

INTRODUCTION

Federal regulations require motor vehicle manufacturers to report to EPA all recalls that affect emission-related components or systems. The following report briefly describes light-duty vehicle recalls reported to EPA that affect emission-related components or systems. Note that some of the recalls listed in this report fix problems that do not impact emission control performance even though they involve the repair or replacement of emission-related parts. Manufacturers voluntarily recall vehicles for various reasons, such as safety or customer satisfaction, but if they affect emission-related parts, they still must be reported to EPA. They are all considered "emission-related" for the purposes of this report.

This report is divided into two sections. The first section is titled, "Emission-Related Recalls". These are the typical recalls where the manufacturer recommends that the owner bring the car in for repair under the recall. In this case, the owner should not wait until the problem is apparent before getting the vehicle fixed. The second section titled, "Emission-Related Voluntary Service Campaigns". Under EPA rules, these are still considered recalls, but are listed separately because the manufacturer is telling the owner to bring the car in for repair only if the problem is apparent (such as a warning light, noise, drive problem, etc.). There is usually a warranty extension associated with these types of recalls. Note that the manufacturer might not call a voluntary service campaign a "recall" in the owner or dealer notifications.

Recalls can be initiated voluntarily by the manufacturer or can be ordered by EPA. Voluntary recalls could also be directly influenced by EPA. Influenced recalls are those where EPA has had a direct role in convincing the manufacturer to voluntarily recall the vehicles. Because EPA is fairly successful at influencing recalls, ordered recalls are extremely rare. This report indicates these categories in the "Type" column. A "V" designation is a voluntary recall without direct EPA influence, an "I" designation is a voluntary service campaign not directly influenced by EPA, and an "I-VSC" designation is a voluntary service campaign directly influenced by EPA. If there is an ordered recall, the type will be designated with an "O".

It should also be noted that recalls may not include all of the vehicles in the described year, model, and engine family. Some recalls are specific to subsets of these categories because the problem or defect only affects part of a production run. The specific vehicles subject to a recall are identified by the manufacturer in the technical service bulletins provided to the repair facilities. These are usually listings based on the Vehicle Identification Number, or VIN, that is stamped on each vehicle. You should direct any questions regarding your vehicle's inclusion in a recall to the dealer repair facility. If there are still issues or problems, direct these to EPA at the e-mail address: vehicle-recalls@epa.



Abbreviations and Acronyms

Acronym/Term: Definition:

CARB California Air Resources Board

CFV Clean Fuel Vehicle

DTC Diagnostic Trouble Code
ECU Engine Control Unit
ECM Engine Control Module
EGR Exhaust Gas Recirculation
MIL Malfunction Indicator Light

MY Model Year

NHTSA National Highway Traffic Safety Administration

NLEV National Low Emission Vehicle

OBD On-Board Diagnostics
PCM Powertrain Control Module
TCM Transmission Control Module
TSB Technical Service Bulletin

VECI Vehicle Emission Control Information VERR Voluntary Emissions Recall Report

Recall Type: Definition: Ordered by EPA

V Voluntary Recall by Manufacturer

VSC Voluntary Service Campaign by Manufacturer

Manufacturer voluntary action with EPA Influence



Section 1: Emission-Related Recalls

New recalls this quarter:

<u>Manufacturer</u>	EPA#
Aston Martin	3365
BMW	3513
Chrysler	3458
	3485
	3512
General Motors	2724
	3303
Honda/Acura	3495
Hyundai	3478
Jaguar	3475

Mfr.	Mfr. Recall	EPA#	Type	Owners	MY	Vehicle or Engine	Engine Family	Problem Description	Affected	Total
	Number			Notification		Class			Vehicles	Number of Vehicles Recalled
Aston Martin	FSA163	3365	V	4/2/2008	2006	Vantage	6ASXV04.3305	A valve inside the fuel cap may stick open and stay open allowing fuel vapors into the	476	3,832
					2007	DB9	7ASXV05.9803	atmosphere. This will cause the Malfunction Indicator Light (MIL) to illuminate.	688	
						Vantage	7ASXV04.3305	Remedy: Dealers will replace the fuel cap internal valve.	1,474	
					2008	DB9	8ASXV05.9803		283	
						Vantage	8ASXV04.3305		911	
BMW	07E-A02	2954	V	3/13/2008	2004	525i, 530i	4BMXV03.0SMG	Vehicles have a software error that causes the communication between the Transmission	178	3,257
						545i,645Ci	4BMXV04.4LEV	Control Module (TCM) and certain scan tool equipment to be interrupted. This makes it	1,101	
					2005	530i	5BMXV03.0SMG	difficult for technicians to properly diagnose potential emissions problems, and may cause	48	
						545i.645Ci	5BMXV04.4LEV	some vehicles to fail State inspection/maintenance tests.	878	
					2006	530i	6BMXV03.0N52	Remedy: BMW Service Centers will reprogram the TCM with an improved version of the	74	
						550i, 650i	6BMXV04.8UL2	software.	388	
					2007	530i	7BMXV03.0N52		130	
						550i, 650i	7BMXV04.8UL2		460	
BMW	07E-A04	3312	V	1/28/2008	2007	ALPINA B7	7ABBV04.4H10	Certain 2007 model year vehicles have a software error that causes certain diagnostics within the On-Board Diagnostic (OBD) system to function improperly. The diagnostics of the thermostat, the Mass Air Flow (MAF) sensor, the radiator outlet temperature sensor, and the inlet air temperature sensor do not work correctly. Consequently, malfunctions of these components are not detected as required. Remedy: BMW service centers will reprogram the Engine Control Module (ECM) in these vehicles with an improved version of the software.	450	450
BMW	07E-A03	3314	V	1/16/2008	2005 2006	325CiA 325CiA	5BMXV02.5M56 6BMXV02.5M56	Certain 2005 and 2006 model year 325CiA vehicles have a potential problem relating to their engine secondary air systems. Due to premature material wear of the secondary air system valve and associated vacuum control lines, the system may fail to operate during cold starts, causing a Service Engine Soon light to illuminate. Remedy: BMW service centers will replace the secondary air system valves, and their associated vacuum control lines, and eliminate a vacuum check valve in the affected vehicles.	205 628	833
BMW	08E-A01	3513	V	5/19/2008	2004	X5	4BMXT03.0E53	BMW has determined that certain X5 3.0i A vehicles may not meet emission control requirements. Remedy: A voluntary emission recall has been issued to reprogram the (ECM) on 2004 model year vehicles to ensure that the vehicles meet mandated emissions standards.	23,689	23,689
Chrysler	2008-14-E	3458	V	4/1/2008	2008	Jeep Wrangler	8CRXT03.8NE1	Some vehicles equipped with 3.8L engines may have had incorrect spark plugs installed in	34	445
							8CRXT0231N81	three of the six cylinders. These incorrect spark plugs will wear out sooner than the	23	
					2008	Chrysler Town & Country	8CRXT0231N80 8CRXT03.8NE0	specified plugs and could cause damage to the engine under certain extreme driving conditions. Remedy: Chrysler dealers will inspect the plugs in affected vehicles and replaced them if necessary.	68 320	
Chrysler	2008-16-E	3485	V	5/1/2008	2006	Jeep Commander	6CRXT04.75J0	The Powertrain Control Module (PCM) on these vehicles was programmed with software that may allow the engine to stall under certain operating conditions. Remedy: Chrysler dealers will reprogram the vehicle's PCM.	24,535	24,535
Chrysler	2008-25-E	3512	V	6/1/2008	2009	Dodge Journey	9CRXJ04.0TN0 9CRXJ04.0CR0	The engine wiring harness on vehicles equipped with 3.5L engines may contact and chafe on the left transaxle mount. If sufficient chafing occurs one or more of the wires in the harness may short-circuit to ground. This could result in an engine compartment fire. Remedy : The dealer will inspect the engine wiring harness for damage, repair if necessary, and reroute the wiring harness away from the left transaxle mount.	4,372 1,675	6,047

Mfr.	Mfr. Recall Number	EPA#	Туре	Owners Notification	MY	Vehicle or Engine Class	Engine Family	Problem Description	Affected Vehicles	Total Number of Vehicles Recalled
Ford	08S02	3366	V	2/29/2008	2006	E-Series E-Series Expedition/Navigator	6FMXT05.4FF5 6FMXT05.4RM6 6FMXT05.4SP6 6FMXT05.4AS6 6FMXT05.4AM3 6FMXT05.4SR2 6FMXT05.4ST2 6FMXT05.4SHT 7FMXT05.4AS6 7FMXT05.46R3 7FMXT05.45H2 7FMXT05.45H2	Some 2006 and 2007 model year vehicles may have been produced with a Fuel Rail Assembly that contains weak areas in the cross over hose. As a result, the hose may crack. This in turn may result in a fuel odor caused by leaking fuel vapors, and possibly a liquid fuel leak as well. A fuel leak in the presence of an ignition source could result in a fire. Remedy: Ford initiated a recall campaign to replace the fuel rail assemblies on the affected vehicles. This is also a safety-related, as well as emission-related recall.	3,085 175 59 1 3,539 59 1,086 3 824 1,927 2,592 43,849	57,199
General Motors	08136 ML-MW287	2724	V	4/1/2008	2004 2005 2006	GMC Yukon, Chevy Suburban GMC Yukon, Chevy Suburban/Avalanche GMC Yukon, Chevy Suburban GMC Yukon, Chevy Suburban/Avalanche GMC Yukon, Chevy Suburban GMC Yukon, Chevy Suburban/Avalanche	4GMXT06.0188 4GMXT06.0188 4GMXT06.0188 5GMXT06.0188 5GMXT06.0394 6GMXT08.1201	Certain vehicles equipped with dual fuel tanks were built with a condition in which the On-Board Diagnostic (OBD) evaporative emission system leak check can become disabled in the presence of a primary fuel tank level sender that is stuck in the 'full' position Remedy: GM has initiated a recall to reprogram the Engine Control Module (ECM) with corrected calibrations.	6,042 4,743 4,650 4,173 803 896	21,307
General Motors	07027 ML-MW288	3303	V	5/12/2008	2004	Cadillac SRX	4GMXT03.6144	Certain 2004 vehicles equipped with 3.6L V6 engines may experience a failure of the left or right catalytic converter. Remedy: The dealer will inspect and, if necessary, replace the catalytic converter with newly manufactured converters.	17,452	17,452
General Motors	07251 ML-MW273	3390	V	3/20/2008	2002	SATURN VUE	2GMXT02.2123	Some 2002 model year Saturn VUE vehicles equipped with 2.2L 4-cylinder engines have electrical stresses in their Ignition Control Modules (ICM's). These electrical stresses may cause the ICM's to fail, resulting in deterioration of idle quality and greatly reduced engine power. Also, the vehicle may be hard to start. The service engine soon light will illuminate and will be flashing. Catalytic converter failure could result from engine misfire if not repaired immediately. Remedy: GM will conduct a Voluntary Emissions Recall to install new ICM's on the affected vehicles. The service modules have an improved design which makes them more resistant to the potentially damaging effects of electrical stress.	13,055	13,055
General Motors	07318 ML-MW271	3392	V	2/18/2008	2007	SATURN AURA HYBRID SATURN VUE HYBRID SATURN AURA HYBRID	7GMXV02.4040 7GMXV02.4130 8GMXV02.4040	There is a voltage imbalance within the hybrid batteries of some 2007 VUE Hybrid and 2007-2008 Aura Green Line Hybrid vehicles. When the imbalance exceeds 0.6 volts the check engine light illuminates and the hybrid function is disabled. Remedy: The battery module and cassette manufacturing processes have been revised to reduce the potential for inducing stress into the parts. Additionally, GM is conducting a Voluntary Emissions Related Recall (VERR) to replace the three hybrid cassettes within the battery assembly.	814 7,487 26	8,327
General Motors	07290 ML-MW262	3418	V	1/25/2008	2008	Chevy Equinox, Pontiac Torrent Chevy Equinox, Pontiac Torrent	8GMXB03.6148 8GMXB03.6146	There are two unused pin cavities within the fuel sender wiring harness connector in each of these vehicles. To prevent moisture from entering the wiring harnesses, these cavities were filled with plugs. Some of the plugs used in these cavities are too small, and have consequently allowed moisture to enter into some of the wiring harnesses. Subsequent corrosion in the 12-way connector could result in failure of the evaporative canister vent solenoid control circuit. Remedy: To correct the problem GM will inspect and, if necessary, install new fuel sender wiring harness connector plugs.	3,895 21,208	25,103

Mfr.	Mfr. Recall Number	EPA#	Туре	Owners Notification	MY	Vehicle or Engine Class	Engine Family	Problem Description	Affected Vehicles	Total Number of Vehicles Recalled
Suzuki	SC45	3418	>	1/25/2008	2008	Suzuki XL7	8GMXT03.6150	There are two unused pin cavities within the fuel sender wiring harness connector in each of these vehicles. To prevent moisture from entering the wiring harnesses, these cavities were filled with plugs. Some of the plugs used in these cavities are too small, and have consequently allowed moisture to enter into some of the wiring harnesses. Subsequent corrosion in the 12-way connector could result in failure of the evaporative canister vent solenoid control circuit. Remedy: To correct the problem Suzuki will replace the fuel sender wiring harness connector plugs.	7,974	7,974
Honda/Acura	PUDR-08-007-00	3495	V	5/19/2008	2008	Civic Si	8HNXV02.4FKC	During engine assembly, an incorrect rocker arm shaft may have been installed. The incorrect shaft does not allow the proper lubrication to the camshafts, which results in excessive heat buildup. In some cases the camshaft holder bolts loosen allowing the rocker arm shaft to move causing a clicking or tapping noise. Remedy: The repair is to inspect the rocker arm shaft and, if the rocker arm shaft is incorrect, replace the complete cylinder head assembly.	30	30
Hyundai	SC073	3478	V	4/1/2008	2003 2004 2005	Sorento 3.5	3KMXT03.5G01 4KMXT03.5G02 GKMXT03.5CM5	A metal clip which is part of the induction control valve in the intake manifold may break off. If this occurs, abnormal engine noise and vibration may occur along with impaired engine functioning and some loss of power. The problem may illuminate the "check engine" light. However, the problem may exist and engine damage occur without "check engine" light illumination. Remedy: Hyundai dealers will remove the original induction control valve and replace it with an improved design.	42,722 47,378 57,493	147,593
Jaguar	K014	3475	V	1/30/2008	2008	X-Type	8JCXV03.0DNH	Some vehicles have been manufactured with incorrect software for the engine management system which under certain driving conditions permits the setting of computer fault codes and the unwarranted illumination of the Engine Malfunction light. Remedy: Jaguar dealers will enter the correct level of software required for the vehicle so that the fault codes will not be set.	711	711
Mercedes-Benz	2008020001	3389	V	3/1/2008	2003 2004 2005 2006	E55, AMG E55, AMG E55, AMG E55, AMG, CLS	3MBXV05.5LBI 4MBXV05.5LBX 5MBXV05.5LBI 6MBXV05.5LBI	Certain 2003-2006 vehicles, when exposed to high ambient temperatures in combination with frequent stop and go driving, may develop cracks in their fuel filter modules due to mechanical stress. These cracks may lead to the escape of fuel vapors. Remedy: Mercedes dealers will check the fuel filter modules in the affected vehicles and repair them or, if necessary, replace them with improved fuel filter modules.	1567 2745 2186 4182	10,680
Nissan/Infiniti	NE-2-25-8	3348	V	2/25/2008	2003 2004 2005 2006	Sentra Sentra Altima Altima Frontier Sentra Altima Frontier	3NSXV01.863A 4NSXV01.883A 4NSXV02.585A 5NSXV02.585A 5NSXV02.5G5A 5NSXT02.5G5A 5NSXV01.883A 6NSXV02.585A 6NSXT02.5G5A	On some 2003-2006 vehicles, there is a possibility that the program in the Engine Control Module (ECM) may cause improper operation of the evaporative emission control system. Remedy: Nissan will conduct a voluntary emissions recall to reprogram the ECM's in the affected vehicles.	8,334 12,126 14,978 49,013 587 1,552 27,957 21,318 3,576	139,441
Nissan/Infiniti	R0714	3387	V	1/30/2008	2008	Pathfinder	8NSXV05.6G9A	Some 2008 V8 vehicles were manufactured with an incorrect under-hood Vehicle Emission Control Information (VECI) label. The label contains an incorrect letter in the emission test group code. The incorrect code can mislead testing facilities concerning the test parameters to use in performing emissions tests which can result in the vehicles being tested using incorrect parameters and false failures of the emissions test. Remedy: Nissan will provide replacement VECI labels to their dealers. These labels will contain the correct emission test group code. Nissan has also issued a Technical Service Bulletin (TSB) containing instructions for the installation of the replacement labels.	4,775	4,775

Mfr.	Mfr. Recall Number	EPA#	Туре	Owners Notification	MY	Vehicle or Engine Class	Engine Family	Problem Description	Affected Vehicles	Total Number of Vehicles Recalled
Nissan/Infiniti	NE-2-19-8	3397	V	2/19/2008	2007 2008	Altima	7NSXV02.585A 8NSXV02.585A	Some 2007 and 2008 Altimas are equipped with an improperly functioning emission-related On-Board Diagnostic (OBD) system. The problem is caused by faulty OBD software. The faulty software may result in failure of the OBD system to warn owners of catalytic converter malfunctions. Remedy: Nissan will conduct a voluntary emissions related recall to reprogram the Engine Control Modules (ECM's) in the affected vehicles.	41,906 19,049	60,955
Porsche	A803	3433	V	2/15/2008	2008	Cayenne	8PRX803.66E1	A fuel line may contact the engine compartment cover and, over time, result in a knocking noise and chafing of the fuel line. Excessive chafing may reduce the thickness of the fuel line wall to the point of causing a leak. Remedy: Porsche is conducting a recall to inspect, reroute, and replace the fuel lines as needed. Customers will be notified by letter to return their vehicles for repairs free of charge. This is also a safety-related, as well as emission-related recall.	5,573	5,573
Toyota/Lexus	7LC	3385	V	1/11/2008	2006	Lexus IS250 Lexus GS300 Lexus IS250	6TYXV02.5PEA 6TYXV03.0WMB 6TYXV03.5PEB	High stress areas may have been created in fuel line tubing within the engine compartments of these vehicles. These stresses, combined with other factors such as corrosive agents in the fuel, may cause cracks, and consequent fuel leaks. Remedy: Lexus dealers will replace the two affected fuel line tubes with newly designed tubes.	2,100 24,000 1,000	27,100
Volvo	190	3440	V	2/22/2008	2004 2005 2006	\$40 \$40, V50 \$40, V50 \$40, V50 \$40, V50 \$40, V50 \$40, V50 \$40, V50	4VVXV2.43U2N 4VVXX2.52U2T 5VVXX02.5U2T 5VVXX02.4S2N 5VVXV02.4U2N 6VVXV02.4U2N 6VVXV02.4S2N 6VVXB02.5U2T	On certain 2004.5 (mid-year production), 2005, and 2006 model year S40 and V50 vehicles, long-term exposure to climatic conditions may cause excessive internal corrosion of the Pump Electronic Module (PEM). This can result in a faulty signal to the fuel pump, which in turn can cause low, or no, fuel pressure. Remedy: The PEM's will be replaced and relocated to the inside of the vehicle (under left rear seat cushion) to prevent exposure to the elements and their consequent excessive internal corrosion.	3,679 1,158 5,763 2,068 6,999 2,082 637 1,254	23,640
Volvo	188	3441	V	2/26/2008	2008	S40 and V50	8VVXV02.4S2N	On certain 2008 S40 and V50 vehicles the crankcase ventilation hose may disconnect. The resultant increase in air flow may cause a whistling noise. In addition, the check engine light may illuminate and/or a slight oil leakage may result. In some cases, this condition may cause the vehicle to fail a state emissions test. Remedy: Volvo dealers will secure the crankcase ventilation hoses with an additional clamp.	535	535

Total number of Vehicles affected by Recall Campaigns: 634,538



Section 2: Emission-Related Voluntary Service Campaigns

New Voluntary Service Campaigns this quarter:

Manufacturer	EPA#
Ford	2482
7 014	2102
General Motors	2776
Volvo	3515

2008 Emissions-Related Voluntary Service Campaigns through June 2008

Mfr.	Mfr. Recall Number	EPA#	Туре	Owners Notification	MY	Vehicle or Engine Class	Engine Family	Problem Description	Affected Vehicles	Total Number of Vehicles Recalled
Ford	08N01	2482	VSC	3/1/2008	2003 2004 2005	LS	3FMXV03.0VF2 4FMXV03.01H2 5FMXV03.01H2	Positive Crankcase Ventilation (PCV) hoses may become loose and disconnect. If a vacuum leak occurs, the Powertrain Control Module (PCM) will detect it and illuminate the Malfunction Indicator Light (MIL). Stalling may also occur due to the defect. Remedy: Ford Motor Company is extending the warranty on the PCV hose assembly to 10 years or 100,000 miles, whichever occurs first.	9,400 14,300 7,400	31,100
General Motors	07053 ML-MW295	2776	VSC	6/19/2008	2005	Saab 9-3 Pontiac GTO, Corvette Saab 9-3	5GMXV02.0003 5GMXV02.0002 5GMXV06.0081 6GMXV02.0003 6GMXV02.8004	Some vehicles may experience a condition where the fuel tank gas cap won't tighten properly or the fuel cap won't come off, or is broken. Remedy: General Motors has extended the fuel cap warranty coverage to 10 years or 120,000 miles whichever occurs first.	12,143 8,588 44,879 20,443 6,378	92,431
Volkswagen/Audi	2008/02/20 VWA-08-06	2011 2629 2774 2840	VSC	2/15/2008	2001 2001 2002 2003 2004 2004 2004 2002	Golf/Jetta/Audi TT Audi A4/Passat Audi A6/A8 Audi S8 Audi A4 & Volkswagen Passat Audi S4/A6/allroad Audi A4 & Volkswagen Passat Audi A4 & Jolkswagen Passat Audi A4 &	1ADXV01.8346 1ADXV04.2345 1ADXV04.2345 1ADXV04.2335 2ADXV01.8342 3ADXV02.7343 3ADXV01.8342 4ADXV02.7343 4VWXV02.8228 2ADXV03.0344	Faulty internal soldering to pins that mate with an external terminal cause Engine Coolant Temperature (ECT) sensor failure. Remedy: Additional heat is now being applied during production of the solder joints, and improved parts are now available for use in the field. Volkswagen has also extended the warranty on the ECT sensor on selected models and model year VW/Audi's to 10 years or 100,000 miles.	53,921 66,342 5,896 816 82,510 9,763 100,545 12,688 3,226 26,359	362,066
Volvo	198	3515	VSC	6/26/2008	2001	V70 AWD V70AWD, V60 S80 T6, S80 Exec V70 AWD V70AWD, V60 S80 T6, S80 Exec	1VVXT2.43L5T 1VVXV2.43L5T 1VVXV2.43U5N 1VVXV2.78T6T 1VVXV2.92L6N 2VVXT2.43L5T 2VVXV2.43L5T 2VVXV2.43U5N 2VVXV2.92U6N 2VVXV2.92U6T	Due to fuel quality and climate conditions the fuel pump may degrade to the point of emitting fuel vapors and may leak raw fuel. Conditions of long crank time and/or reduced engine performance may also be associated with this problem. It has been determined that the states of Arizona and Nevada have the largest number of problems. Remedy: In cooperation with the National Highway Traffic Safety Administration (NHTSA) a Safety Recall was issued for the vehicles in those states. For vehicles in other states the warranty was extended to 10 years or 150,000 miles, whichever comes first. The fuel pumps will be replaced at no cost with a valid customer complaint. Owners that have paid for a replacement fuel pump may be eligible for a refund.	27,842 32,334 25,131 8,328 17,416 20,635 24,865 27,652 10,753 5,038	199,994

Total number of Vehicles affected by Voluntary Service Campaigns: 685,591

SUMMARY

Total number of Vehicles affected by Recalls and Voluntary Service Campaigns: 1,320,129

Total number of Voluntary Recalls: 26

Total number of Voluntary Service Campaigns: 4

Total number of Recalls and Voluntary Service Campaigns: 30