

Encore Release Notes

Version 1.2.0.8

Overview:

The new version 1.2.0.8 contains a major coverage release. Also provided are selected highlights of new features, fixed defects reported by technician, and 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!

Did You Know?

Performing a throttle relearn:

Performing a throttle relearn on GM throttle-by-wire vehicles can be done with your scan tool.

To perform a throttle relearn on a 2008 Silverado 5.3L for example, select and run the Idle Learn Reset test. Then start the engine and allow the ECM time to begin to learn. Clear any DTCs. In some cases it may be necessary to drive the vehicle before normal idle speed returns.

Additionally, the scan tools support Throttle Sweep and Throttle Position tests to verify proper operation of throttle components.

Throttle relearn can also be done without a scan tool, essentially by letting the vehicle idle in park for several minutes and allowing time for the ECM to learn. See appropriate service information for vehicle specific procedures and details if you wish to perform a throttle relearn in this way.

Idle Learn Reset coverage:

Make	Model	Engine	First Year	Last Year
Buick	Enclave	3.6	2009	2013
Buick	Encore	1.4	2013	2013
Buick	LaCrosse	2.4	2011	2013
Buick	LaCrosse	3.6	2012	2013
Buick	LaCrosse	5.3	2009	2009
Buick	Lucerne	3.9	2009	2011
Buick	Rainier	5.3	2005	2007

Buick	Regal	2.0	2011	2013
Buick	Regal	2.4	2011	2013
Buick	Verano	2.0	2013	2013
Buick	Verano	2.4	2012	2013
Cadillac	(DC) STS-V8	4.6	2007	2007
Cadillac	(DX) STS-V	4.6	2007	2007
Cadillac	ATS	2.0	2013	2013
Cadillac	ATS	2.5	2013	2013
Cadillac	ATS	3.6	2013	2013
Cadillac	CTS	3.0	2012	2012
Cadillac	CTS	3.6	2009	2012
Cadillac	CTS	6.0	2006	2006
Cadillac	CTS	6.2	2009	2013
Cadillac	Escalade	6.0	2009	2013
Cadillac	Escalade	6.2	2007	2012
Cadillac	SRX	2.8	2011	2011
Cadillac	SRX	3.0	2011	2011
Cadillac	SRX	3.6	2009	2013
Cadillac	STS	3.6	2009	2009
Cadillac	XTS	3.6	2013	2013
Chevrolet	Avalanche	5.3	2007	2012
Chevrolet	Avalanche	6.0	2007	2009
Chevrolet	Aveo	1.6	2009	2011
Chevrolet	Aveo5	1.6	2009	2011
Chevrolet	B7 Chassis	6.0	2009	2009
Chevrolet	C Series	6.0	2009	2009
Chevrolet	Camaro	3.6	2012	2013
Chevrolet	Camaro	6.2	2011	2013
Chevrolet	Cobalt	2.0	2008	2010
Chevrolet	Cobalt	2.2	2008	2010
Chevrolet	Colorado	2.9	2008	2012
Chevrolet	Colorado	3.7	2008	2012
Chevrolet	Colorado	5.3	2009	2012
Chevrolet	Corvette	6.0	2006	2007
Chevrolet	Corvette	6.2	2009	2013
Chevrolet	Corvette	7.0	2006	2013
Chevrolet	Cruze	1.4	2011	2013
Chevrolet	Cruze	1.8	2011	2013
Chevrolet	Equinox	2.4	2011	2013
Chevrolet	Equinox	3.0	2011	2012

Chevrolet	Equinox	3.6	2008	2013
Chevrolet	Express 1500	4.3	2009	2013
Chevrolet	Express 1500	5.3	2009	2013
Chevrolet	Express 2500	4.8	2009	2013
Chevrolet	Express 2500	6.0	2009	2013
Chevrolet	Express 3500	4.8	2009	2013
Chevrolet	Express 3500	6.0	2009	2013
Chevrolet	Express Access	4.3	2009	2011
Chevrolet	Express Access	4.8	2009	2011
Chevrolet	Express Access	5.3	2009	2011
Chevrolet	Express Access	6.0	2009	2011
Chevrolet	HHR	2.0	2008	2010
Chevrolet	HHR	2.2	2008	2011
Chevrolet	HHR	2.4	2008	2011
Chevrolet	Impala	3.5	2008	2011
Chevrolet	Impala	3.6	2012	2013
Chevrolet	Impala	3.9	2008	2011
Chevrolet	Impala	5.3	2007	2009
Chevrolet	Malibu	2.2	2008	2008
Chevrolet	Malibu	2.4	2008	2013
Chevrolet	Malibu	2.5	2013	2013
Chevrolet	Malibu	3.5	2007	2010
Chevrolet	Malibu	3.6	2008	2011
Chevrolet	Malibu	3.9	2007	2007
Chevrolet	Monte Carlo	5.3	2007	2007
Chevrolet	Silverado 1500	4.3	2007	2013
Chevrolet	Silverado 1500	4.8	2007	2013
Chevrolet	Silverado 1500	5.3	2007	2012
Chevrolet	Silverado 1500	6.0	2007	2013
Chevrolet	Silverado 1500	6.2	2009	2013
Chevrolet	Silverado 2500 HD	6.0	2007	2013
Chevrolet	Silverado 3500 HD	6.0	2007	2013
Chevrolet	Sonic	1.4	2012	2013
Chevrolet	Sonic	1.8	2012	2013
Chevrolet	SSR	6.0	2006	2006
Chevrolet	Suburban 1500	5.3	2007	2012
Chevrolet	Suburban 1500	6.0	2007	2009
Chevrolet	Suburban 2500	6.0	2007	2013
Chevrolet	T Series	6.0	2009	2009
Chevrolet	Tahoe	4.8	2007	2009

Chevrolet	Tahoe	5.3	2007	2012
Chevrolet	Tahoe	6.0	2009	2013
Chevrolet	Tahoe	6.2	2009	2009
Chevrolet	Trailblazer	4.2	2008	2009
Chevrolet	Trailblazer	5.3	2006	2008
Chevrolet	Trailblazer	6.0	2006	2009
Chevrolet	TrailblazerEXT	5.3	2005	2006
Chevrolet	Traverse	3.6	2009	2013
Chevrolet	Volt	1.4	2011	2013
Chevrolet	W4 Series	6.0	2009	2009
Chevrolet	WT5500	6.0	2009	2009
GMC	Acadia	3.6	2009	2013
GMC	B7 Chassis	6.0	2009	2009
GMC	C Series	6.0	2009	2009
GMC	Canyon	2.9	2008	2012
GMC	Canyon	3.7	2008	2012
GMC	Canyon	5.3	2009	2012
GMC	Envoy	4.2	2008	2009
GMC	Envoy	5.3	2006	2009
GMC	Envoy XL	5.3	2005	2006
GMC	Envoy XUV	5.3	2005	2005
GMC	Savana (Pro)	4.3	2010	2011
GMC	Savana (Pro)	4.8	2010	2011
GMC	Savana (Pro)	5.3	2010	2011
GMC	Savana (Pro)	6.0	2010	2011
GMC	Savana 1500	4.3	2009	2013
GMC	Savana 1500	5.3	2009	2013
GMC	Savana 2500	4.8	2009	2013
GMC	Savana 2500	6.0	2009	2013
GMC	Savana 3500	4.8	2009	2013
GMC	Savana 3500	6.0	2009	2013
GMC	Savana Pro	4.3	2009	2009
GMC	Savana Pro	4.8	2009	2009
GMC	Savana Pro	5.3	2009	2009
GMC	Savana Pro	6.0	2009	2009
GMC	Sierra 1500	4.3	2007	2013
GMC	Sierra 1500	4.8	2007	2013
GMC	Sierra 1500	5.3	2007	2012
GMC	Sierra 1500	6.0	2007	2013
GMC	Sierra 1500	6.2	2009	2013

GMC	Sierra 2500 HD	6.0	2007	2013
GMC	Sierra 3500 HD	6.0	2007	2013
GMC	Sierra Denali	6.2	2007	2010
GMC	T Series	6.0	2009	2009
GMC	Terrain	2.4	2011	2013
GMC	Terrain	3.0	2011	2012
GMC	Terrain	3.6	2013	2013
GMC	W4 Series	6.0	2009	2009
GMC	WT5500	6.0	2009	2009
GMC	Yukon	4.8	2007	2009
GMC	Yukon	5.3	2007	2012
GMC	Yukon	6.0	2009	2013
GMC	Yukon	6.2	2007	2012
GMC	Yukon XL 1500	5.3	2007	2012
GMC	Yukon XL 1500	6.0	2007	2009
GMC	Yukon XL 1500	6.2	2007	2013
GMC	Yukon XL 2500	6.0	2007	2013
Hummer	H2	6.2	2008	2009
Hummer	H3	3.7	2008	2009
Hummer	H3	5.3	2009	2009
Hummer	H3T	3.7	2009	2009
Hummer	H3T	5.3	2009	2009
Hummer	Hummer H2	6.2	2010	2010
Hummer	Hummer H3	3.7	2010	2010
Hummer	Hummer H3	5.3	2010	2010
Pontiac	G3	1.6	2009	2010
Pontiac	G5	2.2	2008	2009
Pontiac	G6	2.4	2009	2010
Pontiac	G6	3.5	2007	2010
Pontiac	G6	3.6	2007	2010
Pontiac	G6	3.9	2007	2009
Pontiac	G8	3.6	2008	2009
Pontiac	G8	6.0	2008	2009
Pontiac	Grand Prix	5.3	2007	2007
Pontiac	Solstice	2.0	2008	2009
Pontiac	Solstice	2.4	2009	2009
Pontiac	Torrent	3.6	2008	2009
Saturn	Aura	2.4	2009	2009
Saturn	Aura	3.5	2007	2007
Saturn	Aura	3.6	2007	2009

Saturn	Outlook	3.6	2009	2010
Saturn	Sky	2.0	2008	2009
Saturn	Sky	2.4	2009	2009
Saturn	Vue	2.4	2009	2009
Saturn	Vue	3.5	2009	2009
Saturn	Vue	3.6	2009	2009

New Vehicle Coverage:

The focus of version 1.2.0.8 Domestic, Asian and European release was:

- Add enhanced coverage including Actuation and Adjustment tests for Subaru, 1999-2013!
- Add enhanced coverage including Actuation and Adjustment tests for Jaguar, 1997-2012!
- Add enhanced coverage for including Actuation and Adjustment tests Land Rover, 2005-2012!
- Add coverage for 2012 Model Year Volkswagen/Audi vehicles
- Add coverage for 2013 Model Year Honda, Hyundai, Kia, Mazda and Nissan.
- 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.

Vehicle Coverage Overview

- New enhanced coverage for Subaru, 1999-2013!
- New enhanced coverage for Jaguar, 1997-2012!
- New enhanced coverage for Land Rover, 2005-2012!
- New coverage for 2012 Model Year Volkswagen/Audi vehicles
- New coverage for 2013 Model Year for Honda, Hyundai, Kia, Mazda and Nissan
- Expanded coverage for older Hyundai, Kia, Mercedes and BMW systems
- Improved communications and expanded ECU coverage for Mercedes 1999-2012 Model Year vehicles
- Added coverage for 1,735 new systems
- Added coverage for 8,792 new vehicle-ECU combinations
- Added 127 new Adjustment type tests

- Added 731 new Actuation type tests
- 58 new Manufacturer specific descriptions for OBDII Mode 6 parameters for Nissan
- 7 new Tire Pressure Sensor Registration tests for GM, Honda, Hyundai, Kia, Subaru and Fiat
- Updated Repair Information for the following:
 - Updated ABS Brake Bleed Procedures for all manufacturers
 - Updated Oil Light Reset Procedures for all manufacturers.
 - Updated Tune Up Specs for all manufacturers.
 - Updated TSB References - GM, Ford, Chrysler, Jeep

New Coverage – USA Domestic

General Motors / Saturn Coverage

- Coverage added for Model Year 2005-2006 Colorado/Canyon Transfer Case
- 40 new systems covered.
- 43 new vehicle-ECU configurations.
- 111 new Actuation type special tests, including:
 - Canister Purge
 - CMP Actuator tests
 - Cylinder Power Balance
 - EGR Control
 - EVAP Purge Solenoid
 - EVAP Purge/Seal
 - EVAP Service Bay Test
 - EVAP Vent Solenoid
 - Fan tests
 - Fuel Injector Balance
 - O2 Sensor Heater tests
 - Transmission solenoids
 - TCC tests
 - Transmission Gear
 - EGR Positioner Test
 - Intake and Exhaust CMP Actuator tests
- 18 new Adjustment type special test, including:
 - Engine module Crank Learn

- Fuel Trim Reset
- HO2S Heater Learn
- Idle Learn Reset
- Oil Life Reset
- Transmission module tests
- Clear TAP
- Reset Trans Adapts
- Tire Pressure Sensor Registration tests

Chrysler/Jeep Coverage

- New Injector Kill (All Cylinders) test for Cummins diesel engines
- Coverage added for Model Year 2003-2004 Dakota Airbag
- 4 new Adjustment type special test for Set Pinion Factor tests for 2002-2005 Ram trucks and other vehicles
- 11 new Actuation type special tests including Fuel Control Test for 2003 Ram Diesel trucks

New Coverage – USA Asian

Honda Coverage

- Complete coverage added for 2013 Model Year vehicles
- New coverage added for 2012-2013 CR-V Real-Time AWD system
- New coverage added for CAN protocol Airbag, Seat Weight Sensor and TPMS systems
- 26 new systems covered.
- 277 new vehicle-ECU configurations.
- 8 new Actuation type special tests, including:
 - Crash Detection Signal Output tests
 - Occupied Signal Output
 - MA EPS Switching
- 8 new Adjustment type special test, including:
 - Crank Pattern Learning
 - EPS Steering Sensor Value Clear
 - Torque Sensor Learn
 - Tire Pressure Sensor Registration

Hyundai Coverage

- Complete coverage added for 2013 Model Year vehicles
- Expanded coverage for 2007-2012 Smart Key Unit system
- Expanded coverage for 2009-2012 Power Distribution Module system
- 228 new systems covered.
- 293 new vehicle-ECU configurations.
- 91 new Actuation type special tests, including:
 - Transmission solenoids
 - Electric Parking Brake Apply
 - Release tests
 - Body actuations
 - Body relays
 - CKP CMP Signal Test
 - Cylinder Power Balance
 - EVAP tests
- 11 new Adjustment type special test, including:
 - Air Bleeding Mode
 - Auto Detected Config Reset
 - Reset Adaptive Values
 - Tire Pressure Sensor Registration

Kia Coverage

- Complete coverage added for 2013 Model Year vehicles
- Expanded coverage for 2011-2012 Smart Key Unit system
- Expanded coverage for 2011-2012 Power Distribution Module system
- 123 new systems covered.
- 140 new vehicle-ECU configurations
- 34 new Actuation type special tests, including:
 - Transmission solenoids
 - Electric Parking Brake Apply
 - Electric Parking Brake Release
 - Body actuations and relays tests
 - EVAP tests
- 6 new Adjustment type special test, including:

- Air Bleeding Mode test
- Reset Adaptive Values test
- Tire Pressure Sensor Registration

Mazda Coverage

- Complete coverage added for 2013 Model Year vehicles
- 36 new systems covered.
- 46 new vehicle-ECU configurations.
- 3 new Actuation type special tests, including:
 - ABS Power Relay
 - Stability Control Solenoid tests
- 1 new Adjustment type special test, ID Registration Mode for Instrument Cluster system

Nissan Coverage

- Complete coverage added for 2013 Model Year vehicles
- New coverage added for 2009-2010 Cube, 2011-2013 Leaf and 2012-2013 M35h
- New coverage added for 2009-2013 Accelerator Pedal Module system
- Special Tests availability check has been added for most modules 1995-2013. This means the list of tests for the selected vehicle and ECU will be more accurate for what is actually supported by the vehicle.
- 4 new Nissan specific descriptions for OBDII Mode 6 parameters
- 29 new systems covered.
- 356 new vehicle-ECU configurations.

Subaru Coverage

- New enhanced coverage for Subaru, 1999-2013!
- New coverage includes DTCs, live data and tests for Engine, ABS, Airbag, TPMS, Body, Meter, Occupant Detection, Air Conditioning and Electric Parking Brake
- Improved OBD-II communications on older Subaru vehicles.
- 41 new systems covered.
- 445 new vehicle-ECU configurations.
- 33 new Actuation type special tests, including:
 - AC Compressor Relay
 - Clutch PC Solenoids
 - EGR Valve
 - ELCM Pump

- Fuel Pressure Solenoid
- Fuel Pump
- Fuel Tank Sensor Control Valve
- Idle Speed Adjustment
- Injection Quantity Control
- Injectors tests
- PCV Test
- Vent Valve test
- 43 new Adjustment type special test, including:
 - Body settings and preferences for seats, locks, lights and alarms
 - Tire Pressure Sensor Registration

New Coverage – USA European

Jaguar Coverage

- New enhanced coverage for Jaguar, 1997-2012!
- New coverage includes Engine, ABS, Airbag, TPMS, Body, Instrument Panel, Occupant Classification, HVAC, Cruise Control, Seats, Doors, Suspension, Steering
- 370 new systems covered.
- 1,365 new vehicle-ECU configurations.
- 176 new Actuation type special tests, including:
 - Adaptive Damping System solenoids
 - Air Conditioning system Door
 - Blower tests
 - ABS Inlet and Outlet Valves
 - Body module Lights
 - Lamps
 - Wiper
 - Washer tests
 - Door modules tests for Windows and Mirrors
 - Seat modules tests
 - Engine tests for Cooling Fans
 - EVAP tests
 - Fuel Pump
 - O2 Heater

- Variable Valve Timing
- Instrument Panel tests for Gauges and Lamps.

Land Rover Coverage

- New enhanced coverage for Land Rover, 2005-2012!
- New coverage includes Engine, ABS, Airbag, TPMS, Body, Instrument Panel, Occupant Classification, HVAC, Cruise Control, Seats, Doors, Suspension, Steering
- 222 new systems covered.
- 503 new vehicle-ECU configurations.
- 84 new Actuation type special tests, including:
 - ABS Pump Motor Relay
 - Body module Lights
 - Lamps tests
 - Wiper testes
 - Washer tests
 - Door modules tests for Windows and Mirrors
 - Engine tests for EGR
 - EVAP tests
 - Fuel Pump
 - O2 Heater
 - Variable Valve Timing test
 - Instrument Panel tests for Gauges and Lamps
- Parking Brake module Apply and Release tests.

Fiat Coverage

- 34 new Actuation type special tests, including:
 - Instrument Cluster tests
 - Gauge and Lamp tests.
- 4 new Adjustment type special tests, including:
 - Longitudinal Sensor Calibration
 - Oil Service Reset
 - Tire Pressure Sensor Registration

- Update Front and Rear Axle Nominal Tire Pressure Values

Audi Coverage

- New coverage added for 2012 Model Year vehicles
- 202 new systems covered.
- 291 new vehicle-ECU configurations.

BMW/Mini Coverage

- Expanded coverage for 2004-2010 X3 for Climate Control and Park Distance Control systems
- Expanded coverage for 2006-2010 X3 for Subwoofer Module system
- 4 new systems covered.
- 26 new vehicle-ECU configurations.
- 8 new Actuation type special tests, including:
 - Instrument Cluster Indicator Control
 - Light tests
 - Electric Fuel Pump
 - Module Fuel Pump
 - Fuel Pump Timeout tests

Mercedes Coverage

- Improved communications and expanded ECU coverage for 1999-2012 vehicles
- 4,779 new vehicle-ECU configurations.

Volkswagen Coverage

- New coverage added for 2012 Model Year vehicles
- 218 new systems covered.
- 270 new vehicle-ECU configurations.

Technician / Customer Reported Defect Fixes:

Voice Of Customer (VOC) Reported Fixes:

- Fixed the “Loading Content” message on Controller screen. It now updates with more status messages.
- Fixed the “Loading Content” message hang in Auto ID. It now updates with more status messages.
- Fixed the length of time the “Loading Content” message is displayed on initial reboot of tool in Manual Entry.

- Fixed the non-responsive buttons in some Special Tests
- Fixed the issue in which Data Stream would hang when “Pinch Zoom” was selected

Chrysler Fixes:

- Fixed Chrysler ST display issue in which the “Variant Version” data items were incorrect
- Fixes to IAC, Cylinder contribution and Fan test
- Coverage added for Model Year 2003-2004 Dakota Airbag

GM Fixes:

- Fixes to MIL LAMP test.
- Fixed 2010 Chevy Camaro DataStream zoom sticks in “Loading Content” issue.
- Fixed 2010 Chevy "Loading Content and spinner" would not close after zooming to two selected data items issue.

Ford Fixes:

- Fixed 2009 Ford Taurus sticks in “Loading Content” when maximizing PIDs to full screen mode issue.

Honda Fixes:

- Enhancement to Engine DTC reading for older vehicles
- Fixed 2008 Honda CRV locks up and displays “Loading Content – please wait and spinner ” when loading data stream issue
- Fixed Honda Shift Solenoid Function issue
- Fixed Honda Special Test instability

Nissan Fixes:

- Improvements to Nissan Special Test Availability
- Fixed the vehicle selection issue for 2007 Murano

BMW Fixes:

- Coverage added for Model Year 1998 BMW M3.

Subaru Fixes:

- Enhancement to the Global OBDII communications.

Engineering Reported Defect Fixes:

Honda Fixes:

- Fixed speedometer test for Instrument Panel Module.
- Fixed Data Items for Multiplexed ICU Passenger Module.
- Added DTC 77-01 to Four Wheel Drive Module.

Nissan Fixes:

- Fixed No Communication issue on Body Controller (TPMS) for 2010 Altima
- Fixed clear codes for 2011 Murano ABS.
- Added ABS coverage for 2009 and 2010 Altima Hybrid.

General Fixes:

- Fixed the filtering by checked items issue in DataStream.

There are more defect fixes, improvements, etc. as in each release!

Thank you for your patronage!

DRAFT