Calibration*
 - *Throttle Valve Learn*

Chrysler / Dodge / Jeep (continued)

New Models Added (continued):

- **Cherokee (right hand drive) 2.8L-DT and 3.7L (2008 – 2013):**
 - Engine, Transmission, Antilock Brakes, Airbag, Amplifier, Central Gateway, Door Modules (Front Left, Front Right), Electronic Shifter Module, Final Drive Control/AWD, Hands Free Module, Heat Ventilation A/C, Instrument Cluster Module, Intrusion Module, Memory Seat, Occupant Classification Module, Parktronics, Radio, Steering Angle Sensor, Sunroof Module, Tyre Pressure Monitor and Wireless Control Module
 - Coverage Highlights:
 - *2.8L-DT engine coverage supports code functions, data, functional tests and special functions, including:*
 - DPF Service Regeneration
 - Injector Quantity Adjustment
 - System resets and learns, including:
 - DPF Replacement
 - Fuel Mean Value Adaption Initialisation
 - Reset Mass Air Flow Values
 - *3.7L engine content includes code functions, data, functional tests and special functions. Special functions vary from model to model but may include:*
 - Cam-Crank Relearn
 - Cylinder Misfire diagnosis assist
 - Electronic Throttle Control Learn Values Reset
 - *Transmission coverage supports code functions, data and special functions, including Transmission Adaptive Functions*
 - *ABS content varies depending on model variant, but may include code functions, data, functional tests and special functions, such as:*
 - Steering Wheel Angle Sensor Initialise
 - ECU Initialise
 - *Central Gateway content may vary from model to model, but can include code functions, data, functional tests and special functions:*
 - Program Tyre Size
 - User Options – adjust saved vehicle settings to suit user preferences.*Available tests depend on the vehicle variant, but may include:*
 - Accessory Delay Time
 - Daytime Running Lamps enable/disable
 - Headlamp Delay Time
 - Unlock All Doors on First Press
- **Cherokee (right hand drive) 2.5L-DT and 4.0L (1997 – 1999):**
 - Engine, Transmission (4.0L only), Antilock Brakes and Airbag
 - Coverage Highlights:
 - *Diesel and petrol engine coverage supports code functions, data and functional tests*
- **Cherokee (right hand drive) 2.5L-DT and 4.0L (2000 – 2001):**
 - Engine, Transmission (4.0L only), Antilock Brakes, Airbag and Sentry Key Immobiliser
 - Coverage Highlights:
 - *Diesel and petrol engine coverage supports code functions, data and functional tests*

Chrysler / Dodge / Jeep (continued)

New Models Added (continued):

- **Commander (right hand drive) 3.0L-DT, 4.7L and 5.7L (2006 – 2010):**
 - Engine, Transmission, Antilock Brakes, Airbag, Amplifier, Auto Headlamp Levelling Module, Automatic High Beam Module, Central Gateway, Door Modules (Drivers and Passengers), Electronic Shifter Module, Final Drive Control/AWD, Hands Free Module, Heat Ventilation A/C, Heated Seat Module, Instrument Cluster Module, Intrusion Module, Light Rain Sensor Module, Memory Seat Module, Parktronic, Power Liftgate Module, Radio, Steering Angle Sensor, Sunroof Module, Tyre Pressure Monitor and Wireless Control Module
 - Coverage Highlights:
 - *New 3.0L-DT engine coverage includes code functions, data, functional tests and special functions, including:*
 - Compression Test
 - Injector Quantity Adjustment
 - *4.7 and 5.7L engine content includes code functions, data, functional tests and special functions. Special functions vary from model to model but may include:*
 - Cam-Crank Relearn
 - Cylinder Misfire diagnosis assist
 - Electronic Throttle Control Learn Values Reset
 - *Transmission coverage supports code functions, data and special functions, including Transmission Adaptive Functions*
 - *ABS content varies depending on model variant, but may include code functions, data, functional tests and special functions, such as:*
 - Steering Wheel Angle Sensor Initialise
 - ECU Initialise
 - *Central Gateway content may vary from model to model, but can include code functions, data, functional tests and special functions:*
 - Program Tyre Size
 - User Options – adjust saved vehicle settings to suit user preferences.
Available tests depend on the vehicle variant, but may include:
 - Accessory Delay Time
 - Headlamp Delay Time
 - Illuminated Entry Time
- **Grand Voyager (right hand drive) 2.8L-DT, 3.6L and 3.8L (2008 – 2015):**
 - Engine, Transmission, Antilock Brakes, Airbag, Amplifier, Automatic High Beam Module, Blind Spot Module, Central Gateway, Door Modules, Fold Stow Module, Hands Free Module, Heat Ventilation Air Conditioning, High Intensity Discharge Translator, Instrument Cluster Module, Intrusion Module, Memory Seat, Parktronic, Power Liftgate, Power Sliding Doors (Left & Right), Radio, Service Interval Reset, Steering Angle Sensor, Sunroof Module, Tyre Pressure Monitor and Wireless Control Module
 - Coverage Highlights:
 - *Diesel engine coverage includes code functions, data, functional tests and special functions, including:*
 - DPF Regeneration
 - Injector Quantity Adjustment (programming)
 - System Resets and Learns, including:
 - DPF Replacement
 - Differential Pressure Sensor Replacement
 - Fuel Mean Value Adaption Initialisation
 - IMA Rapid Calibration
 - Reset Mass Airflow Values

Chrysler / Dodge / Jeep (continued)

New Models Added (continued):

- **PT-Cruiser 2.0L (2001 – 2005):**
 - Engine, Transmission, Antilock Brakes, Airbag, Instrument Cluster and Sentry Key Immobiliser

New System Added:

- **Airbag – added for Cherokee, Grand Cherokee and Wrangler models (1997 – 1998)**
 - Code functions

Added Functionality for Existing Systems:

- **Cherokee 2.8L-DT (2005 – 2007):**
 - Engine special function – *Injector Programming*

Ford USA

Added Functionality for Existing Systems:

- **Mode 6 Misfire Data for all applicable engines**
- **Sub Codes: 4-Byte-DTCs (CMDTCs) and 3-Bytes (On-Demand, KOEO, Status Codes, for all applicable systems**
- **Keyless Entry Fob programming for all applicable 1996-2000 vehicles, using ISO**
- **Keyless Entry Fob programming for all applicable 2001-2004 vehicles, using PWM**
- **Keyless Entry Fob programming for all applicable 2005-2016 vehicles, using CAN/UDS**
- **Keypad Code/Programming for all applicable 1996-2000 vehicles, using ISO.**
- **Keyless Entry Keypad Code/Programming for all applicable 2001-2004 vehicles, using PWM**
- **Keyless Entry: Keypad Code/Programming for all applicable 2005-2016 vehicles, using CAN/UDS**

General Motors USA

Models Updated to 2017:

- GM – Buick, Cadillac, Chevrolet and GMC model range's all now updated to the 2017 model year!

New Systems Added:

- Vehicle Communication Interface for all 2008 and newer applicable models, including codes, data and functional tests

Harley Davidson Motorcycles

Models Updated to 2017:

- Harley Davidson model range now updated to the 2017 model year!

Added Functionality for Existing Systems:

- Harley – Davidson® Radio Configurations – Allows you to change the custom configurations in the radio module. Covers 2000-2013 model years

Australian Component Test Meter*

- **All new Australian CTM content added for 17.4!**
- **Includes new Australian model coverage for 4 makes and 33 different model variants!**
- **New content for models between 2008 and 2016!**
- **4 makes include new coverage for popular Australian diesel models!**

New CTM Coverage Added:

- **Ford:**
 - Falcon FG-X 4.0L (2014 – 2016): Engine
 - Ranger PX MKII 3.2L-DT (2015 – 2016): Engine
 - Ranger PX 2.2L-DT (coverage extended to 2015): Engine
 - Ranger PX 3.2L-DT (coverage extended to 2015): Engine
 - Territory SZ MKII 2.7L-DT (2014 – 2016): Engine
 - Territory SZ MKII 4.0L (2014 – 2016): Engine
- **Holden:**
 - Colorado RG 2.8L-DT LWN (2013 – 2016): Engine
 - Commodore VF Series 2 6.2L LS3 (2015 – 2016): Engine
 - Commodore VF 6.0L L77 (2013 – 2015): Engine
 - Commodore VF 6.2L LS3 (2013 – 2015): Engine
 - Malibu V300 2.4L (2013 – 2016): Engine
- **Hyundai:**
 - Elantra AD 2.0L (2015–2016): Engine
 - iLoad 2.4L (2008 – 2016): Engine
 - iLoad 2.5L-DT (2008 – 2016): Engine
 - iMax 2.4L (2008 – 2016): Engine
 - iMax 2.5L-DT (2008 – 2016): Engine
 - ix35 LM3 2.0L-DT (2013 – 2015): Engine
 - ix35 LM3 2.0L GDI (2013 – 2015): Engine
 - ix35 LM3 2.4L GDI (2013 – 2015): Engine
- **Mazda:**
 - CX-3 1.5L-DT (2015–2016): Engine
 - CX-3 2.0L (2015–2016): Engine
 - CX-5 2.0L (2012 – 2016): Engine
 - CX-5 2.2L-DT (2012 – 2016): Engine
 - CX-5 2.5L (2013 – 2016): Engine
 - CX-9 TC 2.5L-T (2016): Engine
 - Mazda 2 1.5L 79kw and 81kw (2014 – 2016): Engine
 - Mazda 3 2.0L (2011 – 2016): Engine
 - Mazda 3 2.2L-DT (2014 – 2016): Engine
 - Mazda 3 2.5L (2013 – 2016): Engine
 - Mazda 6 2.2L-DT (2012 – 2016): Engine
 - Mazda 6 2.5L (2012 – 2016): Engine
 - MX-5 ND 1.5L (2015 – 2016): Engine
 - MX-5 ND 2.0L (2015 – 2016): Engine

European Component Test Meter[^] and Troubleshooter[°]

Component Test Meter:

- **NEW CTM MANUFACTURER: Iveco (1999 - 2016)**
 - All major models and engines covered
 - Including ABS module with tests
 - Including speed sensor and brake pedal component information and tests
- **29 European makes now covered!**
- **3 NEW Technology Classes added!**
 - **10 minute Brushless Direct Current Motor Class Theory, operation and advantages - trends**
 - **15 minute Selective Catalytic Reduction Class - Chemical process and reaction diagrams**
 - **15 minute Engine Mechanical Theory Class Focus on compression ratios, Atkinson cycle and superchargers**
- **4 NEW vehicle specific case studies added:**
 - **VW Polo - diesel particulate filter sensor fault**
 - **BMW E46 - down on power, Vanos fault**
 - **Chevrolet Cruze - diesel electronic throttle control fault**
 - **VW Golf - fuel pump fault**

European Vehicle CTM Makes:

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

[^]European CTM available on VERUS[®] Family, VERDICT[®] and MODIS[®] Family.

[°]European Troubleshooter available on VERUS[®] Family and VERDICT[®].

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

USA Component Test Meter and Troubleshooter*

Enhanced Component Test Meter and Troubleshooter Coverage

- **294,302 more tests than 17.2**
- **17.4 - 4,389,087 Total Tests**
- **Expanded Body Electrical Coverage:**
 - **Audi / VW – Back to 1997**
 - **Chrysler / Dodge / Jeep / RAM – Back to 2003**
 - **Honda / Acura – Back to 1996**
 - **BMW – Back to 1998**
 - **Ford / GM – Back to 2000**
- **6,501 NEW Tests in Body Electrical alone! Over 33,000 Body Electrical Tests Total!**
- **New HVAC and Starting Systems**
 - **Honda / Acura – 2012-2016**
 - **Ford / Lincoln / Mercury – 2000-2016**
 - **GM – 1998-2016**
 - **Hyundai – 1996-2010**
- **8,171 NEW HVAC Tests available in this release! Coverage for 18 different makes!**
- **Guided Component Tests for New Systems Added**
 - **Mercedes-Benz Sprinter Coverage**
 - **Subaru CVT Coverage**
 - **Ford 450 and 550 Coverage**
 - **Tests on over 400 new Mercedes-Benz Transmissions added**
 - **1996-2016**

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 |

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