

## **Australian 19.2 Software Release Details**

<b>Australian Manufacturers:</b>	<b>Pages 2 – 23</b>
<b>European Manufacturers:</b>	<b>Pages 24 - 35</b>
<b>USA Manufacturers:</b>	<b>Pages 36 - 38</b>
<b>Component Tester/Troubleshooter:</b>	<b>Pages 39 - 42</b>

### **Australian Manufacturers New for 19.2**

#### **<< Quick Stats for Australian 19.2 Software >>**

##### **New for 19.2 (from 18.4):**

***CTM Update for 4 Australian makes, including up 96 new models or model variants!***

***New Mazda Key coding support for 4 popular models from 2006 to 2013!***

***Over 800 NEW, EXPANDED or ENHANCED Australian system selections for 19.2!***

***2018 Model year coverage for 15 manufacturers in Australian software!***

***15 Australian manufacturers receive new or updated content in 19.2!***

***Over 25 New Australian models and variants!***

***60 existing models extended to 2018!***

***New or enhanced content for Australian models from 2006 – 2018***

***Over 18 new system type selections across 6 Australian makes, including 8 new system types for Australian Subaru!***

## Ford

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

### **New Models Added:**

- **Ecosport BL 1.0L-T and 1.5L (2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Accessory Protocol Interface Module, Audio, Body Control Module, Door Modules, Gateway Module A, Heating Ventilation and Air Conditioning, Instrument Panel, Parking Aid, Power Steering, Side Obstacle Detection (Left & Right) and Steering Column Control Module
  - Coverage Highlights:
    - *Petrol engine support code functions, data, functional tests and special functions:*
      - *Misfire Monitor Neutral Profile Correction*
      - *Power Balance*
      - *Relative Compression Test*
      - *Reset Keep Alive Memory*
    - *Transmission support code functions, data, functional tests and special functions:*
      - *Adaptive Learning functions*
      - *Reset Keep Alive Memory*
      - *Transmission Characterisation and Solenoid Identification*
- **Everest 2.0L-DT (Bi-turbo) and 3.2L-DT (2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Accessory Protocol Interface Module, Adaptive Cruise Control, All Terrain Control Module, Audio, Body Control Module, DC to DC Convertor Module, Digital Audio Control Module C, Door Modules, Front Control Interface Module, Front Control/Display Interface Module, Gateway Module, Global Positioning System, Headlamp Control Module, Head Up Display, Image Processing Module A (Lane Assist), Instrument Panel, Parking Aid, Power Steering, Rear Gate/Trunk Module, Rear Heating Ventilation and Air Conditioning, Selective Catalytic Reduction (AdBlue), Side Obstacle Detection (Left & Right), Steering Column Control Module, Tyre Pressure Monitor, Trailer Module and Transfer Case Control Module
  - Coverage Highlights:
    - *Coverage for the 3.2L-DT engine includes functional tests and special functions, including:*
      - *DPF Regeneration*
      - *Fuel Injector Programming*
      - *System Resets and Learns*
    - *3.2L-DT Transmission coverage includes Adaptive Learning functionality*
    - *ABS coverage includes functional tests and special functions:*
      - *Brake Bleeding*
      - *Calibrate Longitudinal Acceleration Sensor*
    - *3.2L-DT Selective Catalytic Reduction coverage includes special functions:*
      - *Leak Check*
      - *Parameter Reset*
      - *System Empty and Refill functions*
    - *BCM coverage includes special function – Battery Monitoring System Reset*
    - *Image Processing Module A (Lane Assist) includes Camera Alignment special function. Test is completed by driving the vehicle with specified conditions after starting the procedure with the scan tool. This function is required after replacement of the windscreen or rear view mirror.*
    - *Tyre Pressure Monitor coverage includes Sensor Training Mode*
    - *Trailer Module support includes Tow Configuration special function*

## Ford (continued)

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

- **Mustang FN 2.3L-T and 5.0L (2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Accessory Protocol Interface Module, Audio, Body Control Module, Body Control Module B, Control/Display Interface Module (Front), Controls Interface Module (Front), Cruise Control Module, Digital Audio Control Module, Digital Signal Processing Module, Door Modules, Gateway Module A, Global Positioning System, Headlamp Control Module, Head Up Display, Heated Steering Wheel, Information Centre Module, Image Processing Module A (Lane Assist), Instrument Panel, Parking Aid, Power Steering, Radio Transceiver Module, Seat Control Module E, Seat Module Driver, Side Obstacle Detection (Left & Right), Telematics Control Module, Tyre Pressure Monitor and Vehicle Dynamics Module
  - Coverage Highlights:
    - *Petrol engine support code functions, data, functional tests and special functions:*
      - Misfire Monitor Neutral Profile Correction
      - Power Balance
      - Relative Compression Test
      - Reset Keep Alive Memory
    - *Transmission support code functions, data, functional tests and special functions:*
      - Adaptive Learning functions
      - Reset Keep Alive Memory
      - Transmission Characterisation and Solenoid Identification
    - *Body Control Module coverage includes functional tests and special functions:*
      - Battery Monitor System Reset
      - TPMS Training Mode (also included in TPMS system menu)
    - *Vehicle Dynamics coverage includes Height Sensor Calibration special function*
- **Ranger PXIII 2.0L-DT (Bi-turbo), 2.2L-DT and 3.2L-DT (2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Accessory Protocol Interface Module, Adaptive Cruise Control, Audio, Body Control Module, DC to DC Convertor Module, Digital Audio Control Module C, Door Modules, Front Control Interface Module, Front Control/Display Interface Module, Gateway Module, Global Positioning System, Headlamp Control Module, Image Processing Module A (Lane Assist), Instrument Panel, Parking Aid, Power Steering, Steering Column Control Module, Tyre Pressure Monitor and Trailer Module
  - Coverage Highlights:
    - *Coverage for the 2.2L-DT and 3.2L-DT engine includes functional tests and special functions, including:*
      - DPF Regeneration
      - Fuel Injector Programming
      - System Resets and Learns
    - *2.2L-DT and 3.2L-DT Transmission coverage includes Adaptive Learning*
    - *ABS coverage includes functional tests and special functions:*
      - Brake Bleeding
      - Calibrate Longitudinal Acceleration Sensor
    - *Image Processing Module A (Lane Assist) includes Camera Alignment special function. Test is completed by driving the vehicle with specified conditions after starting the procedure with the scan tool. This function is required after replacement of the windscreen or rear view mirror.*
    - *Tyre Pressure Monitor coverage includes Sensor Training Mode*
    - *Trailer Module support includes Tow Configuration special function*

## Ford (continued)

### Models Updated to 2018:

- **Escape, Fiesta WZ, Focus LZ and Mondeo MD**

### New Systems Added:

- **Focus LZ 1.5L-T and 2.0L-T (2015 - 2018):**
  - Digital Signal Processing Module: code functions and data
- **Mondeo MD 2.0L-T and 2.0L-DT (2015 - 2018):**
  - Rear Gate/Trunk Module: code functions and data
  - Side Obstacle Detection Control Module (Left): code functions and data
  - Side Obstacle Detection Control Module (Right): code functions and data
  - Vehicle Dynamics Module: code functions and data

### Added Functionality for Existing Systems:

- **Everest 3.2L-DT (2015 – 2017):**
  - Engine functional tests added, including:
    - *A/C Compressor Commanded State*
    - *Desired Idle Speed*
    - *Generator Voltage Desired (V)*
    - *Variable Geometry Turbocharger*
  - ABS special function: *Brake Bleeding*
- **Falcon FG 5.4L (2008 – 2010):**
  - **Key Coding and Parameter Reset added for 5.4L**
  - Engine special functions added:
    - *Parameter Reset*
    - *Reset Keep Alive Memory*
  - Body Control Module special functions added:
    - *Key Coding*
    - *Parameter Reset (engine)*
    - *Remote Coding instructions*
- **Mondeo MD 2.0L-T and 2.0L-DT (2015 - 2018):**
  - Engine functional tests (2.0L-T): additional functional tests added, including:
    - *Cooling Fan Control Low and High speed*
    - *Engine RPM*
    - *Fuel Volume Control Valve %*
    - *Spark Advance*
    - *Turbocharger Wastegate*
  - 2.0L-T Transmission functional tests added:
    - *Firm Shift Control*
    - *Shift Solenoid Pressure Control A/B/C/D/E*
  - ABS functional tests added, including:
    - *Power supply controls*
    - *Solenoid Valve controls*
    - *Rear Stop Lamp*
  - Image Processing Module A: Data and special function:
    - *Lane Departure Warning System Camera Alignment*

### Ford (continued)

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

- **Ranger PX MKII 2.2L-DT (2015 - 2017):**
  - 2.2L-DT Engine functional tests added, including:
    - *A/C Compressor Commanded State*
    - *Desired Idle Speed*
    - *Generator Voltage Desired (V)*
    - *Variable Geometry Turbocharger*
  - ABS functional tests and special functions, including:
    - *Brake Bleeding*
    - *Solenoid Valve functional tests*
- **Ranger PX MKII 3.2L-DT (2015 - 2017):**
  - ABS functional tests and special functions, including:
    - *Brake Bleeding*
    - *Solenoid Valve functional tests*

### Fuso

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

- **Fighter FK & FM 7.5L-DT (2018):**
  - Engine special function added - *Refreshing Mode for Urea Deposit*

### Hino

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

- **300 and 500**

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

- **500 5.1L-DT (2018):**
  - Engine – enhanced coverage for additional data parameters and functional tests

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

- **300 6.4L-DT (2018):**
  - Immobiliser – code functions and data

### Holden

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

- **Commodore VF and VF Series 2 (2013 – 2017):**
  - Liftgate Control Module – code functions and data
    - *New system support for "Sportwagon" models*
- **Colorado RG and Colorado 7 RG 2.8L-DT LWN (2013 – 2016):**
  - Trailer Interface Control Module – code functions, data, functional tests and special functions, including:
    - *Trailer lamp output controls*
    - *CAN Bus Configuration Learn*

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

- **Colorado RG and Colorado 7 RG 2.8L-DT LWN (2013 – 2016):**
  - Engine special function's added:
    - *Fuel System High Pressure Test (Engine Runs)*
    - *Prime Fuel Pump – automatically cycles fuel pump on and off for a specified length of time*
- **Colorado RG and Colorado 7 RG 2.8L-DT LWH (2012 – 2013):**
  - Engine – enhanced coverage for additional data parameters and functional tests, including:
    - *A/C Relay*
    - *Compression Test*
    - *EGR Valve %*
    - *Generator L Terminal*
    - *Glow Plugs*
    - *Turbocharger Vane Position %*
  - Park Assist Control Module special function – *Clear History Data*
- **Commodore VF and VF Series 2 (2013 – 2017):**
  - Trailer Interface Control Module special function - *CAN Bus Configuration Learn*

### Honda

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

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

- **HR-V (RU) MY18 1.8L (2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Auto Light Levelling, Body Unit Information, CAN Gateway, City Brake Active, Door Locks, Electric Parking Brake, Electric Power Steering, Electric Vacuum Pump, Forward Collision Warning/Lane Departure Warning, Gauges, Heating Ventilation and Air Conditioning, Keyless Access Backup Control Unit, Keyless Access Control Unit, Keyless Access Power Control Unit, Keyless Transmitter, Lighting, Parking Sensor, Power Windows, Seat Heater, Security, Tyre Pressure Monitor and Wiper
  - Coverage Highlights:
    - *Engine coverage supports functional tests and special functions, including:*
      - *Crankshaft Position Variation Learn*
      - *Battery Current Consumption History*
    - *Transmission coverage supports functional tests and special functions, including Inclination Sensor Learn*
    - *ABS coverage includes all sensor calibration*
    - *Electric Parking Brake coverage supports Brake Pad Maintenance Mode functions for brake pad replacement*
    - *Auto Light Levelling support includes Sensor Calibration special function*
    - *New CAN Gateway includes functional test - F-CAN Bus Connected Unit Check*
- **NSX (NC) MY18 3.5L-T Hybrid (2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Active Damper, Auto Light Levelling, Body Unit Information, CAN Gateway, Door Locks, Electric Powertrain, Electric Parking Brake, Electric Power Steering, Electric Servo Brake, Gauges, Heating Ventilation and Air Conditioning, Immobiliser, Keyless Access Backup Control Unit, Keyless Access Control Unit, Keyless Access Power Control Unit, Keyless Transmitter, Lighting, Parking Sensor, Power Seat/Power Mirror, Power Windows, Seat Heater, Security, Semiconductor Fuse, Telematics, Tyre Pressure Monitor and Wiper
- **Odyssey (RC) MY18 2.4L (2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Active Cornering Light, Blind Spot Information, Body Unit Information, CAN Gateway, Door Locks, Electric Power Steering, Electric Vacuum Pump, Gauges, Heating Ventilation and Air Conditioning, Integrated Driver Support System, Keyless Access Backup Control Unit, Keyless Access Control Unit, Keyless Access Power Control Unit, Keyless Transmitter, Lighting, Multi-View Camera System, Parking Sensor, Power Sliding Door, Power Windows, Security, Tyre Pressure Monitor and Wiper
  - Coverage Highlights:
    - *Engine coverage includes functional tests and special functions, including:*
      - *Crankshaft Position Variation Learn*
      - *Battery Current Consumption History*
      - *Read, clear and write starter operation counter*
    - *Transmission coverage supports functional tests and special functions, including Inclination Sensor Learn*
    - *ABS coverage includes all sensor calibration*
    - *Electric Power Steering coverage includes special functions:*
      - *Steering Angle Sensor Value Clear and Steering End Position Learning*
    - *New CAN Gateway includes functional test - F-CAN Bus Connected Unit Check*

### Honda (continued)

#### Models Updated to 2018:

- Accord, City, Civic, CR-V and Jazz

#### New Systems Added:

- Civic Sedan FC 1.8L (2016 – 2018)
  - Seat Heater – code functions and data

#### Added Functionality for Existing Systems:

- Engine special function:
  - Battery Current Consumption History – display's stored data in the vehicle ECU for battery current consumption. Function has been added for many models where supported by the individual vehicle, including:
    - Civic Hatch FK
    - Civic Sedan FC
    - CR-V RW
    - HR-V RU
    - Odyssey RC

### Hyundai

#### Added Functionality for Existing Systems:

- i30 GD 1.6L-DT (2007 – 2012):
  - Engine – special functions, including:
    - *Component Change Routine – system resets and learns, including (if supported by the individual vehicle):*
      - Air Flow Sensor Replacement
      - Differential Pressure Sensor Replacement
      - DPF Replacement
      - ECU Replacement
      - Lambda Sensor Replacement
      - Rail Pressure Sensor Replacement
      - Swirl Control Valve Replacement
      - Throttle Valve Replacement
    - *Engine Test Functions, may include (if supported by the individual vehicle):*
      - Compression Test – Disable fuel injection to perform a compression test
      - Idle Speed Comparison – compare the engine speed of each cylinder with the engine running at idle
      - Injection Quantity Comparison – compare the injection quantity correction of each cylinder with cylinder balancing



## Hyundai (continued)

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

- **i30 PD (2017 – 2018):**
  - Engine – special function: *ETC Test*
    - *This function commands a self-test on the throttle control system. Added for petrol engines where supported by the vehicle, including 1.6L-GDI Turbo and 2.0L-GDI*
  - Dual Clutch Automatic Transmission (1.6L-DT & 1.6L-GDI Turbo) – special functions, including (where supported):
    - *Checking the Wear Amount of Clutch*
    - *Clutch Compensation Value Setting*
    - *DCT Learning Function*
  - Instrument Cluster Module – special function: *Variant Coding (manual)*
    - *This function allows the vehicle configuration to be set manually into an instrument cluster after it has been replaced*

## ISUZU

- **One Touch Code Scan and Clear All Codes extended to the 2018 model year for D-Max and MU-X!**

### New Models Added:

- **D-Max 1.9L-DT Euro 6 (EU market) (2017 – 2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Body Control Module, Heating Ventilation and Air Conditioning, Intelligent Battery System and Transfer Case Control Module
  - Coverage Highlights:
    - *Engine coverage includes code functions, data and functional tests, including:*
      - *EGR Solenoid*
      - *Instrument Cluster lamp activations*
      - *Intake Throttle %*
      - *Turbocharger Boost Solenoid*

### Models Updated to 2018:

- **D-Max, MU-X, F-Series and N-Series**

### New Systems Added:

- **D-Max and MU-X (2017 - 2018):**
  - HVAC – *manual flash code retrieval procedure and code list added*

### Kia

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

- **Carnival YP (2016 - 2018):**
  - Power Sliding Door – code functions, data and special function: *User Option Module*
    - *This function provides the ability to customise saved vehicle settings to suit the customer.*
  - Smart Cruise Control – code functions, data and special function: *Radar Sensor Alignment*
  - Surround View Monitor – code functions, data and functional tests

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

- **Grand Carnival (2005 - 2011):**
  - Antilock Brakes special functions - *System Tests, including where supported:*
    - *Air Bleeding*
    - *Auto Detected Configuration Reset*
    - *Solenoid Valve Test*
    - *Steering Angle Sensor Calibration*

### Lexus\*

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

- **New systems for applicable 2016 and newer vehicles - Codes, Data, Functional Tests**
  - Parking Assist Camera – code functions, data and functional tests (if applicable)
    - RX 350
    - RX 450h
- **New systems for applicable 2018 vehicles - Codes, Data, Functional Tests**
  - Pedestrian Protection
    - LC 500
    - LC 500h
    - LS 500
  - Steering Angle Sensor
- **More Electronic Parking Brake coverage for applicable 2017 and newer models**

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

- **Applicable vehicles, special function - Camera Calibration**
  - Front Recognition
  - Camera Lane Keep Assist
  - Lane Departure Warning
  - Panoramic View Monitor

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

## Mazda

### New Systems Added:

- **Mazda 6 GL (2016 – 2018):**
  - Head Up Display – code functions, data and functional tests:
    - *Head Up Display Test*
  - View Monitor Camera – code functions and data

### Added Functionality for Existing Systems:

- **CX-5 KF (2017 – 2018):**
  - Electric Parking Brake – *Maintenance Mode instructions added.*
    - *Vehicles fitted with electric parking brakes need to be placed into maintenance mode prior to performing any rear brake caliper related maintenance or parts replacement (such as brake pads). Instructions are also included to end the maintenance mode. This is an important procedure to prevent damage to vehicle components or risk of personal injury.*
- **Key Coding added for popular models**
  - Key Programming functions have been added for 19.2, all in a convenient, easy to locate “Immobiliser” system menu.
  - Includes code functions and special functions:
    - *Erase Key*
      - *Erase previously programmed keys from the vehicle*
    - *Key Programming*
      - *Program new keys to the vehicle easily with clear on screen instructions.*
      - *NOTE: Requires a minimum of 2 keys that are not duplicate “cloned” copies of each other*
    - *Remote Programming*
      - *Remote programming is a manual procedure, instructions on how to complete this is included within the immobiliser menu*
  - This new functionality has been added for a number of popular Mazda models:
    - Mazda 2 DE (2008 – 2012)
    - Mazda 3 BL (2009 – 2013)
    - Mazda 3 BK (2006 – 2009)
    - CX-7 ER (2006 – 2012)

**19.2 adds new Australian Mazda content for older model vehicles, with additional support added for models between 2006 to 2018!**

### Mitsubishi

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

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

- **ASX XC 2WD/4WD 2.0L and 2.2L-DT (2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Adaptive Front Lighting, Air Conditioner, Audio (2.2L-DT), Blind Spot Warning, Corner Sensor/Back Sensor, Cruise Control (2.0L), Electric Power Steering, Electronic Time and Alarm Control, Forward Collision Mitigation/Lane Departure/Automatic High Beam, Four Wheel Drive, Gateway, Immobiliser/Keyless Entry, Meter, One Touch Stop/Start, Power Window, Rain Light Sensor, Steering Angle Sensor and Sunroof
  - Coverage Highlights:
    - *Petrol engine coverage includes code functions, data, functional tests and special functions, including:*
      - Battery Current Sensor Reset
      - Learned Value Reset
    - *Diesel engine coverage includes code functions, data, functional tests and special functions, including:*
      - Battery Current Sensor Calibration
      - DPF Regeneration
      - Fuel Leakage
      - Injector Programming
      - Small Injection Quantity Learning
      - System / component initialisation functions
    - *Petrol transmission coverage includes special functions, e.g.:*
      - Control Valve Learning Mode
      - Calibration Value Reset
      - CVT Oil Degradation Level
      - Electronic Oil Pump Air Bleeding
    - *Antilock Brake coverage includes code functions, data, functional tests and special functions:*
      - All Sensor Calibrations – Steering Angle, Brake Pressure etc.
    - *Adaptive Front Lighting system includes code functions, data, functional tests and special functions:*
      - Height Sensor Initial Position Clear
      - Height Sensor Initial Position Learning
    - *New Blind Spot Warning (master/slave) coverage supports code functions, data, functional test and special function – Radar Detecting Angle Check*
    - *New Forward Collision Mitigation/Lane Departure/Automatic High Beam coverage supports code functions, data, functional tests and special functions:*
      - Automatic High Beam Operation Check Mode
      - Camera Calibration
    - *Meter system includes Service Interval Reset functionality*
    - *Rain Light Sensor coverage includes special function – Rain Sensor Adaption*

**Up to 22 systems supported for the new MY18 ASX XC in 19.2!**

## Mitsubishi (continued)

### New Models Added (continued):

- **Eclipse Cross YA 1.5L-T (2018):**

- Engine, Transmission, Antilock Brakes, Airbag, Adaptive Cruise Control/Forward Collision Mitigation, Air Conditioner, All Wheel Drive Control, Audio, Blind Spot Warning, Corner Sensor/Sonar, Electric Parking Brake, Electric Power Steering, Electronic Time and Alarm Control, Forward Collision Mitigation/Lane Departure/Automatic High Beam, Gateway, Head Up Display, Immobiliser/Keyless Entry, Meter, Multi Around Monitor, Rain Light Sensor, Security Alarm, Steering Angle Sensor and Sunroof
- Coverage Highlights:
  - *Engine coverage includes code functions, data, functional tests and special functions, including:*
    - *Battery Current Sensor Reset*
    - *Learned Value Reset*
    - *Starter Counter Writing*
  - *Transmission coverage includes special functions, e.g.:*
    - *Control Valve Learning Mode*
    - *Calibration Value Reset*
    - *CVT Oil Degradation Level*
    - *Electronic Oil Pump Air Bleeding*
  - *Antilock Brake coverage includes code functions, data, functional tests and special functions:*
    - *All Sensor Calibrations – Steering Angle, Brake Pressure etc.*
  - *Airbag system coverage includes Chassis/VIN writing and Coding*
  - *Adaptive Cruise Control/Forward Collision Mitigation includes Radar Alignment*
  - *Blind Spot Warning (master/slave) coverage supports code functions, data, functional test and special function – Radar Detecting Angle Check*
  - *Electric Park Brake supports Brake Pad Maintenance Mode*
  - *Forward Collision Mitigation/Lane Departure/Automatic High Beam coverage supports code functions, data, functional tests and special functions:*
    - *Automatic High Beam Operation Check Mode*
    - *Camera Calibration*
  - *All new Head-up display support in 19.2 for Mitsubishi – supports code functions, data and functional tests*
  - *Multi-Around Monitor supports code functions, data, functional tests and special functions, including:*
    - *Calibration*
    - *Initialisation*
  - *All new Security Alarm coverage, with data available for 19.2!*

**Up to 24 systems supported for the all new Eclipse Cross in 19.2!**

**All-important special functions included across many systems – keep your customers happy and keep the profits in house by completing the whole job!**

## Mitsubishi (continued)

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

- **Outlander ZL 2.0L, 2.2L-DT and 2.4L (2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Adaptive Cruise Control/Forward Collision Mitigation, Air Conditioner, All Wheel Drive, Audio, Audio Navigation Display, Blind Spot Warning, Corner Sensor/Sonar, Cruise Control (2.0L and 2.4L), Electric Parking Brake, Electric Power Steering, Electronic Time and Alarm Control, Forward Collision Mitigation/Lane Departure/Automatic High Beam, Gateway, Immobiliser/Keyless Entry, Meter, Multi-Around Monitor, One Touch Stop/Start, Power Gate, Power Window, Rain Light Sensor, Security Alarm, Steering Angle Sensor and Sunroof
  - Coverage Highlights:
    - *Petrol engine coverage includes code functions, data, functional tests and special functions, including:*
      - *Battery Current Sensor Reset/Calibration*
      - *Learned Value Reset*
    - *Diesel engine coverage includes code functions, data, functional tests and special functions, including:*
      - *Battery Current Sensor Calibration*
      - *DPF Regeneration*
      - *Fuel Leakage*
      - *Injector Programming*
      - *Small Injection Quantity Learning*
      - *System / component initialisation functions*
    - *Petrol transmission coverage includes special functions, e.g.:*
      - *Control Valve Learning Mode*
      - *Calibration Value Reset*
      - *CVT Oil Degradation Level*
      - *Electronic Oil Pump Air Bleeding*
    - *Antilock Brake coverage includes code functions, data, functional tests and special functions:*
      - *All Sensor Calibrations – Steering Angle, Brake Pressure etc.*
    - *Adaptive Cruise Control/Forward Collision Mitigation includes Radar Alignment*
    - *Blind Spot Warning (master/slave) coverage supports code functions, data, functional test and special function – Radar Detecting Angle Check*
    - *Electric Park Brake supports Brake Pad Maintenance Mode*
    - *Forward Collision Mitigation/Lane Departure/Automatic High Beam coverage supports code functions, data, functional tests and special functions:*
      - *Automatic High Beam Operation Check Mode*
      - *Camera Calibration*
    - *Multi-Around Monitor supports code functions, data, functional tests and special functions, including:*
      - *Calibration*
      - *Initialisation*
    - *Rain Light Sensor coverage includes special function – Rain Sensor Adaption*
    - *All new Security Alarm coverage, with data available for 19.2!*

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

- **Lancer, Mirage, Outlander ZK, Pajero, Pajero Sport & Triton**

## Mitsubishi (continued)

### New Systems Added:

- **Outlander ZK 2.0L, 2.2L-DT and 2.4L (2018):**
  - Power Windows – code functions and data
  - Security Alarm - data
- **Triton MQ 2.4L-DT (2018):**
  - Audio – code functions

## Nissan

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

### New Models Added:

- **Juke F15 Series 2 Nismo 1.6L-T (2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Around View Monitor, Body Control Module, Electronic Power Steering, 4WD Module, Headlamp Leveliser, Heating Ventilation and Air Conditioning, Intelligent Power Distribution Module, Meter, Multi-Audio Visual and Tyre Pressure Monitor
  - Coverage Highlights:
    - *Engine coverage includes code functions, data, functional tests and special functions, including:*
      - Cumulative Battery Discharge Current Clear
      - Closed Throttle Position Learn
      - Fuel Pressure Release
      - Idle Air Volume
      - Target Ignition and Target Idle RPM adjustments
      - VIN Registration
      - ECU Data Read and Write
    - *Transmission coverage includes code functions, data and special functions:*
      - CVT Fluid Deterioration Display and Clear
      - Engine Brake Adjustment
      - G Sensor Calibration
    - *ABS system includes code functions, data, functional tests and special function*
      - Steering Angle Sensor Reset
    - *Around View Monitor includes calibration functions (requires OEM targets)*
    - *Body Control Module system supports code functions, data, functional tests and special functions:*
      - User Customisation: Change BCM settings to suit user preferences.
    - *Heating Ventilation and Air Conditioning support includes code functions, data, functional tests and special functions – User Customisation*
    - *Tyre Pressure Monitor support includes code functions, data, functional tests and special function – Sensor ID Registration (Tyre pressure sensor activation tool such as the Snap-on TPMS4 will be required to complete this function)*

## Nissan (continued):

### New Models Added (continued):

- **Patrol Y62 5.6L (2018):**

- Engine, Transmission, Antilock Brakes, Airbag, 3 Channel CAN Gateway, Around View Monitor, Automatic Drive Positioner, Body Control Module, 4WD Module, Headlamp Leveliser, Heating Ventilation and Air Conditioning, Intelligent Power Distribution Module, Lane Departure Warning, Meter, Multi-Audio Visual, Sonar and Tyre Pressure Monitor
- Coverage Highlights:
  - *Engine coverage includes code functions, data, functional tests and special functions, including:*
    - Engine Coolant Bypass Valve
    - Idle Air Volume
    - Target Ignition and Target Idle RPM adjustments
    - VIN Registration
    - ECU Data Read and Write
  - *Transmission coverage includes code functions, data and special function:*
    - G Sensor Calibration
  - *ABS system includes code functions, data, functional tests and special function*
    - Deceleration G Sensor Calibration
    - Steering Angle Sensor Reset
  - *Around View Monitor includes calibration functions (requires OEM targets)*
  - *Body Control Module system supports code functions, data, functional tests and special functions:*
    - User Customisation: Change BCM settings to suit user preferences.
  - *Heating Ventilation and Air Conditioning support includes code functions, data, functional tests and special functions – User Customisation*
  - *Tyre Pressure Monitor support includes code functions, data, functional tests and special function – Sensor ID Registration (Tyre pressure sensor activation tool such as the Snap-on TPMS4 will be required to complete this function)*

- **Navara D23 Series 3 2.3L-DT and 2.3L-DTT (2018):**

- Engine, Transmission, Antilock Brakes, Airbag, Around View Monitor, Body Control Module, 4WD Module, Headlamp Leveliser, Heating Ventilation and Air Conditioning, Intelligent Power Distribution Module, Meter, Multi-Audio Visual and Sonar
- Coverage Highlights:
  - *New series 3 model update*
  - *Engine coverage supports code functions, data, functional tests and special functions, including:*
    - DPF Regeneration
    - Injector Program
    - System Resets and Learns
  - *Transmission coverage includes code functions, data and special function:*
    - G Sensor Calibration
  - *ABS system includes code functions, data, functional tests and special function*
    - Deceleration G Sensor Calibration
    - Steering Angle Sensor Reset
  - *Around View Monitor includes calibration functions (requires OEM targets)*
  - *Body Control Module system supports code functions, data, functional tests and special functions:*
    - User Customisation: Change BCM settings to suit user preferences.
  - *Heating Ventilation and Air Conditioning support includes code functions, data, functional tests and special functions – User Customisation*



## Nissan (continued):

### New Models Added (continued):

- **Qashqai J11 Series 2 (2017 - 2018):**

- Engine, Transmission, Antilock Brakes, Airbag, 3 Channel CAN Gateway, Around View Monitor, Adaptive Frontal Lighting System, Automatic Drive Positioner, Body Control Module, Chassis Control, CAN Gateway, Electronic Parking Brake, Electronic Power Steering, Heating Ventilation and Air Conditioning, Intelligent Power Distribution Module, Lane Departure Warning, Laser/Radar, Meter, Multi-Audio Visual, Side Radar (Left and Right), Sonar and Tyre Pressure Monitor
- Coverage Highlights:
  - *New series 2 model update*
  - *Engine coverage supports code functions, data, functional tests and special functions, including:*
    - *Closed Throttle Position Learn*
    - *Fuel Pressure Release*
    - *Idle Air Volume*
    - *Target Ignition and Target Idle RPM adjustments*
    - *VIN Registration*
    - *ECU Data Read and Write*
  - *Transmission coverage includes code functions, data and special functions:*
    - *CVT Fluid Deterioration Display and Clear*
    - *Forward Clutch Point Learning*
    - *Engine Brake Adjustment*
    - *G Sensor Calibration*
  - *ABS system includes code functions, data, functional tests and special function*
    - *Deceleration G Sensor Calibration*
    - *Steering Angle Sensor Reset*
  - *Auto Drive Positioner includes code functions, data, functional tests and special functions:*
    - *Exit Seat Slide Setting*
    - *Seat Slide Volume Setting*
  - *Around View Monitor includes calibration functions (requires OEM targets)*
  - *Electric Parking Brake support includes special functions:*
    - *Start Brake Pad Replacement*
    - *Finish Brake Pad Replacement*
    - *Initialisation Position Adjustment*
  - *Heating Ventilation and Air Conditioning support includes code functions, data, functional tests and special functions:*
    - *User Customisation*
    - *Door Motor Starting Position Reset*
  - *Lane Departure Warning includes special functions*
    - *Auto Aim and Auto Check (requires OEM targets to calibrate system)*
  - *Laser/Radar includes calibration functions (requires OEM targets)*
  - *Sonar coverage includes code functions, data, functional tests and special functions:*
    - *Trailer Hitch Range Adjustment*
    - *Volume Adjustment*

### Models Updated to 2018:

- **370Z, Juke, Pathfinder & X-Trail**

### Nissan (continued):

#### New Systems Added:

- **Pathfinder R52 2.5L-H and 3.5L (2017 – 2018):**
  - 3 Channel CAN Gateway – code functions
- **Pathfinder R52 2.5L-H (2017 – 2018):**
  - Headlamp Leveliser – code functions, data and functional tests
- **Qashqai J11 1.6L-DT and 2.0L (2014 – 2017):**
  - Lane Departure Warning – code functions, data and special functions
    - *Auto Aim and Auto Check (requires OEM targets to calibrate system)*
  - Sonar – code functions, data, functional tests and special functions
    - *Trailer Hitch Range Adjustment*
    - *Volume Adjustment*
- **X-Trail T32 1.6L-DT, 2.0L-DT and 2.5L (2014 – 2017):**
  - Lane Departure Warning – code functions, data and special functions
    - *Auto Aim and Auto Check (requires OEM targets to calibrate system)*

#### Added Functionality for Existing Systems:

- **Almera N17 1.5L (2012 – 2014):**
  - Engine – enhanced freeze frame data and engine live data
  - Body Control Module – enhanced coverage with support for special functions:
    - *User Customisation: Change BCM settings to suit user preferences. Availability of functions vary from model to model, but can include adjustments for:*
      - *Automatic Headlamp Sensitivity*
      - *Door Locks*
      - *Security Alarm*
      - *Wipers*
- **Juke F15 Series 2 1.2L-T, 1.6L and 1.6L-T (2015 – 2018):**
  - Engine (1.6L HR16DE and 1.6L-T MR16DDTi) - enhanced freeze frame data, engine live data, functional tests and special functions. Includes support for:
    - *Engine Coolant Bypass Valve (1.6L-T only)*
    - *ECU Data Read and Write*
    - *VIN Registration*
    - *Wastegate Actuator Position Learn Value Clear (1.6L-T only)*
  - Airbag – enhanced DTC display and live data now supported
  - Around View Monitor (1.6L-T) – special functions:
    - *Front, rear and side camera calibration functions (requires OEM targets)*
  - IPDM – enhanced data and additional functional tests:
    - *Headlamp Washer*
    - *Rear Defogger*
- **Juke F15 1.6L and 1.6L-T (2013 – 2014):**
  - Engine (1.6L HR16DE and 1.6L-T MR16DDTi) - enhanced freeze frame data, engine live data, functional tests and special functions. Includes support for:
    - *ECU Data read and write*
    - *VIN Registration*

## Nissan (continued):

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

- **Navara D23 2.3L-DT and 2.3L-DTT (2015 - 2018):**
  - Engine – additional special functions added:
    - *Number of Starts Programming – 1/2/3/4*
    - *VIN Registration*
  - 4WD Module – special function: *Rotary Position Sensor Offset Learning Value Clear*
- **Pathfinder R52 2.5L-H and 3.5L (2013 – 2018):**
  - Around View Monitor – special functions:
    - *Front, rear and side camera calibration functions (requires OEM targets)*
  - Laser / Radar (2017 – 2018) – special function: *Radar Calibration (requires OEM target)*
- **Patrol Y62 5.6L (2012 – 2017):**
  - Engine - enhanced freeze frame data, engine live data, functional tests and special functions. Includes support for:
    - *Alternator Duty*
    - *Engine Coolant Bypass Valve*
    - *ECU Data Read and Write*
    - *VIN Registration*
  - Body Control Module – enhanced coverage with support for special functions:
    - *User Customisation: Change BCM settings to suit user preferences. Availability of functions vary from model to model, but can include adjustments for:*
      - *Automatic Headlamp Sensitivity*
      - *Door Locks*
      - *Security Alarm*
      - *Wipers*
  - IPDM – enhanced data and additional functional test: *Headlamp Washer*
- **Pulsar B17 Sedan 1.6L-T and 1.8L (2013 – 2017):**
  - Engine - enhanced freeze frame data, engine live data, functional tests and special functions. Includes support for:
    - *ECU Data Read and Write*
    - *VIN Registration*
  - Airbag – enhanced DTC display and live data now supported
  - IPDM – enhanced data and additional functional tests:
    - *Headlamp Washer*
    - *Horn*
    - *Rear Defogger*
- **Pulsar C12 Hatch 1.6L-T and 1.8L (2013 – 2017):**
  - Engine - enhanced freeze frame data, engine live data, functional tests and special functions. Includes support for:
    - *ECU Data Read and Write*
    - *VIN Registration*
  - IPDM – enhanced data and additional functional tests:
    - *Headlamp Washer*
    - *Horn*
    - *Rear Defogger*

### Nissan (continued):

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

- **Qashqai J11 1.6L-DT and 2.0L (2014 – 2017):**
  - 1.6L-DT (R9M) Engine – additional special functions added:
    - *Number of Starts Programming – 1/2/3/4*
    - *Service Regeneration*
    - *VIN Registration*
  - Around View Monitor – special functions:
    - *Front, rear and side camera calibration functions (requires OEM targets)*
- **X-Trail T32 1.6L-DT, 2.0L-DT, 2.0L and 2.5L (2014 – 2018):**
  - 1.6L-DT (R9M) and 2.0L-DT (M9R) Engine – additional special functions added:
    - *Number of Starts Programming – 1/2/3/4*
    - *Service Regeneration*
    - *VIN Registration*
  - All Wheel Drive – now supports data and functional test: *Drive Power Distribution Torque (ETS Solenoid)*
  - Around View Monitor – special functions:
    - *Front, rear and side camera calibration functions (requires OEM targets)*
  - Auto Back Door – special function: *Reset Auto Back Door Status*
  - Laser / Radar – special function: *Radar Calibration (requires OEM target)*
- **X-Trail T31 2.0L-DT, 2.0L and 2.5L (2007 – 2013):**
  - Body Control Module – enhanced coverage with support for special functions:
    - *User Customisation: Change BCM settings to suit user preferences. Availability of functions vary from model to model, but can include adjustments for:*
      - *Automatic Headlamp Sensitivity*
      - *Door Locks*
      - *Security Alarm*
      - *Wipers*
  - IPDM – additional functional test:
    - *Rear Defogger*

**19.2 adds new Australian Nissan content for older model vehicles, with additional support added for models between 2007 to 2018!**

## Subaru

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

### **New Models Added:**

- **Forester Gen 5 2.5L (2018):**
  - Engine, Transmission, Antilock Brakes, Airbag, Air Conditioning, Auto Start Stop, Automatic Headlight Levelling, Automatic light and Wiper System, Back and Side Radar, Body Integration Unit, Combination Meter, Electric Power Steering, Eyesight Assist Monitor, Keyless Access with Push button Start, Multi-Function Display, Occupant Detection System, Power Rear Gate, Power Seat Memory System, Telematics and Tyre Pressure Monitor
  - **Coverage Highlights:**
    - *Up to 20 systems supported!*
    - *Engine coverage includes code functions, data and functional tests*
    - *Transmission coverage includes code functions, data and functional tests*
    - *ABS coverage includes code functions, data, functional tests and special functions, including:*
      - *ABS Sequence Control Mode*
      - *VDC Sensor Midpoint Setting Value*
      - *Brake Maintenance Mode*
    - *New Back and Side Radar (Left and Right) systems support code functions, data and functional tests*
    - *Tyre Pressure Monitor coverage supports code functions, data and special function: TPM Sensor ID Registration*

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

- **BRZ, Forester S4, Impreza, Levorg, Liberty, Outback, WRX & XV**

### **New Systems Added:**

- **BRZ Z1 (2016 – 2018):**
  - Tyre Pressure Monitor – code functions, data and special function: *Sensor ID Registration*
- **Forester S4 2.0L, 2.0L-T, 2.0L-DT and 2.5L (2013 - 2018):**
  - Automatic Light and Wiper System – code functions and data
  - Automatic Start Stop – code functions and data
  - Back and Side Radar (Left and Right) (2017 – 2018) – code functions, data and functional tests
  - Eyesight Assist Monitor – code functions and data
  - Keyless Access with Push Button Start – code functions and data
  - Tyre Pressure Monitor (2018) – code functions, data and special function: *TPM Sensor ID Registration*
- **Impreza G5 Hatch / Sedan 2.0L (2017 - 2018):**
  - Automatic Start Stop – code functions and data
  - Back and Side Radar (Left and Right) – code functions, data and functional tests
  - Eyesight Assist Monitor – code functions and data
  - Infotainment System – code functions and data
  - Keyless Access with Push Button Start – code functions and data
  - Power Windows (Driver/Passenger/Switch) – code functions and data

## Subaru (continued)

### New Systems Added (continued):

- **Impreza G4 Hatch / Sedan 2.0L (2012 - 2016):**
  - Automatic Start Stop – code functions and data
  - Infotainment (2015 - 2016) – code functions and data
- **Levorg 1.6L-T and 2.0L-T (2016 - 2018):**
  - Automatic Start Stop (1.6L-T) – code functions and data
  - Back and Side Radar (Left and Right) – code functions, data and functional tests
  - Infotainment System – code functions and data
  - Keyless Access with Push Button Start – code functions and data
- **Liberty Gen 6 2.5L and 3.6L (2015 - 2018):**
  - Automatic Start Stop (2.5L) – code functions and data
  - Back and Side Radar (Left and Right) – code functions, data and functional tests
  - Infotainment System – code functions and data
  - Keyless Access with Push Button Start – code functions and data
- **Outback Gen 5 2.0L-DT, 2.5L and 3.6L (2015 - 2018):**
  - Automatic Start Stop (2.5L) – code functions and data
  - Back and Side Radar (Left and Right) – code functions, data and functional tests
  - Infotainment System – code functions and data
  - Keyless Access with Push Button Start – code functions and data
- **WRX V1 2.0L-T (2014 - 2018):**
  - Automatic Light and Wiper System – code functions and data
  - Back and Side Radar (Left and Right) – code functions, data and functional tests
  - Keyless Access with Push Button Start – code functions and data
  - Power Seat Memory System – code functions and data
- **WRX STI V1 2.5L-T (2014 - 2018):**
  - Automatic Light and Wiper System – code functions and data
  - Back and Side Radar (Left and Right) – code functions, data and functional tests
  - Keyless Access with Push Button Start – code functions and data
  - Power Seat Memory System – code functions and data
- **XV G5X 2.0L (2017 - 2018):**
  - Automatic Start Stop – code functions and data
  - Eyesight Assist Monitor – code functions and data
  - Infotainment System – code functions and data
  - Keyless Access with Push Button Start – code functions and data
  - Power Windows (Driver/Passenger/Switch) – code functions and data
- **XV G4X 2.0L (2015 - 2016):**
  - Infotainment System – code functions and data

## Suzuki

### Added Functionality for Existing Systems:

- **Grand Vitara 1.9L-DT (2011 – 2015):**
  - Engine – special function: *DPF Regeneration*
  
- **S-Cross JY 1.4L-T (2016 – 2018):**
  - Body Control Module – enhanced data for models fitted with Rain Light Sensor. Supports code functions, data and functional tests
  
- **Vitara LY 1.4L-T, 1.6L and 1.6L-DT (2015 – 2018):**
  - Body Control Module – enhanced data for models fitted with Rain Light Sensor. Supports code functions, data and functional tests

**European manufacturer new content information begins on the next page.**

## European Manufacturers New for 19.2

### Alfa Romeo

#### New Systems Added:

- **ADAS: Adaptive cruise control system** - code functions, data and functional tests:
  - Alfa Romeo Stelvio
  - Alfa Romeo Giulia
- **Drive-train Control System** - code functions, data, functional tests and special functions:
  - Alfa Romeo Stelvio
  - Alfa Romeo Giulia
- **Driver's and passenger's seat system** - code functions, data and functional tests:
  - Alfa Romeo Giulia
  - Alfa Romeo 159

### BMW

#### New Systems Added:

- **ADAS: Lane departure warning system** - code functions, data, functional tests and special functions:
  - BMW 5-Series (E60/E61)
  - BMW 6-Series (E63/E64)
  - BMW 7-Series (E65/E66)
  - All applicable models now covered between 2004-2011
- **Right and Left Reversible Electromotive Automatic Reel System** – code functions, data and functional tests:
  - BMW 1-Series (F20/F21)
  - BMW 2-Series (F22/F23)
  - BMW 3-Series (F30/F31/F80)
  - BMW 3-Series GT (F34)
  - BMW 4-Series (F32/F33/F36/F82)
  - BMW 5-Series (F10/F11)
  - BMW 5-Series GT (F07)
  - BMW 6-Series (F12/F13)
  - BMW 6-Series GC (F06)
  - BMW 7-Series (F01/F02)
  - BMW X3 (F25)
  - BMW X4 (F26)
  - BMW X5 (F15/F85)
  - BMW X6 (F16/F86)
- **Lamp control system** – code functions, data and functional tests:
  - BMW 3-Series (E46)
  - BMW X3 (E83)
  - BMW X5 (E53)
  - BMW Z8 (E52)



## BMW (continued)

### Added Functionality for Existing Systems:

- **Perform calibrations on the camera based driver support system for 20 BMW models:**
  - BMW X5 (E70)
  - BMW X6 (E71/E72)
  - BMW 1-Series (F20/F21)
  - BMW 2-Series (F22/F23), (F45/F46)
  - BMW 3-Series (F30/F31/F80)
  - BMW 3-Series GT (F34)
  - BMW 4-Series (F32/F33/F36/F82)
  - BMW 5-Series (F10/F11)
  - BMW 5-Series GT (F07)
  - BMW 6-Series (F12/F13)
  - BMW 6-Series GC (F06)
  - BMW 7-Series (F01/F02)
  - BMW i-Series (i01/i12)
  - BMW X1 (F48)
  - BMW X3 (F25)
  - BMW X4 (F26)
  - BMW X5 (F15), (F15/F85)
  - BMW X6 (F16/F86)
  
- **Airbag resistance data added for:**
  - BMW 1-Series (E87)
  - BMW 3-Series (E90/E91)
  - BMW 5-Series (E60/E61)
  - BMW 6-Series (E63/E64)
  - BMW X1 (E84)
  - BMW X5 (E70)
  - BMW X6 (E71/E72)
  - BMW Z4 (E89)
  
- **Battery Replacement special function added for:**
  - BMW 5-Series (E60/E61)
  - BMW 6-Series (E63/E64)
  - BMW 3-Series (E90/E91)
  
- **Brake Bleed routine added for:**
  - BMW 5-Series (E60/E61)
  - BMW 6-Series (E63/E64)
  - BMW 5-Series (G30/G31)
  - BMW 6-Series GT (G32)
  - BMW 7-Series (G11/G12)
  
- **Engine functional tests and special functions added to the DME\_BX8 engine.**
  - **Special functions include:**
    - *Adjustment of Idle Speed*
    - *Actuation Electric Fuel Pump*
    - *Reset Adaptation Values*
    - *Learning Valvetronic limit positions*
    - *Determining the Injectors*
  - Applicable models include:
    - BMW 1-Series (F20/F21)
    - BMW 2-Series (F22/F23/F45/F46)
    - BMW 3-Series (F30/F31/F80)
    - BMW i-Series (i12)
  
- **EVAP tank leakage diagnosis special function added to applicable N52 and N62 engine variants. Models with this variant include:**
  - BMW 1-Series (E87)
  - BMW 3-Series (E90/E91)
  - BMW 5-Series (E60/E61)
  - BMW 6-Series (E63/E64)
  - BMW 7-Series (E65/E66)
  - BMW X1 (E84)
  - BMW X3 (E83)
  - BMW X5 (E53)

## Citroen

### New Models Added:

- **Four new models added including:**
  - Citroën C3 Aircross
  - Citroën DS7
  - Citroën C4 Cactus (F3)
  - Citroën Berlingo (K9)

### Model Year Update to 2018

### New Systems Added:

- **New DCM 7.1 EU6 engine added. Applicable models include:**
  - Citroën Relay 3
  - Citroën C4
  - Citroën C4 Picasso
- **Driving School Mode System** – code functions, data and functional tests:
  - Citroën C4
  - Citroën C4 (B7)
  - Citroën DS4
  - Citroën C3 (A51)
- **Moving Panel Deflector System** – code functions, data and functional tests: Citroën C6
- **Voltage Retaining Device System** – code functions and data:
  - Citroën C4
  - Citroën C4 (B7)
  - Citroën C4 Picasso
  - Citroën DS3
  - Citroën DS4
  - Citroën C3 (A51)
  - Citroën C3 (B618)
  - Citroën DS5
- **Body System Interface (BSI)** – code functions, data and functional tests to 24 (PSA) Peugeot Société Anonyme group engine variants

### Added Functionality for Existing Systems:

- **Injector programming special function added for:**
  - Citroën Relay 3
  - Citroën C4
  - Citroën C4 Picasso
- **Key programming special function added for:**
  - Citroën Relay 2
  - Citroën Dispatch 2
  - Citroën Xsara
  - Citroën C8

## Fiat

### New Systems Added:

- **Fiat Freemont transmission added including special functions:**
  - *Gear clutch tests*
  - *Reverse gear clutch test*
  - *Torque convertor clutch*
  - *Clear learned variable line pressure*
  - *Quick learn*
- **2 new engines added:**
  - Fiat Freemont 2.0L 16V diesel with special functions:
    - *Air Flow Meter Replace 2nd gear clutch test*
    - *Check PCM VIN*
    - *Lambda sensor replace*
    - *Program Variant Coding*
    - *Service Diesel Particulate Filter Regeneration*
  - Fiat Doblo BOSCH\_MOTRONIC\_ME\_7.9.10\_CF5\_NATUARAL\_GAS with code functions, data and functional tests.
- **Adaptive cruise control system added** – code functions, data and functional tests:
  - Fiat 500X
  - Fiat Tipo
  - Fiat Fullback
- **Drivetrain control system** – code functions, data, functional tests and special functions:
  - Fiat 500X
  - Fiat Freemont
  - Fiat Fullback
- **Driver's and Passenger's seat system** – code functions, data and functional tests:
  - Fiat Bravo

## Ford – European

### New Systems Added:

- **Service reset added for:**
  - Transit Custom (2016-2017)
  - Kuga (2013-2017)
  - Ranger (2015-2017)
  - Transit (2016-2017)

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

- **Antilock brake special function added to the Kuga (2017)**
- **Audio Speaker Walkaround test added to the Transit Connect (2014-2017)**
- **Audio tones test special function added for:**
  - Kuga (2013-2017)
  - Transit Connect (2014-2017)
- **Beltminder enable/disable and headlamp alignment relearn added to the Kuga (2008-2013)**
- **Clear crash data special function added for:**
  - Fiesta (2012-2017)
  - Kuga (2013-2017)
  - Transit (2014-2017)
  - Transit Custom (2012-2017)
  - Focus (2011-2014)
  - C-Max (2010-2015)
  - Transit Connect (2014-2017)
  - B-Max (2013-2017)
  - Ecosport (2014-2017)
  - Courier (2017-2017)
- **Crash data reset special function added for:**
  - Kuga (2013-2017)
  - Focus (2011-2014)
  - C-Max (2011-2014)
  - Focus (2014-2017)
  - Connect (2014-2017)
  - Galaxy (2007-2015)
  - S-Max (2007-2015)
  - Mondeo (2007-2015)
- **Passenger airbag activation/deactivation switch special function added to the Fiesta (2008-2012 and 2012-2017)**
- **Trailer tow configuration special function added for:**
  - Kuga (2013-2017)
  - Focus (2011-2014)
  - Focus (2014-2017)
  - Ranger (2016-2017)
  - Courier (2015-2017)

## Jaguar

### New Models Added:

- **4 new models added with codes, data, functional tests and special functions.**  
Models include:
  - **Jaguar E-Pace (X540) 2018 with two engines 2.0L L4 Diesel and 2.0L GTDI Petrol. Also included are 31 systems, codes, data, tests and over 90 special functions**
  - **2018 New DoIP vehicle covered via UDS protocol**
  - **Jaguar XF (X260) 2018 with four engines 2.0L Diesel AJ20-D4, 2.0L GTDI Petrol, 3.0L Diesel V6 and 3.0L Petrol V6 Supercharged. Also included are 34 systems, codes, data, tests and over 60 special functions**
  - **Jaguar XE (X760) 2018 with three engines 2.0L Diesel AJ20-D4, 2.0L GTDI Petrol and 3.0L Diesel V6. Also included are 33 systems, codes, data, tests and over 60 special functions**
  - **Jaguar F-Pace (X761) 2018 with four engines 2.0L Diesel AJ20-D4, 2.0L GTDI Petrol, 3.0L Diesel V6 and 3.0L Petrol V6 Supercharged**

### Model Year Update to 2018

### New Systems Added:

- **Jaguar F-Type (X152) 2.0L GTDI petrol engine added**

## Land Rover and Range Rover

### New Systems Added:

- **Side object detection and blind spot monitoring systems** – code functions and data:
  - Land Rover Discovery 4 (L319) 2014-2016
  - Land Rover Discovery Sport (L550) 2014-2016
  - Range Rover Evoque (L538) 2012-2013, 2014-2015, 2016, 2017+
  - Range Rover Evoque Convertible (L538C) 2016+
  - Range Rover (L405) 2013, 2014-2015, 2016, 2017+
  - Range Rover (L322) 2010-2012
  - Range Rover Sport (L494) 2014-2015, 2016, 2017+
- **Image processing system** – code functions and data:
  - Land Rover Discovery 4 (L319) 2010-2015
  - Land Rover Discovery Sport (L550) 2015+
  - Land Rover Evoque Convertible (L538C) 2016+
  - Land Rover Freelander 2 (L359) 2013
  - Range Rover (L405) 2013-2015, 2016
  - Range Rover (L322) 2010-2012
  - Range Rover Evoque (L538) 2012-2015, 2016+
  - Range Rover Sport (L494) 2014-2015, 2016
  - Range Rover Sport (L320) 2010-2013

### Land Rover and Range Rover (continued)

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

- **Full service interval reset following variant update for:**
  - Land Rover Discovery (L462)
  - Range Rover Sport (L494)
  - Range Rover (L405)
  - Land Rover Discovery Sport (L550)
  
- **Front Control Interface System added for:**
  - Land Rover Discovery 4 (L319) 2010-2014
  - Land Rover Freelander 2 (L359) 2012-2014
  - Range Rover (L405) 2012-2014
  - Range Rover Evoque (L538) 2012-2016
  - Range Rover Sport (L320) 2010-2012
  
- **Rear Differential Control System added for:**
  - Discovery 3 (L319) 2005-2009
  - Discovery 4 (L319) 2010-2013
  - Range Rover (L322) 2010-2012, 2005-2009
  - Range Rover Sport (L320) 2010-2013, 2005-2009
  - Freelander 2 (L359) 2008-2014
  
- **Seatbelt Pretensioner System added for:**
  - Range Rover (L405) 2013, 2014-2016
  - Range Rover Sport (L494) 2014-2015

### Mini

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

- **Camera based driver support special function added for:**
  - F54 Clubman
  - F55 5 Door
  - F56 3 Door
  - F57 Convertible
  - F60 Countryman
  
- **Airbag resistance data added for:**
  - R55 Clubman
  - R56 Coupe
  - R57 Convertible
  - R58 Coupe
  - R60 Countryman
  - R59 Roadster
  - R61 Paceman

## Mercedes Benz

### New Models Added:

- **4 new models added with codes, data, functional tests and special functions**
  - Mercedes CLS 257 - OM654 with 11 systems
  - Mercedes A Class 177 - OM608, OM260, OM282 with 9 systems
  - Mercedes Sprinter 907 - OM651, OM642 with 7 systems
  - Mercedes X470 - OM699, OM642 with 7 systems

### Model Year Update to 2018

## Opel - Vauxhall

### New Systems Added:

- **Astra K (2016 – 2017):**
  - Active Safety Control Module – code functions, data and functional tests
  - Long range Radar – code functions, data and functional tests
- **HVAC** – code functions, data, functional tests and special functions:
  - Vauxhall Adam 2013-2017
  - Vauxhall Ampera 2012-2016
  - Vauxhall Antara 2011-2017
  - Vauxhall Astra-H 2004-2014
  - Vauxhall Cascada 2013-2017
  - Vauxhall Corsa-D 2006-2015
  - Vauxhall Zafira-B 2005-2014
  - Vauxhall Karl/Viva 2016-2017
  - Vauxhall Combo-D 2012-2017
- **Suspension Control Module added for the Vauxhall Insignia 2009-2017** – code functions, data and functional tests
- **Park Assist Module added for the Vauxhall Mokka 2013-2017** – code functions, data and functional tests

### Added Functionality for Existing Systems:

- **ABS brake bleed added for the Vauxhall Mokka 2013-2017**

## Peugeot

### New Models Added:

- **Peugeot Rifter added with 3 engines: 1.2L Petrol, 1.5L Diesel, 1.6L Diesel** –
  - Code functions, data, functional tests and special functions included

### Model Year Update to 2018

### New Systems Added:

- **24 new BSI systems added for various models** - code functions, data and functional tests
- **Controls at the Steering Wheel System** - code functions, data and functional tests:
  - Peugeot 208
  - Peugeot 2008
  - Peugeot 308
  - Peugeot 3008
  - Peugeot 508
  - Peugeot 5008
  - Peugeot Expert
  - Peugeot Traveller
- **DCM 7.1 Euro 6 engine added** – code functions, data and injector programming special function. Applicable to the Peugeot Boxer 3
- **Driving School Mode System added** - code functions, data and actuator tests:
  - Peugeot 207
  - Peugeot 208
  - Peugeot 307
  - Peugeot 308
- **Voltage Retaining Device System** - code functions and data:
  - Peugeot 208
  - Peugeot 2008
  - Peugeot 308
  - Peugeot 3008
  - Peugeot 508
  - Peugeot 5008
  - Peugeot Partner
  - Peugeot Expert (K0)
  - Peugeot RCZ

### Added Functionality for Existing Systems:

- **Injector programming special function added to the Peugeot Boxer 3**
- **Key programming special function added to:**
  - Peugeot Boxer 2
  - Peugeot 406
  - Peugeot Expert 2



## Porsche

### Added Functionality for Existing Systems:

- **Special functions including:**
  - Battery change, set total mileage, calibrate fuel level sensor display warning event memory/clear and servo motor teaching function have been added to:
    - Cayenne (92A)
    - Macan
    - Panamera (Excluding battery change)
    - Boxster (981)
    - Boxster (982)
    - 911 Gateway System (Battery change only)
    - 911 Air Condition System (Servo motor teaching only)
- **New ECU coding function to all Boxster (987) (2005-2013) and 911 (997) cornering light system**

## Renault

### New Systems Added:

- **ADAS Lane assist system** – code functions, data, functional tests and camera calibration special function. Models include:
  - Renault Megane IV 2016 onwards
  - Renault Scenic IV 2016 onwards
  - Renault Delphi-04, Delphi-24
  - Renault Espace V 2016 onwards
  - Renault Kadjar 2015 onwards
  - Renault Koleos 2017 onwards
  - Renault Talisman 2016> (EU)
  - Renault Captur 2013 onwards
  - Renault Clio III 2013 onwards
  - Renault Twingo III 2014 onwards
- **New Airbag system added** - code functions, data, functional tests and crash data reset special function. Models include:
  - Renault Captur 2014 onwards
  - Renault Clio IV 2013 onwards
  - Renault Kadjar 2015 onwards
  - Renault Koleos 2016 onwards
  - Renault Megane IV 2016 onwards
  - Renault Scenic IV 2016 onwards
  - Renault Talisman 2016 onwards
  - Renault Trafic III 2014 onwards
  - Renault Twingo III
- **Megane III Power Steering system added with the Program Immobiliser to Vehicle special function.**

### Renault (continued)

#### Added Functionality for Existing Systems:

- **Scenic III (2012 on) Engine special function added to engine system EDC17 C42 to program new exhaust flap.**
- **Towbar configuration special function added:**
  - Renault Espace V 2015 onwards
  - Renault Kadjar 2016 onwards
  - Renault Koleos 2017 onwards
  - Renault Megane IV 2016 onwards
  - Renault Scenic IV 2016 onwards
  - Renault Talisman 2016 onwards

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

#### Model Year Update to 2018

#### New Systems Added:

- **Infotainment system added for 18 (VAG) Volkswagen Auto Group engine variant**
  - Code functions, data, functional tests and special functions, including:
    - *Telephone: Activate/deactivate Bluetooth module*
    - *Activate/deactivate WLAN module*
    - *Telephone: Activate/deactivate data service*
    - *Activate/deactivate storing of music*
    - *DVD/Blu-ray playback: set region code*
    - *Reset menus to factory setting*
    - *Reset parental control password*
    - *Bluetooth: clear paired devices*
    - *Move display rotation mechanism to service position*
- **New engines added:**
  - 7 engine variants for Skoda Fabia (5J)
  - 6 engine variants for Skoda Superb (3T,NP)
  - 5 engine variants for Skoda Octavia (1Z,5E,NE)
  - 5 engine variants for Skoda Rapid (NH)
  - 4 engine variants for Skoda Yeti (5L)
  - Engine variant for Skoda Roomster (5J)
  - Engine variant for VW Sharan
  - 14 engine variants for Seat Ibiza (6J)
  - 22 engine variants for Seat Leon (1P,5F)
  - 10 engine variants for Seat Toledo (NH,KG)
  - 10 engine variants for Seat Alhambra (71,7N)
  - Engine variant for Seat Altea (5P)
- **Front sensor driver assistance system added for 4 (VAG) Volkswagen Auto Group engine variants - code functions, data, functional tests and special functions.**
- **Rear View Camera System added for 15 (VAG) Volkswagen Auto Group engine variants – code functions, data and tests, including:**
  - Static Video Calibrations

## **VAG - Volkswagen-Audi-Seat-Skoda (continued)**

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

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

## **Volvo**

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

- Volvo XC90 (2015 onwards): Parking Brake Maintenance Mode added

**USA manufacturer new content information begins on the next page.**

## USA Manufacturers

### USA Manufacturers 19.2 Highlights:

- **Enhanced Wheel Alignment for Buick<sup>®</sup>, Cadillac<sup>®</sup>, Chevy<sup>®</sup>, Chrysler<sup>®</sup>, Honda<sup>®</sup>, Nissan<sup>®</sup> and Subaru<sup>®</sup>**
- **GM<sup>®</sup> Freeze Frame data**
- **Chrysler Airbag Extended DTC's**
- **Ford<sup>®</sup> Body Control Module Functional Tests/Special Functions**
- **6.6L Duramax Program Injector Flow Rates**
- **Toyota<sup>®</sup> and Lexus<sup>®</sup> Electronic Parking Brake**
- **Thousands more Drivers Aid/ADAS systems, tests and recalibrations**

## Chrysler / Dodge / Jeep

### New Systems Added:

- **ProMaster (2017 + ) -**
  - Electronic Parking Brake – code functions, data, functional tests and special functions
  - Wheel Alignment, including Electronic Parking Brake Maintenance mode
- **Vehicle Entertainment System - Last Row (VES3) (2004 and newer applicable vehicles)**
  - Code functions, data, functional tests and routines
- **Vehicle Entertainment System (VES) (2005 and newer applicable vehicles) -** code functions, data, functional tests and routines
- **Satellite Radio (SDAR) (2005 and newer applicable vehicles) -** code functions, data, functional tests and routines
- **DVD Changer (2008 and newer applicable vehicles) -** code functions, data, functional tests and special functions

### Added Functionality for Existing Systems:

- **Airbag Extended DTC for applicable vehicles**
- **2011 and newer system tests**
  - View BCM VTA Enable Data
  - View Last Successful Remote Start Event Data
- **2014 and newer applicable vehicles - Forward Facing Camera Module calibrations**

### Ford USA

#### Model Year Update to 2018

#### New Systems Added:

- **F-Series and Mustang 10-Speed Transmission vehicles** - code functions, data, functional tests and special functions:
  - *Adaptation/Solenoid Characterization IDN*
- **3.0L Lion Diesel Engine vehicles** - code functions, data, functional tests and special functions
- **Chevrolet Bolt (2017 – 2018)**
  - Power Steering System - code functions, data, functional tests and special functions

#### Added Functionality for Existing Systems:

- **2003 and newer CAN BCM models**
  - Functional tests and special functions
- **2008 and newer UDS - Functional Tests, Special Functions:**
  - Body Control Module (GEM)
  - HVAC systems

### General Motors USA

#### New Systems Added:

- **Cadillac CT6 (2017 – 2018)**
  - Night Vision Control Module – code functions and data
  - Rear Wheel Steering Module – code functions and data
  - Digital Map Module (Supercruise) – code functions and data
  - Driver Monitoring System – code functions and data
- **Rear HVAC System (2006-2013 applicable vehicles)**
  - Code functions, data, functional tests and relearns
- **Wheel Alignment menu selection added (includes Steering Angle Centering)**
  - Added for popular models if applicable, 2005 – 2018
  - Buick, Cadillac, Chevrolet and GMC

#### Added Functionality for Existing Systems:

- **6.6L-DT Duramax (2007 and newer):**
  - Engine tests added or enhanced:
    - Program Pilot Injector Flow Rates
    - Cylinder Balance Test enhancements
    - Capture and Restore Data

### General Motors USA (continued)

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

- **6.6L-DT Duramax (2014 and newer):**
  - Engine tests added or enhanced:
    - Capture and Restore Data
- **2002 and newer, Freeze Frame data**
- **Cadillac SRX (2004 – 2006) and Cadillac CTS (2004 – 2007):**
  - Function for Brake Pedal Position Sensor calibration
- **Malibu Hybrid (2016 and newer):**
  - Clear Secured High Voltage DTCs
- **8-speed T87 (2016 and newer):**
  - Transmission Service Fast Learn
- **Cruze 1.6L-DT (2017 and newer) and Equinox 1.6L-DT (2018 and newer):**
  - Engine special function: Fuel Injection Small Quantity Learn test

### Harley Davidson Motorcycles

#### Model Year Update to 2018

#### Added Functionality for Existing Systems:

- **Cruise Control Enable / Disable Functionality**

### Infiniti USA

#### New Systems Added:

- **Lane Camera, Lane Departure Warning for applicable vehicles:**
  - Code functions, data, functional tests, relearns and calibrations
- **Pre-crash Seatbelt System, applicable vehicles:**
  - Code functions, data, functional tests and special functions
- **Side Radar Left and Right (2010 and newer, applicable vehicles):**
  - Code functions, data and tests
- **Air Leveliser (2009 and newer, applicable vehicles):**
  - Code functions, data, functional tests, relearns and calibrations
- **E Suspension (2010 and newer, applicable vehicles):**
  - Code functions, data, functional tests, relearns and calibrations

## Australian Component Test Meter\*

- **All new Australian CTM content added for 19.2! Includes new Australian model coverage for 4 makes and 96 different model variants!**
- **New content for models between 2004 and 2018!**

### New CTM Coverage Added:

- **Holden:**
  - Astra J 1.6L-T (2015 – 2017): Engine
  - Astra J 2.0L-T (2015 – 2017): Engine
  - Astra K 1.4L-T (2017 – 2018): Engine
  - Astra K 1.6L-T (2017 – 2018): Engine
  - Astra K Sportwagon 1.4L-T (2017 – 2018): Engine
  - Astra Sedan 1.4L-T (2017 – 2018): Engine
  - Barina Spark 1.2L-T M/T and A/T (2010 – 2016): Engine
  - Barina TM 1.4L-T (2014 – 2016): Engine
  - Captiva CGII (inc. Captiva 5, Captiva 7) 2.2L-DT (2011 – 2018): Engine
  - Captiva CGII (inc. Captiva 5, Captiva 7) 2.4L (2011 – 2018): Engine
  - Captiva CGII (inc. Captiva 5, Captiva 7) 3.0L (2011 – 2018): Engine
  - Captiva CG 3.2L (2006 – 2011): Engine
  - Cascada 1.6L-T (2015 – 2017): Engine
  - Colorado RG 2.8L-DT (2017 – 2018): Engine
  - Colorado RG 2.5L-DT (2012 – 2013): Engine
  - Colorado RC 2.4L (2008 – 2011): Engine
  - Colorado RC 3.0L-DT (2008 – 2011): Engine
  - Colorado RC 3.6L (2008 – 2011): Engine
  - Commodore ZB 3.6L (2017 – 2018): Engine
  - Commodore VF Series 2 3.0L (2015 – 2017): Engine
  - Commodore VF Series 2 6.2L S/C (2015 – 2017): Engine
  - Commodore VF 3.0L (2013 – 2015): Engine
  - Commodore VF 6.2L S/C (2013 – 2015): Engine
  - Commodore VE Series 2 3.0L (2010 – 2013): Engine
  - Commodore VE Series 2 3.6L (2010 – 2012): Engine
  - Commodore VE Series 2 6.2L (2010 – 2013): Engine
  - Spark 1.4L (2015 – 2018): Engine
  - Statesman WM / Caprice WM 3.6L and 6.0L (2006 – 2010): Engine
- **Hyundai:**
  - Accent Hatch / Sedan 1.6L-GDI and 1.6L-MPI (2011 – 2018): Engine
  - Accent Hatch / Sedan 1.6L-DT (2011 – 2013): Engine
  - Grandeur 3.8L (2005 – 2011): Engine
  - i30 GD (inc. Tourer) 1.6L-DT (2013 - 2017): Engine
  - i30 GD (Tourer) 1.6L-GDI (2014 – 2017): Engine
  - i40 Sedan / Tourer 1.7L-DT (2012 – 2018): Engine
  - i40 Sedan / Tourer 2.0L-GDI (2012 – 2018): Engine
  - Sonata NF 2.0L-DT (2008 – 2010): Engine
  - Sonata NF 2.4L (2005 – 2010): Engine
  - Sonata NF 3.3L (2005 – 2008): Engine
  - Terracan 2.9L-DT (2006 – 2008): Engine
  - Terracan 3.5L (2006 – 2008): Engine
  - Tiburon 2.7L (2002 – 2010): Engine
  - Trajet 2.7L (2000 – 2008): Engine
  - Veloster 1.6L-GDI (2014 – 2018): Engine
  - Veloster 1.6L-GDI Turbo (2012 – 2018): Engine

## Australian Component Test Meter\* (continued)

### New CTM Coverage Added (continued):

- **Mazda:**

- BT-50 UR 2.2L-DT (2018): Engine
- BT-50 UR 3.2L-DT (2018): Engine
- CX-3 DK 1.5L-DT SKYACTIV-D (2018): Engine
- CX-3 DK 2.0L SKYACTIV-G (2018): Engine
- CX-5 KF 2.0L SKYACTIV-G (2018): Engine
- CX-5 KF 2.2L-DT SKYACTIV-D (2018): Engine
- CX-5 KF 2.5L SKYACTIV-G (2018): Engine
- CX-9 TC 2.5L-T SKYACTIV-G (2018): Engine
- Mazda 2 DJ 1.5L SKYACTIV-G (2018): Engine
- Mazda 3 BN 2.0L SKYACTIV-G (2018): Engine
- Mazda 3 BN 2.5L SKYACTIV-G (2018): Engine
- Mazda 3 BL/BM 2.2L-DT (2009 – 2016): Engine
- Mazda 3 BL 2.0L (2009 – 2013): Engine
- Mazda 3 BL 2.3L-T (2009 – 2013): Engine
- Mazda 3 BL 2.5L (2009 – 2013): Engine
- Mazda 3 BK 2.0L (2006 – 2008): Engine
- Mazda 3 BK 2.0L-DT (2007 – 2008): Engine
- Mazda 3 BK 2.3L (2007 – 2008): Engine
- Mazda 3 BK 2.3L-T (2006 – 2008): Engine
- Mazda 6 GJ 2.2L-DT SKYACTIV-D (2017): Engine
- Mazda 6 GJ 2.5L SKYACTIV-G (2017): Engine
- Mazda 6 GH 2.2L-DT (2008 – 2012): Engine
- Mazda 6 GH 2.5L (2012): Engine
- Mazda 6 GG/GY 2.0L-DT (2006 – 2008): Engine
- Mazda 6 GG/GY 2.3L and 2.3L-T (2006 – 2008): Engine
- MX-5 ND 1.5L and 2.0L SKYACTIV-G (2018): Engine

- **Toyota:**

- Aurion GSV50R 3.5L (2012 – 2017): Engine
- Aurion GSV40R 3.5L and 3.5L S/C (2009 – 2011): Engine
- Avensis 2.4L (2006 – 2010): Engine
- Coaster 4.0L-DT (2006 – 2016): Engine
- Hiace 3.0L-DT (dpf) (2018): Engine
- Hilux 2.4L-DT (2018): Engine
- Hilux 2.7L (2015 – 2018): Engine
- Hilux 2.8L-DT (2018): Engine
- Hilux 4.0L (2015 – 2018): Engine
- Hilux 2.7L (2006 – 2015): Engine
- Hilux 4.0L (2013 – 2015): Engine
- Land Cruiser 200 (2008 – 2012): Engine
- Land Cruiser Prado 150 Series 2.8L-DT (2015 – 2018): Engine
- Land Cruiser Prado 150 Series 3.0L-DT (2009 – 2015): Engine
- Land Cruiser Prado 150 Series 4.0L (2018): Engine
- Land Cruiser Prado 120 Series 3.0L-DT (2006 – 2009): Engine
- Land Cruiser Prado 120 Series 4.0L (2006 – 2009): Engine
- Rukus 2.4L (2010 – 2015): Engine
- Tarago ACR50R/GSR50R 2.4L (2006 – 2018): Engine
- Tarago ACR50R/GSR50R 3.5L (2006 – 2018): Engine
- Yaris NCP 130/131 1.3L and 1.5L (2018): Engine
- Yaris NCP90/91 1.3L (2005 – 2011): Engine



## USA Component Test Meter and Troubleshooter\*

### Enhanced Component Test Meter and Troubleshooter Coverage

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

### USA Vehicle CTM Makes:

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

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

<sup>\*</sup>European Troubleshooter available on VERUS<sup>®</sup> Family.

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

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

### Enhanced Component Test Meter Coverage:

- **29 makes in total (includes Generic make)**
- **New vehicle specific CTM coverage for many makes, including:**
  - Audi
  - BMW
  - Citroen
  - Fiat
  - Ford
  - Jaguar
  - Land Rover
  - Mercedes
  - Mini
  - Opel
  - Porsche
  - Renault

### European Vehicle CTM Makes:

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

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

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

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