

Exemplary Vehicle Software Recalls

NHTSA Identifi- cation Number:	Date of Company Notifica- tion	Make	Model	Model Year	Number of Vehicles
---	---	------	-------	---------------	-----------------------

03V-124	3-14-03	BMW	325I, 325CI	2003	1,056
-------------------------	---------	-----	-------------	------	-------

Brief Description of Defect

Mfg. Campaign No. N/A - ECM. DOM-8/13/02-10/10/02. Increase of engine idle speed occurs with engine running and vehicle at rest. Correct by reprogramming the digital engine management control unit.

08V-595	11-14-08	BMW	M3	2008-09	2,500
-------------------------	----------	-----	----	---------	-------

Brief Description of Defect

Mfg. Campaign No. N/A - ECM. DOM: 11/07-9/08. On vehicles with optional double clutch transmission, in situation of rapid vehicle deceleration, transmission software may perform multistage downshift. At low vehicle speeds, engine can stall resulting in crash. Correct by reprogramming engine and transmission electronic control unit with updated software.

06V-007	01-11-06	Cadillac	STS	2006	1,327
-------------------------	----------	----------	-----	------	-------

Brief Description of Defect

Mfg. Campaign No. 6502 - Electronic Control Module. DOM: 8/05-1/06 On vehicles with all wheel drive and 3.6L V6 engine, torque monitoring functions of electronic throttle control (ETC) are not enabled. These functions can limit engine speed and torque if unusual engine control module (ECM) hardware or software failures occur. Without these functions enabled, persistent ECM failure could result in throttle opening greater than commanded by driver and crash could occur. Correct by reprogramming ECM on these vehicles.

06V-020	01-20-06	Cadillac	CTS, STS	2005-06	17,462
-------------------------	----------	----------	----------	---------	--------

Brief Description of Defect

Mfg. Campaign No. 5111 - Electronic Control Module. DOM: 4/05-7/05 Vehicles with V6 engines may have condition where fuel is no longer supplied to engine and without illumination of fuel level low indicator light or warning chime. If engine stops running, operator will not be able to restart vehicle which could result in crash. Correct by reprogramming electronic control module (ECM) with new software.

13V-283	7-2-13	Chrysler Dodge	Town & Country Grand Caravan Ram C/V Tradesman	2013	224,264
-------------------------	--------	-------------------	--	------	---------

Brief Description of Defect

A software error may result in the opposite side airbags deploying from the collision point (a left side impact would deploy the right side airbags and vice versa). In the event of a crash, the wrong side airbags could deploy leaving the occupant with no airbag protection at the point of impact, increasing the risk of injury. Chrysler will notify owners, and dealers will flash the occupant restraint control module, free of charge.

13V-127	4-9-13	Daimler Truck	Cascadia Coronado	2012-14	50
-------------------------	--------	---------------	----------------------	---------	----

Brief Description of Defect

In the affected vehicles, when the ignition is off and the door is opened without the parking brake applied, the dashboard does not display the correct message of "Park Brake Off Door Open." Without the proper warning, a driver may not be reminded to apply the parking brake which may lead to a vehicle roll away, increasing the risk of a crash. DTNA will notify owners, and dealers will update then display software.

13V-500	11-1-13	Honda	Odyssey	2007-08	344,187
-------------------------	---------	-------	---------	---------	---------

Brief Description of Defect

Mfg. Campaign No. JC5 – Vehicle Safety Assist. DOM-8/8/06-9/8/08. Combination of system components and software cause vehicle safety assist system to apply brakes unexpectedly. Vehicles brake hard suddenly and unexpectedly without illumination of brake lights. Correction unavailable until Spring 2014.

08V-066	02-12-08	Infiniti Nissan	EX35 Murano	2008 2009	16,365
-------------------------	----------	--------------------	----------------	--------------	--------

Brief Description of Defect

Mfg. Campaign No. P8201 - Airbag. DOM: N/A. Due to incorrect software programming, airbag control unit may cause passenger airbag not to operate as designed if vehicle battery becomes significantly discharged. This could result in airbag not inflating in crash and increased risk of injury. Correct by reprogramming airbag control unit.

13V-430	9-26-13	Infiniti	M35, M45	2006-10	98,307
-------------------------	---------	----------	----------	---------	--------

Brief Description of Defect

The accelerator pedal sensor signal may deteriorate resulting in the output of an incorrect signal

causing the engine to go into fail-safe (limp home) mode. In this fail-safe mode, throttle valve deposits may cause the engine to stall when the vehicle is coming to a stop or at idle, increasing the risk of a crash. Nissan will notify owners, and dealers will replace the accelerator pedal assembly and reprogram the engine control module, free of charge.

13V-233	6-4-13	Jeep	Compass Patriot	2010-12	254,396
-------------------------	--------	------	--------------------	---------	---------

Brief Description of Defect

The affected vehicles have a software error which may result in a delayed deployment or non-deployment of the seatbelt pre-tensioners and/or side airbags. In the event of a rollover necessitating airbag deployment, the software error can lead to a delayed deployment or non-deployment of the side curtain airbag and/or seatbelt pre-tensioners. As a result, vehicle occupants have an increased risk of injury in a crash. Chrysler will notify owners, and dealers will correct the software free of charge.

13V-244	6-11-13	Kenworth	T470 T800	2014	4
-------------------------	---------	----------	--------------	------	---

Brief Description of Defect

A parameter in the Electronic Service Analysis (ESA) tool was mistakenly switched to disable the start-in-gear protection feature. Because of this, the vehicles may be started when the automatic transmission is in gear. If the vehicle is started while it is in gear, it may move unexpectedly, increasing the risk of a crash. PACCAR will notify owners and dealers will correct the ESA parameter, free of charge.

08V-303	07-07-08	Mercedes	C-Class CL-Class CLK Class CLS E-Class G Class M-Class, R-Class S-Class SLK SL-Class	2005-08 2004, 2008 2003-04, 2006-08 2008 2003-08 2003 2006-08 2004, 2007-08 2005-09 2003-04, 2006, 2009	404
-------------------------	----------	----------	---	--	-----

Brief Description of Defect

Mfg. Campaign No. 2008 070001 - DOM: 11/02-5/08. Software calibration number coding during workshop visit was incorrect. Depending on model year and model affected, incorrect SCN coding can affect number of vehicle safety and emission functions including following functions: (1) fuel gauge readings may be incorrect; (2) stuck fuel-level sensor may not be

displayed in instrument cluster; (3) OBD system may cause check engine light to illuminate incorrectly; and, (4) speedometer may be out of tolerance. In vehicle crash, electrical fuel pump may not receive crash signal that is required for fuel pump to disconnect and prevent fuel delivery. Correct by recoding software calibration number.

08V-603	11-21-08	MCI	D4005, D4505 E4500, J4500	2002-08 2001-08	1,893
-------------------------	----------	-----	------------------------------	--------------------	-------

Brief Description of Defect

Mfg. Campaign No. 308 - DOM: N/A. On motor coaches with ZF transmissions, shift selector can malfunction as result of cell phone or radio being placed in close proximity to shifter control pad. When this happens, shift selector may move into reverse without driver knowledge resulting in crash. Correct by providing software update that protects against transient analog or digital signal interference.

08V-296	07-03-08	New Flyer	C40LF, C40LFR, D35LF, D40LF, D41LF, D61LFR, DE41LF, DE41LFR, DE61LF, E40LFR, GE40LFR	2008	319
-------------------------	----------	-----------	---	------	-----

Brief Description of Defect

Mfg. Campaign No. R08-022 - Electronic Control Module. DOM: 4/08-6/08. On transit buses with Parker Hannifin (Vansco) control modules, programmable logic control modules may have defective printed circuit boards which could produce erratic behavior of input/output signals to and from affected module. This erratic behavior could impact functions such as headlights, brake lights, throttle control, and control of articulated joint. Failure of module to properly control vehicle sub-systems could result in vehicle crash, injury or death. Correct by replacing module.

08V-392	08-08-08	Newell	Motor Home	2005-08	80
-------------------------	----------	--------	------------	---------	----

Brief Description of Defect

Mfg. Campaign No. N/A-- DOM: 4/05-10/07. On model 450 motor homes with ZF transmissions. There is potential for shift selector to malfunction as result of cell phone or radio being placed in close proximity to shifter control pad. The interference from cell phone or radio could result in an unexpected change in direction and possible crash if specific sequence of events were to occur. Dealers will update software for transmission shift controller .

13V-445	10-17-13	Nissan	Pathfinder	2013-14	151,695
-------------------------	----------	--------	------------	---------	---------

Brief Description of Defect

Antilock brake system brake pressure output software increases stopping distance and increases risk of crash. Correct by reprogramming ABS.

08V-007	01-09-08	Prevost	H3-41, H3-45 XLII X3-45	2004-08 2004-06 2007-08	392
-------------------------	----------	---------	-------------------------------	-------------------------------	-----

Brief Description of Defect

Mfg. Campaign No. SR07-10 - DOM: N/A. On motor coaches with ZF/Arens Astronic shift selectors, cell phone placed in proximity of shifter touch pad could cause display to change from 'R' (reverse) to 'D' (drive) should phone receive call. This interference can cause transmission to not operate or cause improper shifting, as forward gear can be engaged from neutral only, if vehicle has been stopped, and if brake pedal has been depressed. If malfunction occurs while 'R' (reverse) is being selected, shifter may change to 'D' (drive), resulting in crash. Prevost will mail stickers and installation instructions to their owners and will also arrange to have transmission software upgraded.

13V-316	7-19-13	Spartan	Utilimaster Reach	2012-13	330
-------------------------	---------	---------	-------------------	---------	-----

Brief Description of Defect

A software problem in the control module may cause the vehicle to have an inadvertent engine shutdown. An engine shutdown without warning increases the risk of a crash. Spartan will notify owners, and dealers will replace the control modules free of charge.

13V-434	9-16-13	Vactor	Ramjet	2012-13	30
-------------------------	---------	--------	--------	---------	----

Brief Description of Defect

Vactor Manufacturing is recalling certain model year 2012-2013 Ramjet vehicles equipped with Allison Transmissions. Due to an incorrect transmission software parameter, the vehicle may go into drive mode while in PTO is being used. The remote throttle would function and the vehicle could potentially over power the park brake causing personal injury or a vehicle crash. Correct by reprogramming transmission software.

08V-235	05-28-08	VW	Passat Tiguan	2008 2009	6,579
-------------------------	----------	----	------------------	--------------	-------

Mfg. Campaign No. 24M9/R7 - ECM. DOM: 12/07-4/08. Vehicles with 2.0t FSI ULEV II engines have engine control module (ECM) containing software that may not properly control engine idle with A/C turned on. In rare cases, ECM may unexpectedly increase engine rpm and cause engine surge which may surprise vehicle operator and result in crash without warning. Correct by inspecting and updating ECM software

13V-377	8-21-13	Volvo	S60 S80 XC60	2014	7,767
-------------------------	---------	-------	--------------------	------	-------

XC70

Brief Description of Defect

Volvo is recalling certain model year 2014 S60, S80, XC60 and XC70 vehicles equipped with keyless ignition. In the affected vehicles, the Central Electronic Module (CEM) will not perform as intended. As a result, the front windshield wipers might run continuously when the ignition is on. Also, the turn signals, high beams, and headlight switch might not work. Malfunctioning head lamps and/or turn signals increase the risk of a crash. Volvo will notify owners, and dealers will upgrade the CEM software, free of charge.

[13V-171](#) 5-1-13 Volvo Bus 9700 Coach 2009-13 285

Brief Description of Defect

Certain conditions may cause the affected coaches to go into a software controlled mode that would result in the throttle signal being fixed at 1750rpms regardless of throttle pedal input from the driver. The driver may lose the ability to control the bus's speed, increasing the risk of a crash. Volvo Bus will notify owners and dealers will remedy the software calibrations in the affected coaches, free of charge.