

Australian 19.4 Software Release Details

Australian Manufacturers:	Pages 2 - 26
European Manufacturers:	Pages 27 - 32
USA Manufacturers:	Page 33 - 34
Component Tester/Troubleshooter:	Pages 35 - 40

Australian Manufacturers New for 19.4

<< Quick Stats for Australian 19.4 Software >>

New for 19.4 (from 19.2):

Huge CTM Update for 5 Australian makes, including over 145 new models or model variants!

Australian CTM receives a total increase of over 33% in engine test content with 19.4! Engine total systems count increases to 364,984!

2019 Model year coverage for 9 manufacturers in Australian software!

9 Australian manufacturers receive new or updated content in 19.4!

Over 50 New Australian models and variants!

70 existing models extended to 2019!

New or enhanced content for Australian models from 2006 – 2019

Over 19 new system type selections across 5 Australian makes!

Fuso

- One Touch Code Scan and Clear All Codes extended to the 2019 model year!

Models Updated to 2019:

- Canter, Fighter and Rosa

New Systems Added:

- Canter Euro 5 models (413, 515, 615, 715, 815, 918) 3.0L-DT (2011–2019):
 - Hill Start Control Unit (EZGO) – code functions and data

Added Functionality for Existing Systems:

- Rosa 4.9L-DT Euro 4 & Euro 5 (2010 – 2019)
 - Transmission – data added

Holden

- One Touch Code Scan and Clear All Codes extended to the 2019 model year!
- Automatic ID^^ is now supported for Australian Holden models for 2018 & 2019!

Saves you time!!

This feature automatically detects the correct vehicle ID.

Simply select the 10th VIN character (model year identifier) followed by "Automatic ID" and allow the software to identify the correct vehicle details!!

Eliminate the possibility of an incorrect vehicle ID!

Some vehicles can be difficult to find the correct engine identifier code – with models that support Automatic-ID, this is no longer required!

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

Holden (continued)

New Models Added:

- **Acadia 3.6L (LGX) 2WD/4WD (2019):**
 - Engine, Transmission, Antilock Brakes, Airbag, Active Safety Control Module, Amplifier, Body Control Module, Front View Camera Module, Heating Ventilation and Air Conditioning (HVAC), HVAC Controls, Instrument Panel Cluster, Keyless Entry, Liftgate Module, Parking Assist, Power Steering, Radar Sensor Module – Long Range, Radio, Rear Differential Clutch Control Module, Seat Memory, Serial Data Gateway Processor 1, Side Object Detection Modules, Steering Column Lock, Suspension Control Module & Video Processing Control Module
 - Coverage Highlights:
 - *Engine coverage supports code functions, data, functional tests and special functions, including:*
 - *Camshaft Position Actuator Tests*
 - *Output Controls - Cooling Fan, Cylinder Balance, Fuel Pump etc.*
 - *System Learns and Resets – Crankshaft Position Variation Learn, Engine Oil Life Reset, Idle Learn, HO2S Heater Learn etc.*
 - *Transmission Fast Learn Adaption supported*
 - *ABS special functions supported*
 - *Electric Park Brake – Rear Brake Caliper Piston Retract and Extend tests, required to place the system in service mode for brake pad replacement*
 - *Automated Brake Bleeding*
 - *Steering Angle Sensor Learn*
 - *Yaw Rate Sensor Learn*
 - *Body Control Module support includes functional tests and special functions:*
 - *Battery Module Sensor Learn – required after battery charging or replacement on vehicles fitted with automatic stop-start*
 - *Brake Pedal Position Sensor Calibration*
 - *Clear all window learned values*
 - *Front View Camera Module includes Learn function, required after windscreen replacement*
 - *Long Range Radar Sensor Module Learn function included for models fitted with distance sensing cruise control*
 - *New Liftgate Control Module system functional tests and special functions:*
 - *Hands-free Liftgate Sensor Control Module Calibration*
 - *Liftgate Maximum Open Position Learn*
 - *Power Steering Control “Steering Wheel Angle Sensor Centering” supported*
 - *Rear Differential includes special functions:*
 - *AWD Disabled by Malfunction Counter Reset*
 - *Rear Differential Hydraulic System Service Bleed*
 - *New Video Processing Control Module support includes code functions, data and camera learn instructions (manual procedure)*

Holden (continued)

New Models Added (continued):

- **Holden Commodore ZB 2.0L-DT (LFS) (2018 - 2019):**
 - Engine, Transmission, Antilock Brakes, Airbag, Active Safety Control Module, Amplifier, Body Control Module, Front View Camera Module, Headlamp Control Module, Human Machine Interface, Heating Ventilation and Air Conditioning (HVAC), HVAC Controls, Instrument Panel Cluster, Keyless Entry, Liftgate Module, Parking Assist Module, Power Steering Control Module, Power Supply Transformer, Radar Sensor Module – Long Range, Radio, Radio Controls, Rear Differential Clutch Control Module, Seat Memory Control Modules, Serial Data Gateway Module, Side Object Detection Module – Left, Steering Column Lock, Suspension Control Module and Video Processing Control Module
 - Coverage Highlights:
 - *New support added for engine and transmission, alongside previously supported Commodore ZB content*
 - *Engine coverage supports code functions, data, functional tests and special functions, including:*
 - *AdBlue functional tests and resets*
 - *DPF Regeneration*
 - *Injector Programming*
 - *System reset and learn functions*
 - *Transmission supports code functions, data and functional tests*

Models Updated to 2019:

- **Astra Hatch, Astra Sedan and Astra Wagon, Barina, Captiva, Equinox, Colorado, Commodore, Spark, Trailblazer and Trax**

Added Functionality for Existing Systems:

- **Astra K MY19 (2019):**
 - Radio (IOB base type with rearview camera) – enhanced data
- **Colorado RG and Trailblazer 2.8L-DT (LWN) (2017 – 2019):**
 - Engine – Compression Test
 - Radio (IOB base type with rearview camera) – enhanced data
- **Trax TJ MY19 (2019):**
 - Radio (IOB base type with rearview camera) – enhanced data

Honda

Added Functionality for Existing Systems:

- **Custom multi-group PID support added for CAN Engine and Gauge systems.**
 - This feature allows the user to create a custom data PID list using a combination of PIDS from different data lists within a system!
 - Some systems have multiple data lists, however previously for this make, a custom PID list could only be created using the PIDS that were already available within a single list (eg. You could take existing list and shorten it). Now with custom multi-group PIDS, mix and match PIDS from different data lists to create your own custom PID list!
 - Custom multi-group PIDS are supported for Solus Edge, Ethos Edge, Modis Edge and Verus Edge with 19.4 software. Supported Engine and Gauges systems across many Honda models, including:
 - Civic Sedan FC & Hatch FK
 - CR-V RW
 - HR-V RU
 - Jazz GK

Hyundai

- **One Touch Code Scan and Clear All Codes extended to the 2019 model year!**

New Models Added:

- **Elantra AD2 1.6L-T GDI and 2.0L MPI (2019):**
 - Engine, Transmission, Antilock Brakes, Airbag, Auto A/C, Blind Spot Detection, Body Control Module, Cluster Module, Door Modules, Electric Power Steering, FOB Key, Forward Collision Avoidance Assist, Front View Camera, Immobiliser, Power Seat Module, Rear View Monitor, Smart Junction Box, Smart Key Unit, Tyre Pressure Monitor and Wireless Power Charge
 - Coverage Highlights:
 - *Engine coverage supports code functions, data, functional tests and special functions, including (where supported):*
 - *Reset Adaptive Values*
 - *Actuators – Cooling Fan, Fuel Pump, Camshaft Actuators etc.*
 - *Both Transmission types supported – Dual Clutch (1.6L-T) & 6 Speed (2.0L)*
 - *ABS functional tests and special functions, including where supported:*
 - *Air Bleeding*
 - *Longitudinal G Sensor Calibration*
 - *Cluster Module codes functions, data, functional tests and special functions:*
 - *Service Interval Reset – allows ability to change saved SIR settings between customer mode and workshop mode options. Reset function added for vehicles set to workshop mode.*
 - *New Forward Collision Avoidance Assist support – code functions and data*
 - *New Front View Camera support – code functions, data and calibration*
 - *New Rear View Monitor support – code functions and data*
 - *New Wireless Power Charger support – code functions, data and functional tests*

Hyundai (continued)

New Models Added (continued):

- **IONIQ 88KW Electric (2019):**
 - Motor Control Unit, Antilock Brakes, Airbag, Active Air Flap, Amplifier, Autonomous Emergency Braking, Auto A/C, Auto Headlamp Levelling System, Battery Management System, Blind Spot Detection (L & R), Body Control Module, Charging Control Module, Cluster Module, Door Modules, Electronic Parking Brake, Electronic Power Steering, Electronic Shifter, Integrated Gateway Power Control Module, Low DC-DC Converter, Multi-Function Camera, On Board Charger, Parking Guide, Power Seat Module, Smart Key Unit, Tyre Pressure Monitor, Virtual Engine Sound System and Wireless Power Charge
- **IONIQ 1.6L Hybrid (2019):**
 - Engine, Transmission, Antilock Brakes, Airbag, Active Air Flap, Amplifier, Autonomous Emergency Braking, Auto A/C, Battery Management System, Blind Spot Detection (L & R), Body Control Module, Door Modules, Electronic Power Steering, Hybrid Electric Control Unit, Integrated Gateway Power Control Module, Immobiliser, Motor Control Unit, Multi-Function Camera, Parking Guide, Power Seat Module, Smart Key Unit, Tyre Pressure Monitor, Virtual Engine Sound System and Wireless Power Charge
- **IONIQ 1.6L Plug-in Hybrid (2019):**
 - Engine, Transmission, Antilock Brakes, Airbag, Active Air Flap, Amplifier, Autonomous Emergency Braking, Auto A/C, Auto Headlamp Levelling System, Battery Management System, Blind Spot Detection (L & R), Body Control Module, Door Modules, Electronic Power Steering, Hybrid Electric Control Unit, Integrated Gateway Power Control Module, Immobiliser, Motor Control Unit, Multi-Function Camera, On Board Charger, Parking Guide, Smart Key Unit, Tyre Pressure Monitor, Virtual Engine Sound System and Wireless Power Charge
 - Coverage Highlights for IONIQ:
 - *Extensive coverage in 19.4 for the new IONIQ with all powertrain options supported!*
- **iLoad TQ-4 2.4L and 2.5L-DT (2019):**
 - Engine, Transmission, Antilock Brakes, Airbag, Auto A/C, Body Control Module, Immobiliser, Remote Key and Tyre Pressure Monitor
- **iMax TQ-4 2.5L-DT (2019):**
 - Engine, Transmission, Antilock Brakes, Airbag, Auto A/C, Body Control Module, Immobiliser, Remote Key and Tyre Pressure Monitor
 - Coverage Highlights for iLoad and iMax:
 - *Diesel engine coverage supports code functions, data, functional tests and special functions, including (where supported):*
 - *DPF Regeneration*
 - *Injector Programming*
 - *System resets and learns – DPF Replacement, EGR Valve Replacement, Rail Pressure Sensor Replacement etc.*
 - *ABS functional tests and special functions, including where supported:*
 - *Air Bleeding*
 - *Auto Detected Configuration Reset*
 - *Longitudinal G Sensor Calibration*
 - *Body Control Module coverage includes special function:*
 - *User Option Module - Change BCM settings to suit user preferences*

Hyundai (continued)

New Models Added (continued):

- **Kona OS2 electric (2019):**
 - Motor Control Unit, Antilock Brakes, Airbag, Active Air Flap, Amplifier, Autonomous Emergency Braking, Auto A/C, Auto Headlamp Levelling System, Battery Management System, Blind Spot Detection (L & R), Body Control Module, Charging Control Module, Cluster Module, Electronic Power Steering, Electronic Shifter, Forward Collision Avoidance Assist, Integrated Gateway Power Control Module, Lane Keep Assist, Low DC-DC Convertor, Head Up Display, On Board Charger, Parking Guide, Power Seat Module, Rear View Monitor, Smart Key Unit, Tyre Pressure Monitor, Virtual Engine Sound System and Wireless Power Charge
- **Kona OS2 1.6L-T and 2.0L (2019):**
 - Engine, Transmission, Antilock Brakes, Airbag, Active Air Flap, Amplifier, Auto A/C, Auto Headlamp Levelling System, Blind Spot Detection, Body Control Module, Cluster Module, Electric Power Steering, FOB Key, Forward Collision Avoidance Assist, Four Wheel Drive Control (1.6L-T), Head Up Display, Immobiliser, Integrated Gateway Power Control Module, Lane Keep Assist, Rear View Monitor, Smart Key Unit, Tyre Pressure Monitor and Wireless Power Charge
 - Coverage Highlights:
 - *Extensive coverage in 19.4 for the new Kona OS2 with all powertrain options supported, including the new electric variant!*
 - *1.6L-T & 2.0L engine coverage supports code functions, data, functional tests and special functions, including (where supported):*
 - *Reset Adaptive Values*
 - *Actuators – Cooling Fan, Fuel Pump, Camshaft Actuators etc.*
 - *Transmission (2.0L) special function supported – Reset Auto Trans Adaptive Values*
 - *Dual Clutch Transmission (1.6L-T) supports code functions, data, functional tests and special function – DCT Learning Function*
 - *ABS functional tests and special functions, including where supported:*
 - *Longitudinal G Sensor Calibration*
 - *Pressure Sensor Calibration*
 - *Variant Coding*
 - *Automatic Headlamp Levelling coverage supports Level Initialisation*
 - *Blind Spot Detection system coverage includes calibration*
 - *Body Control Module coverage includes special function:*
 - *User Option Module - Change BCM settings to suit user preferences*
 - *Cluster Module codes functions, data, functional tests and special functions:*
 - *Service Interval Reset – allows ability to change saved SIR settings between customer mode and workshop mode options. Reset function added for vehicles set to workshop mode.*
 - *Variant Coding*
 - *Electric Power Steering special functions include:*
 - *EPS Type Recognition*
 - *Steering Angle Sensor Calibration*
 - *Four Wheel Drive coverage includes functional tests and special functions:*
 - *Clutch Learning Read, Write and Reset*
 - *Integrated Gateway Power Module coverage includes special function:*
 - *User Option Module - Change settings to suit user preferences, eg. One Touch Turn Signal*
 - *Lane Keeping Assist supports Calibration special function. This is required after windscreen replacement*
 - *Tyre Pressure Monitor special function – Wheel Sensor ID Writing*

Hyundai (continued)

New Models Added (continued):

- **Santa Fe TM 2.2L-DT and 2.4L (2018 - 2019):**
 - Engine, Transmission, Antilock Brakes, Airbag, Adaptive Front Lighting, Amplifier, Around View Monitor, Audio Video Navigation, Auto A/C, Auto Headlamp Levelling System, Blind Spot Detection, Body Control Module, Cluster Module, Door Module (Driver), Electric Power Steering, FOB Key, Forward Collision Avoidance Assist, Four Wheel Drive Control, Front View Camera, Head Up Display, Immobiliser, Integrated Central Control Module, Power Seat Module, Power Tailgate, Rear View Monitor, Smart Key Unit, Smart Parking Assist, Tyre Pressure Monitor and Wireless Power Charge
 - Coverage Highlights:
 - *Diesel engine coverage supports code functions, data, functional tests and special functions, including (where supported):*
 - *DPF Regeneration*
 - *Injector Programming*
 - *System resets and learns – DPF Replacement, EGR Valve Replacement, Rail Pressure Sensor Replacement etc.*
 - *Transmission special function supported – Reset Auto Trans Adaptive Values*
 - *ABS functional tests and special functions, including where supported:*
 - *Air Bleeding*
 - *Brake Pad Change Mode*
 - *Longitudinal G Sensor Calibration*
 - *Steering Angle Sensor Calibration*
 - *Variant Coding*
 - *Adaptive Front Lighting system supported special function – Calibration*
 - *Automatic Headlamp Levelling coverage supports Level Initialisation*
 - *Blind Spot Detection system coverage includes calibration*
 - *Body Control Module coverage includes functional tests and special function:*
 - *User Option Module - Change BCM settings to suit user preferences*
 - *Cluster Module codes functions, data, functional tests and special functions:*
 - *Service Interval Reset – allows ability to change saved SIR settings between customer mode and workshop mode options. Reset function added for vehicles set to workshop mode.*
 - *Variant Coding*
 - *Electric Power Steering special functions include:*
 - *EPS Type Recognition*
 - *Front View Camera supports special function – Calibration (requires use of OEM type targets)*
 - *Four Wheel Drive coverage includes functional tests and special functions:*
 - *Clutch Learning Read, Write and Reset*
 - *Power Seat Module coverage includes functional tests and special function:*
 - *Seat Limit Position Setting*
 - *User Option Module - Change settings to suit user preferences*
 - *Tyre Pressure Monitor special function – Wheel Sensor ID Writing*

Hyundai (continued)

New Models Added (continued):

- **Tucson TL3 1.6L-T, 2.0L-GDI and 2.0L-DT (2019):**
 - Engine, Transmission, Antilock Brakes, Airbag, Amplifier (1.6L-T), Around View Monitor, Auto A/C, Auto Headlamp Levelling System, Autonomous Emergency Braking, Blind Spot Detection, Body Control Module, Cluster Module, Electric Power Steering, FOB Key, Four Wheel Drive Control (1.6L-T & 2.0L-DT), Immobiliser, Multi-Function Camera, Parking Guide, Power Tailgate, Smart Junction Box, Smart Key Unit, Tyre Pressure Monitor and Wireless Power Charge
 - Coverage Highlights:
 - *1.6L-T & 2.0L engine coverage supports code functions, data, functional tests and special functions, including (where supported):*
 - *Reset Adaptive Values*
 - *Actuators – Cooling Fan, Fuel Pump, Camshaft Actuators etc.*
 - *Diesel engine coverage supports code functions, data, functional tests and special functions, including (where supported):*
 - *DPF Regeneration*
 - *Injector Programming*
 - *System resets and learns – DPF Replacement, EGR Valve Replacement, Rail Pressure Sensor Replacement etc.*
 - *Transmission (2.0L & 2.0L-DT) special function supported – Reset Auto Trans Adaptive Values*
 - *Dual Clutch Transmission (1.6L-T) supports code functions, data, functional tests and special function – DCT Learning Function*
 - *ABS functional tests and special functions, including where supported:*
 - *Air Bleeding*
 - *Brake Pad Change Mode*
 - *Longitudinal G Sensor Calibration*
 - *Steering Angle Sensor Calibration*
 - *Variant Coding*
 - *Automatic Headlamp Levelling coverage supports Level Initialisation*
 - *Blind Spot Detection system coverage includes calibration*
 - *Body Control Module coverage includes functional tests and special function:*
 - *User Option Module - Change BCM settings to suit user preferences*
 - *Cluster Module codes functions, data, functional tests and special functions:*
 - *Service Interval Reset – allows ability to change saved SIR settings between customer mode and workshop mode options. Reset function added for vehicles set to workshop mode.*
 - *Variant Coding*
 - *Electric Power Steering special functions include:*
 - *ASP Calibration*
 - *EPS Type Recognition*
 - *Four Wheel Drive coverage includes functional tests and special functions:*
 - *Clutch Learning Read, Write and Reset*
 - *Multi-Function Camera supports special function – Calibration (requires use of OEM type targets)*
 - *Tyre Pressure Monitor special function – Wheel Sensor ID Writing*

Models Updated to 2019:

- **Accent, i30, i30-N & Sonata**

Kia

- **One Touch Code Scan and Clear All Codes extended to the 2019 model year!**

New Models Added:

- **Carnival YP 2.2L-DT and 3.3L (2019):**

- Engine, Transmission, Antilock Brakes, Airbag, Auto A/C, Auto Headlamp Levelling System, Blind Spot Detection, Body Control Module, Cluster Module, Door Modules, Electric Parking Brake, Immobiliser, Multi-Function Camera, Power Sliding Door, Power Seat Module, Power Tailgate, Rear View Monitor, Smart Cruise Control, Smart Junction Box, Smart Key Unit, Surround View Monitor, Tyre Pressure Monitor and Wireless Power Charge
- Coverage Highlights:
 - *3.3L engine coverage supports code functions, data, functional tests and special functions, including (where supported):*
 - *Reset Adaptive Values*
 - *Actuators – Cooling Fan, Fuel Pump, Camshaft Actuators etc.*
 - *Diesel engine coverage supports code functions, data, functional tests and special functions, including (where supported):*
 - *DPF Regeneration*
 - *Injector Programming*
 - *System resets and learns – DPF Replacement, EGR Valve Replacement, Rail Pressure Sensor Replacement etc.*
 - *Transmission special function supported – Reset Auto Trans Adaptive Values*
 - *ABS functional tests and special functions, including where supported:*
 - *Air Bleeding*
 - *G Sensor Calibration*
 - *Steering Angle Sensor Calibration*
 - *Headlamp Levelling includes Parameter Setting & Zero Position Initial*
 - *Blind Spot Detection system coverage includes calibration*
 - *Electric Parking Brake support includes Brake Pad Maintenance Mode*

- **Cerato BD Hatch and Sedan 2.0L (2019):**

- Engine, Transmission, Antilock Brakes, Airbag, Auto A/C, Amplifier, Body Control Module, Blind Spot Detection, Cluster Module, Electric Power Steering, FOB Key, Forward Collision Avoidance Assist, Immobiliser, Integrated Central Control Module, Multi-Function Camera, Power Seat Module, Wireless Power Charge, Smart Junction Box, Smart Key Unit and Tyre Pressure Monitor
- Coverage Highlights:
 - *2.0L engine coverage supports code functions, data, functional tests and special functions, including (where supported):*
 - *Reset Adaptive Values*
 - *Actuators – Cooling Fan, Fuel Pump, Camshaft Actuators etc.*
 - *Transmission special function supported – Reset Auto Trans Adaptive Values*
 - *ABS functional tests and special functions, including where supported:*
 - *Longitudinal G Sensor Calibration*
 - *Pressure Sensor Calibration*
 - *Blind Spot Detection system coverage includes calibration*
 - *Cluster Module codes functions, data, functional tests and special functions:*
 - *Service Interval Reset – allows ability to change saved SIR settings between customer mode and workshop mode options. Reset function added for vehicles set to workshop mode.*
 - *Electric Power Steering support includes Steering Angle Sensor Calibration*
 - *Multi-Function Camera system coverage includes calibration*

Kia (continued)

New Models Added (continued):

- **Optima 2.0L-T GDI and 2.4L-GDI (2019):**
 - Engine, Transmission, Antilock Brakes, Airbag, Auto A/C, Amplifier, Blind Spot Detection, Body Control Module, Cluster Module, Door Modules, Electronic Parking Brake, Electronic Power Steering, Forward Collision Avoidance Assist, Multi-Function Camera, Mood Lamp Module, Power Seat Module, Rear View Monitor, Smart Junction Box, Smart Cruise Control, Smart Key Unit, Smart Parking Assist, Tyre Pressure Monitor and Wireless Power Charge
 - Coverage Highlights:
 - *Engine coverage supports code functions, data, functional tests and special functions, including (where supported):*
 - *Reset Adaptive Values*
 - *Actuators – Cooling Fan, Fuel Pump, Camshaft Actuators etc.*
 - *Transmission special function supported – Reset Auto Trans Adaptive Values*
 - *ABS functional tests and special functions, including where supported:*
 - *Air Bleeding*
 - *Longitudinal G Sensor Calibration*
 - *Steering Angle Sensor Calibration*
 - *Adaptive Front Lighting includes Calibration special function*
 - *Blind Spot Detection system coverage includes calibration*
 - *Electric Parking Brake includes Maintenance Mode*
 - *Electric Power Steering support includes special functions:*
 - *EPS Type Recognition*
 - *Steering Angle Sensor Calibration*
 - *Multi-Function Camera system coverage includes calibration*
- **Rio YB 1.0L-T GDI and 1.4L (2019):**
 - Engine, Transmission, Antilock Brakes, Airbag, Auto A/C, Blind Spot Detection, Body Control Module, Cluster Module, Electronic Power Steering, Fob Key, Immobiliser, Multi-Function Camera, Parking Guide, Smart Cruise Control, Smart Key Unit and Tyre Pressure Monitor
 - Coverage Highlights:
 - *Engine coverage supports code functions, data, functional tests and special functions, including (where supported):*
 - *Reset Adaptive Values*
 - *Actuators – Cooling Fan, Fuel Pump, Camshaft Actuators etc.*
 - *Transmission (1.4L 4 speed and 6 speed) special function supported – Reset Auto Trans Adaptive Values*
 - *Dual Clutch Transmission (1.0L-T) supports code functions, data, functional tests and special function – DCT Learning Function*
 - *ABS functional tests and special functions, including where supported:*
 - *Air Bleeding*
 - *Longitudinal G Sensor Calibration*
 - *Steering Angle Sensor Calibration*
 - *Blind Spot Detection system coverage includes calibration*
 - *Body Control Module coverage includes functional tests and special function:*
 - *User Option Module - Change BCM settings to suit user preferences*
 - *Electric Power Steering support includes special functions:*
 - *EPS Type Recognition*
 - *Steering Angle Sensor Calibration*
 - *Multi-Function Camera system coverage includes calibration*

Kia (continued)

New Models Added (continued):

- **Sportage QL 2.0L, 2.0L-DT and 2.4L (2019):**
 - Engine, Transmission, Antilock Brakes, Airbag, Auto A/C, Advanced Smart Cruise Control, Automatic Headlamp Levelling System, Body Control Module, Blind Spot Detection, Cluster Module, Electric Power Steering, Four Wheel Drive, Immobiliser (2.0L), Multi-Function Camera, Parking Guide, Power Tailgate, Smart Junction Box, Smart Key Unit, Smart Parking Assist and Tyre Pressure Monitor
 - **Coverage Highlights:**
 - *2.0L and 2.4L engine coverage supports code functions, data, functional tests and special functions, including (where supported):*
 - *Reset Adaptive Values*
 - *Actuators – Cooling Fan, Fuel Pump, Camshaft Actuators etc.*
 - *Diesel engine coverage supports code functions, data, functional tests and special functions, including (where supported):*
 - *DPF Regeneration*
 - *Injector Programming*
 - *System resets and learns – DPF Replacement, EGR Valve Replacement, Rail Pressure Sensor Replacement etc.*
 - *Transmission special function supported – Reset Auto Trans Adaptive Values*
 - *ABS functional tests and special functions, including where supported:*
 - *Air Bleeding*
 - *Brake Pad Change Mode*
 - *Longitudinal G Sensor Calibration*
 - *Steering Angle Sensor Calibration*
 - *Blind Spot Detection system coverage includes calibration*
 - *Body Control Module coverage includes functional tests and special function:*
 - *User Option Module - Change BCM settings to suit user preferences*
 - *Electric Power Steering support includes special functions:*
 - *EPS Type Recognition*
 - *ASP Calibration*
 - *Four Wheel Drive coverage includes functional tests and special functions:*
 - *Clutch Learning Read, Write and Reset*
 - *Multi-Function Camera supports static and dynamic type calibration functions (requires use of OEM type targets for static calibration)*
 - *Parking Guide coverage supports Camera Image Correction Function*

Models Updated to 2019:

- **Picanto, Rondo, Sorento, Soul and Stinger**

New Systems Added:

- **Optima JF 2.0L-T and 2.4L (2018 - 2019):**
 - Amplifier - Functional test only type system added, AMP Operation test supported
 - Multi-Function Camera – code functions, data and special functions
 - *Service Calibrations*
 - *Variant Coding*
 - Parking Guide – code functions and data
 - Wireless Power Charge – code functions, data and functional test

Kia (continued)

New Systems Added (continued):

- **Picanto JA 1.2L (2018 – 2019):**
 - Body Control Module – code functions, data, functional tests and special function:
 - *User Option Module - Change BCM settings to suit user preferences*
- **Sorento UM 2.2L-DT and 3.5L (2019):**
 - Forward Collision Avoidance – code functions and data
 - Head Up Display – code functions, data and special function
 - *Head Up Display Calibration*

Mazda

- **One Touch Code Scan and Clear All Codes extended to the 2019 model year!**

New Models Added:

- **Mazda 6 GL Series 2 2.2L-DT SKYACTIV-D, 2.5L SKYACTIV-G and 2.5L-T SKYACTIV-G (2019):**
 - Engine, Transmission, Antilock Brakes, Airbag, Adaptive Front Lighting System, Amplifier Module, Audio Control Unit, Blind Spot Monitoring, Body Control Module (front and rear), Connectivity Master Unit, DC to DC Converter, Electronic Automatic Temperature Control, Electronic Parking Brake, Electronic Power Steering, Forward Sensing Camera, Head Up Display, Instrument Panel Cluster, i-stop Control, Parking Sensor, Remote Keyless Entry, Driver Seat, Smart Brake Support/Mazda Radar Cruise Control, Smart City Brake Support, Smart Start Unit and View Monitor Camera
 - Coverage Highlights:
 - *2.5L and 2.5L-T Engine coverage supports code functions, data and functional tests, including:*
 - *Air Conditioning, Cooling Fans, Injector Cut, EVAP Purge Solenoid, Oil Pressure Solenoid etc.*
 - *Oil Maintenance setting adjustment and resets (if supported by vehicle)*
 - *Diesel engine coverage includes code functions, data, functional tests and special functions, including (where supported):*
 - *Functional Tests – Air Conditioning, EGR Valve, Injector Cut, Turbocharger Compressor Bypass Valve, Wastegate Valve etc.*
 - *DPF Regeneration*
 - *Oil Maintenance setting adjustment and resets (if supported by vehicle)*
 - *System resets and learns – Fuel Pump Data Reset, Injector Data Reset, Mass Air Flow Data Reset, DPF Data Reset etc.*
 - *Transmission coverage includes code functions, data and functional tests*
 - *ABS supports functional tests and special functions:*
 - *Brake Fluid Pressure Sensor Initialisation*
 - *Lateral and Longitudinal Acceleration Sensor Initialisations*
 - *Yaw Rate Sensor Initialisation*
 - *Adaptive Front Lighting /Auto Levelling Module supports sensor calibration*
 - *Electronic Parking Brake supports Maintenance Mode*
 - *i-stop control includes learning instructions*

Mazda (continued)

New Models Added (continued):

- **CX-3 DK 1.8L-DT SKYACTIV-D and 2.0L SKYACTIV-G (2019):**
 - Engine, Transmission, Antilock Brakes, Airbag, 4WD Module, Adaptive Front Lighting /Auto Levelling Module, Body Control Module, Blind Spot Monitoring, Connectivity Master Unit, Driver Seat, Electronic Automatic Temperature Control, Electronic Parking Brake, Electronic Power Steering, Electrical Supply Unit, Forward Sensing Camera, Head Up Display, Instrument Cluster, i-stop Control, Parking Sensor, Smart Start Unit, Smart Brake Support / Mazda Radar Cruise Control and View Monitor Camera
 - Coverage Highlights:
 - *Petrol engine coverage supports functional tests and special functions:*
 - *Functional Tests – Air Conditioning, Cooling Fans, Injector Cut, EVAP Purge Solenoid, Oil Pressure Solenoid etc.*
 - *Oil Maintenance setting adjustment and resets (if supported by vehicle)*
 - *Transmission coverage includes code functions, data and functional tests*
 - *ABS supports functional tests and special functions:*
 - *Brake Fluid Pressure Sensor Initialisation*
 - *Lateral and Longitudinal Acceleration Sensor Initialisations*
 - *Yaw Rate Sensor Initialisation*
 - *Adaptive Front Lighting /Auto Levelling Module supports sensor Initialisation*
 - *i-stop control includes learning instructions*
- **CX-5 KF 2.0L SKYACTIV-G, 2.2L-DT SKYACTIV-D, 2.5L SKYACTIV-G and 2.5L-T SKYACTIV-G (2019):**
 - Engine, Transmission, Antilock Brakes, Airbag, 4WD Module, Adaptive Front Lighting /Auto Levelling, Amplifier, Body Control Module (Front/Rear), Blind Spot Monitoring, Connectivity Master Unit, Data Communication Module, Driver Seat Module, Electronic Automatic Temperature Control, Electronic Parking Brake, Electronic Power Steering, Forward Sensing Camera, Head Up Display, Instrument Panel Cluster, i-stop Control, Parking Sensor, Power Liftgate, Smart Start Unit, Smart Brake Support / Mazda Radar Cruise Control, Tyre Pressure Monitor and View Monitor Camera
 - Coverage Highlights:
 - *Petrol engine coverage supports functional tests and special functions:*
 - *Functional Tests – Air Conditioning, Cooling Fans, Injector Cut, EVAP Purge Solenoid, Oil Pressure Solenoid etc.*
 - *Oil Maintenance setting adjustment and resets (if supported by vehicle)*
 - *Diesel engine coverage includes code functions, data, functional tests and special functions, including (where supported):*
 - *Functional Tests – Air Conditioning, EGR Valve, Injector Cut, Turbocharger Compressor Bypass Valve, Wastegate Valve etc.*
 - *DPF Regeneration*
 - *Oil Maintenance setting adjustment and resets (if supported by vehicle)*
 - *System resets and learns – Fuel Pump Data Reset, Injector Data Reset, Mass Air Flow Data Reset, DPF Data Reset etc.*
 - *Transmission coverage includes code functions, data and functional tests*
 - *ABS supports functional tests and special functions:*
 - *Brake Fluid Pressure Sensor Initialisation*
 - *Lateral and Longitudinal Acceleration Sensor Initialisations*
 - *Yaw Rate Sensor Initialisation*
 - *Adaptive Front Lighting /Auto Levelling Module supports sensor Initialisation*
 - *All Wheel Drive includes special function – Coupling Calibration Data Writing*
 - *Electronic Parking Brake supports Maintenance Mode*
 - *i-stop control includes learning instructions*

Mazda (continued)

New Models Added (continued):

- **CX-8 KG 2.2L-DT SKYACTIV-D (2019):**
 - Engine, Transmission, Antilock Brakes, Airbag, 4WD Module, Adaptive Front Lighting /Auto Levelling, Amplifier, Body Control Module (Front/Rear), Blind Spot Monitoring, Connectivity Master Unit, Driver Seat Module, Electronic Automatic Temperature Control, Electronic Parking Brake, Electronic Power Steering, Forward Sensing Camera, Head Up Display, Instrument Panel Cluster, i-stop Control, Parking Sensor, Power Liftgate, Smart Start Unit, Smart Brake Support / Mazda Radar Cruise Control, and View Monitor Camera
 - Coverage Highlights:
 - *Diesel engine coverage includes code functions, data, functional tests and special functions, including (where supported):*
 - *Functional Tests – Air Conditioning, EGR Valve, Injector Cut, Turbocharger Compressor Bypass Valve, Wastegate Valve etc.*
 - *DPF Regeneration*
 - *Oil Maintenance setting adjustment and resets (if supported by vehicle)*
 - *System resets and learns – Fuel Pump Data Reset, Injector Data Reset, Mass Air Flow Data Reset, DPF Data Reset etc.*
 - *Transmission coverage includes code functions, data and functional tests*
 - *ABS supports functional tests and special functions:*
 - *Brake Fluid Pressure Sensor Initialisation*
 - *Lateral and Longitudinal Acceleration Sensor Initialisations*
 - *Yaw Rate Sensor Initialisation*
 - *Adaptive Front Lighting /Auto Levelling Module supports sensor Initialisation*
 - *All Wheel Drive includes special function – Coupling Calibration Data Writing*
 - *Electronic Parking Brake supports Maintenance Mode*
 - *i-stop control includes learning instructions*
- **MX-5 ND 1.5L SKYACTIV-G and 2.0L SKYACTIV-G (2019):**
 - Engine, Transmission, Antilock Brakes, Airbag, Adaptive Front Lighting /Auto Levelling, Amplifier, Body Control Module (Front/Rear), Blind Spot Monitoring, Connectivity Master Unit, Electric Vacuum Pump, Electrical Supply Unit, Electronic Automatic Temperature Control, Electronic Power Steering, Forward Sensing Camera, Instrument Panel Cluster, Parking Sensor and Retractable Hard Top
 - Coverage Highlights:
 - *Petrol engine coverage supports functional tests and special functions:*
 - *Functional Tests – Air Conditioning, Cooling Fans, Injector Cut, EVAP Purge Solenoid, Oil Pressure Solenoid etc.*
 - *Oil Maintenance setting adjustment and resets (if supported by vehicle)*
 - *Transmission coverage includes code functions, data and functional tests*
 - *ABS supports functional tests and special functions:*
 - *Brake Fluid Pressure Sensor Initialisation*
 - *Lateral and Longitudinal Acceleration Sensor Initialisations*
 - *Yaw Rate Sensor Initialisation*
 - *Adaptive Front Lighting /Auto Levelling Module supports sensor Initialisation*

Models Updated to 2019:

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

Mazda (continued)

New Systems Added:

- **BT-50 2.2L-DT and 3.2L-DT (2016 – 2019):**
 - Audio Control Unit – code functions and functional test:
 - *AM Antenna Reception Sensitivity Test*
 - Speech Recognition Module – code functions and data:
- **Mazda 3 BN 2.0L and 2.5L (2016 – 2019):**
 - Head Up Display – code functions and data:

Added Functionality for Existing Systems:

- Mazda 3 MPS 2.3L-T (2009 – 2010): Engine functional tests added, including:
 - *Air Conditioning Clutch*
 - *EGR Valve Stepping Motor Position*
 - *Fan Duty Cycle Control*
 - *Injector Cut 1/2/3/4*
 - *Wastegate Control Solenoid*

Mitsubishi

Added Functionality for Existing Systems:

- **Engine Freeze Frame added for many popular petrol and diesel engine systems for years 2007 – 2019.**

Nissan

New Systems Added:

- **Pathfinder R51 2.5L-DT and 4.0L (2005 – 2010):**
 - All Mode AWD/4WD – code functions and data

Added Functionality for Existing Systems:

- **Navara D40 2.5L-DT, 3.0L-DT and 4.0L (2005 – 2015):**
 - ABS – enhanced data and special function added:
 - *Deceleration G Sensor Calibration (for models fitted with stability control)*
- **Pathfinder R51 2.5L-DT, 3.0L-DT and 4.0L (2005 – 2013):**
 - ABS – enhanced data and special function added:
 - *Deceleration G Sensor Calibration (for models fitted with stability control)*

Ssangyong

- One Touch Code Scan and Clear All Codes extended to the 2019 model year!

Models Updated to 2019:

- Actyon Sports II, Chairman W, Korando, Rexton G4, Rexton W, Stavic//Rodius II and Tivoli

Suzuki

- One Touch Code Scan and Clear All Codes extended to the 2019 model year!

New Models Added:

- **Jimny GJ 1.5L K15B (2018 – 2019):**
 - Engine, Transmission, Antilock Brakes, Airbag, All Wheel Drive, Body Control Module with Integrated Auto A/C, Central Gateway, Combination Meter, Dual Sensor Brake Support, Electric Power Steering, Headlight Auto Levelling System and Lighting & Turn Signal
 - Coverage Highlights:
 - *Engine coverage includes code functions, data and functional tests, including:*
 - Fixed Spark 5°BTDC
 - Fuel Injector 1/2/3/4
 - Output Controls – Fuel Pump, EVAP Purge %, Radiator Fan etc.
 - *Transmission coverage includes code functions, data and special function:*
 - A/T Learn Initialise
 - *Antilock Brake support includes code functions, data and special functions:*
 - Hydraulic Control Test
 - ESP Function Setting (Enable/Disable)
 - Sensor Calibration
 - *All Wheel Drive Control includes support for code functions and data*
 - *Body Control Module includes support for model variants with Auto A/C. Includes code functions, data, functional tests and Configuration special function. Supported tests vary between models but may include:*
 - Leaving Home Light
 - Coming Home Light
 - *Combination Meter coverage includes code functions, data and functional tests*
 - *Dual Sensor Brake Support coverage includes code functions, data and functional test:*
 - High Beam Assist
 - *Headlight Auto Levelling includes functional test and special function – Height Sensor Initial Setting*

Suzuki (continued)

New Models Added (continued):

- **Vitara LY Series 2 1.4L-T K14C and 1.6L M16A (2018 – 2019):**
 - Engine, Transmission, Antilock Brakes, Airbag, Blind Spot Monitor, Body Control Module, Central Gateway, Combination Meter, Dual Sensor Brake Support, Electric Power Steering, Four Wheel Drive, Headlight Auto Levelling System, Heating Ventilation & Air Conditioning, Keyless Start and Radar Brake Support / Adaptive Cruise Control
 - Coverage Highlights:
 - *Engine coverage includes code functions, data and functional tests, including:*
 - Fixed Spark 5°BTDC
 - Fuel Injector 1/2/3/4
 - Output Controls – Fuel Pump, EVAP Purge %, Radiator Fan etc.
 - *Transmission coverage includes code functions, data and special functions:*
 - A/T Learn Initialise
 - Neutral Position Calibration
 - *Antilock Brake support includes code functions, data and special functions:*
 - Hydraulic Control Test
 - ESP Function Setting (Enable/Disable)
 - Sensor Calibration
 - *All Wheel Drive Control includes support for code functions and data*
 - *New Blind Spot Monitor coverage includes support for code functions and data*
 - *Body Control Module includes support for model variants with and without Rain Light Sensor. Includes code functions, data, functional tests and Configuration special function. Supported tests vary between models but may include:*
 - Daytime Running Light Enable
 - Door Unlock (1 Action/2 Action)
 - Foot Light
 - Turn Signal Light
 - *Combination Meter coverage includes code functions, data and functional tests*
 - *Dual Sensor Brake Support coverage includes code functions, data and functional test:*
 - High Beam Assist
 - *Headlight Auto Levelling includes functional test and special function – Height Sensor Initial Setting*
 - *Keyless Start coverage includes code functions, data, functional tests and Configuration special function. Supported tests vary between models but may include:*
 - Keyless Start (on/off)
 - Remote Controller Battery Warning
 - Answer Back (Outside Buzzer)
 - Answer Back (Hazard/Interior Lights)
 - Remote Controller Area Warning

Models Updated to 2019:

- **Baleno, Ignis, S-Cross & Swift**

Suzuki (continued)

New Systems Added:

- **Swift AZ 1.0L-T, 1.2L and 1.4L-T (2017 – 2019):**
 - Dual Sensor Brake Support – code functions, data and functional test
 - *High Beam Assist*

- **S-Cross JY 1.6L (2013 – 2016):**
 - Combination Meter – code functions, data and functional tests
 - Headlight Auto Levelling System – code functions, data, functional tests and special functions:
 - *Levelling Actuator*
 - *Height Sensor Initial Setting*
 - Keyless Start - code functions, data, functional tests and special function:
 - *Configuration. Supported tests vary between models but may include:*
 - *Keyless Start (on/off)*
 - *Remote Controller Battery Warning*
 - *Answer Back (Outside Buzzer)*
 - *Answer Back (Hazard/Interior Lights)*
 - *Remote Controller Area Warning*

Added Functionality for Existing Systems:

- **S-Cross JY 1.6L and 1.4L-T (2013 – 2019):**
 - Body Control Module – Configuration special function
 - *Supported tests vary between models but may include:*
 - *Door Unlock (1 Action/2 Action)*
 - *Foot Light*
 - *Turn Signal Light*

- **Vitara LY 1.4L-T, 1.6L and 1.6L-DT (2015 – 2018):**
 - Body Control Module – Configuration special function
 - *Supported tests vary between models but may include:*
 - *Door Unlock (1 Action/2 Action)*
 - *Foot Light*
 - *Turn Signal Light*

Toyota

New Models Added:

- **Corolla Hatch MZEA12R 2.0L (2018 – 2019):**
 - Engine, Transmission, Brake/ Electric Parking Brake, Airbag, Adaptive Front Lighting (main and sub), Accessory Gateway, Automatic Headlamp Levelling System (main and sub), Body Control Module, Blind Spot Monitor (master and slave), Cruise Control, Central Gateway, Door Motors, Heating and Air Conditioning (HVAC), Head Up Display, Immobiliser, Instrument Panel Cluster, Master Switch Module, Navigation System, Power Source Control, Remote Engine Starter, Starting Control, Steering Column Module, Sliding Roof, Smart Key Access and Tyre Pressure Monitor
 - Coverage Highlights:
 - *Engine coverage includes code functions, data and functional tests, including:*
 - Check Mode
 - Compression Test
 - D-4S Port and Direct Injection tests – Fuel Cut, Volume %, Mode change
 - Output controls – alternator, circuit relays, fuel pump, throttle control, intake and exhaust VVTi, electric water pump etc.
 - VIN Read and Write
 - *Transmission support includes code functions, data and functional tests*
 - *Adaptive Front Lighting includes Height Sensor Initialisation*
 - *Automatic Headlamp Levelling System includes Height Sensor Initialisation*
 - *Customisation support included for many systems – adjust saved settings in each system to suit user preferences. Supported systems include:*
 - Air Conditioning
 - Body Control Module
 - Door Motors
 - Smart Key Access
- **Corolla Hatch Hybrid ZWE211R 1.8L-Hybrid (2018 – 2019):**
 - Engine, Hybrid Control, Antilock Brakes, Airbag, Body Control Module, Blind Spot Monitor (master and slave), Central Gateway, Door Motors, Electric Power Steering, Electric Parking Brake, Heating and Air Conditioning (HVAC), Head Up Display, Instrument Panel Cluster, Motor Generator, Master Switch Module, Navigation System, Power Source Control, Steering Column Module, Smart Key Access
 - Coverage Highlights:
 - *Engine coverage includes code functions, data and functional tests, including:*
 - Check Mode
 - Output controls – Circuit relays, Cylinder Fuel Cut, Fuel Cut, Fuel Pump, Throttle control, Cooling Fan etc.
 - VIN Read and Write
 - *ABS Coverage includes code functions, data, functional tests and special functions:*
 - Air Bleeding
 - Reset Memory
 - Test Mode
 - *Customisation support included for many systems – adjust saved settings in each system to suit user preferences. Supported systems include:*
 - Air Conditioning
 - Body Control Module
 - Door Motors
 - Smart Key Access

Toyota (continued)

New Models Added (continued):

- **Fortuner 2.8L-DT (2019):**
 - Engine, Transmission, Antilock Brakes, Airbag, Automatic Headlamp Levelling System, Door Module (Back), Cruise Control, Four Wheel Drive, Heating Ventilation & Air Conditioning (HVAC), Immobiliser, Instrument Panel Cluster, Navigation System, Power Source Control, Starting Control, Smart Key Access and Stop Start
 - Coverage Highlights:
 - *Engine coverage supports code functions, data, functional tests and special functions, including:*
 - DPF Regeneration
 - Injector Programming
 - Pilot Quantity Learning
 - Component reset functions
 - Output controls – EGR, solenoid valves, VN Turbocharger etc.
 - *ABS Coverage supports code functions, data, functional tests and special functions, including:*
 - Air Bleeding
 - Reset Memory & Test Mode
 - *Auto Headlamp Levelling support includes Height Sensor Initialisation*

- **Land Cruiser Prado 2.8L-DT (2019):**
 - Engine, Transmission, Antilock Brakes, Airbag, Adaptive Front Lighting, Accessory Gateway, Automatic Headlamp Levelling System, Air Suspension, Body Control Module, Blind Spot Monitor, Cruise Control, Central Gateway, Crash Prediction 2, Clearance Sonar, Door Motors, Front Recognition Camera, Four Wheel Drive, Heating & Air Conditioning, Intelligent Parking Assist, Instrument Panel Cluster, Lane Keeping Assist/Lane Departure Alert (main and sub), Mirror Modules, Master Switch Module, Navigation System, Progressive Power Steering, Power Source Control, Radar Cruise, Remote Engine Starter, Road Sign Assist, Starting Control, Smart Key Access, Seat Module (driver), Sliding Roof and Tilt-Telescope Steering Column
 - Coverage Highlights:
 - *Coverage for up to 41 systems!*
 - *Engine coverage supports code functions, data, functional tests and special functions, including:*
 - DPF Regeneration
 - Injector Programming
 - Pilot Quantity Learning
 - Component reset functions
 - Output controls – EGR, solenoid valves, VN Turbocharger etc.
 - *Transmission coverage supports special functions:*
 - ATF Thermal Degradation Estimate Reset
 - Reset Memory
 - *ABS Coverage supports code functions, data, functional tests and special functions, including:*
 - Air Bleeding
 - Reset Memory & Test Mode
 - *Auto Headlamp Levelling support includes Height Sensor Initialisation*
 - *Customisation support included for many systems – adjust saved settings in each system to suit user preferences. Supported systems include:*

• Air Conditioning	• Crash Prediction 2
• Body Control Mod	• Door Motors
• Blind Spot Monitor	• Smart Key Access

Toyota (continued)

New Models Added (continued):

- **RAV4 2.0L and 2.5L (2019):**
 - Engine, Transmission, Brake/ Electric Parking Brake, Airbag, Accessory Gateway, Automatic Headlamp Levelling System (main and sub), Body Control Module, Back Door Module, Blind Spot Monitor (master and slave), Cruise Control, Central Gateway, Clearance Sonar, Door Motors, Electric Motor Power Steering, Four Wheel Drive, Grill Shutter, Heating & Air Conditioning, Immobiliser, Instrument Panel Cluster, Master Switch Module, Navigation, Parking Assist Camera, Power Source Control, Panoramic View Monitor, Remote Engine Starter, Rain Sensor, Starting Control, Steering Column Module, Smart Key Access, Seat Module (driver), Sliding Roof, Stop Start and Tyre Pressure Monitor
- **RAV4 2.5L-Hybrid (2019):**
 - Engine, Hybrid Control, Antilock Brakes, Airbag, Accessory Gateway, Adaptive Frontal Lighting, Automatic Headlamp Levelling System (main and sub), Body Control Module, Back Door Module, Blind Spot Monitor (master and slave), Cruise Control/Radar Cruise 1, Central Gateway, Clearance Sonar, Door Motors, Electric Motor Power Steering, Electric Parking Brake, Grill Shutter, Heating & Air Conditioning, Immobiliser, Instrument Panel Cluster, Master Switch Module, Motor Generator, Navigation, Parking Assist Camera, Power Source Control, Panoramic View Monitor, Remote Engine Starter, Rain Sensor, Steering Column Module, Smart Key Access, Seat Module (driver), Sliding Roof and Tyre Pressure Monitor
 - RAV4 Coverage Highlights:
 - *Up to 38 systems supported on RAV4 models!*
 - *Engine coverage includes code functions, data and functional tests, including:*
 - *Check Mode*
 - *Compression Test*
 - *D-4S Port and Direct Injection – Fuel Cut, Volume %, Mode Change*
 - *Output controls (where supported) – circuit relays, fuel pump, throttle control, intake and exhaust VVTi, electric water pump, EGR etc.*
 - *VIN Read and Write*
 - *Hybrid Control supports code functions, data, functional tests and routine tests:*
 - *Compression Test*
 - *Hybrid Battery Charge*
 - *ABS system coverage for Hybrid model supports special functions, including:*
 - *Air Bleeding*
 - *Brake Fluid Replacement*
 - *Reset Memory and Test Mode*
 - *Auto Headlamp Levelling support includes Height Sensor Initialisation*
 - *Customisation support included for many systems – adjust saved settings in each system to suit user preferences. Supported systems include:*

• <i>Air Conditioning</i>	• <i>Clearance Sonar</i>
• <i>Body Control Mod</i>	• <i>Door Motors</i>
• <i>Blind Spot Monitor</i>	• <i>Sliding Roof</i>
• <i>Rain Sensor</i>	• <i>Smart Key Access</i>
 - *Central Gateway supports Initialisation special function*

Models Updated to 2019:

- **86, Camry, Camry Hybrid, C-HR, Coaster, Corolla 172 sedan, Hiace, Kluger, Land Cruiser 70, Land Cruiser 200, Prius, Prius C, Prius V, Tarago & Yaris**

Toyota (continued)

New Systems Added:

- **Hilux 2.8L-DT (2016 – 2019):**
 - Power Source Control – code functions, data and functional tests
- **Coaster 4.0L-DT (2016 – 2019):**
 - Central Gateway – code functions, data and special function: *Initialisation*
 - Instrument Panel Cluster – code functions, data, functional tests and special function:
 - *Customise Settings. Adjust vehicle settings to suit user preferences*
- **Kluger 3.5L (2018 – 2019):**
 - Automatic Headlamp Levelling System – code functions, data, functional tests and special functions:
 - *Height Sensor Initialisation*
 - *ECU Information Synchronisation*
- **Land Cruiser 200 4.5L-DT and 4.6L (2018 – 2019):**
 - Automatic High Beam – code functions and functional tests
 - Four Wheel Drive Control – code functions and data
 - Remote Engine Starter – code functions, data and special function:
 - *Customise Settings. Adjust vehicle settings to suit user preferences*
 - Road Sign Assist – code functions, data and functional tests
 - Variable Gear Ratio Steering – code functions and data
- **Land Cruiser Prado 4.0L (2018):**
 - Accessory Gateway – code functions and data
 - Adaptive Front Lighting – code functions, data, functional tests and special function:
 - *Height Sensor Initialisation*
 - Automatic Headlamp Levelling System – code functions, data, functional tests and special function:
 - *Height Sensor Initialisation*
 - *ECU Information Synchronisation*
 - Cruise Control – code functions and data
 - Central Gateway – code functions, data and special function: *Initialisation*
 - Clearance Sonar – code functions, data, functional tests and special function:
 - *Customise Settings. Adjust vehicle settings to suit user preferences*
 - Crash Prediction 2 – code functions, data, functional tests and special function:
 - *Customise Settings. Adjust vehicle settings to suit user preferences*
 - Four Wheel Drive – code functions and data
 - Front Recognition Camera - code functions, data, functional tests and special functions
 - Lane Keeping Assist / Lane Departure Alert (main and sub) - code functions, data, functional tests and special functions
 - Master Switch Module – code functions and data
 - Mirror Modules (left/right) – code functions, data and functional tests
 - Power Source Control - code functions, data and functional tests
 - Radar Cruise 1 - code functions and data
 - Radar Cruise 2 - code functions, data and functional tests
 - Remote Engine Starter – code functions, data and special function:
 - *Customise Settings. Adjust vehicle settings to suit user preferences*
 - Road Sign Assist – code functions, data and functional tests
 - Sliding Roof – code functions, data and special function:
 - *Customise Settings. Adjust vehicle settings to suit user preferences*
 - Starting Control - code functions, data and functional tests

Toyota (continued)

New Systems Added (continued):

- **Prius V 1.8L-Hybrid (2018 – 2019):**
 - Central Gateway – code functions, data and special function: *Initialisation*
 - Crash Prediction 2 – code functions, data, functional tests and special function:
 - *Customise Settings. Adjust vehicle settings to suit user preferences*
 - Front Recognition Camera - code functions, data, functional tests and special functions
 - Lane Keeping Assist / Lane Departure Alert (main and sub) - code functions, data, functional tests and special functions
 - Master Switch Module – code functions and data
 - Navigation - code functions, data and functional tests
 - Radar Cruise 1 - code functions and data
 - Radar Cruise 2 - code functions, data and functional tests
 - Remote Engine Starter – code functions, data and special function:
 - *Customise Settings. Adjust vehicle settings to suit user preferences*
 - Road Sign Assist – code functions, data and functional tests
 - Sliding Roof – code functions, data and special function:
 - *Customise Settings. Adjust vehicle settings to suit user preferences*
 - Smart Key – code functions, data and special function:
 - *Customise Settings. Adjust vehicle settings to suit user preferences*
 - Vehicle Proximity Notification System - code functions, data and special function:
 - *Customise Settings. Adjust vehicle settings to suit user preferences*

- **Prius 1.8L-Hybrid (2016 – 2019):**
 - Hybrid Control - code functions, data, functional tests and special functions
 - Accessory Gateway – code functions and data
 - Adaptive Front Lighting – code functions, data, functional tests and special function:
 - *Height Sensor Initialisation*
 - Blind Spot Monitor (main and sub) - code functions, data and special function:
 - *Customise Settings. Adjust vehicle settings to suit user preferences*
 - Central Gateway – code functions, data and special function: *Initialisation*
 - Clearance Sonar – code functions, data, functional tests and special function:
 - *Customise Settings. Adjust vehicle settings to suit user preferences*
 - Front Recognition Camera - code functions, data, functional tests and special functions
 - Grill Shutter - code functions, data and functional tests
 - Head Up Display - code functions, data and functional tests
 - Motor Generator – code functions and data
 - Radar Cruise - code functions, data, functional tests and special functions
 - Rain Sensor - code functions, data and special function:
 - *Customise Settings. Adjust vehicle settings to suit user preferences*
 - Remote Engine Starter – code functions, data and special function:
 - *Customise Settings. Adjust vehicle settings to suit user preferences*
 - Road Sign Assist – code functions, data and functional tests

- **Yaris 1.3L and 1.5L (2017 – 2019):**
 - Central Gateway – code functions, data and special function: *Initialisation*

Added Functionality for Existing Systems:

- **Aurion 3.5L (2015 – 2017):**
 - Instrument Cluster – special function:
 - *Customise Settings. Adjust vehicle settings to suit user preferences*

Toyota (continued)

Added Functionality for Existing Systems (continued):

- **Camry 2.5 and 3.5L (2018 – 2019):**
 - Steering Column Module – special function: *Wiper Specification Switch*
- **Camry Hybrid 2.5L-H (2018 – 2019):**
 - Antilock Brakes – special function: *Brake Bleed*
 - Steering Column Module – special function: *Wiper Specification Switch*
- **Camry 2.5 and 3.5L, Camry Hybrid 2.5L-H (2015 – 2017):**
 - Instrument Cluster – special function:
 - *Customise Settings. Adjust vehicle settings to suit user preferences*
- **Corolla Sedan 172 1.8L (2019):**
 - Airbag – functional test: *Check Mode*
 - Heating & Air Conditioning – special function: *Refrigerant Gas Volume Check*
- **Hiace 2.7L (2015 – 2019):**
 - Engine – special function: *VIN Read/Write*
 - Airbag – functional test: *Check Mode*
- **Hiace 3.0L-DT (2015 – 2019):**
 - Airbag – functional test: *Check Mode*
- **Kluger 3.5L (2018 – 2019):**
 - Transmission – special functions:
 - *Check Mode*
 - *Reset Memory*
- **Kluger 3.5L (2014 – 2016):**
 - Engine – special function: *VIN Read/Write*
- **Land Cruiser 200 4.5L-DT and 4.6L (2012 – 2019):**
 - Instrument Cluster – special function: *Cruising Range Reset*
- **Land Cruiser 70 4.5L-DT (2016 – 2019):**
 - Instrument Cluster – special function:
 - *Customise Settings. Adjust vehicle settings to suit user preferences*
- **Land Cruiser Prado 2.8L-DT and 4.0L (2016 - 2019):**
 - Door Motor Modules – special function: *Reset Memory*
 - Instrument Cluster – special function:
 - *Customise Settings. Adjust vehicle settings to suit user preferences*
- **Prius C 1.5L-Hybrid (2012 – 2019):**
 - Engine – special function: *VIN Read/Write*
 - Body Control Module – special function: *Initialisation*
 - Hybrid Control – special function: *Inspection Mode*
 - Power Source Control – special function: *Auto Power Off Cancel*
 - Heating & Air Conditioning – special functions:
 - *Servo Initialisation*
 - *Refrigerant Gas Volume Check*

Toyota (continued)

Added Functionality for Existing Systems (continued):

- **Prius V 1.8L-Hybrid (2018 – 2019):**
 - Heating Ventilation and Air Conditioning – enhanced coverage with additional data parameters and functional tests. Special functions added.

- **Prius 1.8L-Hybrid (2016 – 2019):**
 - Heating Ventilation and Air Conditioning – enhanced coverage with additional data parameters and functional tests. Special functions added.
 - Body Control Module – enhanced coverage with additional data parameters and functional tests. Special functions added.
 - Instrument Cluster – special function:
 - *Customise Settings. Adjust vehicle settings to suit user preferences*

- **Tarago 2.4L and 3.5L (2016 – 2019):**
 - Transmission - special functions:
 - *CVT Oil Pressure Calibration*
 - *Deceleration Sensor Zero Point Calibration*
 - Electric Motor Power Steering – special functions:
 - *Abnormal Operation History*
 - *Torque Sensor Adjustment*
 - Instrument Cluster – special function:
 - *Customise Settings. Adjust vehicle settings to suit user preferences*

- **Yaris 1.3L and 1.5L (2017 – 2019):**
 - Heating & Air Conditioning – special function: *Refrigerant Gas Volume Check*
 - Instrument Cluster – special function:
 - *Customise Settings. Adjust vehicle settings to suit user preferences*

European Manufacturers New for 19.4

AFL – Alfa Romeo-Fiat-Lancia

New Systems Added:

- **Mito Turbo: Engine added (engine - ME 7.9.10 SDU CF5 1.4L)**

BMW

New Models Added:

- **5 models added with extensive ADAS, infotainment, chassis and power related system coverage**
 - 8-Series (G14/G15)
 - X3 (G01)
 - X4 (G02)
 - X5 (G05)
 - X2 (F39)
- **ADAS systems coverage include*:**
 - Active Cruise Control, All Around Vision Camera, Camera Based Driver Support System, Front Headlight Electronics, High-beam Assistant, Lane Change Warning and Parking Manoeuvrer Assistant
- **Infotainment systems coverage include*:**
 - Car Information Computer/Radio, Rear Seat Entertainment System and Video Module
- **Chassis and power electronic systems coverage include*:**
 - Tyre Pressure Monitoring, Vertical Dynamics Platform, Air Conditioning, Airbag, Antilock Brakes, Automatic Luggage Compartment, Body Domain Controller, Central Gateway Module, clear all codes read by code scan, clear all vehicle codes, Controller, Electromechanical Power Steering, Gear Selector Switch, Head Unit, Instrument Panel, Light Effect Manager, Rear Electronic Module Roof Function Centre, Seat Module, Selective Catalyst Reduction, service interval reset, Telematic Communication Box, Top HIFI Amplifier, Transfer Box, Transmission and Ethernet Switch

*The systems listed may not apply to every model

Model Year Update to 2018

New Systems Added:

- **Adaptive cruise control system added to 14 models**
- **Switched brake lines tests added to 24 models**

Citroen

New Systems Added:

- **Compressed Natural Gas (CNG)/ Liquefied Petroleum Gas (LPG) engines added**
 - C3 (Engine - MEV17.4.2)
 - Berlingo/C3 (Engine - SAX500_GNV and SAX500_GPL)
- **Signalling fuse box system added for the C4 Picasso and DS7**
- **Motorised boot system added for the C4 Picasso, DS7 and the C5 (X7)**

Fiat

New Models Added:

- **Panda Cross added:**
 - Engines include: 0.9L petrol and 1.3L diesel with codes, data and special functions
 - Extensive systems coverage includes:
 - Airbag, Anti-locking Brakes, Air Conditioning, Body Computer, Controlled Coupling, Convergence Telematics, Electric Power Steering, Instrument Panel and Proxy-alignment

Model Year Update to 2018

New Systems Added:

- 5 engines added across various Fiat models
 - Fiorino and Fiat Qubo Engine (Engine - MM9GFH CNG/LPG*)
 - Panda 169 (Bipower Engine - 5AF GAS 1.2L)
 - Punto Evo (Engine - Landi Renzo LC02)
 - Ducato 250 (Engine - IAW5SF4 CNG* 3.0L)
 - Ducato 250 FL (Engine - IAW 5SFH CNG* 3.0L)
- **3 systems added to the 500X**
 - Amplifier
 - Comfort Seat Wheel Module
 - Electronic Shifter
- **Electric Power Steering System added to the Seicento**

*Compressed Natural Gas (CNG). Liquefied Petroleum Gas (LPG).

Ford - European

- **Auto ID now added for all existing models between 2010-2018**

Jaguar

New Systems Added:

- **Driver's seat system added to various models**
 - F-Pace (X761: 2016-2018)
 - F-Type (X152: 2013-2015 and 2016-2018)
 - XE (X760: 2015-2018)
 - XF (X250: 2010-2015)
 - XF (X260: 2016-2018)
 - XJ (X351: 2010-2015 and 2016-2018)
 - X-Type (X400: 2006-2010)

- **Passenger's seat system added to various models**
 - F-Pace (X761: 2016-2018)
 - F-Type (X152: 2013-2015 and 2016-2018)
 - XE (X760: 2015-2018)
 - XF (X250: 2010-2015 and 2016-2018)
 - XJ (X351: 2016-2018)
 - XK (X150: 2010-2015)

- **2 systems added to the F-Type (X152 2013-2015)**
 - Rear Differential Control Module
 - Seat Modules

Land Rover and Range Rover

New Models Added:

- **Range Rover Velar (L560) added with extensive systems coverage**
 - Engines - 2.0L I4 Diesel, 2.0L GTDI Petrol, 3.0L V6 Diesel, 3.0L V6 Supercharged Petrol)

Model Year Update to 2018

New Systems Added:

- **7 engines added to various models in Land Rover including 2 Hybrid Electric Engines**
 - Range Rover (L405) (Engines - 2.0L I4 Diesel, 2.0L GTDI Petrol)
 - Range Rover Plug-In Hybrid Electric Vehicle (L405) (Engine - PHEV 2.0L Petrol)
 - Range Rover Sport (L494) (Engine - 2.0L I4 Diesel, 2.0L GTDI Petrol)
 - Range Rover Sport Plug-In Hybrid Electric Vehicle (L494) (Engine - PHEV 2.0L Petrol)
 - Discovery (L462) (Engine - 2.0L GTDI Petrol)

Mini

Model Year Update to 2018

Added Functionality for Existing Systems:

- **Switched Brake Lines tests added to 12 models:**
 - Clubman (R55)
 - Coupe (R56)
 - Convertible (R57)
 - Coupe (R58)
 - Countryman (R60)
 - Roadster (R59)
 - Paceman (R61)
 - Clubman (F54)
 - 5 Door (F55)
 - 3 Door (F56)
 - Convertible (F57)
 - Countryman (F60)

Mercedes-Benz

New Systems Added:

- **CNG engine added for B class 242**
- **Engine added for A class 169 and B class 245 2.0L Diesel (Engine - CDI4EU5)**
 - Including special functions: Injector Coding, Cylinder cut off, Diagnostic Glowing, Boost Pressure Regulator Test, Throttle Valve actuator test and adaptations
- **Rear Camera system added**
 - 117 CLA
 - 156 GLA
 - 166 ML
 - 218 CLS
 - 246 B
- **Electronic Parking Brake added for the V series 447.8**

Added Functionality for Existing Systems:

- **Headlamp LED coding now added**
 - E class 212 (Static only)
 - E class 213
 - C class 205
 - S class 221
 - GLC 253

*Compressed Natural Gas (CNG). Liquefied Petroleum Gas (LPG).

Opel - Vauxhall

New Models Added:

- **Grandland X added:**
 - Engines include: 1.2L petrol (LES), 1.5L T-diesel (LQJ), 1.5L T-diesel (LQP), 1.6L T-diesel (LDI), 1.6L T-diesel (LHI), 2.0L T-diesel (LCI)
 - Extensive systems coverage include:
 - Transmission, Antilock Brakes, Airbag, Body Control Module, Electrical Power Steering, Frontview Camera Module, Headlamp Control Module, HVAC, Instruments, Parking Assist, Radar Sensor Module - Long Range, Tyre Pressure Monitoring
- **Insignia B (2018) added:**
 - Engines include: 1.5L petrol (LFV), 1.6L diesel (LVL), 1.6L diesel (LWQ), 1.6L diesel (LXO), 2.0L diesel (LFO), 2.0L diesel (LFS), 2.0L petrol (LTG)
 - Extensive systems coverage include:
 - Transmission, Antilock Brakes, Airbag, Active Safety Control Module, Body Control Module, Camera System - Frontview, Headlamp Control Module, Heating Ventilation Air-conditioning, Instruments, Parking Assist Module, Power Steering Control Module, Radar Sensor Module - Long Range, Rear Differential Clutch Control Module, Side Object Detection Module - Left, Suspension Control Module, Tyre Pressure Monitor, Video Processing Control Module

Model Year Update to 2018

New Systems Added:

- **Parking brake module added to the Meriva B 2013 and 2014**
- **Antilock brakes and Electric power steering added to the Corsa E 2015-2018**

Added Functionality for Existing Systems:

- **Cylinder pressure pids added to the Insignia LBS engine 2009-2015**

Peugeot

New Systems Added:

- **CNG/LPG engines added**
 - 207/208 (Engine - MEV17.4.2)
 - Partner (Engine - SAX500_GNV and SAX500_GPL)
- **Motorised boot system added for the Peugeot 3008, 5008 and 508**

Renault

Model Year Update to 2018

New Systems Added:

- **Engine (LPG) module added with codes, data and actuator tests for:**
 - Clio IV 2014+
 - Clio IV 2014+
 - Kangoo II 2012+ (EU)

VAG - Volkswagen-Audi-Seat-Skoda

New Systems Added:

- **6 engines added for various VAG models**
 - CPWA 1.4 TGI
- **Lane Change Assistant / Blind Spot Monitor – CAN Protocol Variant and UDS Protocol**

Added Functionality for Existing Systems:

- **Brake Electronics Coding Ability with descriptive coding assistance**

USA Manufacturers

USA Manufacturers 19.4 Highlights:

- **2019 Model Year Updates - Buick[®], Cadillac[®], Chevrolet[®], GMC[®], Infiniti[®], Lexus[®], Mazda[®], Nissan[®], Subaru[®] and Toyota[®]**
- **Chrysler[®], Dodge[®], Jeep[®], RAM[®] Wheel alignment functions, as well as Custom Tire Size and Rear End Gear Programming**
- **Ford[®] and Lincoln[®] Side Obstacle Detection System Coverage Ford 2011 and newer Diesel Reductant Injector Cleaning**
- **Honda[®] and Acura[®] Blind Spot System coverage**
- **Hyundai[®] and KIA[®] 360 Camera coverage and 4-Wheel Drive Special Functions**
- **KIA 2015 and newer Power Tailgate Special Functions**
- **KIA Parking Guide Special Functions**

Chrysler / Dodge / Jeep / RAM

Added Functionality for Existing Systems:

- **Chrysler - Wheel Alignment:**
 - 2015-2018 - 200, Adaptive Cruise Control Module Alignment and Clear Steering Pull Compensation Procedure
 - 2007-2018 - 300, Adaptive Cruise Control Module Alignment/Calibration
- **Dodge - Wheel alignment:**
 - Wheel Alignment functions, as well as Custom Tire Size and Rear End Gear Programming for applicable vehicles
- **Dodge - 2015-2018:**
 - Adaptive Cruise Control Calibration
 - Challenger and Charger
- **Dodge - 2006-2018:**
 - Cummins diesel engine, Injector Balance PIDs
 - Pickup Trucks, Change Axle Gear Ratios
- **Jeep - Wheel Alignment:**
 - 2015-2018, Renegade, Steering Angle Sensor Calibration
 - 2014-2018, Cherokee, EPS Learn/Steering Pull Compensation Procedure
- **RAM - All Applicable Vehicles Change Tire Size Customizations**
- **RAM - 2006-2018, Pickup Trucks: Change Axle Gear Ratios**
- **NOTE: For full diagnostic capability of 19.4 software, Fiat-Chrysler Automobiles (FCA) Secure Gateway Access is required for most MY2018 and later vehicles.**

Ford - USA

New Systems Added:

- Side Obstacle Detection Left & Right Control Modules

Added Functionality for Existing Systems:

- **Power Balance Test and Display:**
 - 2013-2018:
 - C-MAX Hybrids and Plug-in Hybrids, 2.0L
 - Fusion Hybrids and Plug-in Hybrids, 2.0L
 - 2008-2010:
 - 6.0L Diesel
 - 6.4L Diesel
 - 2011-2018:
 - 6.7L Diesel
- **2011-2018, 6.7L Diesel, Reductant Injector Cleaning Test**

General Motors USA

Model Year Update to 2019

- Buick, Cadillac, Chevrolet and GMC – 2019 model year coverage

Infiniti USA

Model Year Update to 2019

Lexus USA

Model Year Update to 2019

Australian Component Test Meter*

- All new Australian CTM content added for 19.4! Includes additional new Australian model coverage for 5 makes and over 145 new model variants!
- New content for models between 2002 and 2018!
- Australian CTM receives a total increase of over 33% in engine test content with 19.4! Engine total systems count increases to 364,984 (from 272,616 in 19.2)!

New CTM Coverage Added:

- Ford Australia:

75.1% increase in Ford (AU) CTM engine test content with 19.4!

The Ford (AU) CTM engine test count expands to 73,397 (from 41,860) with 19.4!

- EcoSport BL 1.0L-T EcoBoost (2017 – 2018): Engine
- EcoSport BL 1.5L (2017 – 2018): Engine
- EcoSport BK 1.0L-T EcoBoost (2013 – 2017)
- EcoSport BK 1.5L (2013 – 2017)
- Escape ZG 1.5L-T EcoBoost (2018)
- Escape ZG 2.0L-T EcoBoost (2018)
- Escape ZG 2.0L-DT (2018)
- Escape ZD 2.3L (2008 – 2011)
- Escape ZB/ZC 2.3L (2006 – 2008)
- Escape ZB/ZC 3.0L (2006 – 2008)
- Everest UAII 2.0L-DT Bi-Turbo (2018)
- Everest UAII 3.2L-DT (2018)
- Everest UA 3.2L-DT (2018)
- Falcon FG-X 2.0L-T EcoBoost (2015 – 2016)
- Falcon FG-X 4.0L-T (2014 – 2016)
- Falcon FG-X 5.0L S/C (2014 – 2016)
- Falcon FG MKII 2.0L-T EcoBoost (2012 – 2014)
- Falcon FG / FG MKII (inc. Ute) 4.0L-LPG (2008 – 2010)
- Falcon FG / FG MKII (inc. Ute) 4.0L-T (2008 – 2014)
- Falcon FG (inc. Ute) 5.4L (2009 – 2010)
- Falcon/Fairmont/Ute/Wagon BF/BFII 4.0L (2009 – 2010)
- Falcon/Fairmont/Ute/Wagon BF/BFII 4.0L LPG (2006 – 2010)
- Falcon/Fairmont/Ute BF/BFII 4.0L-T (2005 – 2008)
- Falcon/Fairmont/Ute BF/BFII 5.4L 3 valve & BOSS (2005 – 2008)
- Fairlane/LTD BF 4.0L, 5.4L (3 valve) (2008)
- Fiesta WZ 1.0L-T EcoBoost (2018)
- Fiesta WZ 1.5L (2018)
- Focus LZ 1.5L-T EcoBoost (2015 – 2018)
- Focus LZ (ST) 2.0L-T EcoBoost (2015 – 2018)
- Focus LZ (RS) 2.3L-T EcoBoost (2016 – 2018)
- Focus LW 2.0L-GDI (2011 – 2012)
- Focus LS/LT/LV 2.5L-T (2006 – 2011)
- FPV FG - F6 4.0L-T (2008 – 2012)
- FPV FG - GT 5.0L S/C (2011 – 2014)

Australian Component Test Meter* (continued)

- **Ford Australia (continued):**
 - FPV BF / BFII - Tornado, Typhoon 4.0L-T (2006 – 2008)
 - FPV BF / BFII - GT,GT-P,Pursuit 5.4L BOSS (2006 – 2008)
 - Kuga TE 2.5L-T (2012)
 - Mondeo MD 2.0L-DT (2015 – 2018)
 - Mondeo MD 2.0L-T EcoBoost (2015 – 2018)
 - Mondeo MC 2.0L-DT (2011 – 2014)
 - Mondeo MC 2.0L-T EcoBoost (2011 – 2014)
 - Mondeo MC 2.3L (2011 – 2014)
 - Mondeo MA/MB 2.0L-DT (2010)
 - Mondeo MA/MB 2.3L (2007 – 2010)
 - Mondeo MA/MB 2.5L-T (2007 – 2010)
 - Mustang FN 2.3L-T EcoBoost (2018)
 - Mustang FN 5.0L (2018)
 - Ranger PX III 2.0L-DT Bi-Turbo (2018)
 - Ranger PX III 2.2L-DT (2018)
 - Ranger PX III 3.2L-DT (2018)
 - Ranger PX 2.5L (2011 – 2014)
 - Territory SY / SY MKII 4.0L-T (2006 – 2011)
- **Holden Australia:**
 - Trax TJ 1.8L (2H0) (2013 – 2018)

- **Honda Australia:**

287.9% increase in Honda (AU) CTM engine test content with 19.4!

The Honda (AU) CTM engine test count expands to 25,932 (from 6,685) with 19.4!

- Accord CR 2.4L (K24W3) (2017 – 2018)
- Accord CR 3.5L (J35Y3) (2013 – 2018)
- City GM 1.5L (L15Z1) (2014 – 2018)
- City GM 1.5L (L15A7) (2009 – 2013)
- Civic Hatch FK 1.5L-T (L15B7) (2017 – 2018)
- Civic Hatch FK 1.8L (R18Z1) (2017 – 2018)
- Civic Hatch FK (Type-R) 2.0L-T (K20C1) (2017 – 2018)
- Civic Hatch FK 1.8L (R18Z4) (2012 – 2016)
- Civic Sedan FC 1.5L-T (L15B7) (2016 – 2018)
- Civic Sedan FC 1.8L (R18Z1) (2016 – 2018)
- Civic Sedan FB 1.8L (R18Z1) (2012 – 2016)
- Civic Sedan FB 2.0L (R20A5) (2012 – 2016)
- Civic Sedan FD 1.3L-Hybrid (LDA2) (2006 – 2011)
- Civic Sedan FD 2.0L (K20Z2) (2006 – 2011)
- CR-V RW 1.5L-T (L15B7) (2017 – 2018)
- CR-V RM 2.0L (R20A5) (2012 – 2017)
- CR-V RD 2.4L (K24A1) 2005 - 2006 Y
- CR-Z ZF 1.5L Hybrid (LEA3) (2011 – 2015)
- Insight ZE 1.3L Hybrid (LDA3) (2010 – 2014)
- HR-V RU 1.8L (R18ZF) (2014 – 2018)
- Jazz GP 1.3L (LDA3) 2013 – 2014)

Australian Component Test Meter* (continued)

- **Honda Australia (continued):**
 - Jazz GK 1.5L (L15Z2) (2014 – 2018)
 - Jazz GE 1.3L (L13Z1) (2008 – 2014)
 - Jazz GE 1.5L (L15A7) (2008 – 2014)
 - Jazz GD 1.3L (L13A1) (2002 – 2008)
 - Jazz GD 1.5L (L15A1) (2002 – 2008)
 - Legend KB 3.7L (J37A2) (2008 – 2014)

- **Mitsubishi Australia:**

178.3% increase in Mitsubishi (AU) CTM engine test content with 19.4!

The Mitsubishi (AU) CTM engine test count expands to 42,994 (from 15,445) with 19.4!

- ASX XC FWD/4WD 2.0L (4B11) (2016 – 2017)
- ASX XC 4WD 2.2L-DT (4N14) (2016 – 2017)
- ASX XB FWD/4WD 2.0L (4B11) (2012 – 2016)
- ASX XB 4WD 1.8L-DT (4N13) (2012 – 2014)
- ASX XB 4WD 2.2L-DT (4N14) (2014 – 2016)
- ASX XA FWD/4WD 2.0L (4B11) (2010 – 2012)
- ASX XA 4WD 1.8L-DT (4N13) (2010 – 2012)
- Challenger PB/PC 2.5L-DT (4D56) (2013 – 2015)
- Challenger KH 2.5L-DT (4D56) (2009 – 2012)
- Colt RG 1.5L (4A91) (2005 – 2011)
- Colt RG Cabriolet 1.5L (4A91) (2006 – 2008)
- Colt RG Cabriolet 1.5L-T (4G15) (2006 – 2008)
- Colt RG Ralliart 1.5L-T (4G15) (2006)
- Grandis BA 2.4L (4G64) (2006 – 2010)
- Lancer / Lancer Sportback CF 2.0L (4B11) (2016 – 2017)
- Lancer / Lancer Sportback CF 2.4L (4B12) (2016 – 2017)
- Lancer / Lancer Sportback CJ 2.0L (4B11) (2007 – 2015)
- Lancer / Lancer Sportback CJ 2.4L (4B12) (2007 – 2015)
- Lancer CJ Evolution X 2.0L-T (4B11T) (2009 – 2015)
- Lancer CJ Ralliart 2.0L-T (4B11T) (2008 – 2015)
- Lancer Evolution IX 2.0L-T (4G63T) (2005 – 2007)
- Outlander ZK 4WD 2.2L-DT (4N14) (2015 – 2017)
- Outlander ZK 4WD 2.4L (4J12) (2015 – 2017)
- Outlander ZK FWD 2.0L (4J11) (2015 – 2017)
- Outlander ZJ 4WD 2.2L-DT (4N14) (2013 – 2015)
- Outlander ZJ 4WD 2.4L (4J12) (2013 – 2015)
- Outlander ZJ FWD 2.0L (4J11) (2013 – 2015)
- Outlander ZH 4WD 3.0L (6B31) (2011 – 2013)
- Outlander ZH FWD/4WD 2.4L (4B12) (2011 – 2012)
- Outlander ZG 2.4L (4B12) (2006 – 2010)
- Outlander ZG 3.0L (6B31) (2006 – 2010)
- Outlander ZF 2.4L (4G69) (2004 – 2006)
- Pajero NW 3.8L (6G75) (2011 – 2013)
- Pajero NT 3.8L (6G75) (2008 – 2011)
- Pajero NS 3.8L (6G75) (2006 – 2008)
- Pajero NP 3.8L (6G75) (2006)

Australian Component Test Meter* (continued)

- **Mitsubishi Australia (continued):**
 - Pajero Sport QE 2.4L-DT (4N15) (2015 – 2018)
 - Triton MN 2.4L (4G64) (2010 – 2015)
 - Triton ML 2.4L (4G64) (2007 – 2009)
 - Triton ML 3.2L-DT (4M41) (2006 – 2009)
 - Triton ML 3.5L (6G74) (2006 – 2009)
 - Triton MK 2.4L (4G64) (2002 – 2006)

- **Nissan Australia:**

60.2% increase in Nissan (AU) CTM engine test content with 19.4!

The Nissan (AU) CTM engine test count expands to 35,290 (from 22,016) with 19.4!

- 350Z Z33 3.5L (VQ35DE) (2005 – 2009)
- 350Z Z33 3.5L (VQ35HR) (2007 – 2009)
- Altima L33 2.5L (QR25DE) (2017)
- Altima L33 3.5L (VQ35DE) (2013 – 2017)
- Maxima J32 3.5L (VQ35DE) (2009 – 2012)
- Maxima J31 3.5L (VQ35DE) (2006 – 2009)
- Murano Z51 3.5L (VQ35DE) (2009 – 2015)
- Murano Z50 3.5L (VQ35DE) (2005 – 2009)
- Navara NP300 D23 2.3L-DT (YS23DDT) (2017 – 2018)
- Navara NP300 D23 2.3L-DTT (YS23DDTT) (2017 - 2018)
- Navara D22 2.5L-DT (YD25DDTi) (2007 – 2015)
- Pathfinder R52 2.5L-S/C Hybrid (QR25DER) (2014 – 2018)
- Pathfinder R52 3.5L VQ35DE (2013 – 2016)
- Pathfinder R51 2.5L-DT (YD25DDTi - 126kW) (2005 – 2009)
- Patrol Y62 5.6L VK56VD (2012 – 2018)
- Patrol Y61 3.0L-DT (ZD30DDTi) (2017)
- Patrol Y61 4.8L (TB48DE) (2006 – 2012)
- Pulsar B17 Sedan 1.6L-T (MR16DDT) (2017)
- Pulsar B17 Sedan 1.8L (MRA8DE) (2017)
- Pulsar C12 Hatch 1.6L-T (MR16DDT) (2017)
- Pulsar C12 Hatch 1.8L (MRA8DE) (2017)
- Qashqai J11 1.6L-DT (R9M) (2017)
- Qashqai J11 2.0L (MR20DD) (2017 – 2018)
- X-Trail T32 2.0L (MR20DD) (2017 – 2018)
- X-Trail T32 2.5L (QR25DE) (2017 – 2018)
- X-Trail T31 2.0L-DT (M9R) (2007)

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

[¶]European Troubleshooter available on VERUS[®] Family.

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

USA Component Test Meter and Troubleshooter*

Enhanced Component Test Meter Coverage – USA Highlights

- 2018 CTM coverage for many makes!
- Pinout coverage for Audi, BMW[®], Hyundai[®], Kia[®], Lexus[®], Mazda[®], Mercedes-Benz, Mercury[®], Mitsubishi[®], Subaru[®], Toyota[®] and Volkswagen
- Jeep 2018 model system coverage: ABS, Body Electrical, Charging System, ADAS, Engine, HVAC System, Starting System, Transmission
- Kia 2018 model system coverage: ABS, Body Electrical, Charging System, ADAS, Engine, HVAC System, Starting System, Transmission
- Mercedes-Benz and MINI[®] 1982-2017 Relative Compression Tests
- New ADAS components and tests for Ford, Lincoln and Mercury
- RAM 2018 model system coverage: ABS, Body Electrical, Charging System, ADAS, Engine, HVAC System, Starting System, Transmission
- RAM HVAC Systems coverage

USA Vehicle CTM Makes:

- **Bold** make text indicates new content for 19.4
- **Chrysler/Dodge/Jeep**
- **Ford**
- **General Motors**
- **Audi**
- **BMW**
- Honda/Acura
- **Hyundai**
- Infiniti
- **Jaguar**
- **Kia**
- **Land Rover**
- **Lexus**
- **Mazda**
- **Mercedes Benz**
- **Mini**
- **Mitsubishi**
- Nissan
- **Subaru**
- Suzuki
- **Toyota/Scion**
- **Volkswagen**
- Volvo

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

[^]European Troubleshooter available on VERUS[®] Family.

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

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

Enhanced Component Test Meter Coverage – European Highlights

New How to Classes Added:

- **10 Minute Internal Combustion Engine Class**
- **15 Minute Camshaft-Crankshaft Timing Class**
- **5 Minute Automotive Communication Network Classification Class**

New Case Studies Added:

- **Honda P0171: Fuel pump issue**
 - No engine start and communication faults
 - Communication fault on high speed CAN bus, resulting in network failure
- **Lexus P0303: False misfire issue**
 - Windscreen wipers inoperative
 - Communication fault on LIN(Local Interconnect Network) bus due to faulty CEM (Cylindrical Energy Module)

European Vehicle CTM Makes:

- **Bold** make text indicates new content for 19.4
 - Alfa Romeo
 - Audi
 - BMW
 - Citroen
 - Dacia
 - Fiat
 - Ford
 - **Honda**
 - **Hyundai**
 - Iveco
 - **Jaguar**
 - Kia
 - Land Rover
 - **Lexus**
 - Mazda
 - Mercedes
 - **Mini**
 - Nissan
 - Opel/Vauxhall
 - **Peugeot**
 - Porsche
 - **Renault**
 - Seat
 - Skoda
 - Smart
 - Toyota
 - Volkswagen
 - **Volvo**

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

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

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