



## Overview of European 2010 Release

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 was on significantly improving the actuation (bidirectional tests) and service adjustment tests coverage for all years and also on improving the coverage on previous years as well as updating the system support to model year 2010.

For a detailed view of the coverage per OEM go to <http://genisysotc.com/literature.php> and select "Genisys USA 2010 European Vehicle Applications Guide".

### *Coverage Improvements by the Numbers*

- Added coverage through 2010 for all supported manufacturers
- Added coverage for 784 new systems
- Added coverage for 7,782 new Vehicle-ECU combinations
- Added 205 new Adjustment tests
- Updated Oil Light Reset Procedures for all supported manufacturers.

### *Coverage by System*

Below is a sample of the vehicle models and systems covered in the new USA European 2010 release. More models and systems may be available. See Genisys USA 2010 European Vehicle Applications Guide for details.

**Audi Models:** 100, 200, 4000, 5000, 80, 90, A3, A4, A5, A6, A8, R8, RS4, RS6, S4, S5, S6, S8, TT, Q5, Q7, V8, Cabriolet, Quattro, Allroad, Avant

**Systems / ECU:** Engine, Trans, ABS, Airbag, Auto HVAC, Automatic Light, ACC / Start Auth, All Wheel Drive, Analog Clock, Anit Slip, Auto Dist Reg, Auto Roof, Aux Fuel Tank, Auxiliary Heat, Backup Camera, Battery Charger, Battery Regulation, Brake Assist, Brake Booster, CAN Gateway, Central Convenience, Central Electronics, Central Locks, Chip Card Reader, Clutch, Compass, Control Head, DAB Tuner, Data Transfer, Diesel Pump, Differential Locks, Digital Radio, Digital TV, Door Electronics, Driver Identification, DSP, Electric Drive, Information Electronics, Body, Intercom, Instrument, Immobilizer, Interior Monitor, Keyboard, Lane Maintain, Level Control, Media Player, Navigation, Night Vision, Operations, Position Sensing, PRE – AFS, Radio, Rear Infotainment, Rear Spoiler, Roof Electronics, Satellite Tuner, Seats, Secondary Air Heating, Selector Lever, Sliding Door, Sound System, Steering Angle, Steering Assist, Steering Wheel, Suspension, Telematics, Telephone, Tow Protection, Truck Electronics, Voice Control, Wipers, Xenon Range, Climate Control, TPMS, Chassis Control, Park Assist, Parking Brake, Stabilizers

**Release Notes Version**

**BMW Models:** 1-Series, 3-Series, 5-Series, 6-Series, 7-Series, 8-Series, Alpina, M3, M5, M6, X3, X5, X6, Z3, Z4, Z8

**Systems / ECU:** Engine, Trans, Adaptive Trans, ABS, Airbag, TPMS, ASC MK4G, DSC, Central Body Elect IV, Central Locking Module, Cruise Control, Instrument, Deflation Warning System, Drivers Seat Memory, Passenger Seat Memory, Entry Driver, Entry Passenger, Light Check Module, Mirror Memory, Navigation, Radio, Rain Sensor, Sun Roof, Wide Screen Board Monitor, Xenon Lights, Center Console, Soft Top Module, Advance Lights Module, Booster, Central Body Module, Multi Info Display, Air Suspension, Security Unit, Trunk Lid Module, Disconnect Switch, Video Module, Check Control Module, Electronic Damper Control, Lamp Control, Occupant Classification, Base Module, Climate Control, Theft Alarm, Park Distance, Park Heating

**Mercedes Models:** 190, 300, 400, 500, 600, C-Class, CLK, CLS, CL, E-Class, GL, G-Class, M-Class, R-Class, S-Class, SLK, SLR, SLS, SL

**Systems / ECU:** Engine, Trans, ABS, Airbag, Anti-Theft, Auto Locking Differential, Diagnostic Module, IR REM CNTRL LCK, RF REM CNTRL LCK, Accel Slip Regulation, Electronic Ignition Switch, Electronic Stability Program, Electronic Gear Selection, Parking, Stationary Heater, Climate Control, Steering Wheel Climate Control, Climate Control Rear, Combi Module, Electronic Accelerator, Brake Assist, Electronic Hydraulic Brake, Electronic Park Brake, Sensotronic Brake Control, Intelligent Servo Module, Intelligent Cruise Control, 7G-Tronic CAN HS, Central Gateway, System Diagnose, Easy Shift Electronic, Vacuum Pump, Weight Sensing System, TPMS, ASSYST Plus, Fuel System Control Module, Occupant Class Module, Occupant Restraint Control, Active Body Control, Air Suspension, Distribution Gearbox, Diff Lock Control, Drive Authorization Module, Security Module, Fuel Pump Control Module, Instrument, Battery Control Module, Parking

**MINI Models:** Cooper

**Systems / ECU:** Engine, Trans, ABS, Airbag, TPMS

**Volkswagen Models:** Cabrio, Cabriolet, CC, Corrado, Eurovan, EOS, Fox, Golf, GTI, Jetta, New Jetta, New Beetle, Passat, Phaeton, R32, Rabbit, Routan, Tiguan, Touareg

**Systems / ECU:** Engine, Trans, ABS, Airbag, Auto HVAC, Automatic Light, ACC / Start Auth, All Wheel Drive, Analog Clock, Anit Slip, Auto Dist Reg, Auto Roof, Aux Fuel Tank, Auxiliary Heat, Backup Camera, Battery Charger, Battery Regulation, Brake Assist, Brake Booster, CAN Gateway, Central Convenience, Central Electronics, Central Locks, Chip Card Reader, Clutch, Compass, Control Head, DAB Tuner, Data Transfer, Diesel Pump, Differential Locks, Digital Radio, Digital TV, Door Electronics, Driver Identification, DSP, Electric Drive, Information Electronics, Body, Intercom, Instrument, Immobilizer, Interior Monitor, Keyboard, Lane Maintain, Level Control, Media Player, Navigation, Night Vision, Operations, Position Sensing, PRE – AFS, Radio, Rear Infotainment, Rear Spoiler, Roof Electronics, Satellite Tuner, Seats, Secondary Air Heating, Selector Lever, Sliding Door, Sound System, Steering Angle, Steering Assist, Steering Wheel, Suspension, Telematics, Telephone, Tow Protection, Truck Electronics,



Voice Control, Wipers, Xenon Range, Climate Control, TPMS, Chassis Control, Park Assist, Parking Brake, Stabilizers

**Volvo Models:** 850, 940, 960, C30, C70, S40, S60, S70, S80, S90, V40, V50, V70, V90, XC60, XC70, XC90

**Systems / ECU:** Engine, Trans, Airbag, ABS, Accessory Electronic Module, Central Electronic Module, Climate Control Unit, Driver Door Module, Driver Information Module, Passenger Door Module, Electronic Power Steering, Keyless Vehicle Module, Steering Wheel Module, Combined Instrument, Combustion Preheater Module, Immobilizer, Power Seat Modules, Rollover Protection, Steering Angle Sensor, Differential Electronic Module (AWD), Suspension Module, Upper Electronic Module, Brake Control Module, Park Brake Module,

*Note: Systems shown may not apply to all models covered.*

## Vehicle Coverage by OEM

### **Audi Coverage**

- Coverage updated through 2010 model year.
- 146 new systems covered.
- 1422 new Vehicle-ECU combinations.
- 23 new Adjustment tests
- Test functionality that includes:
  - (03) Output Tests
  - (04) Basic Settings
  - (07) Controller Coding
  - (10) Adaptation
  - (11) Coding II

### **BMW Coverage**

- Coverage updated through 2010 model year.
- Added for the first time UDS protocol, with DTC Sub Faults information (ISO-14229)
- Added TPMS ECU Support: 2000-2010
- Greatly increased Data Item coverage on new systems and some previously released systems.
- Added support for AIRBAG from 2006-2010.
- Added 52 new systems.
- Added 796 new Vehicle-ECU combinations.
- Added major coverage update to both actuations and adjustments.



- 663 new Actuation tests, including:
  - Fan(s)
  - Fuel Injector(s)
  - Fuel Pump
  - Fuel Tank Vent Valve(s)
  - Oxygen Sensor Heater(s)
  - Shift Solenoid(s)
  - VANOS Inlet/Exhaust
- 72 new Adjustment tests, including:
  - Battery Exchange Register
  - Front Brake Zeroing
  - Rear Brake Zeroing
  - Inspection/Service Interval Reset
  - Oil Service Reset
  - Steering Angle Sensor

### ***Mercedes Coverage***

- Coverage updated through 2010 model year.
- Added for the first time the ability to clear DTC on SRS\AIRBAG for CAN and KWP systems covering 2003-2010 vehicles.
- Added for the first time Data Item support for AIRBAG for CAN and KWP systems covering 2006-2010.
- Added for the first time UDS protocol, with DTC Sub Faults information (ISO-14229)
- Added new coverage for TPMS systems 2000-2010.
- Added “Tire Pressure Sensor Registration” test support for Mercedes.
- Added 65 new systems.
- Added 1302 new Vehicle-ECU combinations.
- Added major coverage update to both actuations and adjustments.
  - 242 new Actuation tests, including:
    - Compression Test
    - Fuel Injector(s)
    - EGR Control
    - Evaporative System Leak Check
    - EVAP Purge Control
    - Fuel Pump
    - Shift Solenoid(s)
    - Variable Cam Intake/Exhaust Solenoid(s)
  - Added 35 critical Adjustment tests, including:
    - Maintenance Resets
    - Injectors Zero Point Learn



- Reset Mixture Adaptation
- Reset Steering Angle Calibration
- Reset Throttle Valve Adaptation

### ***Mini Coverage***

- Coverage updated through 2010 model year.
- Added TPMS support: 2002-2010.
- Greatly increased Data Item coverage on new systems and some previously released systems.
- Added support for AIRBAG from 2006-2010.
- Added 8 new systems.
- Added 113 new Vehicle-ECU combinations.
- Added 45 new Actuation tests, including:
  - Fan
  - Fuel Pump
  - Fuel Tank Vent Valve(s)
  - Oxygen Sensor Heater(s)

### ***Volkswagen Coverage***

- Coverage updated through 2010 model year.
- Added for the first time coverage for the Routan.
- Added warning message for after-market radio installation.
- Added 131 new systems.
- Added 1028 new Vehicle-ECU combinations.
- Added 535 new Activation tests.
- Added 52 new Adjustment tests
- Test functionality that includes:
  - (03) Output Tests
  - (04) Basic Settings
  - (07) Controller Coding
  - (10) Adaptation
  - (11) Coding II



## **Volvo Coverage**

- Coverage added through 2010 model year.
- Added for the first time UDS protocol, with DTC Sub Faults information (ISO-14229)
- Greatly improved coverage (added support for default DPN) to all previous years 1999-2005. Note: 2006-2008 was the first year we added support for default DPN, so now this enhanced support is for all years 1999-2010
- Added new coverage for TPMS systems 2004-2010.
- Added “Tire Pressure Sensor Registration” test support for Volvo.
- Added 382 new systems.
- Added 3029 new Vehicle-ECU combinations.
- Added major coverage update to both actuations and adjustments.
  - 430 new Actuation tests, including:
    - EVAP Purge Control
    - Fan(s)
    - Fuel Injector(s)
    - Fuel Pump
    - Shift Solenoid(s)
    - Variable Cam Intake/Exhaust Solenoid(s)
  - 23 new Adjustment tests, including:
    - Lateral Accel Calibration
    - Longitudinal Accel Calibration
    - Service Light Reset
    - Steering Angle Calibration
    - Tire Pressure Sensor Registration
    - Yaw Rate Calibration



**Release Notes Version**

**Genisys Revision Level of this Release**

4.0.1120.1

**Genisys European Software Kits**

The European 2010 coverage is available in the following NEW Genisys USA European 2010 Software Update and Starter Kits



**USA 2010 European Software Update Kit**

OEM based European enhanced coverage software for select European manufacturers: Audi, BMW, Mercedes-Benz, Mini Cooper, Volvo, and Volkswagen. Kit includes NGIS software installation CD and Smart Card.

**No. 3421-128** – USA 2010 European Software Update Kit.



**USA 2010 European Starter Kit with OEM Cables**

OEM based European enhanced coverage software and cables in a single kit! This starter kit allows you to service select European manufacturers: Audi, BMW, Mercedes-Benz, Mini Cooper, Volvo, and Volkswagen. Kit includes NGIS software installation CD, Smart Card, Mercedes 38-pin cable with 38-pin SSI, Mercedes 1-pin cable, BMW cable, and Volkswagen/Audi cable.

**No. 3421-129** – USA 2010 European Starter Kit with OEM Cables.

**NOTE:** System 4.0, 4GB card required to install; see No. 3421-130. 3421-88 Smart Cable required for BMW application coverage.

**Genisys Tester and Software Kits**

The European 2010 coverage will be installed at the factory in the various Genisys Tester Kits (i.e. 3871, 3871TPR, 3873, 3869HD) beginning June 1, 2011. All European 2010 coupons will be removed from tester and software update kits at the same time and replaced with European 2010 software installed.

### Volkswagen Aftermarket Radio Installation Warning

Do NOT attempt to connect a scan tool to any Volkswagen in which an incorrect radio has been installed UNLESS the radio wiring harness has been modified (VW TSB No. 99-01). New Genisys Warning Screens provide quick check information to protect your scan tool.

Volkswagen Non Stock or Aftermarket Radio Warning Menu Flow R3

