

Release Notes

Version 2.6.0.11

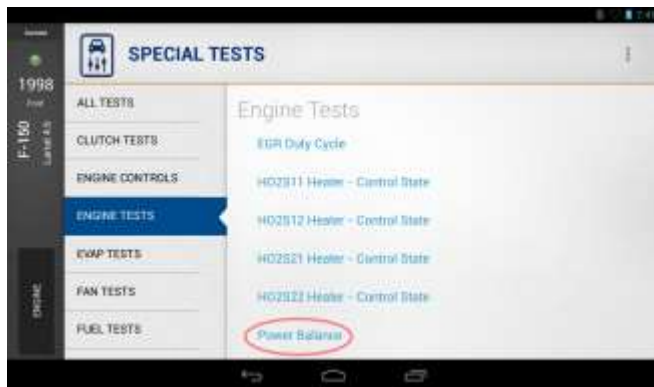
Overview:

The new version 2.6.0.11 contains major software improvements. Also provided are selected highlights of new features, fixed issues reported by technicians, and other improvements. You may notice many more in the software that are just too numerous to identify individually. Many thanks for the useful feedback we are receiving. More coverage and enhancements on the way!

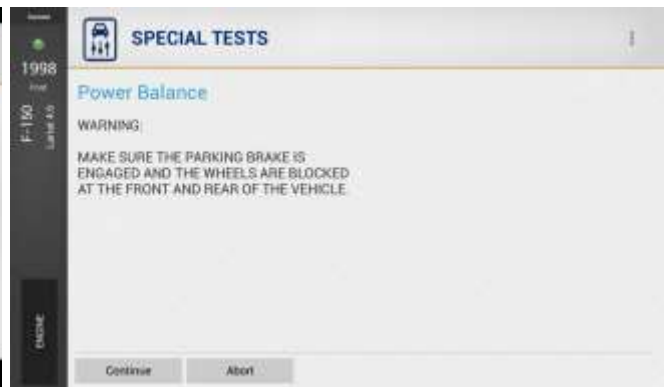
Ford Improvements

- Coverage for Ford Power Balance test has been added for many 1994-2006 SCP protocol systems:

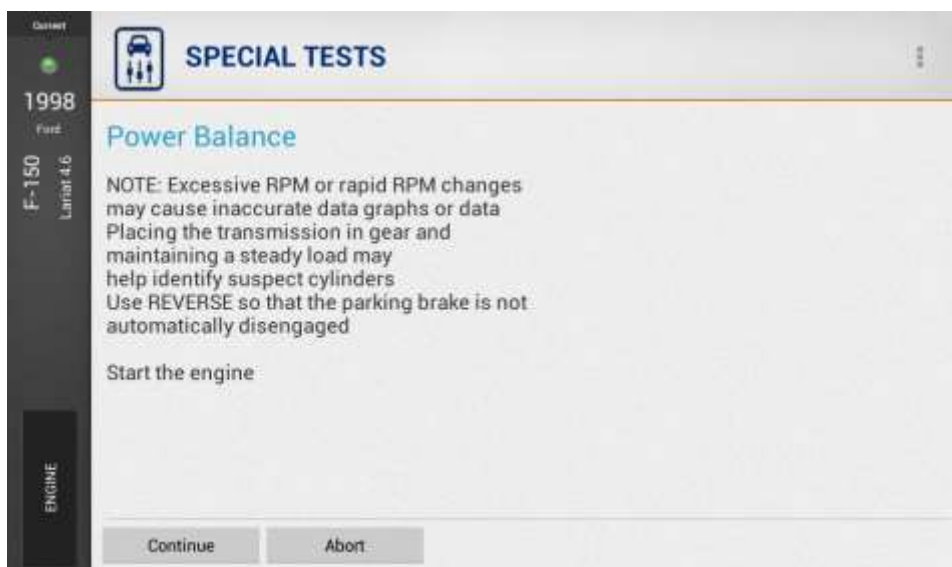
Power Balance Test Selection:



Power Balance Warning Screen 1:



Power Balance Warning Screen 2:



Power Balance Histogram:



- Misfire data group for Ford CAN vehicles is added under enhanced diagnostics DataStream:
Misfire Data (Mode 6) Group Selection:



Misfire Data (Mode 6) Live Data Stream:

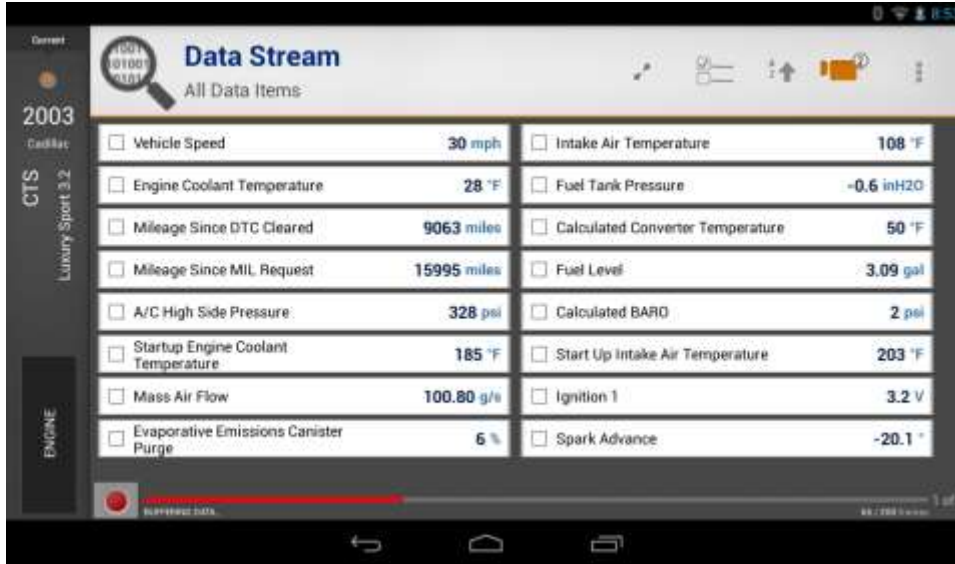
Parameter	Count
<input type="checkbox"/> Cylinder 1 Current Trip Misfires	0 Counts
<input type="checkbox"/> Cylinder 2 Current Trip Misfires	0 Counts
<input type="checkbox"/> Cylinder 3 Current Trip Misfires	0 Counts
<input type="checkbox"/> Cylinder 4 Current Trip Misfires	0 Counts
<input type="checkbox"/> Cylinder 1 10 Trip Rolling Average Misfires	0 Counts
<input type="checkbox"/> Cylinder 2 10 Trip Rolling Average Misfires	0 Counts
<input type="checkbox"/> Cylinder 3 10 Trip Rolling Average Misfires	0 Counts
<input type="checkbox"/> Cylinder 4 10 Trip Rolling Average Misfires	0 Counts
<input type="checkbox"/> Engine RPM	0 rpm

Data Stream

New High Contrast Color Scheme

Data Stream display has been revamped to include consistency in text and sizing as well as utilize a more high contrast color scheme:

New High Contrast Scheme in 8x2 PID view mode



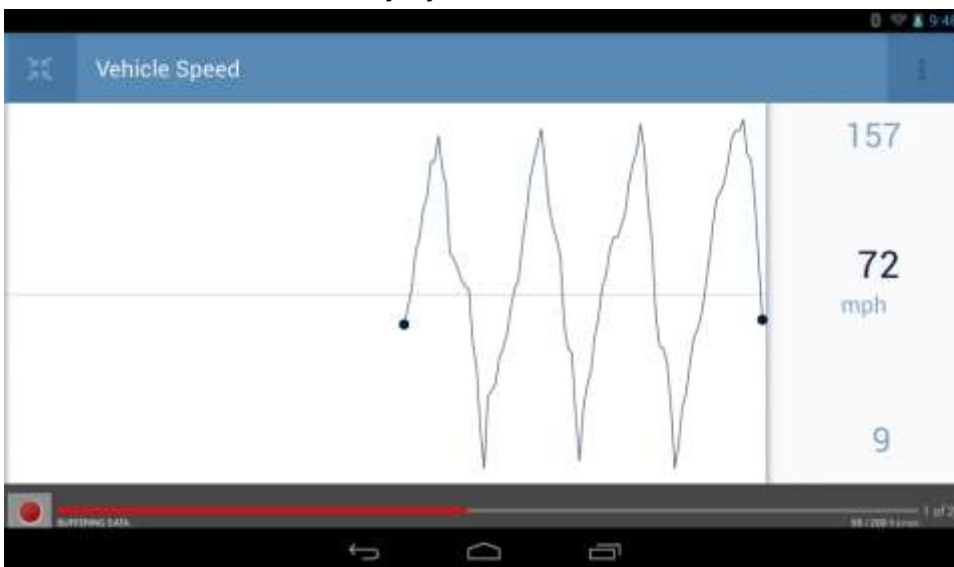
New High Contrast Scheme in 2x4 view mode



New High Contrast Scheme in 2x1 PID view mode



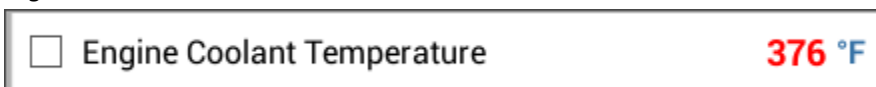
Color Scheme remains the same for full screen view mode



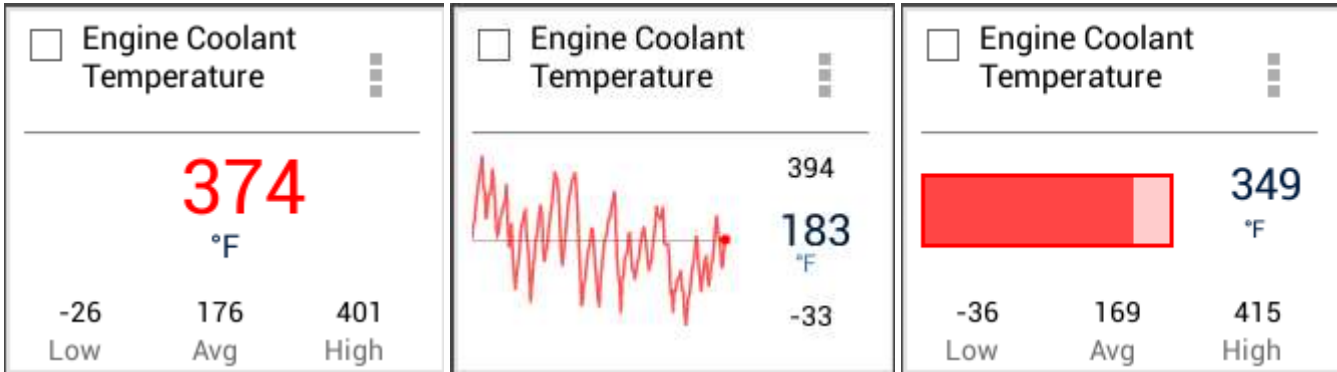
New Data Item Color Selections

Data Items can now be displayed in color and that color selection will persist when changing view types (Digital, Line Graph and Bar Graph):

Digital 8x2 PID view:



Digital, Line Graph and Bar Graph in 2x4 PID view:



Select overflow menu on data item, tap "Change Color" and select a color:

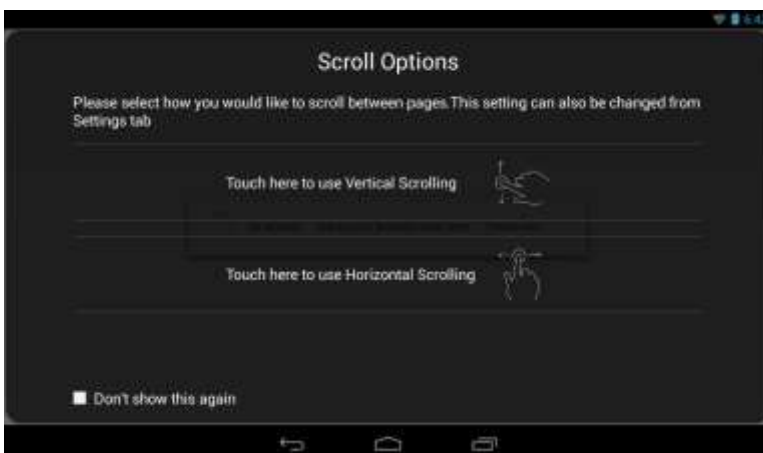


Once the color for a Data Item is changed, it will persist throughout all view modes through the current Data Stream session (Changing the Data Stream group will reset the colors):

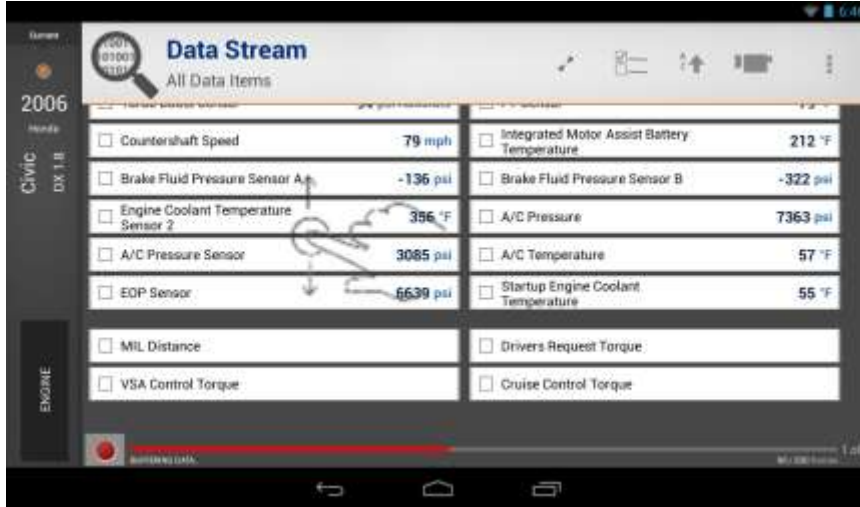


New Data Stream Scroll Options

The user now has the option to scroll Data Stream vertically or horizontally and can change that setting at any time. First Entry into Data Stream the user will be presented with a Scroll Options Overlay:



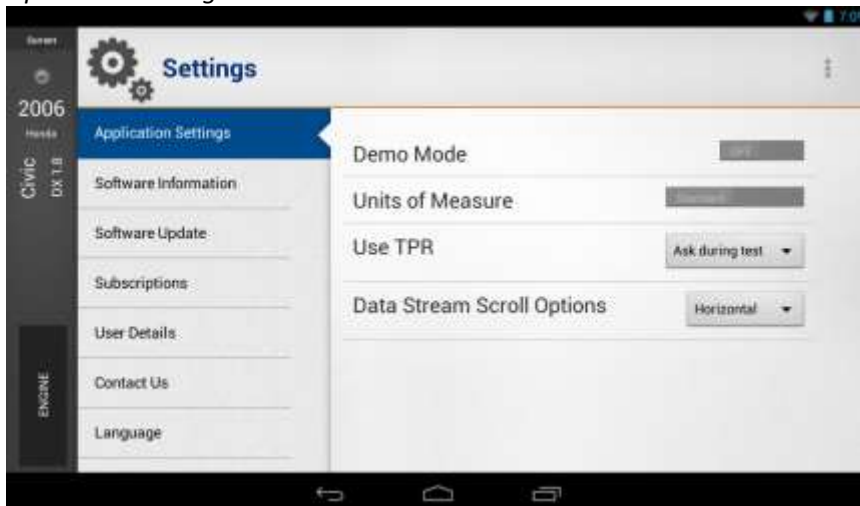
Tapping on Vertical Scrolling will set scroll Data Stream up and down for this session only:



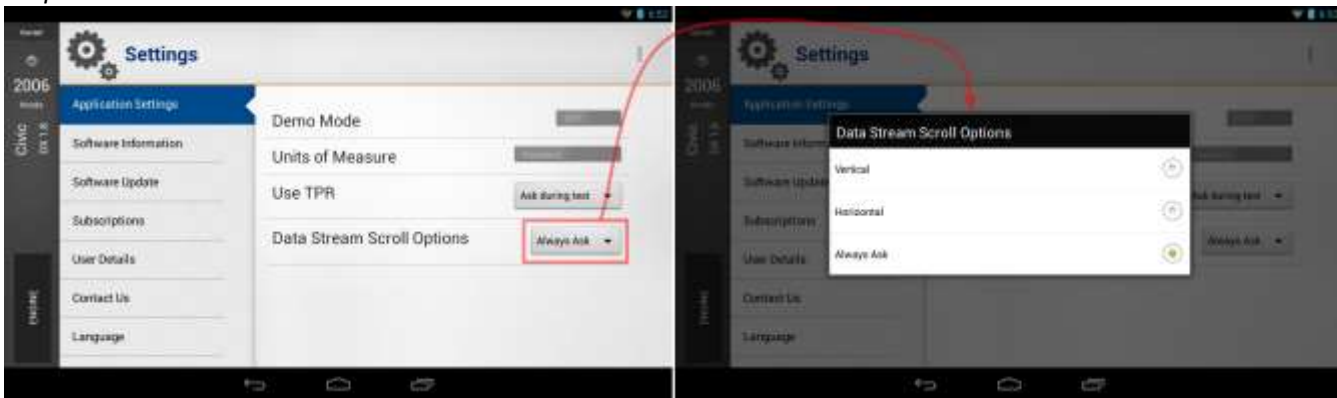
Tapping on Horizontal Scrolling will scroll Data Stream left and right for this session only:



Tapping "Don't show this again" and then tapping one of the scroll options will change the Data Stream Scroll Options in Settings:

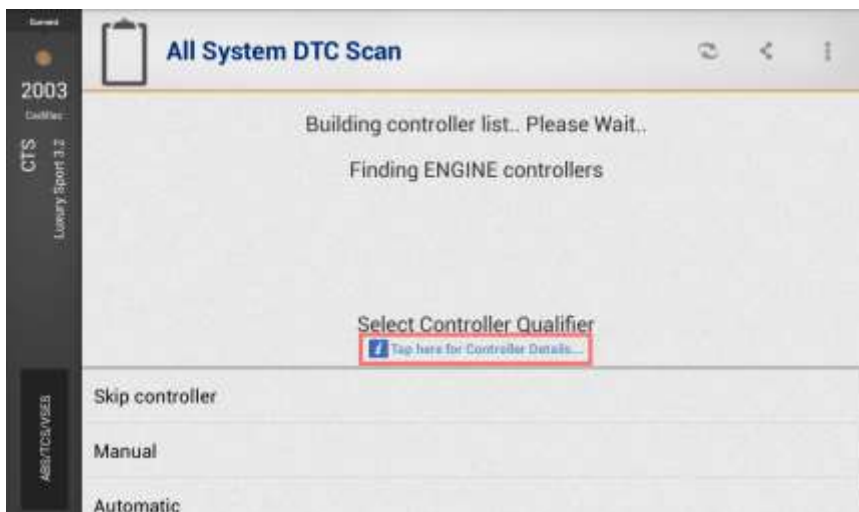


The Data Stream Scroll Options can be changed anytime by going to Settings > Application Settings and tapping on the dropdown selection:



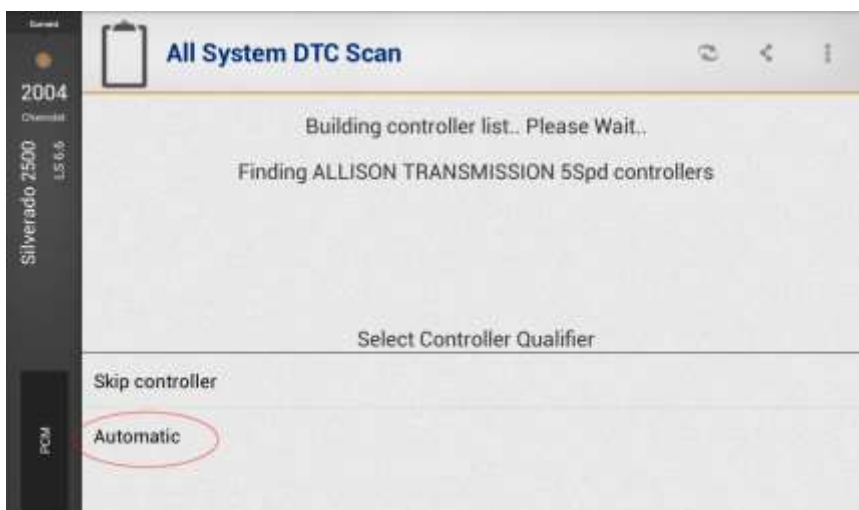
Automated System Test / All Systems DTC Scan

- These tests will now display controller qualifier details (when available) while building the controller list:

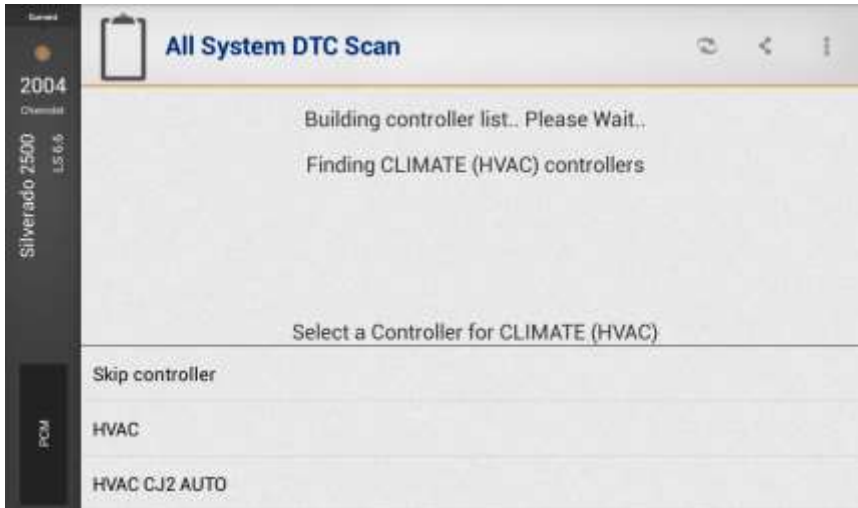


The system will now properly auto-select controller qualifier selection options when there is only one option to choose from: *Example: 2004 Chevrolet Silverado 2500 LS 6.6 Diesel:*

Before, the user would have to select "Automatic" when it is the only option available on this controller:



Now, this option is automatically selected and the system proceeds only to the qualifier selection screen when multiple options are available:



- The saved reports for AST/ASDTC will no longer cut off long DTC descriptions:

Before

Secondary Controller ABS/DSC

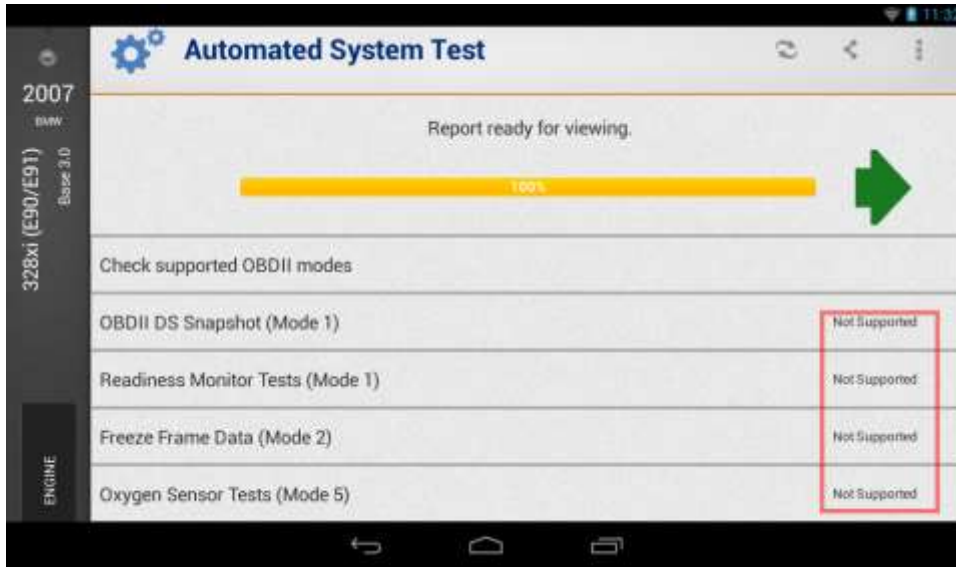
<p>0x5F3A(24378)</p> <p>Transfer Case-ECU: VG-Clutch Defect - Clutch in in the Open Position. Rear-Wheel Drive!>Not currently</p> <p>Read Codes</p>	<p>0xD36C(54124)</p> <p>CAN: Timeout Der Message OPERATION_AUDIO_TEL (ID 0x1D)>Not currently detected:No Signal:Warning</p> <p>Read Codes</p>	<p>0x5ED2(24274)</p> <p>Brake Disc Wiper: RLS Sends Invalid Signal In Message Rain Sensor Wiper Speed (PT-CAN, ID 0x226)>Not</p> <p>Read Codes</p>
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After

Secondary Controller ABS/DSC

<p>0x5D8C(23948)</p> <p>Return Pump: Error Feedback Submitted From Voltage Monitor Feature: RFP Expected But TO: Off - Line Error</p> <p>Read Codes</p>	<p>0x5D8D(23949)</p> <p>Return Pump: Error Feedback Submitted From Voltage Monitor Feature: RFP Expected But Off: An Fuse Or Pump Motor Relay Is Defective</p> <p>Read Codes</p>	<p>0x5D8E(23950)</p> <p>Return Pump: Delay Too Short</p> <p>Read Codes</p>
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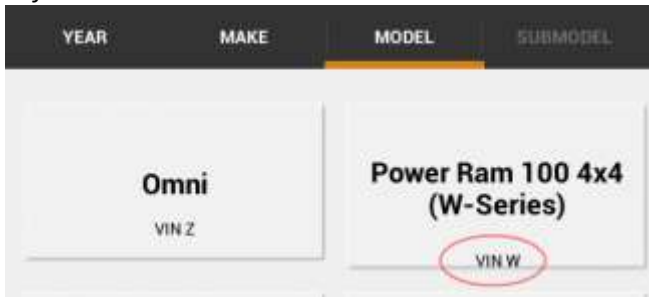
- The system will properly display “Not Supported” for all OBDII modes when the Automated System Test is launched without proper connection to the vehicle:



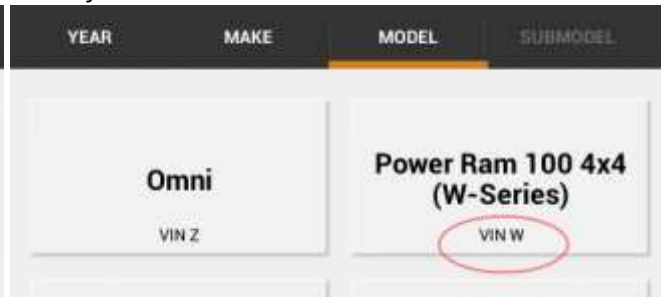
Vehicle Selection Improvements

- When selecting a vehicle from the AutoID Results screen, the user can now utilize the Back button to return the list of AutoID results screen.
- The VIN character for the MODEL selection will no longer overwrite the tile:

Before:



After:

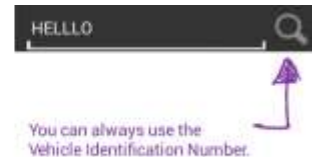
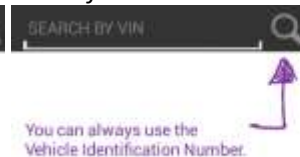
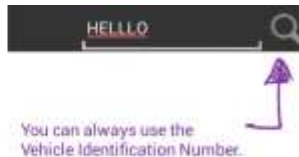


- The Search by VIN field is now larger and does not utilize “auto-correct”:

Before:

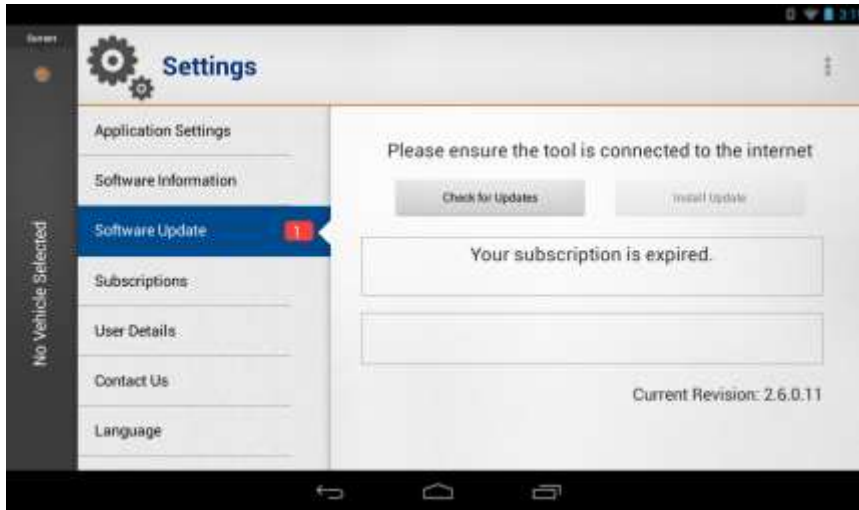


After:

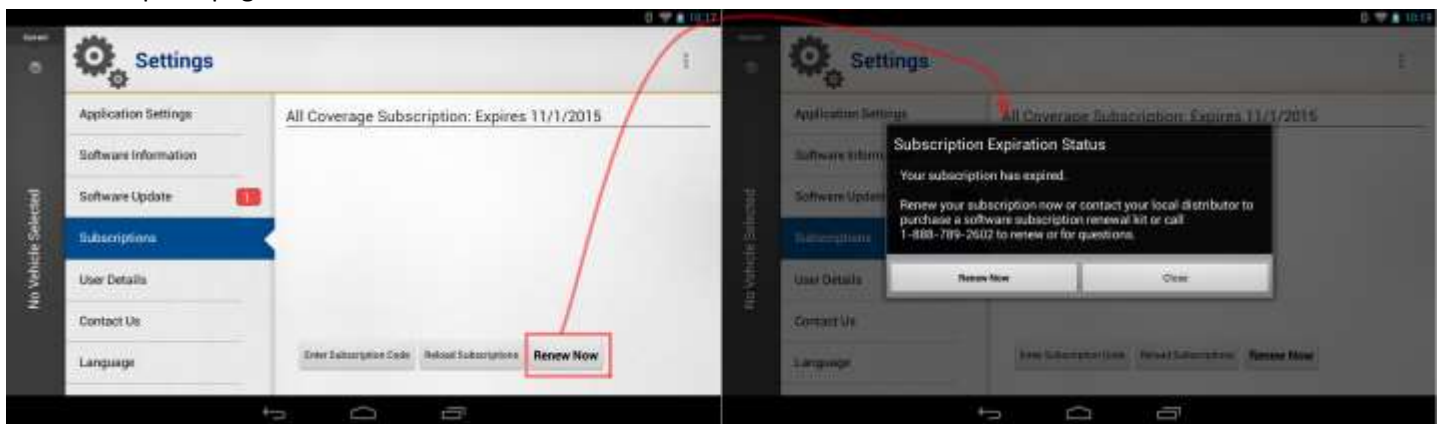


Software Update Improvements

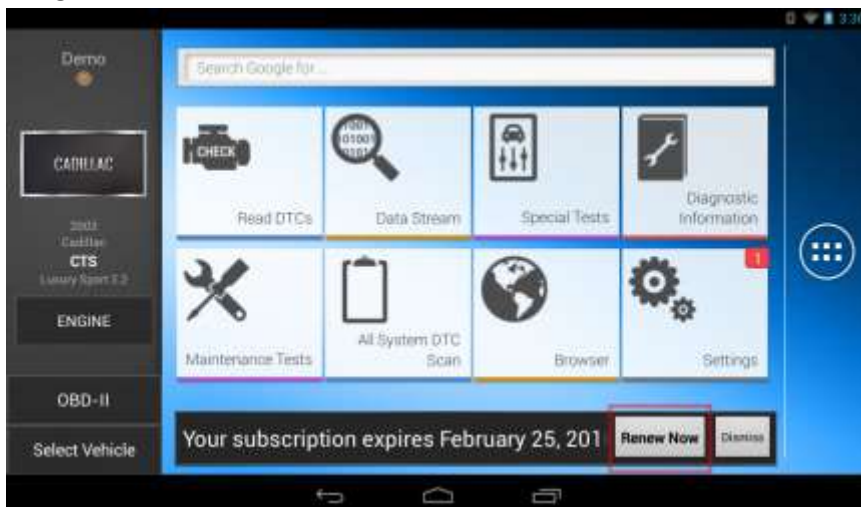
- The Software Update screen messaging is improved when a subscription expired and an update is available:



The Subscription page will now show a Renew Now button:



When the subscription has expired, the Renew Now button will appear and be more pronounced on the Weather Widget:



Settings Screen Improvements

- The Direct-Hit Settings page has been updated to include a link to Identifix. Additionally, the screen has been cleaned up so that the buttons no longer wrap in Spanish:

Before: *English*



Spanish



After: *English*



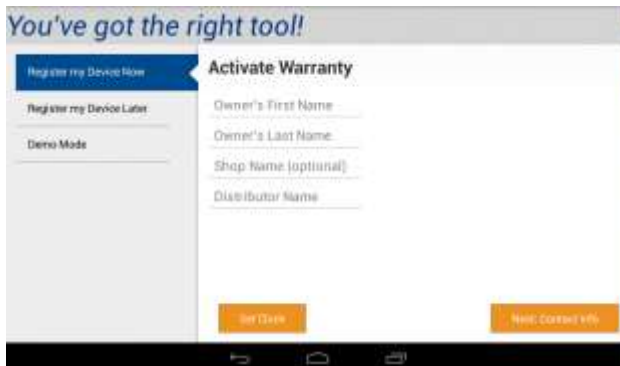
Spanish



- The registration Warranty entry screens will be expanded to allow for more text entry:

Before:

English



Spanish



After:

English

Spanish



Read DTC Improvements

- The DTC popup screens have been increased in size to allow for reduced text wrapping:

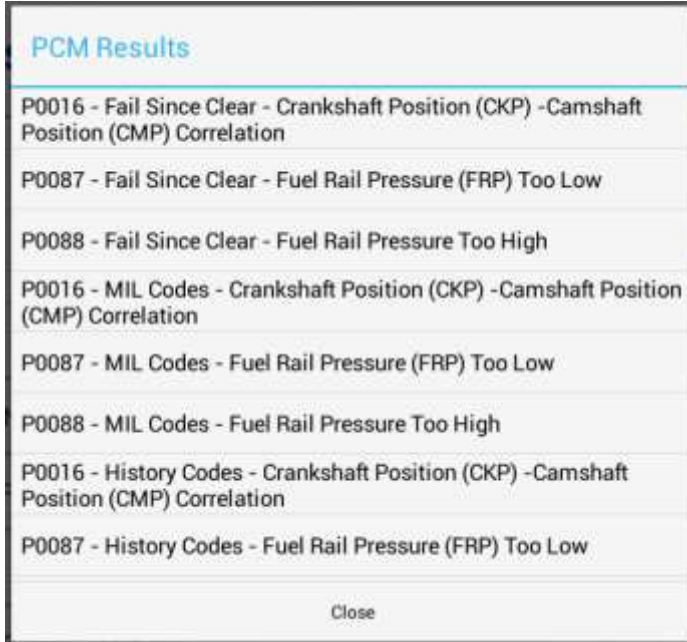
Before: DTC Status Popup

Select DTC to view Status	
P0016	Crankshaft Position (CKP) - Camshaft Position (CMP) Correlation
P0087	Fuel Rail Pressure (FRP) Too Low
P0088	Fuel Rail Pressure Too High
Close	

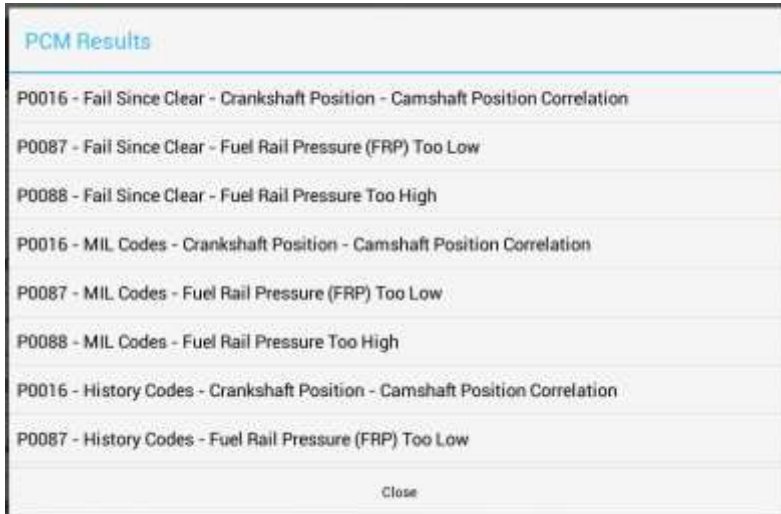
After: DTC Status Popup

Select DTC to view Status	
P0016	Crankshaft Position - Camshaft Position Correlation
P0087	Fuel Rail Pressure (FRP) Too Low
P0088	Fuel Rail Pressure Too High
Close	

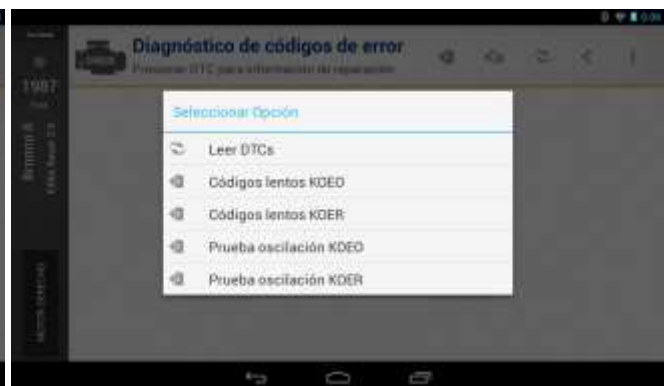
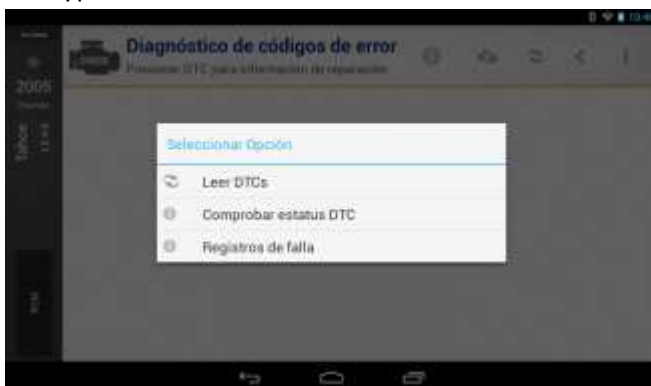
Before: DTC Popup from All System DTC Scan / Automated System Test



After: DTC Popup from All System DTC Scan / Automated System Test

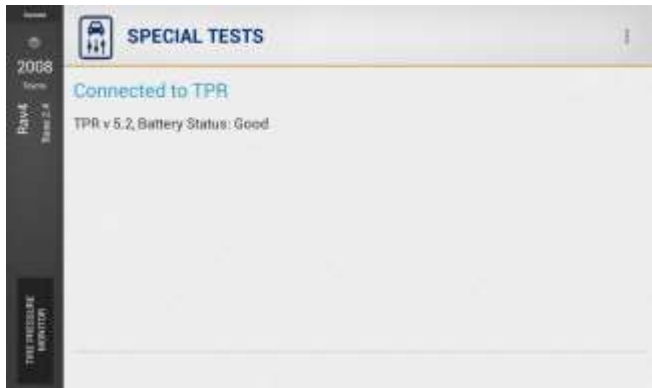


- In Spanish, the user will now be offered the options popup for Diagnostic Trouble Codes as appropriate for the type of vehicle:



Special Tests User Experience Improvements

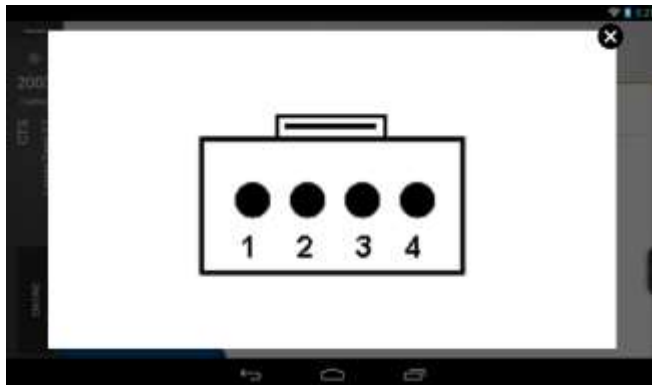
- The Tire Pressure Sensor Registration tests that utilize the TPR will now display the TPR firmware version during the test. In addition, the “Low Battery State” of the TPR will now be properly handled during the Special Test:



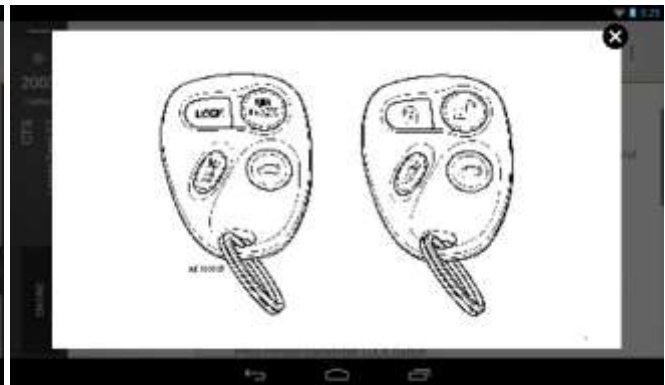
Diagnostic Information Improvements

- Diagnostic Information images are now able to be zoomed in on by tapping on the image:

Example: Connector image:



Example: Key Reprogramming image:



- Symptom Assist screen has been laid out to display column information better in Spanish:

Before:



After:



Other System Improvements

- Updated P/N for OBDII 8-ft cable.

Before:



3829-01

After:



3893-05

- The search feature in Data Stream and Special Test will now utilize search icon instead of a “Go” button for consistency throughout the system:

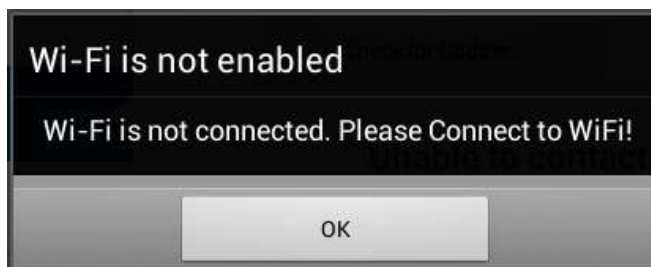
Before: Data Stream



After: Data Stream

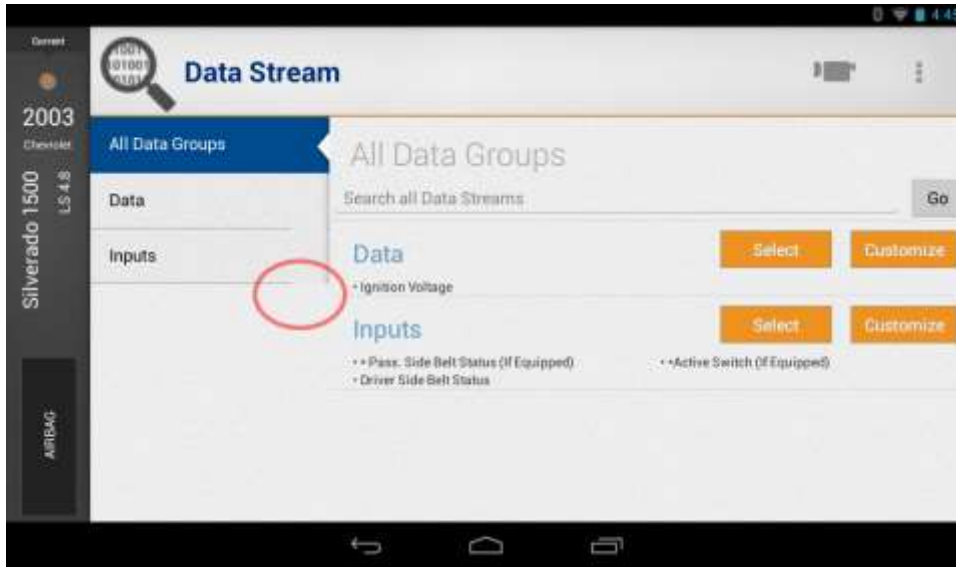


- Screens and selections will check for Wi-Fi and internet connection before proceeding. This will prevent unnecessary progress spinners:

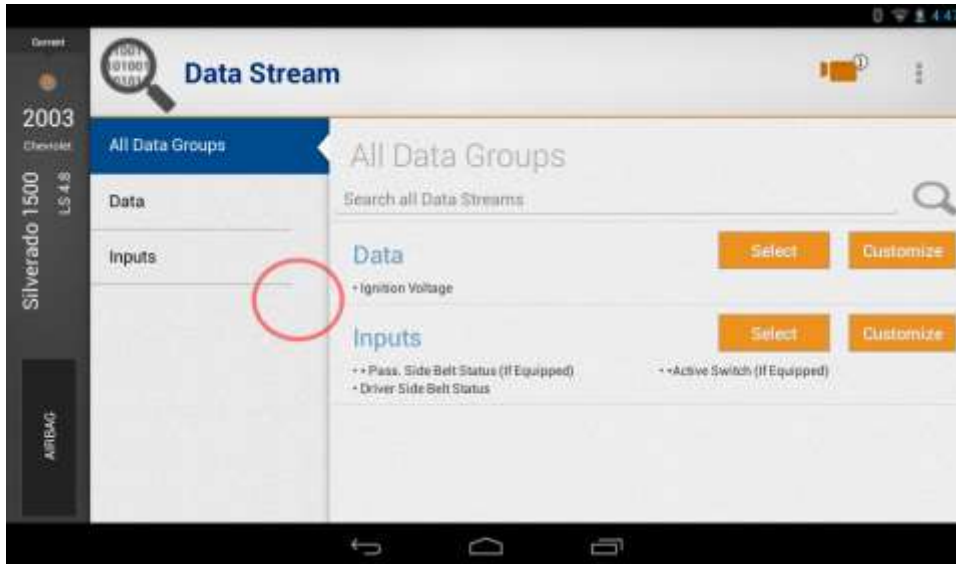


- The Left Navigation background will no longer look “cut off” when only a few items are present in the list:

Before: The background is different for the list of items than the actual background.



After: The background is the seamless for items in the list and the actual background.



- Remove the inconsistent grey title background from the Ford Self Diagnostics and Recordings popup and make it consistent with other dialogs:

Before



After



New Vehicle Coverage:

- New Coverage added for 2016MY Toyota/Lexus vehicles
- Expanded coverage for Toyota/Lexus 2007-2015 Driver Assistance, Convenience, Body, Door, Seat and Audio/Entertainment/Navigation type systems
- Expanded coverage for Ford 2000-2015 Driver Assistance, Convenience, Body, Door, Seat and Audio/Entertainment/Navigation type systems
- New Coverage added for Honda 2013-2015 Forward Camera (FCW/LDW) system with Static and Dynamic Camera Calibration tests
- New Maintenance Test menu selection for Driver Assistance systems tests
- New Coverage for GM BCM Setup tests for many 2001-2008 vehicles
- New Coverage for GM Setup SDM Serial Number In BCM tests for many 1999-2010 vehicles
- Added coverage for 1,117 new systems
- Added coverage for 4,323 new vehicle-ECU combinations
- Added 107 new Adjustment type tests
- Added 561 new Actuation type tests

New Coverage – USA Domestic

Chrysler/Jeep Coverage

14 new Adjustment type special tests including:

- Engine/PCM - EGR System Test, Reset Enhanced Automatic Oil Change Indicator, Reset Fuel Pressure Limit Valve Accumulators
- Transmission/Electronic Shifter - TCM VIN Verification

T24 new Actuation type special tests including:

- Engine/PCM - 1st Gear Brake Torque
- Climate (HVAC) - A/C Indicator, Blower Motor, Floor Defrost Mode Actuator Degrees, Floor Defrost Mode Actuator Position, Left Blend Actuator Degrees, Left Blend Actuator Position, Panel Mode Actuator Degrees, Panel Mode Actuator Position, Rear Defrost Indicator, RECIRC Indicator, Recirculation Door Actuator Degrees, Recirculation Door Actuator Position

Special test fixes/improvements:

- 1997 Dakota - fixed "would not Write VIN to NEW ECU"
- 2000 Caravan - fixed "VIN Write test writes improper values"
- 2001 Ram - fixed "would not write VIN"
- 2005 Pacifica - fixed "Pinion Factor test failed"
- 2007 Grand Caravan 3.8L PCM - fixed "NVLD Forced Monitor test should require engine running"
- 2009 Ram 3500 6.7L PCM - fixed "Fuel Pressure Override Test is not working"
- 2010 Nitro 3.7L - fixed "Air Condition Compressor test fails"

Ford Coverage

- Expanded coverage for Driver Assistance, Convenience, Body, Door, Seat and Audio/Entertainment/Navigation type systems
- Coverage added for Power Balance test for many 1994-2006 SCP protocol systems
- ABS Bleed Test for 2004 F-150
- Added coverage for 677 new systems
- Added coverage for 1,348 new vehicle-ECU combinations

16 new Adjustment type special tests including:

- **Engine/PCM** - Closed Loop Fuel Control, Reset KAM
- **Brakes/ABS** - Bleed Test, EPB Configuration, Software Reset
- **Others** - Tire Pressure Sensor Registration, Passenger System Reset/OCS Reset, Passenger Zero Seat Weight Test, Power Seat Calibration

324 new Actuation type special tests including:

- **Engine/PCM** - Reductant Dosing Control tests, EGR tests, EVAP tests, Fuel Pump tests, Idle Air Control, Intake Manifold Runner Control, Power Balance, Relative Compression, Transmission tests, Injector tests, O2 Sensor Heater tests
- **Hybrid** - Fan Speed Demanded
- **Transmission** - Gear Command By Output State Control, Converter Pressure Control, Desired Line Pressure Control, Dynamic Pressure Control Solenoid Duty Cycle, Firm Shift, Line Pressure Control Desired, Shift Solenoids
- **Transfer Case** - 4WD PWM Clutch Status, CCW Relay, Continuous Vacuum Hublock Solenoid, CW Relay, Integrated Wheel Ends Output Control, On Demand Test, Performance Shift Lamp, Rear Locking Diff Lamp Output Control Optional, Rear Locking Diff Output Duty Cycle Optional, Shift Motor Position Sense Contact Plate Power Circuit Status, Transfer Case Contact Plate Power
- **ABS/Parking Brake** - ABS Pump Motor Control, Antilock Braking System Power Relay Output Status, Inlet and Outlet Solenoid tests, Traction Assist Valve tests, On Demand Test, Parking Aid Module tests
- **Instrument Cluster** - Lamp tests, Segment tests, Button tests, Speedometer Gauge Indicator Control, Tachometer Gauge Indicator Control, Engine Coolant Temperature Gauge, Fuel Gauge Indicator Control, Turbo Boost Gauge Pointer
- **Climate/HVAC** - Mode Door tests, Blower Motor tests, On Demand Test, Driver Heated Seat, Passenger Heated Seat, Rear HVAC Mode Control Input

- **Body Control/GEM** - Lamp and Buzzer/Warning tests, Mirror Puddle Lamps, Trunk/Liftgate Release tests, Door Lock and Unlock tests, Light and Turn Signal tests, Wiper tests, Horn tests
- **Door** - Driver Door Lock Unlock, Driver Mirror Left Right, Driver Mirror Up Down, On Demand Test, Passenger Mirror Left Right, Passenger Mirror Up Down, Set Memory tests
- **Seat** - Seat Motor tests, Mirror tests, On Demand Test, Pedal tests, Climate-Controlled Seat tests, Seat Bladder Pump Status
- **Others** - Power Running Board tests, Steering Column Control tests, Audio Control Module tests, Trailer Module tests

Special test fixes/improvements:

- Tests that the vehicle does not support will now not be shown to the user
- Coverage added for Power Balance test for many 1994-2006 SCP protocol systems
- 1995 Bronco - fixed "would not perform KOEO"
- 2001 F-150 - fixed "does not have Power Balance Test"
- 2003 E-250 5.4L - fixed "does not have Power Balance Test"
- 2003 Explorer 4.0L PCM - fixed "When running the KOER self-test the EGR test is displayed as being selected"
- 2003 Explorer 4.0L PCM - fixed "Fuel Pump Duty Cycle test cannot increase/decrease"
- 2005 F-150 ABS - fixed "Brake Bleed test not working properly"
- 2005 F-150 - fixed "Passenger Airbag Light test showing Error"
- 2005 LS - fixed "Power Seat Calibration test failed"
- 2006 Expedition 5.4L PCM - fixed Relative Compression and Power Balance tests
- 2006 Zephyr 3.0L PCM - fixed "would not run Relative Compression test"
- 2008 Explorer 4.0L PCM - fixed "Relative Compression test not working"
- 2008 F-150 5.4L - fixed "Line Pressure Control Desired test fails"
- 2012 F-250 6.2L PCM - fixed "Power Balance Test showing misfire on wrong cylinder"
- 2015 C-Max Hybrid HVAC - fixed "Blower Motor Speed test not working properly"

Other fixes/improvements:

- 1994 Grand Marquis 4.6L - fixed "Could not communicate via OBD1 connector"
- 1998 Navigator SUSPENSION - fixed "Could not communicate with Suspension module"

General Motors / Saturn Coverage

- Setup SDM Serial Number in SDM and Setup BCM tests for 2005 Impala

54 new Adjustment type special tests including:

- **Engine/PCM** - Crankshaft Learn
- **Transmission** - Allison TCM Fast Learn, Reset Transmission Adapts
- **Transfer Case** - ATC Motor Learn
- **Brakes/ABS** - Automated Bleed, Brake Pressure Sensor Calibration
- **Safety** - Configure New Module, Setup New SDM, Setup SDM Serial Number In BCM, Store SDM Part Number
- **Body Control** - Brake Pedal Position Sensor Calibration, Setup SDM Part Number In BCM, Setup SDM Serial Number In BCM, Tire Pressure Reset, Tire Type/Pressure Selection, Program Key Fobs, Setup BCM
- **Others** - Tire Type/Pressure Selection, Vehicle Direction Camera Learn

20 new Actuation type special tests including:

- **Engine/PCM** - Camshaft Actuator tests, Cylinder Power Balance, Injector Enable (All Cylinders), RPM Control
- **ABS/Parking Brake** - Lamp tests, Solenoid tests, Pump tests
- **Suspension** - Exhaust Valve, Right Rear Damper Actuator
- **Instrument Cluster** - Display Test
- **Body Control** - Lamp and Buzzer/Warning tests, Door Lock tests

Special test fixes/improvements:

- Coverage added for BCM Setup tests for many 2001-2008 vehicles
- Coverage added for Setup SDM Serial Number In BCM tests for many 1999-2010 vehicles
- 1997 Silverado 5.7L PCM - fixed "Cylinder Power Balance test failed"
- 1998 Trans Am 5.7L PCM - fixed "missing EVAP Service Bay test"
- 2000 Corvette - fixed "special tests missing ACTIVATE AIS SYSTEM"
- 2001 Impala - fixed "2-3 Shift Solenoid test kicks out"
- 2002 Cavalier PCM - fixed "Injector test did not work"
- 2002 Grand Prix 3.8L PCM - fixed "Crank Learn failed"
- 2003 Impala - fixed "Crankshaft Relearn failed"
- 2003 Impala - fixed "Cylinder Power Balance, misfire data items incorrect"
- 2003 Suburban - fixed "would not perform Door Module tests"
- 2003 2500 and 3500 ABS - fixed "will not run the ABS motor"
- 2003 Yukon Denali ABS - fixed "Dump Valve tests failed"
- 2004 Silverado 5.3L PCM - fixed "Crank Learn would show pre-conditions not met"
- 2004 Rendezvous ABS - fixed "Auto Brake Bleed test states error and aborts"
- 2005 Envoy 4.2L PCM - fixed "Crank Learn failed"
- 2005 Impala SS 3.8L PCM - fixed "Crankshaft Relearn failed"
- 2005 Sierra ABS - fixed "ABS Lamp test will abort"
- 2006 Lacrosse ABS - fixed "Auto Brake Bleed test states error and aborts"
- 2006 Impala BODY/IPC - fixed "Dimming test not working"
- 2006 Trailblazer PCM - fixed "Fuel Trim Reset test will not finish"
- 2007 Impala 3.5L - fixed "would not perform the alcohol content relearn"
- 2007 Silverado - fixed "Transmission Adapt tests not functioning as expected"
- 2007 Lucerne ABS - fixed "missing Auto Bleed test"
- 2008 Express 2500 - fixed "missing Tire Size/Type test"
- 2008 Silverado Transfer Case - fixed "ATC Relearn procedure missing"
- 2008 Uplander ABS - fixed "no ABS tests available"
- 2008 G1500 4.3L PCM - fixed "Injector Balance test is skipping cylinders"
- 2013 Express 6.6L - fixed "DPF Regen test does not work"
- 2015 Express 3500 6.0L - fixed "Crankshaft relearn instructions are incorrect"
- Saturn Vue 3.6L - fixed "No test available for Steering Angle Sensor"

Other fixes/improvements:

- 1999 Trans Am 5.7L - fixed "Data Items display is inconsistent"

New Coverage – USA Asian

Honda Coverage

- Expanded coverage for 2013 AIRBAG, 2013 SEAT WEIGHT SENSOR and 2013-2015 FORWARD CAMERA - FCW/LDW controllers
- Added coverage for 7 new systems
- Added coverage for 82 new vehicle-ECU combinations

10 new Adjustment type special tests including:

- **Engine/PCM** - Resolver Position Calibration
- **ABS** - Sensor Cluster Calibration, VSA Sensor Neutral Position Memorization
- **Forward Camera** - Dynamic Camera Aiming, Static Camera Aiming

1 new Actuation type special tests including:

- **ABS** - Sub Throttle

Special test fixes/improvements:

- 2008 Accord 2.4L PCM - fixed "EVAP/Purge tests will not finish properly"
- 2010 Odyssey Engine - fixed "EGR test needs better instructions"

Other fixes/improvements:

- 2005 Pilot ENGINE - fixed "Some Data Items showed NaN"

Hyundai Coverage

1 new Actuation type special tests including:

- **Engine/PCM** - Variable Intake Manifold 1

Special test fixes/improvements:

- 2009 Sonata 2.4L ENGINE - fixed "Variable Intake Manifold 1 test failed"
- 2009 Sonata ABS - fixed "ABS Motor test failed"

Kia Coverage

1 new Actuation type special tests including:

- **Engine/PCM** - Variable Intake Manifold 1

Mazda Coverage

4 new Actuation type special tests including:

- **Airbag/OCS** - Passenger System Reset/OCS Reset

48 new Actuation type special tests including:

- **Engine/PCM** - A/C Compressor Command, EGR tests, EVAP tests, Fuel Pump tests, Idle Air Control, Intake Manifold Runner Control, Power Balance, Transmission tests, Injector tests, O2 Sensor Heater tests

- ABS - ABS Booster Solenoid Current, Hydraulic Pump Motor, Solenoid tests, Vacuum Pump Status
- Instrument Cluster - Lamp tests ,Engine Coolant Temperature Gauge, Voltmeter Pointer Placement Command, On Demand Test
- Climate/HVAC - A/C Recirculating Servo Position Status, Left Blend Door Position, Right Blend Door Position
- Body Control/GEM - Lamp and Buzzer/Warning tests, Mirror Puddle Lamps, Trunk/Liftgate Release tests, Light and Turn Signal tests

Nissan Coverage

9 new Actuation type special tests including:

- **Transmission** - Shift and Pressure Control Solenoid tests
- **Body Control** - Key Fob Power Window Test

Special test fixes/improvements:

- 2011 G37 - fixed "Activate Pump test not functioning properly"

Other fixes/improvements:

- 1995 Pathfinder ENGINE- fixed "Could not communicate via OBD1 connector"
- 1997 Maxima ABS - fixed "Could not communicate with ABS module"
- 2002 Xterra ABS - fixed "Could not communicate with ABS module"
- 2005 Murano ABS - fixed "Could not communicate with ABS module"

Toyota Coverage

- New Coverage added for 2016MY vehicles
- Expanded coverage for Driver Assistance, Convenience, Body, Door, Seat and Audio/Entertainment/Navigation type systems
- Added coverage for 406 new systems
- Added coverage for 2,893 new vehicle-ECU combinations:

3 new Adjustment type special tests including:

- **Steering** - Clear Abnormal Operation History
- **Others** - Reset Memory

113 new Actuation type special tests including:

- **Engine/PCM** - Activate SL1 Solenoid, Activate the Fuel Return Pipe Valve, Activate the In-tank Fuel Pump Relay, Cylinder Balance tests, Intake Air VSV Control, SCV Duty Ratio, VVT Exhaust Linear (Bank 2)
- **Transmission** - Activate SL1 Solenoid
- **Safety** - PCS Crash Alarm Buzzer
- **Transfer Case** - 4WD Control Prevention Mode
- **Steering** - EPS Signal Check
- **Instrument Cluster** - Lamp tests
- **Body Control** - Lamp and Buzzer/Warning tests, Door Lock tests, Window tests, Light/Headlamp tests, Wiper tests, Horn tests, Mirror tests
- **Doors** - Door Lock/Unlock tests, Window tests, Mirror tests
- **Others** - Security/Immobilizer Indicator tests

Special test fixes/improvements:

- 2000 Tacoma - fixed "could not clear Memory"
- 2003 Camry ABS - fixed "Signal Check Enter test will fail"
- 2005 Camry ABS - fixed "Will not perform Brake Bleed"

Other fixes/improvements:

- 2005 Sequoia ABS - fixed "Could not communicate with ABS module"

New Coverage – USA European***Jaguar Coverage*****1 new Adjustment type special test:**

- Engine/PCM - Generator Regulator Control

Land Rover Coverage**2 new Adjustment type special tests including:**

- Engine/PCM - Generator Regulator Control, Viscous Cooling Fan Pulse Width Modulation Control

Mercedes Benz Coverage**1 new Adjustment type special test:**

- Multifunction Camera - Camera Calibration

Volkswagen Coverage**12 new Adjustment type special tests including:**

- **Climate (HVAC)** - A/C Indicator, Blower Motor, Floor Defrost Mode Actuator Degrees, Floor Defrost Mode Actuator Position, Left Blend Actuator Degrees, Left Blend Actuator Position, Panel Mode Actuator Degrees, Panel Mode Actuator Position, Rear Defrost Indicator, RECIRC Indicator, Recirculation Door Actuator Degrees, Recirculation Door Actuator Position

Special test fixes/improvements:

- 1999 Volkswagen Jetta TDI - fixed "Controller Coding gives error message and will not complete"

Thank you for your patronage!