Software Safety Recalls in 2014-2015

Autocar, LLC

15V-280 05-13-15 Autocar Xpeditor 2008-16 5,245 Brief Description of Defect: Xpeditor Xpeditor Xpeditor Xpeditor Xpeditor

Mfg. Campaign No. ACX-1503 - Crankcase. DOM: 7/07-4/15. Excessive engine crankcase pressures may cause 90-degree elbow of vent tube assembly to detach from crankcase ventilation breather, allowing engine oil to come into contact with hot surfaces and result in fire. Correct by securing ends of 90-degree elbow and reprogramming electronic control module with software that can adjust engine output under misfire conditions to limit crankcase pressures.

15V-28105-13-15AutocarXpert, Xspotter2014-1641Brief Description of Defect:

Mfg. Campaign No. MDTT-01 - Crankcase. DOM: 9/13-4/15. Excessive engine crankcase pressures may cause 90-degree elbow of vent tube assembly to detach from crankcase ventilation breather, allowing engine oil to come into contact with hot surfaces and result in fire. Correct by securing ends of 90-degree elbow and reprogramming electronic control module with software that can adjust engine output under misfire conditions to limit crankcase pressures.

Blue Bird Body Co. (Micro Bird Inc, now Blue Bird Corp., see Girardin Minibus, Inc.)

15V-29305-19-15Blue BirdAll American2009-16840Brief Description of Defect:

Mfg. Campaign No. R15YE-SB - Crankcase. DOM: 12/08-5/15. Excessive engine crankcase pressures may cause 90-degree elbow of vent tube assembly to detach from crankcase ventilation breather, allowing engine oil to come into contact with hot surfaces and result in fire. Correct by securing ends of 90-degree elbow and reprogramming electronic control module with software that can adjust engine output under misfire conditions to limit crankcase pressures.

15V-29405-19-15Blue BirdAll American2009-1634Brief Description of Defect:

Mfg. Campaign No. R15YE-NSB - Crankcase. DOM: 12/08-5/15. Excessive engine crankcase pressures may cause 90-degree elbow of vent tube assembly to detach from crankcase ventilation breather, allowing engine oil to come into contact with hot surfaces and result in fire. Correct by securing ends of 90-degree elbow and reprogramming electronic control module with software that can adjust engine output under misfire conditions to limit crankcase pressures.

BMW (Bayerischen Motoren Werke, BMW of North America, Inc.)

 14V-789
 12-15-14
 Mini
 Cooper S, Cooper
 2014
 1,928

 Brief Description of Defect:

 1,928

Mfg. Campaign No. N/A - Transmission shift/FMVSS 114. DOM: 1/14-10/14. During service appointments, dealers may have inadvertently reprogrammed transmission control unit with software that may allow drivers to exit vehicle when transmission is not in park. Vehicles fail to meet FMVSS 114. If driver exits vehicle without transmission being in park, vehicle could roll

away as driver and other occupants exit vehicle or anytime thereafter. vehicle rollaway increases risk of injury to exiting occupants and bystanders. Correct by reprogramming transmission control module with correct software.

15V-14803-13-15BMW428i, 435i20152,067Brief Description of Defect:

Mfg. Campaign No. N/A- Airbag control module software/FMVSS 208. DOM: 10/14-2/15. Due to programming error, driver's front airbag deployment timing may be incorrect. Vehicles fail to meet FMVSS 208. Driver may be injured in crash. Correct by reprogramming airbag control module.

15V-520	08-17-15	BMW	320i, 320xi, 328i, 328xi,	2012-15	7,727
			335i, 335xi,		
			Activehybrid 3		
			328d, 328xd	2014-15	
-		a .			

Brief Description of Defect:

Mfg. Campaign No. N/A - Lights. DOM: 10/11-6/15. Vehicles may have been programmed with software that inadvertently makes front side marker lights inoperative in conjunction with parking lights or headlights. Vehicles fail to meet FMVSS 108. If side marker lights do not illuminate, vehicle may be less visible at night and result in crash. Correct by uploading revised software.

15V-537	08-24-15	BMW	G 650 GS Serato	2013-14	1,060
			G 650 GS	2013-15	

Brief Description of Defect:

Mfg. Campaign No. N/A - ECU software. DOM: 3/13-3/15. Motorcycles may stall when they are idling and clutch lever is pulled in. Engine stall may result in crash. Correct by installing revised version of engine control unit software.

Champion Bus, Inc.

14V-30305-28-14Champion BusDefender20142Brief Description of Defect:

Mfg. Campaign No. N/A - Transmission software. DOM: N/A. On shuttle buses built on Freightliner M2 chassis with Eaton hybrid automated transmissions, software controlling transmissions may improperly raise vehicle's engine speed during downshifts without driver's input. Increase in engine speed may result in unintended acceleration and crash. Eaton will perform recall remedy. Correct by updating hybrid transmission software.

Chrysler Group LLC (now FCA US LLC, formerly DaimlerChrysler Corp, Daimler LLC, Chrysler Corp.)

14V-103	03-04-14	Fiat	500L	2014	18,092
Brief Descr	ription of D	efect:			

Mfg. Campaign No. P06 - Transmission gear shift. DOM: 4/13-1/14. In certain [unspecified] temperatures, moving transmission shift lever may have delayed effect or no effect on selecting

transmission gear. If there is no effect, vehicle might not shift out of park position. If there is delayed effect, vehicle may move in unintended or unexpected direction, resulting in crash. Correct by replacing shifter module or updating shifter software, as necessary.

14V-104	03-04-14	Dodge	Durango	2012-13	18,690
		Jeep	Grand Cherokee		
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Brief Description of Defect:

Mfg. Campaign No. P05 - ABS. DOM: 10/11-10/12. Under braking events, ready alert braking system (rab) may result in driver experiencing hard brake pedal feel. If driver experiences hard brake pedal, driver may not push pedal as intended, lengthening distance needed to stop vehicle and result in crash. Correct by updating ABS module software.

14V-293	06-04-14	Dodge	Durango	2014	6,082
		Jeep	Cherokee		
			Grand Cherokee		

Brief Description of Defect:

Mfg. Campaign No. P31 - Adaptive cruise control. DOM: 1/14-4/14. When adaptive cruise control is engaged and driver presses accelerator pedal to increase vehicle's speed more than cruise control system would on its own, vehicle may continue to accelerate briefly after accelerator pedal is released. Unintended continued acceleration may result in crash. Correct by re-flashing driver assistance system module.

14V-528	09-04-14	Ram	C/V Tradesman	2013-15	18,245
Brief Desc	ription of D	efect:			

Mfg. Campaign No. P51 - ORC module. DOM: 7/12-8/14. On vans with two front bucket seats and no rear seating, road hazards such as potholes may cause front passenger side curtain and/or seat air bags to deploy unexpectedly, resulting in crash or injury to seat occupant. Correct by updating software in occupant restraint control (orc) module.

14V-632	10-08-14	Chrysler	Town & Country	2014	10,390
		Dodge	Grand Caravan		
		Jeep	Wrangler		

Brief Description of Defect:

Mfg. Campaign No. P63 -TPMS/FMVSS 138. DOM: 3/14-4/14. Due to software error, tire pressure monitoring system (TPMS) may fail to learn locations of individual sensors while vehicle is being driven. Low tire pressure warning light will illuminate, despite tire pressures being within specification. Should one of tires lose air pressure, driver would not be notified of change in air pressure. Vehicles fail to meet FMVSS 138. If TPMS light illuminates because sensors cannot be located, it could mask actual low tire pressure condition, result in tire failure and crash. Correct by reprogramming TPMS module.

 14V-633
 10-08-14
 Ram
 Promaster
 2014
 23,053

 Brief Description of Defect:
 2014
 23,053
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Mfg. Campaign No. P62 - TPMS/FMVSS 138. DOM: 4/13-8/14. Due to software error, tire pressure monitoring system (TPMS) may fail to learn locations of individual sensors while vehicle is being driven. Low tire pressure warning light will illuminate, despite tire pressures

being within specification. Should one of tires lose air pressure, driver would not be notified of change in air pressure. Vehicles fail to meet FMVSS 138. If TPMS light illuminates because sensors cannot be located, it could mask actual low tire pressure condition, result in tire failure and crash. Correct by updating TPMS module with new software.

14V-636	10-08-14	Dodge	Durango	2014	132,223
		Jeep	Grand Cherokee		
D ' CD		· C 4 -			

Brief Description of Defect:

Mfg. Campaign No. P64 - Steering control module. DOM: 10/13-4/14. Due to issue with software for steering column control module (SCCM), electronic stability control (ESC) may be disabled. If ESC is disabled, driver may not be able to adequately control vehicle, resulting in crash. Correct by updating SCCM software.

14V-643	10-14-14	Dodge	Durango	2014	126,772
		Jeep	Grand Cherokee		

Brief Description of Defect:

Mfg. Campaign No. P67 - ORC module. DOM: 10/12-6/14. Due to fault within occupant restraint control (OCR) module, frontal air bags, seat belt pretensioners, and side air bags may be disabled. malfunction indicator light "mil" should illuminate to initially warn drivers of failure. If frontal air bags, seat belt pretensioners, and side air bags are disabled, injury may result to vehicle occupants in crash. Correct by replacing OCR module.

14V-749	11-24-14	Dodge	Challenger	2015	11,668
Brief Desc	ription of D	efect:			

Mfg. Campaign No. P74 - Instrument panel/FMVSS 101. DOM: 6/14-10/14. Iinstrument cluster may become inoperative. This could cause gauges to oscillate at zero and vehicle theft alarm could remain illuminated. Vehicles fail to meet FMVSS FMVSS 101. If instrument cluster becomes inoperative, it can result in crash. Correct by installing software enhancement.

15V-041	01-28-15	Jeep	Cherokee	2014-15	230,240
Brief Desc	ription of D	efect			

Mfg. Campaign No. R05 - Airbag. DOM: 1/13-11/14. Vehicles may experience unintended side curtain and seat airbag deployment during operation. If airbags deploy unexpectedly during vehicle operation, personal injury and crash can result. Correct by re-flashing occupant restraint control module software.

	03-27-15	1 1 at	3000	2013-15	5,058
15V-179	03-27-15	Fiat	500e	2013-15	5.638

Mfg. Campaign No. R15 - Control module software. DOM: 3/12-11/14. If vehicle goes in to limp home mode, incompatible software between electric vehicle control unit and battery pack control module may cause electric propulsion system to fully shut down and cause stall-like condition, resulting in crash. Correct by updating software to ensure compatability between components.

15V-290	05-18-15	Ram	4500, 5500	2014-15	1,771
Brief Desc	ription of D	efect:			

Mfg. Campaign No. R17 - ECU software. DOM: 8/13-1/15. Vehicles have maximum governed speed of 106 mph but are fitted with tires that are only rated for maximum speed of 87 mph. If vehicle exceeds tires' maximum speed rating, tires may suddenly fail and result in crash. Correct by modifying electronic control unit software to limit vehicle's speed to 87 mph.

15V-29105-18-15Fiat500e2013-153,851Brief Description of Defect:Mfg. Campaign No. R20 - ECU software. DOM: 3/13-3/15. Electric vehicle control unit(EVCU) of vehicles may set diagnostic trouble code that may cause transmission to
unexpectedly shift to neutral. If vehicle unexpectedly shifts to neutral, loss of drive could
increase risk of crash. Correct by reprogramming EVCU.

15V-46007-22-15Ram1500, 2500, 35002013-15667,406Brief Description of Defect

Mfg. Campaign No. R23 - ORC module software. DOM: 6/12-1/15. Side impact sensor calibrations may be overly sensitive, and side airbag inflatable curtains and seat airbags may unexpectedly deploy and seat belt pre-tensioners may activate. Airbags that unexpectedly deploy may result in crash or injury. Correct by updating occupant restraint control module calibration

15V-461	07-23-15	Chrysler	200, 300	2015	1,416,376
		Dodge	Challenger, Charger		
			Durango	2014-15	
			Viper	2013-15	
		Jeep	Cherokee,	2014-15	
			Grand Cherokee		
		Ram	1500, 2500, 3500,	2013-15	
			4500, 5500		

Brief Description of Defect

Mfg. Campaign No. R40 - Radio software. DOM: 6/12-7/15. Vehicles have radios that have software vulnerabilities that can allow third-party access to networked vehicle control systems. Exploitation of software vulnerability may result in unauthorized remote modification and control of vehicle systems, resulting in crash. In effort to mitigate effects of security vulnerability, Chrysler had wireless service provider close open cellular connection to vehicle that provided unauthorized access to vehicle network. This measure may not have been implemented on all vehicles and does not address access by other means that will be remedied by software update. Correct by providing usb drive that includes software update that eliminates vulnerability, by downloading update to their own usb drive from http://www.driveuconnect.com/software-update/ or taking vehicle to Chrysler dealer.

15V-467 07-27-15 Dodge Charger 2011-14 284,153

Brief Description of Defect:

Mfg. Campaign No. R35 - ORC module software. DOM: 5/10-6/14. Side impact sensor calibrations may be overly sensitive, and as result, side airbag inflatable curtains and seat airbags may unexpectedly deploy and seat belt pre-tensioners may activate. Airbags that unexpectedly deploy increase risk of crash or injury. Correct by updating occupant restraint control module calibration.

15V-508	08-12-15	Jeep	Renegade	2015	7,810
Brief Desc	ription of D	efect			

Mfg. Campaign No. R45 - Radio software. DOM: 9/14-6/15. Vehicles have radios that have software vulnerabilities that can allow third-party access to networked vehicle control systems. Exploitation of software vulnerability may result in unauthorized remote modification and control of vehicle systems, resulting in crash. In effort to mitigate effects of security vulnerability, Chrysler had wireless service provider close open cellular connection to vehicle that provided unauthorized access to vehicle network. This measure may not have been implemented on all vehicles and does not address access by other means that will be remedied by software update. Correct by providing usb drive that includes software update that eliminates vulnerability, by downloading update to their own usb drive from http://www.driveuconnect.com/software-update/ or taking vehicle to Chrysler dealer.

Crane Carrier Co.

Brief Desc	ription of D	efect:			
15V-314	05-27-15	Crane	COE, LDT2, LET2	2008	630

Mfg. Campaign No. N/A - Crankcase. DOM: 2/08-5/15. Excessive engine crankcase pressures may cause 90-degree elbow of vent tube assembly to detach from crankcase ventilation breather, allowing engine oil to come into contact with hot surfaces and result in fire. Correct by securing ends of 90-degree elbow and reprogramming electronic control module with software that can adjust engine output under misfire conditions to limit crankcase pressures.

Cummins Engine Co. (Cummins Inc.)

15E-030	04-20-15	Engine	ISL G	28,941
Brief Descr	ription of D	efect:		

Mfg. Campaign No. C1627 - Crankcase. DOM: 2/07-4/15. Excessive engine crankcase pressures may cause 90-degree elbow of vent tube assembly to detach from crankcase ventilation breather, allowing engine oil to come into contact with hot surfaces. If engine oil comes into contact with hot surface, there is increased risk of fire. Correct by securing ends of 90-degree elbow and reprogramming electronic control module with software that can adjust engine output under misfire conditions to limit crankcase pressures.

ElDorado Industries, Inc. (ElDorado National (California), Inc., ElDorado National (Kansas), Inc.)

15V-316	05-27-15	Eldorado	Axess, E-Z Rider Ii,	2007-15	599
			Xhf		

Brief Description of Defect:

Mfg. Campaign No. N/A - Crankcase. DOM: 7/07-5/15. Excessive engine crankcase pressures may cause 90-degree elbow of vent tube assembly to detach from crankcase ventilation breather, allowing engine oil to come into contact with hot surfaces and result in fire. Correct by securing ends of 90-degree elbow and reprogramming electronic control module with software that can adjust engine output under misfire conditions to limit crankcase pressures.

Emergency One Inc.

14V-217	04-18-14	E-One	Cyclone Ii, Quest,	2013-14	112
			Typhoon		

Brief Description of Defect:

Mfg. Campaign No. N/A - ECU. DOM: 3/13-4/14. On Quest fire fighting chassis with vehicle input module (VIM) part number 508875, VIM, used to supply programming inputs that monitor and control some vehicle functions such as lights, warning indicators and some interlock functions of vehicle electrical system, has software that affects operation of brake lights and other electrical operations of vehicle. VIM software may cause vehicle's brake lights to be illuminated even when vehicle is not braking and may prevent vehicle's ability to raise its idle when auxilliary equipment is being used. If brake lights are illuminated while vehicle is moving it could result in crash. If vehicle cannot raise its idle when auxilliary equipment is being used, equipment such as aerial devices, electrical generators and rescue tools may have reduced performance. Correct by updating VIM software.

Ferrari North America, Inc.

 15V-306
 05-26-15
 Ferrari
 Laferrari
 2014-15
 85

 Brief Description of Defect:
 2014-15
 2014-15
 85

Mfg. Campaign No. 56. - TPMS/FMVSS 138. DOM: 5/14-3/15. In event of tire puncture, vehicles will display incorrect warning message of "low tyre pressure-max speed 50 mph" instead of correct message "low tyre pressure-do not proceed." Vehicles fail to meet FMVSS 138. Incorrect message may cause driver to continue driving on punctured tire, causing loss of vehicle control, and crash. Correct by updating tire pressure monitoring system software to give correct reading.

Ford Motor Co.

14V-204	04-17-14	Ford	F-250 SD, F-350 SD,	2015	3,973
			F-450 SD, F-550 SD		

Brief Description of Defect:

Mfg. Campaign No. 14C04 - Transmission gear shift/FMVSS 102. DOM: 9/13-3/14. On trucks with 6.2L gasoline or 6.7L diesel engines and 6r140 transmissions, error with transmission control software may when shifting from "park" to "drive" vehicle display "drive" but engage "reverse" for 1.5 seconds before engaging "drive." Vehicles fail to meet FMVSS 102. If vehicle is in "reverse" while gear selection shows "drive," unexpected movement could occur, resulting in crash. Correct by updating transmission software.

14V-284	05-29-14	Ford	Escape	2008-11	740,878
		Mercury	Mariner		

Brief Description of Defect:

Mfg. Campaign No. 14S05 - P/steering control module. DOM: 8/06-9/10. Vehicles have steering torque sensor that may not be able to properly detect driver steering input and could remove electric power steering assist. If power steering assist is lost, greater driver effort would be required to steer vehicle at low speeds, resulting in crash. Correct by updating software for

power steering control module (PSCM) and instrument cluster module and by replacing components if vehicle shows history of loss of torque sensor signal or fault codes relating to PSCM.

14V-286 05-29-14 Ford Explorer 2011-13 179,027 Brief Description of Defect:

Mfg. Campaign No. 14S06 - P/steering control module. DOM: 5/10-2/12. Vehicles may experience intermittent connection in electric power steering gear, which can cause loss of motor position sensor signal resulting in shut down of power steering assist. If power steering assist is lost, greater driver effort would be required to steer vehicle at low speeds, resulting in crash. Correct by updating software for power steering control module (PSCM) and by replacing steering rack assembly if vehicle shows history of loss of motor position sensor signal.

15V-006	01-09-15	Lincoln	МКС	2015	11,144			
Brief Description of Defect								

Mfg. Campaign No. 14S29 - PTS switch. DOM: 8/13-9/14. Push-to start/stop (PTS) button that is located at bottom of shift transmission controls may inadvertently be pushed, causing engine to shut off. If PTS switch is inadvertently pressed, vehicle may stop unexpectedly and result in crash. In crash with vehicle turned off, airbags and seat belt restaints may not function as intended, resulting in injury. Correct by relocating PTS switch and reprogramming powertrain control module.

15V-175	03-25-15	Ford	F-350 SD, F-450 SD,	2011-15	6,322
			F-550 SD		

Brief Description of Defect:

Mfg. Campaign No. 15S09 - Powertrain control module software. DOM: 2/10-1/15. Vehicles may detect incorrect exhaust gas temperature sensor fault indicating that vehicle is too hot, causing engine management system to shut down engine and prevent its immediate restart. Engine shut down and subsequent cool down period may delay medical treatment or assistance to those needing it, increasing their risk of injury. Correct by updating powertrain control module software.

15V-248	04-27-15	Lincoln	MKZ	2015	21,435
Brief Desc	ription of D	efect:			

Mfg. Campaign No. 15C02 - Parking lights. DOM: 2/14-3/15. Parking lights do not reduce their light output from drl level when used in conjunction with headlights. Light output may exceed permissable amount allowed by FMVSS 108. If light output is excessive, oncoming traffic may be temporarily blinded and result in crash. Correct by updating lighting control software.

15V-340	06-02-15	Ford	Flex, Taurus	2011-13	393,623
			Fusion	2011-12	
		Lincoln	MKS, MKT	2011-13	
			MKZ	2011-12	
		Mercury	Milan	2011	
D		- f f -			

Brief Description of Defect:

Mfg. Campaign No. 15S18 - P/steering control module. DOM: 9/10-2/12. Vehicles have electric power steering assist systems that may shut down as result of steering motor sensor fault. If vehicle experiences loss of power steering assist, extra steering effort will be required at lower speeds, increasing risk of vehicle crash. Correct by checking power steering control module (PSCM) for diagnostic trouble codes. If dealers find any loss of steering assist, steering gear will be replaced. If, no codes are found during inspection, PSCM software will be updated.

15V-40606-24-15FordEscape, Transit Connect2014-15184,519Brief Description of Defect:

Mfg. Campaign No. 15C03 - Instrument panel.. DOM: 5/14-7/15. Due to software incompatibility issue, instrument panel cluster be inoperative including blank multiple functional display (mfd), and non-functional warning chimes, messages and warning lights. Specific warning chimes, messages and warning lights. Vehicles fail to meet FMVSS 101. If instrument cluster is inoperative, driver of may not be warned of safety related issues such as low tire pressures or disabled airbags, resulting in injury or crash. Correct by updating instrument panel software.

Brief Desci	ription of D	efect:			
15V-436	07-08-15	Ford	C-Max, Escape, Focus	2015	374,781

Mfg. Campaign No. 15C06 - Body control module software. DOM: 4/14-6/15. Engine may continue to run after key or start/stop engine button is turned to off. Vehicles fail to meet FMVSS 114. If engine does not turn off as expected, someone could move transmission shifter out of park and vehicle may move unintentionally and result in crash. Correct by updating body control module software.

15V-614	09-30-15	Ford	F-150	2015	33,481

Brief Description of Defect:

Mfg. Campaign No. 15S29 - Adaptive cruise control. DOM: 3/14-8/15. While using adaptive cruise control, vehicle may falsely detect obstacle in its path and may unexpectedly apply brakes. vehicle that unexpectedly brakes increases risk of crash. Correct by reprogramming cruise control module with updated acc radar software.

Priof Doso	rintion of D	of oct.	E-550, E-450	2010	05
15V-710	10-27-15	Ford	E-350 E-450	2016	65

Mfg. Campaign No. 15S32 - Brake controller. DOM: 11/14-9/15. Trailer brake controller may not actuate trailer brakes. If trailer brakes are not activated when towing vehicle is slowing down, distance needed to stop vehicle may be lengthened and result in crash. Correct by reprogramming powertrain control module.

Forest River, Inc. (see Coachmen Industries, Starcraft Bus & Mobility)

15V-525	08-18-15	Starcraft Bus	All Star XL	2013-14	30
			XLT	2013	

Brief Description of Defect:

Mfg. Campaign No. 05-08102015-0071 - ECM. DOM: 10/12-11/12. Vehicles with Navistar engines have fuel injectors that may fail. If one or more fuel injectors fail, engine may misfire,

causing loss of performance, resulting in engine stall and crash. Correct by recalibrating engine control module software.

Freightliner Corp. (now Daimler Trucks North America LLC)

15V-343	06-03-15	Freightliner	114SD, M2	2007-16	3,200
		Sterling	LT8500	2008-09	
		Thomas Built	Saf-T-Liner HDX	2011-15	
D 1 4 D		0			

Brief Description of Defect:

Mfg. Campaign No. FL-681 - Crankcase. DOM: 1/08-4/15. Excessive engine crankcase pressures may cause 90-degree elbow of vent tube assembly to detach from crankcase ventilation breather, allowing engine oil to come into contact with hot surfaces and result in fire. Correct by securing ends of 90-degree elbow and reprogramming electronic control module with software that can adjust engine output under misfire conditions to limit crankcase pressures.

General Motors Corp. (now General Motors LLC)

14 v - 00 / 0	1-13-14	Chevrolet	Silverado	2014	324,970
		GMC	Sierra		

Brief Description of Defect

Mfg. Campaign No. 14008 - Exhaust. DOM: N/A. On vehicles with 4.3L or 5.3L engines, when vehicle is idling in cold temperatures, exhaust components can overheat. Overheated exhaust components may melt nearby plastic parts and may result in engine fire. Correct by reprogramming engine control module.

14V-144 03-27-14 Cadillac ELR 2014 656 Brief Description of Defect ELR 2014 656

Mfg. Campaign No. 14087 - ESC/FMVSS 126. DOM: N/A. On vehicles not equipped with adaptive cruise control, electronic stability control (ESC) system software may inhibit ESC diagnostics, preventing system from alerting driver that ESC system is partially or fully disabled. Vehicles fail to meet FMVSS 126. If driver is not alerted to ESC malfunction they may continue driving with disabled ESC system which may result in loss of directional control and crash. Correct by recalibrating electronic brake control module (EBCM).

14V-212 04-25-14 Cadillac SRX 2013 50,571 Brief Description of Defect SRX 2013 50,571

Mfg. Campaign No. 14132 - Transmission Control Module . DOM: 5/12-7/13. Vehicles with 3.6L engines may have three to four second lag in acceleration due to transmission control module (TCM) programming. Three to four second lag in acceleration may result in crash. Correct by reprogramming transmission control module.

14V-223 04-30-14 Buick Enclave 2014 51,640 Brief Description of Defect Enclave 2014 51,640

Mfg. Campaign No. 14007 - ECM. DOM: 3/13-8/13. Engine control module (ECM) software may cause fuel gauge to read inaccurately. This may result in vehicle unexpectedly running out

of fuel and stalling, resulting in crash. Correct by reprogramming ECM to correct fuel gauge reading.

14V-247 05-14-14 Chevrolet Malibu 2014 140,067 Brief Description of Defect Malibu 2014 140,067

Mfg. Campaign No. 14201 - Brake/FMVSS 135. DOM: 6/13-5/14. Vehicles with 2.5L engine and auto stop/start option may experience complete loss of brake vacuum assist, disabling hydraulic boost assist. Vehicles fail to meet FMVSS 135. If hydraulic boost assist is disabled, slowing or stopping vehicle will require additional brake pedal effort and lengthened stopping distance. Both of these effects may result in crash. Correct by updating electronic brake control module software.

14V-301	06-06-14	Chevrolet	Silverado HD, Tahoe	2015	57,512
			Silverado	2014	
		GMC Sie	Sierra HD	2015	
			Sierra	2014	

Brief Description of Defect

Mfg. Campaign No. 14315 - Warning Chime/FMVSS 114, 208. DOM: 1/13-4/14. On vehicles with base radio and internal amplifier, radios may become inoperative and there would be no audible chime to notify driver if door is opened with key in ignition or no audible seat belt warning indicating seat belts were not buckled. Vehicles fail to meet FMVSS 114 and 208. Without audible indicator, driver may not be aware that driver's door is open while key is in ignition and result in vehicle rollaway. Additionally, there would be no reminder that driver's or front seat passenger's seat belt is not buckled, which could increase risk of injury in crash. Correct by updating radio software.

14V-374	06-27-14	Chevrolet	Silverado	2014-15	392,459
			Suburban, Tahoe	2015	
		GMC	Sierra	2014-15	
			Yukon	2015	

Brief Description of Defect

Mfg. Campaign No. 14192 - Transfer Case. DOM: 1/13-6/14. Electrical signal short may cause transfer case to shift to neutral without driver's input. If transfer case switches to neutral while vehicle is parked and parking brake is not in use, vehicle may roll away resulting in injury to bystanders. If transfer case switches to neutral while vehicle is being driven, vehicle would lose drive power and may crash. Correct by re-programming software in transfer case control module.

14V-450 07-23-14 Chevrolet Impala 2014 57,242 Brief Description of Defect Impala 2014 57,242

Mfg. Campaign No. 14330 - P/steering. DOM: 11/12-12/13. Due to poor electrical ground connection to P/steering control module, vehicles may lose P/steering assist during start up or while driving. If P/steering assist is lost, greater driver effort would be required to steer vehicle at low speeds and may result in crash. Correct by cleaning paint from behind ground stud nut and updating module software.

14V-518	08-28-14	Cadillac	XTS	2013-14	5
		Chevrolet	Impala	2014	

Brief Description of Defect

Mfg. Campaign No. 14532 - Airbag. DOM: 4/13-11/13. Vehicles may have left factory with sensing and diagnostic module (SDM) set to "manufacturing mode." In manufacturing mode, vehicle's airbags will not deploy in crash and result in occupant injury. Correct by reprogramming SDM.

14V-541	09-09-14	Cadillac	XTS	2013-15	205,309
		Chevrolet	Impala	2014-15	

Brief Description of Defect

Mfg. Campaign No. 14471 - Parking Brake. DOM: 2/12-9/14. Electronic parking brake piston actuation arm may not fully retract causing brake pads to stay partially engaged. Brake pads that remain partially engaged with rotors may cause excessive brake heat and result in fire. Correct by updating electronic parking brake software.

14V-645	10-09-14	Chevrolet	Colorado	2015	2,283
		GMC	Canyon		

Brief Description of Defect

Mfg. Campaign No. 14690- Airbag/FMVSS 208. DOM: 1/14-10/14. Driver airbag connections may have been wired incorrectly. This could reverse deployment sequence and disrupt deployment timing of driver airbag. Vehicles fail to meet FMVSS 208. If driver airbag does not deploy as designed, driver may be injured in crash necessitating airbag deployment. Correct by reprogramming inflatable restraint sensing and diagnostic module.

15V-085	02-11-15	Chevrolet	Impala	2014	3,660
Brief Desc	ription of D	efect:			

Mfg. Campaign No. 15100 - Brake control module. DOM: 11/12-5/14. Electronic parking brake piston actuation arm may not fully retract causing brake pads to stay partially engaged. Thus, these vehicles fail to comply with requirements of FMVSS 135. Brake pads that remain partially engaged with rotors may cause excessive brake heat that may result in fire. Note: recall covers some vehicles remedied incorrectly 14V-541. Correct by reprogramming electronic parking brake brake control module with new software.

15V-145 03-13-15 Chevrolet Volt 2011-13 50,236 Brief Description of Defect:

Mfg. Campaign No. 14617 - Engine. DOM: 8/10-6/13. If driver exits vehicle without turning off electrical system, battery may drain low enough that gasoline engine will automatically start itself to recharge electric battery. If engine runs for extended period of time in enclosed space, there may be build up of carbon monoxide, resulting in injury. Correct by updating engine management software to limit time that stationary vehicle can be left in on position.

15V-164 03-23-15 Chevrolet Malibu 2013-15 87,063 Brief Description of Defect: 6<

Mfg. Campaign No. 15176 - Body control module. DOM: 10/11-3/15. Slide or tilt switch for roof panel may not be adequately recessed to prevent switch from inadvertently being pressed.

Vehicles fail to meet FMVSS 118, "power-operated window, partition, and roof panel systems." slide or tilt roof panel switch may inadvertently be pressed and roof panel may auto-close unexpectedly, increasing risk of pinch injury. Correct by updating body control module (bcm) software to remove auto-close feature for certain switch positions.

15V-20204-06-15ChevroletImpala2014126Brief Description of Defect:

Mfg. Campaign No. 15259 - Parking brake. DOM: 3/13-5/14. Electronic parking brake piston actuation arm may not fully retract causing brake pads to stay partially engaged. Thus, these vehicles fail to meet requirements of FMVSS 135 . Brake pads that remain partially engaged with rotors may cause excessive brake heat that may result in fire. Note: Vehicles were previously remedied incorrectly under 14V-541 or 15V-085. Correct by reprogramming electronic parking brake control module with new software.

15V-415 06-30-1	06-30-15	Buick	Enclave	2008-12	686,287
		Chevrolet	Traverse	2009-12	
		GMC	Acadia	2007-12	
		Saturn	Outlook	2007-10	

Brief Description of Defect:

Mfg. Campaign No. 15240 - Liftgate. DOM: 8/06-2/12. Vehicles, with power liftgate option, have gas struts that hold power liftgate up when open. These struts may prematurely wear and open liftgate may suddenly fall. If open liftgate unexpectedly falls, it may strike person, increasing their risk of injury. Correct by updating software for power liftgate actuator motor control unit so that motor will prevent rapid closing of lift gate.

15V-416	06-30-15	Chevrolet	Sonic	2015	45,785
			Spark	2014-15	

Brief Description of Defect:

Mfg. Campaign No. 15504 - FMVSS 114/208. DOM: 4/14-6/15. Vehicles with base radio and onstar, radio may lock up due to software issue, causing display to go blank and all audio functions to cease. Because of this, there may be no warning chimes such as reminder to buckle seat belt and key being left in ignition when driver goes to exit vehicle. Vehicles fail to meet FMVSS 208 and 114. Without audible indicators, driver may leave key in ignition, increasing risk of theft. If driver or front passenger does not buckle their seat belt, there would be no chime to remind them to fasten their seat belts. If driver or passenger does not buckle their seat belt there is increased risk that they will be injured in crash. Correct by updating radio software.

Gillig Corp. (Gillig LLC, see Holiday Rambler Corp.)

 15V-262
 05-05-15
 Gillig
 Low Floor
 2010-15
 1,101

 Brief Description of Defect:
 Defect:
 Description
 Defect:
 Description
 Defect:

Mfg. Campaign No. N/A - Crankcase. DOM: 8/10-4/15. Excessive engine crankcase pressures may cause 90-degree elbow of vent tube assembly to detach from crankcase ventilation breather, allowing engine oil to come into contact with hot surfaces and result in fire. Correct by securing ends of 90-degree elbow and reprogramming electronic control module with software that can

adjust engine output under misfire conditions to limit crankcase pressures.

Harley-Davidson Motor Co.

14V-18504-08-14Harley-DavidsonFXSB, FXSBSE2013-149,102Brief Description of Defect:

Mfg. Campaign No. N/A - Fuel level sensor. DOM: 3/12-3/14. Suspension variances may affect gas tank mounting angle causing fuel level sensor to read inaccurately which may cause motorcycle to run out of fuel unexpectedly, even before low fuel warning lamp illuminates. Lack of fuel would cause motorcycle to stall, resulting in crash. Correct by updating software to recalibrate fuel level sensor signal.

14V-72511-12-14Harley-DavidsonFLSs Softail2014-154,688Brief Description of Defect:

Mfg. Campaign No. 0618 - Light/FMVSS 108. DOM: 3/13-10/14. Vehicles may not have lampoutage detection for front turn signals. Vehicles fail to meet FMVSS 108. Without turn signal lamp outage indicator, rider may not be aware that front turn signal is not working which could result in crash. Correct by reprogramming body control module software.

Hino Motor Sales USA, Inc. (Hino Motors USA, Inc., Hino Diesel Trucks (U.S.A.), Inc.)

14V-678	10-28-14	Hino	XFC, XJC	2012	2,641
Brief Descr	ription of D	efect:			

Mfg. Campaign No. N/A - Brake warning lamp/FMVSS 105. DOM: 2/11-10/14. Brake warning lamp to illuminate loss of brake fluid pressure or low brake fluid may not operate correctly due to software programming issue. Vehicles fail to meet FMVSS 105. If warning lamp does not illuminate in low pressure or low brake fluid volume, driver will not be warned of reduction or loss of braking capability, resulting in crash. Correct by reprogramming ABS ECU.

Hme, Inc.

15V-371 06-15-15 Ford F-550 2014-15 8 Brief Description of Defect: 6 6 6 7

Mfg. Campaign No. N/A - PCM. DOM: 1/14-3/15. Vehicles may detect incorrect exhaust gas temperature sensor (egt) fault indicating that vehicle is too hot, causing engine management system to shut down engine and prevent its immediate restart. Engine shut down and subsequent cool down period may delay medical treatment or assistance to those needing it, increasing their risk of injury. Correct by updating powertrain control module (pcm) software.

Honda (American Honda Motor Co.)

15V-301	05-20-15	Acura	MDX, RLX	2014-15	19,502
			RLX Hybrid	2014	

Brief Description of Defect:

Mfg. Campaign No. JQ4, JQ5, JQ6 - CMBS. DOM: 8/12-2/15. Collision mitigation braking

system (CMBS) may incorrectly interpret certain roadside objects such as metal fences or metal guardrails as obstacles and unexpectedly apply brakes. If CMBS unexpectedly applies emergency braking force while driving, crash may result. Correct by updating CMBS software

15V-574	09-15-15	Honda	Civic	2014-15	143,676
			Fit	2015	

Brief Description of Defect:

Mfg. Campaign No. JU2-Civic, JU3-Fit - Transmission. DOM: 1/14-11/14. Software settings that control transmission operation may result in damage to transmission drive pulley shaft. If transmission drive pulley shaft is damaged, it may break, and vehicle may lose acceleration or front wheels may lock up while driving and result in crash. Correct by updating software for transmission.

15V-602 09-25-15 Honda Accord Hybrid 2014-15 6,786 Brief Description of Defect: Accord Hybrid 2014-15 6,786

Mfg. Campaign No. JT7 - Hybrid system software. DOM: 8/13-5/15. Electrical interference may cause hybrid system to switch into fail-safe mode, disabling gasoline engine, limiting vehicle's speed to 40 miles per hour and functioning only on battery power. Once battery is discharged, vehicle will stall. vehicle stall increases risk of crash. Correct by updating hybrid system software.

15V-665 10-16-15 Honda Accord 2008-09 303,904 Brief Description of Defect: Accord 2008-09 303,904

Mfg. Campaign No. JV4 - Airbag. DOM: 1/07-6/08. In vehicles, side impact sensor calibrations may be overly sensitive, and as result, side airbag inflatable curtains and/or seat airbags may unexpectedly deploy when ignition is on and door is slammed or there is impact with road debris. Airbags that unexpectedly deploy increase risk of crash or injury. Correct by updating airbag control unit software.

 15V-668
 10-16-15
 Honda
 Pilot
 2016
 35,406

Brief Description of Defect:

Mfg. Campaign No. JV7 - TPMS/FMVSS 126, 135, 138. DOM: 5/15-9/15. When safety systems such as tire pressure monitoring, anti-lock braking or electronic stability control malfunctions, instrument panel will not illuminate corresponding warning light, however warning lamps will illuminate when ignition is turned off and then turned back on. Vehicles fail to meet FMVSS 126, 135, and 138. If safety system cannot immediately warn driver when needed, driver may be at increased risk of crash. Correct by updating instrument cluster software.

Hyundai Motor America (Hyundai Motor Co.)

15V-218 04-13-15 Hyundai Accent 2015 2,580 Brief Description of Defect: 2015 2,580 <

Mfg. Campaign No. 129 - Occupant detection system. DOM: 9/14-2/15. In very cold temperatures, occupant detection system (ODS) may not be able to determine if child restraint seat is in front passenger seat. If ODS fails to detect that seat is occupied by child restraint seat, front airbag will not be deactivated and, in crash airbag deployment could cause injury to child

restraint seat. Correct by updating ODS software.

15V-678 10-20-15 Hyundai Sonata 2015-16 64,744 Brief Description of Defect: Sonata 2015-16 64,744

Mfg. Campaign No. 134 - ABS software/FMVSS 135. DOM: 5/14-8/15. On vehicles with antilock braking system (ABS) warning light to warn driver if there is ABS malfunction, brake system warning light will illuminate, but ABS warning light will not illuminate. Since vehicles have ABS malfunction lights that do not illuminate, vehicles fail to meet FMVSS 135. If driver is alerted there is brake system malfunction, but not specifically with ABS system, driver may operate vehicle unaware that vehicle's brakes may lock up during hard braking and result in crash. Correct by updating ABS control unit software.

IC Corp. (American Transportation Corp. Am Tran Corp.) (see International Truck and Engine Corp., Navistar International Corp.)

14V-043	02-07-14	IC	CE	2012-14	22
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Brief Description of Defect:

Mfg. Campaign No. N/A - Transmission software. DOM: 12/10-11/12. On buses with Eaton hybrid automated transmissions, software controlling transmissions may improperly raise vehicle's engine speed during downshifts without driver's input. Increase in engine speed may result in unintended acceleration and crash. Eaton will perform recall remedy. Correct by updating hybrid transmission software.

International Truck and Engine Corp. (Navistar International Corp., International Harvester Co.) (see IC Corp.)

14V-042 02	02-07-14	IC	3200	2010-11	114
			CE	2012, 2014	
			HC	2011-13	
		International	4300	2008-13	
			Workstar	2013	

Brief Description of Defect:

Mfg. Campaign No. N/A - Transmission software. DOM: 2/07-12/12. On trucks and buses with Eaton hybrid automated transmissions, software controlling transmissions may improperly raise vehicle's engine speed during downshifts without driver's input. Increase in engine speed may result in unintended acceleration and crash. Eaton will perform recall remedy. Correct by updating hybrid transmission software.

14V-063	02-19-14	International	Durastar	2011-14	538
			Terrastar	2012-14	

Brief Description of Defect:

Mfg. Campaign No. 14505 - ECM software. DOM: 2/10-2/13. On trucks for emergency vehicle operations with 2010 Maxxforce 7 V8 diesel engines, engine warning protection shutdown (EWPS) was inadvertently re-enabled when engine control module (ECM) was recalibrated. If engine warning protection system is enabled and engine faults occur, emergency vehicle may shutdown EWPS hampering rescue operations and result in injury. Correct by recalibrating ECM

software to ensure EWPS is disabled.

15V-43807-08-15InternationalTranstar2013-1563Brief Description of Defect:

Mfg. Campaign No. N/A - Crankcase. DOM: 4/12-12/14. Excessive engine crankcase pressures may cause 90-degree elbow of vent tube assembly to detach from crankcase ventilation breather, allowing engine oil to come into contact with hot surfaces and result in fire. Correct by securing ends of 90-degree elbow and reprogramming electronic control module with software that can adjust engine output under misfire conditions to limit crankcase pressures.

15V-776	11-20-15	International	Durastar, Lonestar,	2013-14	15,730
			Prostar, Transtar,		
			Workstar		

Brief Description of Defect:

Mfg. Campaign No. 15517 - ECM. DOM: 4/12-4/13. Accelerator pedal position sensor can move and result in high engine idle. high engine idle may make downshifting transmission difficult and engine brake may be disabled. These factors may hinder slowing down truck when descending long grade, thereby increasing risk of crash. Correct by recalibrating electronic control module (ecm) to allow it to recognize that pedal is at idle position.

Jaguar Cars (see Austin Rover Cars of North America)

14V-292 06-02-14 Jaguar XJ 2013

Brief Description of Defect: Mfg. Campaign No. J040 - Airbag/FMVSS 208. DOM: 5/12-7/12. Generic software calibration installed on vehicles' restraints control module may not meet specification for proper operation of supplemental restraint system. Vehicles fail to meet FMVSS 208. Vehicles that have generic software may put occupants at increased risk of injury in crash. Correct by uploading new

software for restraints control module.

15V-038 01-27-15 Jaguar XK 2012-15 4,787 Brief Description of Defect: XK 2012-15 4,787

Mfg. Campaign No. J049 - Parking Lamp. DOM: 3/11-3/14. Front side lamps (parking lamps) may turn off after approximately 5 minutes. Vehicles fail to meet FMVSS 108. If parking lamps turn off, vehicle will have reduced conspicuity and result in crash. Correct by updating software that controls front side lamps.

15V-569	09-11-15	Jaguar	F-Type	2016	1
Brief Desc	rintion of D	efect•			

Mfg. Campaign No. J055 - P/Steering. DOM: 2/15-2/15. Vehicle has power steering system set in supplier's factory operating mode. In event of steering system malfunction, vehicle can experience additional steering inputs from electric power steering system. If vehicle is in motion when this occurs, driver may unexpectedly lose ability to control vehicle and crash. Correct by updating steering system software or replacing steering rack.

Kalmar Solutions, Llc

15V-357	06-09-15	Kalmar	Ottawa	2010-14	22
Brief Desc	rintion of D	efect.			

Brief Description of Defect:

Mfg. Campaign No. N/A - Crankcase. DOM: 12/10-7/14. Excessive engine crankcase pressures may cause 90-degree elbow of vent tube assembly to detach from crankcase ventilation breather, allowing engine oil to come into contact with hot surfaces and result in fire. Correct by securing ends of 90-degree elbow and reprogramming electronic control module with software that can adjust engine output under misfire conditions to limit crankcase pressures.

Kia Motors America, Inc.

15V-015 01-16-15 2014 86,880 Kia Forte **Brief Description of Defect:**

Mfg. Campaign No. SC113 - Cooling fan resistor & ECU. DOM: 12/12-4/14. Cooling fan resistor may overheat and melt, resulting in vehicle fire. Correct by replacing cooling fan resistor and multi-fuse unit for vehicles made through 1/27/14 and multi-fuse unit only for vehicles made after 1/27/14 and by updating engine control unit software on vehicles with 1.8L.

Land Rover North America, Inc. (Land Rover, LTD., Rover Group, Ltd., see Ford Motor Co.)

14V-163	03-31-14	Land Rover	Range Rover	2014	5,238
Brief Desc	ription of D	efect:			

Mfg. Campaign No. P042 - Light/FMVSS 108. DOM: 5/13-10/13. Turn signal indicator may not flash at double rate or click at double-rate to give notification to driver of front turn signal malfunction. Vehicles fail to meet FMVSS 108. Without warning that front turn signal is malfunctioning, driver would continue to use vehicle, unaware that other drivers on road are not being notified that vehicle is turning, resulting in crash. Correct by updating vehicle software.

14V-395	07-01-14	Land Rover	Evoque	2012-13	40,551
			LR2	2010-15	

Brief Description of Defect:

Mfg. Campaign No. P046 - OCS electronic control unit. DOM: 1/09-7/14. Component within occupant classification system (OCS) electronic control unit may fail, resulting in front seat passenger air bag being totally or partially disabled. In crash necessitating air bag deployment, if air bag is disabled, air bag may not deploy or may not deploy properly, resulting in injury to front seat passenger. Correct by updating restraint control module software.

14V-618	10-03-14	Land Rover	LR4	2013-14	28,037
			Range Rover Sport,	2014	
			Range Rover		

Brief Description of Defect:

Mfg. Campaign No. P050 - TPMS/FMVSS 138. DOM: 9/13-6/14. Due to software error, tire pressure monitoring system (TPMS) may fail to learn locations of individual sensors while vehicle is being driven. Low tire pressure warning light will illuminate, despite tire pressures being within specification. Should one of tires lose air pressure, driver would not be notified of change in air pressure. Vehicles fail to meet FMVSS 138. If TPMS light illuminates because sensors cannot be located, it could mask actual low tire pressure condition, result in tire failure and crash. Correct by updating body control module software.

15V-093	02-18-15	Land Rover	Range Rover Sport	2014-15	61,793
			Range Rover	2013-15	

Brief Description of Defect:

Mfg. Campaign No. P059 - OCS software. DOM: 8/12-2/15. Light weight adult front seat passenger may be improperly classified by occupant classification system (OCS) and, as result, front seat passenger airbag may be disabled. If front passenger airbag is disabled during vehicle crash, there is increased risk of injury. Correct by updating OCS software.

Brief Desc	rintion of D	ofoct.		2015	2,007
15V-214	04-10-15	Land Rover	LR4	2015	2 687

Mfg. Campaign No. P062 - ABS software. DOM: 8/14-2/15. Due to anti-lock braking system (ABS) software error, dynamic stability control, roll stability control, traction control and hill decent control systems may be disabled. Loss of vehicle stability and control may occur and result in crash. Correct by updating ABS software.

15V-385	06-17-15	Land Rover	Range Rover Sport	2014-16	65,372
			Range Rover	2013-16	

Brief Description of Defect:

Mfg. Campaign No. P068 - Doors. DOM: 7/12-3/15. Doors may unlatch unexpectedly when closed. If vehicle door unlatches, distraction may increase risk of crash and/or vehicle occupant may fall out of vehicle if they are not wearing seatbelt, increasing their risk of injury. Correct by updating keyless entry software.

Mack Trucks, Inc.

14V-545	09-09-14	Mack	CHU	2014-15	538
			Pinnacle (CXU)	2013-15	

Brief Description of Defect:

Mfg. Campaign No. SC0381 - Adaptive cruise control. DOM: 8/12-6/14. On vehicles with adaptive cruise control, due to software error in vehicle control module, vehicles may not provide visual or audible alerts to driver warning them that obstruction in road was detected which can result in crash. Correct by reprogramming vehicle control unit.

14V-551	09-10-14	Mack	Titan	2015	19
Brief Desc	ription of D	efect:			

Mfg. Campaign No. SC0382 - ECU software. DOM: 1/14-5/14. Due to incorrect parameter setting in software for engine control unit, engine may stall and result in crash. Correct by reprogramming engine control unit.

15V-275	05-11-15	Mack	LEU, MRU	2011-16	2,124
			LR6	2015-16	

Brief Description of Defect:

Mfg. Campaign No. SC0391 - Crankcase. DOM: 6/10-4/15. Excessive engine crankcase pressures may cause 90-degree elbow of vent tube assembly to detach from crankcase ventilation breather, allowing engine oil to come into contact with hot surfaces and result in fire. Correct by securing ends of 90-degree elbow and reprogramming electronic control module with software that can adjust engine output under misfire conditions to limit crankcase pressures.

Mazda (North America), Inc. (Mazda Motor Corp.)

14V-173	04-03-14	Mazda	Mazda3	2014	5,700
			Mazda6	2014-15	

Brief Description of Defect:

Mfg. Campaign No. 7314D - PCM. DOM: 5/13-12/13. Vehicles with 2.5L engine and regenerative engine braking system when driving in heavy rain or deep puddles, alternator belt may slip causing power control module (PCM) to incorrectly assume failure of charging system. Once PCM assumes that charging system has failed, vehicle will stop charging and could result in poor acceleration, loss of steering assist and W/S wiper operation, and engine stall, resulting in crash. Correct by reprogramming PCM with updated software.

14V-282	05-29-14	Mazda	Tribute	2008-11	33,000
Brief Desc	ription of D	efect:			

Mfg. Campaign No. 7614E - PSCM software. DOM: 10/06-9/10. Vehicles have steering torque sensor that may not be able to properly detect driver steering input. System could remove electric power steering assist. If power steering assist is lost, greater driver effort would be required to steer vehicle at low speeds, resulting in crash. Correct by updating software for power steering control module (PSCM) and instrument cluster module and by replacing components if vehicle shows history of loss of torque sensor signal or fault codes relating to PSCM.

14V-675	10-27-14	Mazda	Mazda6	2014-15	99,711
Brief Description of Defect:					

Mfg. Campaign No. 8014J -TPMS/FMVSS 138. DOM: 10/12-10/14. If pressures of four of tires on vehicle gradually drop at same time, tire pressure monitoring system (TPMS) may not warn driver of drop in pressure. vehicles fail to meet FMVSS 138. Vehicle that is driven with under inflated tires may experience sudden tire failure, resulting in crash. Correct by updating TPMS software.

Mercedes-Benz of North America, Inc. (now Mercedes-Benz USA, LLC)

15V-137	03-10-15	Mercedes Benz	CLS400	2015	30,141
			CLS550, CLS63	2012-15	

Brief Description of Defect:

Mfg. Campaign No. 2015030005 - Tail Lights. DOM: 12/10-2/15. Vehicles have led tail lights that may not light on sides, reducing rear side visibility of vehicle. Vehicles fail to meet FMVSS 108. Reduced rear side marker illumination may prevent other drivers from seeing vehicle and result in crash. Correct by updating lighting controller software.

15V-64710-13-15Mercedes-BenzS550 Hybrid2015Brief Description of Defect:

Mfg. Campaign No. 2015100004 - Fuel Pump. DOM: 5/13-4/15. After driving in electric mode, fuel pump output may be insufficient to restart gasoline engine and vehicle will stall. vehicle stall increases risk of crash. Correct by updating fuel system control unit software.

4

15V-652	10-14-15	Mercedes Benz	S63 Amg 4matic	2015-16	3,177
			S63 Amg	2014	

Brief Description of Defect:

Mfg. Campaign No. 2015100003 - ECU software. DOM: 5/13-9/15. Due to software error within engine control unit, vehicle may stall when coasting to stop, such as at traffic light. vehicle stall may be interpreted by driver to be planned shut-down as part of eco-start-function. However, engine will not restart automatically after releasing brake pedal, immobilizing vehicle and increasing risk of crash. Correct by updating engine control unit software.

15V-65510-14-15Mercedes BenzB-Class Electric2014-152,618Brief Description of Defect:

Mfg. Campaign No. 2015100005 - Powertrain. DOM: 11/13-5/15. Due to communication error within electric drive system, electric powertrain unit may shut down, temporarily immobilizing vehicle and result ing in loss of propulsion power. vehicle stall increases risk of crash. Correct by updating electric drive system software.

15V-845 12-16-15 Mercedes Benz C300, C400 2015 28,452 Brief Description of Defect: 2015 28,452 28,452

Mfg. Campaign No. 2015120006 - P/Steering software. DOM: 1/14-12/14. Due to error in electric power steering control unit software, vehicles may have loss of electric power steering assist. If vehicle experiences loss of power steering assist, extra steering effort will be required, especially at lower speeds, increasing risk of vehicle crash. Correct by updating power steering software.

Mitsubishi Motors Corp., USA (Mitsubishi Motors Sales, Inc., Mitsubishi Motors North America, Inc.)

14V-522 09-02-14 Mitsubishi I-Miev 2010-14 1,810 Brief Description of Defect: 1,810

Mfg. Campaign No. SR-14-007 - Brake pump. DOM: 9/09-3/14. Due to either software programming or corrosion caused by road salt, brake vacuum pump may stop functioning. If brake vacuum pump stops functioning, distance needed to stop vehicle may be lengthened, resulting in crash. Correct by either reprogramming brake vacuum pump controller, replacing brake vacuum pump or doing both.

Motor Coach Industries, Inc.

14V-370	06-09-14	Mci	D4000, D4000istv, D4005, D4500, D4505, I4500	2014	686
Brief Desci	ription of D	efect:	3-300		

Mfg. Campaign No. 413 Headlight. DOM: 7/13-4/14. Multiplex electrical systems controller may unintentionally turn off vehicle's headlights while vehicle is in gear, reducing driver's visibility which may result in crash. Correct by updating multiplex controller software.

15V-276	05-12-15	MCI	D4000	2011-12	243
			D4500	2014-15	

Brief Description of Defect:

Mfg. Campaign No. SB 423 - Crankcase. DOM: 11/11-4/15. Excessive engine crankcase pressures may cause 90-degree elbow of vent tube assembly to detach from crankcase ventilation breather, allowing engine oil to come into contact with hot surfaces and result in fire. Correct by securing ends of 90-degree elbow and reprogramming electronic control module with software that can adjust engine output under misfire conditions to limit crankcase pressures.

New Flyer Industries Ltd.

15V-292	05-18-15	New Flyer	C35LF, L40LFR	2009	2,956
		-	C35LFR	2009-12	
			C40LF, C40LFR	2008-13	
			XN35	2013-14	
			XN40	2011-14	
			XN60	2012-14	

Brief Description of Defect:

Mfg. Campaign No. R15-007 - Crankcase. DOM: 4/08-5/15. Excessive engine crankcase pressures may cause 90-degree elbow of vent tube assembly to detach from crankcase ventilation breather, allowing engine oil to come into contact with hot surfaces and result in fire. Correct by securing ends of 90-degree elbow and reprogramming electronic control module with software that can adjust engine output under misfire conditions to limit crankcase pressures.

15V-333	06-01-15	New Flyer	C40LFR, XE40, XN35,	2013	1,147
			XN60		
			XD35, XT60	2014	
			XD60, XT40	2014-15	
			XDE35, XN40	2013-14	
			XDE40	2014-15	

Brief Description of Defect:

Mfg. Campaign No. R15-006 - Door controller software. DOM: 6/13-4/15. These vehicles have door controller assemblies that may have software defect which can cause rear passenger doors to open, without warning, when bus accelerates from stopped position. If rear bus door opens while bus is in motion, there is increased risk of injury for passengers. Correct by updating door controller assembly software.

Nissan Motor Corp., USA (Nissan North America, Inc.)

14V-138	03-25-14	Infiniti	JX35	2013	989,701
			Q50, QX60	2014	
		Nissan	Altima, Leaf,	2013-14	
			Pathfinder, Sentra		

2013

Brief Description of Defect:

Mfg. Campaign No. N/A - Airbag OCS software. DOM: 1/12-2/14. Occupant classification system (OCS) software may incorrectly classify passenger seat as empty, when it is occupied by adult. If OCS does not detect adult occupant in passenger seat, passenger airbag would be deactivated. Failure of passenger airbag to deploy during crash (where deployment is warranted) could result in injury to passenger. Correct by updating OCS software.

14V-581	09-22-14	Infiniti	Q50 Hybrid,	2014	5,412
			Q70 Hybrid		

Brief Description of Defect:

Mfg. Campaign No. N/A - Motor inverter software. DOM: 12/12-6/14. Due to software error, electric motor may stop working while vehicle is being driven using electric motor only which may result in crash. Correct by reprogramming motor inverter software.

14V-583	09-22-14	Infiniti	M35 Hybrid	2013-14	6,562
			Q50 Hybrid	2014	
			Q70 Hybrid	2014-15	

Brief Description of Defect:

Mfg. Campaign No. N/A - ECM software. DOM: 4/10-7/14. Due to software error, if signal is lost from one of two throttle position sensors (TPS), engine control module (ECM) will go into fail-safe mode, partially closing throttle chamber. Should lost signal be restored, throttle chamber may open, regardless of position signal from TPS. vehicle may gradually accelerate due to throttle chamber reopening. This unexpected acceleration may result in crash. Correct by reprogramming ECM.

15V-681	10-20-15	Infiniti	Jx35	2013	919
			Qx60 Hybrid	2014	
			Qx60	2014-15	
		Nissan	Altima, Pathfinder	2013-15	
			Sentra	2013-14	

Brief Description of Defect:

Mfg. Campaign No. N/A - Airbag OCS. DOM: 3/12-11/14. Vehicles received incorrect occupant classification system (ocs) control unit during repair. These ocs control units may incorrectly classify front passenger seat as empty, when it is occupied by adult. If ocs does not detect adult occupant in passenger seat, passenger airbag would be deactivated. Failure of passenger airbag to deploy during crash (where deployment is warranted) could increase risk of injury to passenger. Correct by updating ocs software.

North American Bus Industries

15V-296	05-19-15	NABI	BRT, LFW	2007-15	1,809
			CLFW	2007-13	

Brief Description of Defect:

Mfg. Campaign No. 20152 - Crankcase. DOM: 2/07-5/15. Excessive engine crankcase pressures may cause 90-degree elbow of vent tube assembly to detach from crankcase ventilation breather, allowing engine oil to come into contact with hot surfaces and result in fire. Correct by securing

ends of 90-degree elbow and reprogramming electronic control module with software that can adjust engine output under misfire conditions to limit crankcase pressures.

Nova Bus Inc. (Division of Prevost Car, Inc.)

14V-380	06-30-14	Nova Bus	Nova LFS	2004,	796
				2006-13	

Brief Description of Defect:

Mfg. Campaign No. CR3200 - Air brake/FMVSS 121. DOM: N/A. Due to programming error in vehicle control unit, ABS malfunction light may not illuminate if abs control unit loses power. vehicles fail to meet FMVSS 121. If ABS malfunction light does not illuminate or ABS control unit loses power, driver would not be aware that ABS is not functional and that brakes may unexpectedly lock up under when brakes are applied, resulting in crash. Correct by updating software for instrument cluster.

15V-075 02-09-15 Nova Bus Nova LFS 2006-07 17 Brief Description of Defect: Image: Control of Defect State <th

Mfg. Campaign No. CR1300 - Doors. DOM: 1/06-12/07. In vehicles, rear exit door controls may not function properly. If rear exit door does not open and close as expected, there is increased risk of injury to bus occupants. Correct by programming exit door control.

Orion Industries, Inc. (Bus Industries of America) (now Daimler Buses North America, Inc., see DaimlerChrysler Commercial Buses, formerly Freightliner Corp.)

Brief Desc	rintion of D	efect:			
15V-288	05-15-15	Orion	VII	2007-12	455

Mfg. Campaign No. N/A - Crankcase. DOM: 1/07-10/12. Excessive engine crankcase pressures may cause 90-degree elbow of vent tube assembly to detach from crankcase ventilation breather, allowing engine oil to come into contact with hot surfaces and result in fire. Correct by securing ends of 90-degree elbow and reprogramming electronic control module with software that can adjust engine output under misfire conditions to limit crankcase pressures.

Oshkosh Corporation

15V-330 06-01-15 Oshkosh S-Series 2012-14 44 Brief Description of Defect: 2012-14 44

Mfg. Campaign No. N/A - Crankcase. DOM: 2/12-11/13. Excessive engine crankcase pressures may cause 90-degree elbow of vent tube assembly to detach from crankcase ventilation breather, allowing engine oil to come into contact with hot surfaces and result in fire. Correct by securing ends of 90-degree elbow and reprogramming electronic control module with software that can adjust engine output under misfire conditions to limit crankcase pressures.

Paccar Inc.

14V-02601-30-14KenworthT370201422Brief Description of Defect:Mfg. Campaign No. 14KWF – Transmission software. DOM: 8/13-10/13. On trucks with Eaton

hybrid automated transmissions, software controlling transmissions may improperly raise vehicle's engine speed during downshifts without driver's input. Increase in engine speed may result in unintended acceleration and crash. Eaton will perform recall remedy. Correct by updating hybrid transmission software.

14V-178 04-08-14 Peterbilt 587 2014-15 63 Brief Description of Defect: 587 2014-15 63

Mfg. Campaign No. 414-E – Lights/FMVSS 393. DOM: 11/13-3/14. If driver turns on high beams, fog lights will automatically turn off, but after 10 seconds they may turn back on due to software malfunction. Combination of high beams and fog lights may exceed permissable limits of light output. Vehicles fail to meet FMVSS 108. If both fog lamps and high beams are illuminated at same time, oncoming traffic may be blinded by excessive light, resulting in crash. Correct by updating cab electronic control unit to correct programming.

15V-206	04-07-15	Kenworth	K300	2015-16	379
		Peterbilt	220		

Brief Description of Defect:

Mfg. Campaign No. 415-E and 15KWC - Cruise control software. DOM: 9/14-3/15. Each time cruise control speed decrease button is pressed, vehicle speed will actually increase by one mile per hour. If driver is intending to slow down vehicle but instead it inadvertently speeds up, there is increased risk of crash. Correct by updating cab controller software.

15V-309	05-26-15	Kenworth	T440, T800, W900	2010-16	4,823
		Peterbilt	320, 337, 348, 365,	2008-15	
			382, 384		

Brief Description of Defect:

Mfg. Campaign No. 15KWH and 515-G - Crankcase. DOM: 7/07-4/15. Excessive engine crankcase pressures may cause 90-degree elbow of vent tube assembly to detach from crankcase ventilation breather, allowing engine oil to come into contact with hot surfaces and result in fire. Correct by securing ends of 90-degree elbow and reprogramming electronic control module with software that can adjust engine output under misfire conditions to limit crankcase pressures.

15V-458	07-22-15	Kenworth	T440, T660, T680	2011-16	12,551
Brief Desc	ription of D	efect:			

Mfg. Campaign No. 15KWL - FMVSS 108/ DRL. DOM: 1/10-5/15. DRLS are required to deactivate when hazard warning lights are activated, however, DRLS on these vehicles override hazard flashing functionality after brake pedal is pushed for more than two seconds. Normal hazard flashing functionality returns once service brake is released. Vehicles fail to meet FMVSS 108. If hazard warning lamps are overridden by DRL, oncoming vehicles may fail to be warned and result in crash. Correct by updating cab controller software.

15V-740	11-09-15	Peterbilt	335	2010	2,065
			337	2010, 2012,	
			337, 389	2015-16	
			340	2009-10	
			348	2011-16	
			365	2009	

365	2012-16
386	2009
386	2012-13
388	2009-15
567	2015

Brief Description of Defect:

Mfg. Campaign No. 1115P - Tire. DOM: 1/08-10/15. Auto hauler trucks with Michelin 295/60r22.5 xza-2 front tires have speed rating less than vehicle is governed to. Higher vehicle speeds and other factors such as tire load and road temperatures may result in premature tire failure and crash. Correct by reprogramming engine's vehicle speed parameters to limit maximum vehicle speed to tire speed rating.

15V-889 12-31-15 Peterbilt 388 2015 15 Brief Description of Defect: 388 2015 15

Mfg. Campaign No. 1115Q - FMVSS 120/ Tire. DOM: 1/14-2/14. Vehicles with Michelin mn295/60 r22.5 xza front tires and 8.25" wheels and were certified to gawr greater than maximum 12,350 lbs allowed. Vehicles fail to meet FMVSS 120. If truck exceeds load rating on tire, tire may suddenly fail and result in crash. Correct by replacing 8.25" front wheels with 9.00" wheels and re-program maximum vehicle speed to appropriate settings.

Spartan Chassis, Inc.

14V-513	08-20-14	Spartan	Gladiator	2013-15	95
			Metrostar	2011-14	

Brief Description of Defect:

Mfg. Campaign No. 14013 - Fire hose software. DOM: 6/11-1/14. On vehicles with pressure governor or hand throttle supplied by Fire Research Corp., due to issue with software for pressure governor or hand throttle, vehicles may experience engine surge which can cause increased water pressure at end of fire hose, resulting in personal injury. Correct by installing software update.

Subaru of America, Inc.

15V-366	06-12-15	Subaru	Impreza, Legacy,	2015	71,710
			Outback, XV Crosst	rek	
			WRX	2016	

Brief Description of Defect:

Mfg. Campaign No. WQS-54 - Brake Lights. DOM: 2/14-4/15. If switch that activates brake lights fails, automatic pre-collision braking component of driver assist system will not function. If automatic pre-collision braking system does not function as intended, vehicle will not react to obstacle in its path and result in crash. Correct by reprogramming driver assist system.

Temsa Global Sanayi Ve Ticaret A.S.

14V-768	12-03-14	Temsa	TS45	2014-15	38
Brief Desc	ription of D	efect:			
Mfg. Camp	paign No. N/	A - Headlam	o control module. DOM	1: 4/14-11/14. Due to h	eadlamp

control module malfunction, headlamps and daytime running lamps may fail while driving. If headlamps and daytime running lamps fail while driving, there would be loss of visibility, resulting in crash. Correct by removing headlamp control module and updating software.

Tesla Motors, Inc.

14V-006 01-13-14 Tesla Model S 2013 21,081 Brief Description of Defect:

Mfg. Campaign No. N/A - Charging adapter. DOM: N/A. On vehicles with NEMA 14-50 (240 volt) universal mobile connector (umc) adapters, during charging, adapter, cord, or wall outlet could overheat and result in burn injury and/or fire. Correct by providing replacement NEMA 14-50 adapter with internal thermal fuse and "over-the-air" software update which allows on board charging system to detect any unexpected fluctuations in input power or higher resistance connections to vehicle. If detected, onboard charging system will automatically reduce charging current by 25%.

Thomas Built Buses (see Freightliner Corp., now Daimler Trucks North America LLC)

15V-34406-03-15Thomas BuiltSaf-T-Liner HDX2008-15746Brief Description of Defect:

Mfg. Campaign No. FL-681 - Crankcase. DOM: 5/08-12/14. Excessive engine crankcase pressures may cause 90-degree elbow of vent tube assembly to detach from crankcase ventilation breather, allowing engine oil to come into contact with hot surfaces and result in fire. Correct by securing ends of 90-degree elbow and reprogramming electronic control module with software that can adjust engine output under misfire conditions to limit crankcase pressures.

Toyota Motor Sales, U.S.A., Inc. (Toyota Motor Corp., Toyota Motor Co., Ltd.)

 14V-053
 02-12-14
 Toyota
 Prius
 2010-14
 698,457

 Brief Description of Defect
 Privation
 Privation
 Constraints
 Constraints

Mfg. Campaign No. EOE - ECU. DOM: 3/09-1/14. Intelligent power module inside inverter module (component of hybrid system) contains transistors that may become damaged from high operating temperatures. If this occurs, various warning lamps will be illuminated on instrument panel and vehicle will have reduced power allowing only short driving distance. Vehicle may enter fail-safe/limp-home mode that limits drivability of vehicle. Hybrid system could also shut down completely resulting in vehicle stall and crash. Correct by updating software for both motor/generator control ECU and hybrid control ECU and replacing any failed inverter.

14V-054	02-12-14	Lexus	RX350	2012-13	261,114
		Toyota	RAV4	2012	
			Tacoma	2012-13	

Brief Description of Defect

Mfg. Campaign No. EOF/ELA - Brake Actuator. DOM: 3/12-12/12. Brake system contains brake actuator that adjusts fluid pressure of each wheel cylinder. Electrical component within actuator may experience increased resistance resulting in illumination of various warning lights, including vehicle stability control system, antilock brake system and traction control system.

Systems could become inoperative, reducing directional control assistance, resulting in crash. Correct by updating software for skid control electronic control unit.

14V-272	05-22-14	Toyota	Highlander Hybrid	2014	50,000
			Highlander		

Brief Description of Defect

Mfg. Campaign No. EOT - Airbag ECU/FMVSS 208. DOM: N/A. Vehicles may have improper software installed in air bag electronic control unit (ECU) for operation of front passenger seat belt force limiter which may use restraint setting designed for small occupants, such as those that weigh approximately 110 pounds, for all occupants regardless of their size. Vehicles do not meet FMVSS 208. In crash, larger front passenger seat occupant may not be properly restrained and be injured. Correct by installing software update in air bag ECU.

15V-011 01-16-15 Toyota Rav4 2013-15 1,140 Brief Description of Defect: 1,140

Mfg. Campaign No. SET-15A - Lights. DOM: 6/13-12/14. Software within module may incorrectly detect electrical short and preventively turn off electrical current and trailer lights. If system incorrectly detects electrical short and turns off trailer lights while trailer is being towed at night, could result in crash. Correct by replacing trailer light module with new unit with corrected software.

15V-143 03-13-15 Toyota Rav4 Ev 2012-14 2,497 Brief Description of Defect: Comparison Comparison

Mfg. Campaign No. N/A - Electric vehicle traction motor assembly software. DOM: 7/12-8/14. Due to software issue within component of electric vehicle traction motor assembly, electric propulsion motor may shift to "neutral" resulting in loss of drive power and crash. Correct by updating electric vehicle traction motor assembly software.

15V-449	07-15-15	Toyota	Prius V	2012-14	108,624
Brief Desc	ription of D	efect:			

Mfg. Campaign No. N/A - ECU. DOM: 8/11-6/14. Component within hybrid inverter assembly may overheat, causing hybrid system to reduce output power allowing vehicle to only drive short distance. Hybrid system may shut down causing vehicle to stop while being driven. vehicle may enter fail-safe/limp-home mode that limits drivability of vehicle. hybrid system could also shut down completely resulting in vehicle stall and result in crash. Correct by updating software for motor/generator control ECU and hybrid control ECU.

Triumph Motorcycles America, Ltd

14V-009	01-15-14	Triumph	Tiger Explorer	2012-14	2,800
			Trophy SE	2013-14	

Brief Description of Defect:

Mfg. Campaign No. N/A - ECU. DOM: 11/11-12/13. Electronic control unit (ECU) hardware and software may improperly detect motorcyle's throttle position resulting in motorcycle shutting down and result in crash, Correct by updating and installing new ECU hardware and software.

Vapor Bus International

15E-033	05-04-15	Vapor	Eto Controller Assembly	3,000
Brief Descr	iption of D	efect:		

Mfg. Campaign No. N/A - ETO controller software. DOM: 3/13-4/15. These assemblies, which control door operator motor and brake, may have software defect which can cause rear passenger doors to open, without warning, when bus accelerates from stopped position. If rear bus door opens while bus is in motion, there is increased risk of injury for passengers. Correct by updating eto controller assembly software.

Volkswagen of America, Inc. (see Porsche/Audi)

 14V-441
 07-21-14
 Volkswagen
 Tiguan
 2009-14
 151,389

 Brief Description of Defect:
 Defect:
 Defect
 Defe

Mfg. Campaign No. 24AV/2W - Fuel pump software. DOM: 7/07-6/14. When using winterized fuel, bubbles may form in fuel system which could result in vehicle stalling and crash. Correct by updating vehicle's software to increase fuel pump pressure.

14V-667	10-24-14	Audi	A4, Allroad, S4	2013-15	101,938
Brief Desc	ription of D	efect:			

Mfg. Campaign No. 69K5 - Airbag module. DOM: 2/12-10/14. Due to improper algorithm in airbag control module, if crash necessitates deployment of side airbags, second impact to front of vehicle may not command front airbags to also deploy which can result in occupant injury. Correct by updating airbag control unit software.

14V-790 12-15-14 Volkswagen Jetta 2015 25,007 Brief Description of Defect: 2015 25,007

Mfg. Campaign No. 57F6 - Light/FMVSS 108. DOM: 7/14-11/14. Due to incorrect software within headlight control module, low beam headlights may turn off when high beam lights are turned on. light output from headlights may be insufficient. Vehicles fail to meet FMVSS 108. Insufficient headlight output may result in crash. Correct by updating headlight control module software.

15V-200 04-03-15 Audi Q3 2015 3,646

Brief Description of Defect:

Mfg. Campaign No. 60C1 - Sunroof. DOM: 4/14-11/14. If vehicle is turned off while sunroof is closing, sunroof may continue to close instead of stopping. Vehicles fail to meet FMVSS 118. If sunroof is closing while vehicle is shut off, occupant in its path may be injured. Correct by updating sunroof control module software.

15V-452 07-20-15 Audi SQ5 2014-15 5,625 Brief Description of Defect: SQ5 SQ5

Mfg. Campaign No. 48M1 - P/Steering. DOM: 5/13-4/15. Vehicles have electric power steering assist system that may shut down in cold temperatures due to steering motor sensor fault. If vehicle experiences loss of power steering assist, extra steering effort will be required at lower speeds, increasing risk of vehicle crash. Correct by updating power steering control module software.

Volvo Trucks of North America, Inc. (Volvo White GMC Truck Corp., Volvo GM Heavy Truck Corp.)

14V-356	06-20-14	Volvo	VNL	2011-15	1,025
			VNM	2014-15	

Brief Description of Defect:

Mfg. Campaign No. RVXX1402 - Cruise control. DOM: 11/10-2/14. On trucks with enhanced cruise control and without side fairings, active braking component of enhanced cruise control can become disabled. If active braking feature becomes disabled, vehicle may not automatically activate brakes when enhanced cruise control system is in use, resulting in crash. Correct by updating control unit software.

140-337	09-11-14	VOIVO	VINL, VINX	2013	40
$14V_{-}557$	09-11-14	Volvo	VNI VNX	2015	46

Mfg. Campaign No. RVXX1404 - ECM. DOM: 1/14-6/14. On trucks with D16 engine, engine control unit may have incorrect parameter setting in software . Engine may stall while driving and result in crash. Correct by updating engine control unit software.

14V-739 11	11-18-14	Volvo	VHD	2012,	6,234
				2014-15	
			VNL	2012-15	
			VNM	2014-15	

Brief Description of Defect:

Mfg. Campaign No. RVXX1406 - Drivetrain software. DOM: 6/11-8/14. Trucks with Eco-roll option may fail to re-engage vehicle drivetrain after using Eco-roll feature. If drivetrain does not re-engage, vehicle's stopping distance may be lengthened, resulting in crash. Correct by updating Eco-roll software.

Brief Desc	rintion of D	efect:			
15V-274	05-11-15	Volvo	VNM	2012-16	185

Mfg. Campaign No. RVXX1502 - Crankcase. DOM: 3/11-4/15. Excessive engine crankcase pressures may cause 90-degree elbow of vent tube assembly to detach from crankcase ventilation breather, allowing engine oil to come into contact with hot surfaces and result in fire. Correct by securing ends of 90-degree elbow and reprogramming electronic control module to adjust engine output under misfire conditions to limit crankcase pressures.

Wheeled Coach Industries, Inc.

14V-193	04-16-14	Wheeled Coach	Ambulance-M2 Chassis	2010	84
			T1, T2, T3	2013-14	

Brief Description of Defect:

Mfg. Campaign No. N/A - Electrical timer. DOM: N/A. On ambulances, with ECX timer part number El00230, timer may experience momentary loss of power when starting vehicle. Momentary loss of power may cause timer to begin five minute countdown, after which timer would disconnect power supplied to electrical systems in patient area of vehicle, resulting in injury to occupants. Correct by updating timer software.

Winnebago Industries, Inc

15V-008	01-12-15	Winnebago	Itasca Viva, Travato,	2014-15	1,107
			Trend		

Brief Description of Defect:

Mfg. Campaign No. P62 - TPMS/FMVSS 108. DOM: 11/13-12/14. Due to software error, tire pressure monitoring system (TPMS) may fail to learn locations of individual sensors while vehicle is being driven. Low tire pressure warning light will illuminate, despite tire pressures being within specification. Should one of tires lose air pressure, driver would not be notified of change in air pressure. Vehicles fail to meet FMVSS 138. If TPMS light illuminates because sensors cannot be located, it could mask actual low tire pressure condition, result in tire failure and crash. Correct by updating body control module software.