

Version 5.0.1446.1

Overview - 2014 Domestic / Asian and 2013 European Release

The focus of this Domestic, Asian and European release:

- Add coverage for 2014 Model Year for Domestic and Asian, 2013 Model Year for European vehicles.
- Targeting systems, actuation and adjustment coverage for 1996-2010 for all OEM's (vehicles out of warranty).
- Maintaining the momentum on actuation and adjustment coverage improvements for all years.
- Giving priority to special functions required for Maintenance Tests that support critical service repairs.

Did You Know?:

The Genisys / Nemisys registration site address has changed! For future growth and user experience changes the website address to the registration site has changed to toolreg.servicesolutionsportal.com/. You can go to the site even after registration to check for any updates that may be available, download the updates and change registration information if you moved, changed email, etc.

New Vehicle Coverage:

This Asian Domestic and European update is a significant improvement to the product in terms of coverage years and actuation and adjustment capability. Coverage includes the following:

Coverage Highlights for newly added Model Years

Overview Domestic 2014

- Added coverage through 2014 for GM, Ford and Chrysler/Jeep
- Expanded systems coverage for many older Chrysler/Jeep and GM vehicles
- Expanded coverage for Ford Battery Monitor System Reset for 2011-2013 vehicles
- New coverage for Reprogram Injector Flow Rates for 2006-2014 Duramax diesels, required after replacing an injector
- Added coverage for 2,758 new vehicle-ECU combinations
- Added coverage for 1,962 new systems

- Added coverage for more than 1,524 new Actuation tests
- Added coverage for more than 267 new Adjustment tests
- 296 new Manufacturer specific descriptions for OBDII Mode 6 parameters
- Updated Repair Information for the following:
 - Repair-Trac fixes
 - Code-Assist Library confirmed fixes
 - DTC Circuit Description
 - DTC Possible Causes
 - Code Info
 - Data Item Circuit Description
 - Data Item Operating Ranges
 - Updated ABS Brake Bleed Procedures for all manufacturers
 - Updated Oil Light Reset Procedures for all manufacturers

Overview Asian 2014

- Added coverage through 2014 Model Year for all supported manufacturers
- Expanded ECU coverage for 2006-2013 Toyota/Lexus/Scion vehicles, including 4WD, ACCESSORY GATEWAY, ELECTRIC POWER STEERING, GATEWAY, IMMOBILIZER, POWER SOURCE CONTROL, SMART KEY, THEFT DETERRENT, REMOTE ENGINE STARTER, PRE-COLLISION and others
- Expanded ECU coverage for 2009-2013 Model Year Mazda vehicles
- Added coverage for 3,426 new vehicle-ECU combinations
- Added coverage for 558 new systems
- Added coverage for more than 535 new Actuation tests
- Added coverage for more than 38 new Adjustment tests
- 39 new Manufacturer specific descriptions for OBDII Mode 6 parameters
- Updated Repair Information for the following:
 - Repair-Trac fixes
 - Code-Assist Library confirmed fixes
 - Data Item Circuit Description - Toyota, Scion, Nissan, Infiniti, Honda, Acura, Mazda, Mitsubishi
 - Data Item Operating Ranges - Toyota, Nissan, Infiniti, Honda, Acura, Mazda, Mitsubishi
 - Updated ABS Brake Bleed Procedures for all manufacturers
 - Data Item Circuit Description
 - Updated Oil Light Reset Procedures for all manufacturers

Overview European 2013

- Coverage updated through 2013 model year for Audi, BMW, Fiat, Mini, Mercedes, Smart and Volkswagen.
- Expanded ECU coverage for 1996-2012 Model Year BMW vehicles
- Expanded ECU coverage for 1996-2012 Model Year VW/Audi vehicles
- VW/Audi vehicles now have all appropriate systems available to select per vehicle 1996-2013.
- New coverage for VW/Audi vehicle and system specific tests, such as DTC 01486 ESP Function Test for ABS, EPB Caliper Open and Close tests for PARKING BRAKE (53) and Key FOB Matching for CENTRAL CONVENIENCE (46)
- New coverage for VW/Audi UDS protocol Engine, Transmission and All Wheel Drive systems for 2009-2012 vehicles.
- Expanded ECU coverage for 1996-2012 Model Year Mercedes Benz vehicles
- New coverage for Mercedes 2011-2013 Sprinter vehicles
- New coverage for tests required when replacing the EHB module assembly on Mercedes Sensotronic Brake systems, including EHB Brake Bleed, EHB Deactivate, EHB Activate, Instructions
- Added coverage for 24,309 new vehicle-ECU combinations
- Added coverage for 1,094 new systems
- Added coverage for more than 284 new Actuation tests
- Added coverage for more than 168 new Adjustment tests
- 105 new Manufacturer specific descriptions for OBDII Mode 6 parameters
- Updated Repair Information for the following:
 - Repair-Trac fixes
 - Code-Assist Library confirmed fixes
 - Updated ABS Brake Bleed Procedures for all manufacturers
 - Updated Oil Light Reset Procedures for all manufacturers.

Overview Maintenance Tests

As the complexity of vehicle diagnostics continues to grow, vehicles are requiring routine maintenance tests, such as replacing brake system components, performing wheel alignments, TPMS sensor registrations, etc. For many technicians (especially non-scan tool savvy technicians) finding these tests within specific system controllers can be difficult at best, OEM's put these crucial tests into many controllers.

This critical test lookup has been added as a quick access function key from the controller screen of the selected vehicle. The function key is called "Maintenance". When selected the screen lists the controller(s) that contain the very important maintenance tests for the

selected vehicle. The list is live as per the selected vehicle, allowing the user quick access to these critical tests.

Maintenance tests are broken down into categories to aid the technician in speedy location of the correct controller.

Maintenance Test Categories are:

- TPMS Registration
- Service Light Reset
- Steering Service
- Brake Service
- Battery/Charging
- Suspension Service

In this release we continued focusing on developing these important tests for all supported OEM's, specific examples are:

- **BMW** - Battery Exchange Register, Calibrate Lateral Accel Sensor, Front Brake Zeroing, Inspection/Service Interval Reset, Oil Service Reset, Parking Brake tests, Rear Brake Zeroing, TPMS Registration
- **Chrysler/Jeep** - Alternator Field Control, ABS Brake Bleeds, Height Sensor Check, Set Ride Height Level, Steering Angle Sensor Calibration, TPMS Registration
- **Fiat** - Clear Steering Pull Compensation
- **Ford** - Automated Bleed, Battery Monitor System Reset, Battery Saver Relay, Calibrate Lateral Accel Sensor, Calibrate Longitudinal Accel Sensor, IVD Sensor Calibration, Yaw Rate Sensor Calibration
- **GM** - Brake Bleeds, Fuel Filter Life Reset, Oil Life Reset, Park Brake Cable Service Apply and Release, Power Steering Softstops Reset, Reset Trans Oil Life, Steering Angle Sensor, TPMS Registration
- **Honda** - ATF Reset, Oil Life Reset, Steering Angle Sensor Calibration, TPMS Registration
- **Hyundai** - Air Bleeding Mode, ASP Calibration, Pressure Sensor Calibration, Steering Angle Sensor, TPMS Registration, Wheel alignment procedure
- **Kia** - Electric Park Brake Actuator Control Apply and Release, Air Bleeding Mode, TPMS Registration
- **BMW** - Battery Exchange Register, Calibrate Lateral Accel Sensor, Front Brake Zeroing, Inspection/Service Interval Reset, Oil Service Reset, Parking Brake tests, Rear Brake Zeroing, TPMS Registration
- **Chrysler/Jeep** - Alternator Field Control, ABS Brake Bleeds, Height Sensor Check, Set Ride Height Level, Steering Angle Sensor Calibration, TPMS Registration

- **Fiat** - Clear Steering Pull Compensation
- **Ford** - Automated Bleed, Battery Monitor System Reset, Battery Saver Relay, Calibrate Lateral Accel Sensor, Calibrate Longitudinal Accel Sensor, IVD Sensor Calibration, Yaw Rate Sensor Calibration
- **GM** - Brake Bleeds, Fuel Filter Life Reset, Oil Life Reset, Park Brake Cable Service Apply and Release, Power Steering Softstops Reset, Reset Trans Oil Life, Steering Angle Sensor, TPMS Registration
- **Honda** - ATF Reset, Oil Life Reset, Steering Angle Sensor Calibration, TPMS Registration
- **Hyundai** - Air Bleeding Mode, ASP Calibration, Pressure Sensor Calibration, Steering Angle Sensor, TPMS Registration
- **Kia** - Electric Park Brake Actuator Control Apply and Release, Air Bleeding Mode, TPMS Registration
- **Mazda** - Automated Bleed, IVD Sensor Calibration, TPMS Registration
- **Mercedes** - Clear Maintenance Intervals, Electric Parking Brake tests, Suspension tests, TPMS Registration, EHB Brake Bleed
- **Mitsubishi** - All Sensor Calibration, Brake Bleeds, Steering Angle Sensor Calibration
- **Nissan** - ABS Bleeds, Steering Angle Sensor Calibration, TPMS Registration, Zero Point Calibration
- **Smart** - Alternator test
- **Toyota** - ABS Bleeds, Battery Current Sensor Initialization, Suspension tests, Torque Sensor Adjustment, TPMS Registration, Zero Point Calibration
- **Volvo** - Parking Brake service tests, Steering Angle calibration tests, Oil Light Reset tests, TPMS Registration, Battery Replacement and Battery Monitor Sensor Replacement
- **Audi** - EPB Caliper Open and Close

For a detailed view of the Maintenance Tests coverage per OEM go to <http://genisysotc.com/literature.php> and select the individual application guides.

IMPORTANT NOTE: These unique test and coverage functions go across thousands of vehicle models and car lines.

New Coverage - USA Domestic 2014 – 1996

New Expanded Systems Coverage and Special Tests for US Domestic vehicles added with focus on 2010 – 1996 vehicles. Special Tests include among others, actuator tests (bidirectional) and vehicle adjustments, like Steering Angle, TPMS, Brake Bleed, etc.

Domestic OEM Specific Information:

GM / Saturn Coverage

- Complete coverage added for 2014 Model Year vehicles
- Coverage added for 2005-2006 Colorado/Canyon Transfer Case
- New coverage for Reprogram Injector Flow Rates for 2006-2014 Duramax diesels, required after replacing an injector
- Improved coverage of HVAC and Instrument Panel tests
- 25 new Mode 6 GM specific descriptions
- 1,826 new vehicle-ECU combinations
- 1,541 new systems covered
- 792 new Actuation tests, including:
 - 4WD solenoids, motors and lamps
 - ABS solenoids, motors and lamps
 - Lamp tests
 - Fan tests
 - Air Pump tests
 - EGR tests
 - EVAP solenoids
 - EVAP Purge/Seal
 - Evap Service Bay
 - EVAP Service Test
 - Fuel Injector Balance
 - Fuel Pump tests
 - O2 Sensor Heater tests
 - Variable Camshaft tests
 - Cylinder Power Balance tests
 - IPC Gauge tests
 - Door and Seat tests
 - Hybrid/EV Battery tests
 - Park Brake Cable Apply/Release tests
 - Trans solenoids

- TCC tests
- Transmission Gear
- 160 new Adjustment tests, including:
 - APP Learn
 - Automated Brake Bleed
 - Brake Pedal Position Sensor Learn
 - Brake Pressure Sensor Calibration
 - CAN Bus Configuration Learn
 - Clear Pedal Softstops
 - Clear Trans Adaptives tests
 - Clear Window Learned Values
 - Clutch Pedal Position Learn
 - Configure New Module
 - Control Module Reset
 - Crankshaft Learn
 - DPF Service Regeneration
 - Fuel Composition Reset
 - Fuel Filter Life Reset
 - Fuel Trim Reset
 - HO2S Heater Learn
 - Hybrid/EV Battery Pack Capacity Learn
 - Hybrid/EV Battery Pack Coolant Control Solenoid Valve Learn
 - Hybrid/EV Battery Pack Data Reset
 - Idle Learn Reset
 - Learn Pedal Softstops
 - NOx Sensor Reset
 - Oil Life Reset
 - Park Brake Cable Replacement Procedure
 - Passenger Presence Sensor Learn
 - Power Steering Softstops Reset
 - Program Key Fob tests
 - Reductant Fluid Tank Level Reset
 - Reductant Injector Reset
 - Reductant System Data Reset
 - Reductant System Reset
 - Reprogram Injector Flow Rates
 - Reset Injection Value tests
 - Reset Transmission Adapts

- Setup New RCDLR
- Steering Angle Sensor Centering
- Steering Wheel Angle Sensor Learn
- Tire Pressure Sensor Registration
- Transmission Adaptive Pressure Reset
- Transmission Adaptive Values Learn
- Vehicle Direction Camera Learn
- Yaw Rate Sensor Learn
- Yaw Rate Sensor Recalibration

Ford Coverage

- Complete coverage added for 2014 Model Year vehicles
- Expanded coverage for Battery Monitor System Reset for 2011-2013 vehicles
- 6 new Mode 6 Ford specific descriptions
- 486 new vehicle-ECU combinations
- 273 new systems covered
- 291 new Actuation tests, including:
 - Trans solenoids
 - 4WD solenoids, motors and lamps
 - ABS solenoids, motors and lamps
 - Lamp tests
 - Fan tests
 - Injectors
 - Fuel Pump
 - EVAP system tests
 - Variable Camshaft Actuator tests
 - O2 Sensor Heater tests
 - Power Balance tests
 - Relative Compression
 - IPC Gauge tests
 - HVAC tests
 - Turbo tests
 - Door and Seat tests
 - Hybrid/EV Battery tests
- 9 new Adjustment tests, including:
 - Allow Central Configuration Data Parameter (CDP) Learning
 - Brake Bleeds
 - Battery Monitor System Reset

- Calibrate Longitudinal Acceleration Sensor
- Diesel Particulate Filter Regeneration Suspension
- Reset KAM
- SCR Dosing Quantity Measurement
- SCR Fast Refill Strategy
- Yaw Rate Sensor Calibration

Chrysler / Jeep Coverage

- Complete coverage added for 2014 Model Year vehicles
- Coverage added for 2003-2004 Dakota Airbag
- New Injector Kill (All Cylinders) test for Cummins diesel engines
- Added Burn Time parameter for 2005-2009 COP ignition systems
- Added Adaptive Numerator parameter for 2008-2013 vehicles
- Improved coverage of tests for GPEC2 PCM systems, for 2007-2010 Sebring/Avenger, Patriot, Journey, Caliber 4 cylinder vehicles
- 265 new Mode 6 Chrysler specific descriptions
- 446 new vehicle-ECU combinations
- 148 new systems covered
- 424 new Actuation tests, including:
 - Compression Test
 - Transmission Clutch and Solenoid tests
 - 4WD solenoids
 - ABS solenoids
 - Indicator Lamp tests
 - Fan tests
 - Injectors
 - DEF Dosing Injection Quantity
 - DPF Reset Option
 - ETC Throttle Follower Test
 - EVAP system tests
 - Fuel Injector tests
 - Fuel Pump
 - O2 Sensor Heater tests
 - Ignition Coil tests
 - Read VIN
 - Gauge tests
 - IPC Self Test
 - Door and Seat tests

- 93 new Adjustment tests, including:
 - Brake Bleeds
 - Brake Pedal Calibration
 - ELSD Quicklearn
 - Emissions Rolls Test Mode
 - Exhaust Phaser Cleaning
 - HVAC Actuator Calibration Test
 - Initialize ABS
 - Initialize ORC
 - Intake Phaser Cleaning
 - Learn ETC
 - Longitudinal G Sensor Calibration
 - Mass Air Flow Sensor Initialization
 - OCM System Verification Test
 - Oil Life Reset
 - Read Pinion Factor
 - Set Pinion Factor
 - Reset Adaptive Values
 - Reset After Replacement Of Lambda Sensor
 - Reset Memory
 - Reset of Lambda Values
 - Reset SCR Mileage Counter to 200 Miles
 - SCR DEF Tank Fluid Level Filter Reset
 - SCR System After ECU Replacement Procedure
 - SCR System Dosing Module Replacement
 - SCR System Tank or Pump Replacement
 - Transmission Quicklearn tests
 - Tire Pressure Sensor Registration
 - Write VIN

New Coverage - USA Asian 2014 – 1996

Powerful Asian diagnostics coverage also includes expanded system coverage and Special Tests. Special focus on the 2010 – 1996 model years.

Asian OEM Specific Information:

Honda Coverage

- Complete coverage added for 2014 Model Year vehicles
- New coverage for 2003-2014 Immobilizer and 2005-2014 Smart Keyless Entry modules, and Electronic Brake Vacuum Pressure Module
- 547 new vehicle-ECU combinations
- 66 new systems covered
- 10 new Actuation tests covered, including:
 - ECU Activation
 - Headlight Backup
 - Interior Light
 - Left Turn Signal Lamp
 - Rear Differential Air Purge
 - Rear Differential Oil Pressure Sensor Check
 - Rear Washer Motor
 - Right Turn Signal Lamp
 - TPMS Warning Light
 - Unlock Trunk
- 7 new Adjustment tests, including:
 - Crank Pattern Learning
 - Differential Torque Setup
 - Longitudinal G Sensor Neutral Point Learn
 - Tire Pressure Sensor Registration

Toyota Coverage

- Complete coverage added for 2014 Model Year vehicles
- Expanded ECU coverage for 2006-2013 Toyota/Lexus/Scion vehicles, including 4WD, ACCESSORY GATEWAY, ELECTRIC POWER STEERING, GATEWAY, IMMOBILIZER, POWER SOURCE CONTROL, SMART KEY, THEFT DETERRENT, REMOTE ENGINE STARTER, PRE-COLLISION and others
- 25 new Mode 6 Toyota specific descriptions
- 1,533 new vehicle-ECU combinations
- 83 new systems covered
- 32 new Actuation tests covered, including:
 - Light tests
 - Lamp tests

- Cooling Fan tests

Nissan Coverage

- Complete coverage added for 2014 Model Year vehicles
- 8 new Mode 6 Nissan specific descriptions
- 368 new vehicle-ECU combinations
- 42 new systems covered
- 1 new Adjustment tests, including:
 - Clear E-VTC Op Learned Deviation Angle

Hyundai Coverage

- Complete coverage added for 2014 Model Year vehicles
- New coverage for AROUND VIEW MONITOR, BLIND SPOT DETECTION, SMART CRUISE CONTROL
- 228 new vehicle-ECU combinations
- More than 162 new systems covered
- 494 new Actuation tests covered, including:
 - Trans solenoids
 - ABS solenoids
 - Lamp tests
 - Fan tests
 - Fuel Pump tests
 - Variable Camshaft tests
 - EVAP tests
 - Injector tests
 - O2 Sensor Heater tests
 - HVAC tests
 - Gauge tests
 - Door and Seat tests
- 23 new Adjustment tests, including:
 - Additive Correction for O2 Sensor Heaters
 - Air Bleeding Mode
 - Auto Detected Configuration Reset
 - Engine Test Off/On
 - Longitudinal G sensor calibration
 - Lateral G Sensor Initialization
 - Oxygen Sensor Test

- PCM Auto Detection Reset
- Pressure Sensor Calibration
- Reset Adaptive Values
- Tire Pressure Sensor Registration
- Wheel alignment procedure
- Write VIN

Kia Coverage

- Complete coverage added for 2014 Model Year vehicles
- New coverage for AROUND VIEW MONITOR, BLIND SPOT DETECTION, SMART CRUISE CONTROL
- 173 new vehicle-ECU combinations
- 117 new systems covered
- 352 new Actuation tests covered, including:
 - Trans solenoids
 - ABS solenoids
 - Lamp tests
 - Fan tests
 - Fuel Pump tests
 - EVAP tests
 - Injector tests
 - O2 Sensor Heater tests
 - HVAC tests
 - Gauge tests
 - Door and Seat tests
- 20 new Adjustment tests, including:
 - Additive Correction for O2 Sensor Heaters
 - Air Bleeding Mode
 - Auto Detected Configuration Reset
 - Engine Test Off/On
 - Longitudinal G sensor calibration
 - Oxygen Sensor Test
 - TEC learn
 - Tire Pressure Sensor Registration
 - Wheel alignment procedure
 - Write VIN

Mazda Coverage

- Complete coverage added for 2014 Model Year vehicles
- Expanded ECU coverage for 2009-2013 Model Year Mazda vehicles
- 6 new Mode 6 Mazda specific descriptions
- 88 new vehicle-ECU combinations
- 51 new systems covered
- 2 new Actuation tests covered, including:
 - Floor Lamp Output Circuit
 - Malfunction Indicator Lamp

Mitsubishi Coverage

- Complete coverage added for 2014 Model Year vehicles
- 52 new vehicle-ECU combinations
- 37 new systems covered
- 51 new Actuation tests covered, including:
 - Trans solenoids
 - ABS solenoids
 - Lamp tests
 - Fan tests
 - Fuel Pump tests
 - EVAP tests
 - Injector tests

New Coverage - USA European 2013 – 1996

This European update is a significant improvement to the European product in terms of coverage years and actuation and adjustment capability. The focus of this European release, like Domestic / Asian, was to significantly improve the actuation (bidirectional tests) and service adjustment tests coverage with special focus on the 2010 – 1996 model years.

European OEM Specific Information:

Audi Coverage

- Coverage updated through 2013 Model Year.
- New coverage for UDS protocol Engine, Transmission and All Wheel Drive systems for 2009-2012 vehicles.
- Expanded ECU coverage for 1996-2012 Model Year Audi vehicles

- Audi vehicles now have all appropriate systems available to select per vehicle 1996-2013.
- New coverage for Audi vehicle and system specific tests, such as DTC 01486 ESP Function Test for ABS, EPB Caliper Open and Close tests for PARKING BRAKE (53) and Key FOB Matching for CENTRAL CONVENIENCE (46)
- 7,547 new vehicle-ECU combinations.
- 264 new systems covered.
- 68 new Activation tests, including:
 - Controller Information
 - Cylinder Head Coolant Valve
 - Cylinder Pressure Sensor Check
 - Diesel Particulate Filter
 - DTC 01486 ESP Function Test
 - EGR Cooler Bypass Valve
 - Evap Purge Valve Functional Check
 - Evap System Pressure Check
 - Evaporative Emission(EVAP)Canister Purge Regulator Valve
 - Exhaust Gas Recirculation
 - Fuel Injector
 - Fuel Injector
 - Intake Manifold Runner Flap
 - Leak Detection Pump
 - Misfire Monitor
 - NOx Sensor tests
 - Oil Pressure Regulation Valve
 - Oxygen Sensor tests
 - Pre Fuel Pump
 - Rail Pressure Reduction
 - Reductant Pump
 - SCR system tests
- 66 new Adjustment tests, including:
 - Adaption Of Clutch Slip Points
 - Auto Trans Kick-Down(ECM)
 - Calibration of clutch valves
 - Calibration Of Gear Selector Movement Sensors
 - Calibration Of Main Pressure Valve
 - Diesel Particulate Filter Regeneration

- EPB Caliper Close and Open tests
- First Filling Of Fuel System
- Intake Camshaft Adjustment Bank 1
- Key FOB Clearing and Matching tests
- Key Matching by Immobilizer
- Quickstart - Kick Down Adaption
- Regeneration Of Exhaust Gas Recirculation Cooler
- Reset After Replacement Of Diesel Particulate Filter
- Reset After Replacement Of Differential Pressure Sensor
- Reset After Replacement Of Lambda Sensor
- Reset After Replacement Of Oxidation Catalytic Converter
- Reset of Adaption Values
- Reset Of Combustion Chamber Pressure Sensor Adaption
- Reset Of Reductant System Adaption
- Reset Of SCR Restriction Counter
- Reset Of SCR Tank Level Sensing
- SCR Metering Quantity Test
- Throttle Body Alignment
- Throttle Position Adaptation

BMW Coverage

- Coverage updated through 2013 Model Year.
- Expanded ECU coverage for 1996-2012 Model Year BMW vehicles
- 2,273 new vehicle-ECU combinations.
- 132 new systems covered.
- 35 new Activation tests, including:
 - CCG Operation
 - Electric Fuel Pump module Fuel Pump and Fuel Pump Timeout tests
 - Instrument Cluster Indicator Control and Light tests
 - Quick Tests
 - Stepper Motors Self Test
 - VANOS Inlet
- 10 new Adjustment tests, including:
 - Battery Exchange Register
 - CAN Learning Messages Reset
 - Perform control-module reset

Mercedes Coverage

- Coverage updated through 2013 Model Year.
- New coverage for 2011-2013 Sprinter vehicles
- Expanded ECU coverage for 1996-2012 Model Year Mercedes Benz vehicles
- New coverage for tests required when replacing the EHB module assembly on Mercedes Sensotronic Brake systems, including EHB Brake Bleed, EHB Deactivate, EHB Activate, Instructions
- HVAC coverage added for all Model Year Mercedes Benz vehicles.
- 55 new Mode 6 Mercedes specific descriptions
- 10,105 new vehicle-ECU combinations.
- 368 new systems covered.
- 38 new Activation tests, including:
 - EHB Instructions
 - EHB Activate and Deactivate tests
 - Air Conditioning tests
 - Exhaust Camshaft Solenoid
 - Intake Camshaft Solenoid
 - Fuel Injector(s)
 - Fuel Pump
 - Purging Switchover Valve
 - Rail Pressure Reduction
- 4 new Adjustment tests, including:
 - EHB Brake Bleed
 - Heating new flap learning

Mini Coverage

- Coverage updated through 2013 Model Year.
- 28 new vehicle-ECU combinations.
- 7 new systems covered.
- 11 new Activation tests, including:
 - Electric Fuel Pump module Fuel Pump and Fuel Pump Timeout tests
 - Pressure-Control Valve SLU
 - ShiftLock
 - Instrument Cluster Indicator Control and Light tests
 - Quick Tests
 - Solenoid Valve tests

- VANOS Inlet

Volkswagen Coverage

- Coverage updated through 2013 Model Year.
- New coverage for UDS protocol Engine, Transmission and All Wheel Drive systems for 2009-2012 vehicles.
- Expanded ECU coverage for 1996-2012 Model Year Volkswagen vehicles
- Volkswagen vehicles now have all appropriate systems available to select per vehicle 1996-2013.
- 2 new Mode 6 Volkswagen specific descriptions
- New coverage for Volkswagen vehicle and system specific tests, such as DTC 01486 ESP Function Test for ABS, EPB Caliper Open and Close tests for PARKING BRAKE (53) and Key FOB Matching for CENTRAL CONVENIENCE (46)
- 4,345 new vehicle-ECU combinations.
- 295 new systems covered.
- 98 new Activation tests, including:
 - Controller Information
 - Cylinder Head Coolant Valve
 - Cylinder Pressure Sensor Check
 - Diesel Particulate Filter
 - DTC 01486 ESP Function Test
 - EGR Cooler Bypass Valve
 - Evap Purge Valve Functional Check
 - Evap System Pressure Check
 - Evaporative Emission(EVAP)Canister Purge Regulator Valve
 - Exhaust Gas Recirculation
 - Fuel Injector
 - Fuel Injector
 - Intake Manifold Runner Flap
 - Leak Detection Pump
 - Misfire Monitor
 - NOx Sensor tests
 - Oil Pressure Regulation Valve
 - Oxygen Sensor tests
 - Pre Fuel Pump
 - Rail Pressure Reduction
 - Reductant Pump

- SCR system tests
- 82 new Adjustment tests, including:
 - Adaption Of Clutch Slip Points
 - Auto Trans Kick-Down(ECM)
 - Calibration of clutch valves
 - Calibration Of Gear Selector Movement Sensors
 - Calibration Of Main Pressure Valve
 - Diesel Particulate Filter Regeneration
 - EPB Caliper Close and Open tests
 - First Filling Of Fuel System
 - Intake Camshaft Adjustment Bank 1
 - Key FOB Clearing and Matching tests
 - Key Matching by Immob
 - Quickstart - Kick Down Adaption
 - Regeneration Of Exhaust Gas Recirculation Cooler
 - Reset After Replacement Of Diesel Particulate Filter
 - Reset After Replacement Of Differential Pressure Sensor
 - Reset After Replacement Of Lambda Sensor
 - Reset After Replacement Of Oxidation Catalytic Converter
 - Reset of Adaption Values
 - Reset Of Combustion Chamber Pressure Sensor Adaption
 - Reset Of Reductant System Adaption
 - Reset Of SCR Restriction Counter
 - Reset Of SCR Tank Level Sensing
 - SCR Metering Quantity Test
 - Throttle Body Alignment
 - Throttle Position Adaptation

Volvo Coverage

- New coverage for Battery Replacement and Battery Monitor Sensor Replacement tests, required after replacing the battery, for 2011-2012 S60, 2009-2012 S80, 2009-2010 V70, 2010-2012 XC60, 2009-2012 XC70 models

Smart Coverage

- Coverage updated through 2013 Model Year.
- 11 new vehicle-ECU combinations
- 11 new systems covered.

Vehicle Coverage Details Asian, Domestic and European by OEM

In this release the coverage chart was made even more detailed, breaking out the coverage to each model year, and adding in Repair Information reporting.

For a detailed view of the coverage per OEM go to <http://genisysotc.com/literature.php> and select the individual application guides.

Engineering & Technician Reported Defect Fixes & Improvements:

- Improved Mercedes KW2000 communication.
- Improved the GM injector coding test to display the code correctly
- Added bi-directional tests for 1993-2002 Mercury Villager.
- Added support to display standard (PBCU) DTC for Volkswagen/Audi.
- Enhanced the ECU identification for Volkswagen/Audi.
- Enhanced Read DTC's for multiple Honda ABS systems.
- Updated Chrysler Cylinder Performance Test to exit normally.
- Updated PID identification on Hyundai/Kia CAN systems. Will notice more relevant PIDs.
- Updated security across the board for bi-directional test. This should enhance the bi-directional test experience.
- Improved communication on some Ford 14229 systems.

Next Release:

Focused on expansion of vehicle coverage, repair information, out of warranty years tests and continued software improvements. Most importantly, listening to our customers to add the fixes, functions and features requested.

Thank you for your patronage!