

2006 TO DATE
Emission Related Recall and Voluntary Service Campaigns Performed On Light-duty Vehicles and Light-Duty Truck*
Most recent report: SEE BOTTOM

Recall Campaigns

Mfr.	Mfr. Recall Number	EPA#	Type	Owners Notification	MY	Vehicle or Engine Class	Engine Family	Problem Description	Affected Vehicles	Sales Area	Total Number of Vehicles Recalled
BMW	06E-A02	3050	V	6/1/2006	2002 2003 2004 ^ ^ 2004	BMW 745i, 745Li BMW 745i, 745Li BMW 545i, 745i, 745Li, 645Ci, 645Ci Cabrio BMW X5 4.4i, X5 4.8is	2BMXV04.4LEV 3BMXV04.4LEV 4BMXV04.4LEV ^ ^ 4BMXT04.4N62	Defective PCV valve from torn membrane caused by chemical reaction of carbonyl compounds (acetic and formic acid) in PCV gas stream. DTCs stored in ECM and MIL illumination lead owner to seek repair. The damaged membrane lets un-metered air into the intake system which drifts the air/fuel ratio out of specified range so exhaust emission stds. could be exceeded. Remedy: BMW implemented a recall. An improved silicone material is used in the PCV valve for production and repair kits. The crankcase ventilation valves are replaced on both cylinder banks of the affected vehicles using improved parts.	18222 20722 30025 ^ ^ 8803	NF(CFV+CA+NL) NF(CFV+CA+NL) 50S ^ ^ 50S	77772
BMW	06E-A01	3058	V	4/24/2006	2006	325i/iA/xi/xiA/xiTA; 330i/iA/xi/xiA; 525i/iA/xi/xiA; 530i/iA/xi/xiA/xiTA	6BMXV03.0N52	Faulty DME control module software may not correctly detect a potential emission relevant sensor failure. The scan tool cannot read out the Valvetronic position control fault code. Remedy: Authorized BMW center will reprogram the DME engine control module with an improved version of the software at no charge to the owner.	69432	50S	69432
DAIMLER/CHRYSLER	EDIR-2006-5 F07	2661	V	3/3/2006	2006	Dodge Viper	6CRXV08.3VM0	The VECI labels do not display the proper emission control system classification for two oxidation catalysts. Remedy: DaimlerChrysler will conduct a Voluntary Emission Recall (F07) of the affected vehicles and mail a revised VECI label to the owner for installation on the vehicle by owner or dealer.	513	50S	513
DAIMLER/CHRYSLER	EDIR 2006-6-E & F02	2663	V	4/1/2006	2006 2006	Jeep Liberty Jeep Liberty	6CRXT03.7NE0 6CRXT0226N70	The wiring for left rear O2 sensor may contact the exhaust and melt, resulting in possible electrical shorts. The OBD oxygen sensor diagnostics will detect the melted wire insulation and shorted contact condition; then illuminate the MIL. There will be loss of fuel trim provided by this sensor signal, however fuel control will still remain closed-loop. Remedy: The issue has been corrected in production by reducing the wiring length. A safety recall (F02) will be conducted to secure excess slack in the O2 sensor wiring on suspect vehicles.	12639 1843	50S CA	14482

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DAIMLER/CHRYSLER	2006-18-E F29	2740	V	6/30/2006	2007 2007 2007 2007	Dodge Caliber Dodge Caliber Dodge Caliber Dodge Caliber	7CRXV0110M70 7CRXV01.8ME0 7CRXB0144M80 7CRXB02.4ME5	The thermostat monitor portion of the engine cooling system monitor is incorrectly configured so that a failed thermostat can never be detected twice in a row(to a matured MIL fault). After the first failure the monitor erroneously suspends itself and the MIL will not be illuminated if the thermostat fails. Remedy: DaimlerChrysler will conduct a voluntary emissions recall to re-flash the PCM of the affected vehicles.	101 569 5689 23242	CA FED CA FED	29601
DAIMLER/CHRYSLER	2006-22-E	2757	V	TBD	2006 2006	Dodge Ram 1500 Dodge Ram 1500	6CRXT04.75S0 6CRXT04.76UO	The oxygen sensor electrical diagnostics (shorted high and shorted low), on some Dodge Ram 1500s equipped with 4.7L & M/T, do not allow a shorted high or a shorted low event fault to mature. The diagnostic can only count one shorted event so this prevents the MIL from illuminating. Further analysis revealed, that although other diagnostics will detect subsequent problems caused by a shorted oxygen sensor; overall OBD capability is reduced in this case. Remedy: DaimlerChrysler will supply all dealers with an ECM calibration reflash which will assure OBD functionality.	320 791	50S 50S	1111
GENERAL MOTORS	ML-MW156	3066	V	3/1/2006	2004 2004	Cadillac XLR Cadillac SRX	4GMXV04.6067 4GMXT04.6161	Incorrect engine control module programming causes a certain canister purge solenoid circuit to malfunction. The malfunction(s) will disable other OBD monitors without storing a Diagnostic Trouble Code or illuminating the Malfunction Indicator Light. Remedy: Voluntary emission recall 06503 will be conducted in March of 2006 on 2004 MY vehicles to install corrected OBD calibrations at no charge to the owner.	3861 13563	50S FC(Tier2 Fed&Cal)	17424
HONDA/ACURA	EDIR-05-012-00 EDIR-05-012-01	2560	V	12/9/2005	2005	Accord Hybrid	5HNXV03.01B4	The OBD system may falsely detect a misfire immediately following a code clear with a scan tool unless the technician performs the learning procedure. The MIL illuminates. Battery damage may also occur. Honda has made available instructions on how to clear the codes. Remedy: The PCM will be reprogrammed free-of-charge with an appropriate programming by a Honda dealership per TSB #05-038.	6600	50S	6600

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HONDA/ACURA	VERR-06-007-01	2692	V	7/28/2006 7/28/2006	2006 2006	Insight (CVT) Insight (MT)	6HNXV01.0VK5 6HNXV01.0YJV	After certain continuous driving period, the OBD system falsely detects a malfunction of engine off timer. The cause of the failure is incorrect programing of the OBD system. A PCM with improved programming has been applied to the assembly line and is made available for repair under running change #S2. When this defect occurs, the MIL comes on with DTC P2610. Remedy: The recall requires that the PGM-FI software be updated in the ECM (TSB #06-053) at no charge to the owner. The ECM/PCM will be reprogrammed with remedied programing by Honda dealership.	218 274	50S 50S	492
ISUZU	ML-MW171	2703	V	3/13/2006	2006	Ascender	6GMXT04.2186	Isuzu vehicles were delivered to dealers in California and two Northeast States (Massachusetts and New York) with Federal Emissions Calibration software and emissions label, a limited number of which were sold to retail customers. None of the affected vehicles was delivered to or sold in Vermont or Maine. Remedy: To correct the condition all of the subject vehicles will receive the proper emissions calibration software and vehicle emissions label.	32	CA	32
KIA		3068	V	8/1/2006	2006	Rio(JB)	6MXV01.6BM5	The original design included a coin box behind the cover to the OBD connector which was in violation of the CARB regulation Title 13 CCR Section 1968.2 (f) 2.2. Remedy: The recall by Kia shows that the access problem requiring removal of a coin holder-type fuse cover to the OLD connector will be solved by replacing the original cover with a flat-type fuse cover. This will minimize efforts to access the diagnostic connector of the OLD system.	24837	50S	24837
LAMBORGHINI	2006 / 04 / 13 2006/05/09 2006/07/10	2705	V	8/28/2006	1996 1997 1998 1999 2001 2002 2003 2004 2004	DB 132 Diablo DB 132/144 Diablo DB 132/144 Diablo DB 132/144 Diablo DB 132/144 Diablo L 147 Murcielago L 147 Murcielago L 147 Murcielago L 140 Gallardo	TN5.7VJGFHK VNL5.7VJGFHK WNLXV05.7DB8 XNLXV05.7DB8 1NLXV06.0321 2NLXV06.2472 3NLXV06.2472 4NLXV06.2474 4NLXV05.0404	A condition exists in the ECM software of all MY1996 to MY2004 Lamborghini vehicles sold in the US market causing the following fault. The OBD readiness status of installed monitor components and systems within the OBD are cleared at key off event. Production software improvements were made starting MY2005. Remedy: Recall (issued 7/21/2006) will upgrade the Engine Management System software at service department of authorized dealer.	24 75 104 160 148 98 169 121 697	[^] 50S 50S 50S 50S 50S 50S 50S 50S	1596
MAZDA	4106E	2739	V	6/1/2006	2006 2006	Mazdaspeed 6 2.3L Mazdaspeed 6 2.3L	6TKXV02.35EA 6TKXV02.3NE1	Incorrect PCM calibration causes ignition timing retard and turboboost pressure limitation to operate excessively when constant engine knocking occurs under high ambient temperature and high-load driving even with premium fuel. Remedy: PCM will be reprogrammed by Mazda dealer and recall label #4106E will be attached on driver's door.	6500	50S	6500

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MAZDA	4206F	2788	I	8/31/2006	2004 2005 2005 2006	Mazda RX-8	4TKXV01.3CNA 5TKXV01.35NM 5TKXV01.3NC1 6TKXV01.35DA	Due to insufficient control of oil supply, the engine may suffer from the lack of engine oil under certain driving conditions. If the vehicle continues to be driven with such condition, the sealing capability of combustion chamber may be degraded, causing drivability or emission problems. Due to wrong PCM calibration, carbon may deposit on spark plugs or plugs may be flooded during engine start, causing difficult start condition. In addition, as a result of wrong service procedure when recovering from difficult start condition, the catalytic converter may be damaged on some vehicles. Remedy: Mazda at no charge will reprogram the PCM for latest calibration and inspect plus repair/replace if necessary: spark plugs, engine, and catalytic converter.	37300 17700 17700 5800	50S 50S 50S 50S	78500
MERCEDES-BENZ	MB002-2005	2582	V	4/1/2006	2002 ^ 2002 ^ 2003 ^ 2003 ^ 2004 ^ 2004 ^ 2005 ^ 2006	SLK 32 AMG, C32 AMG CL 55 AMG, S 55 AMG SLK 32 AMG, C 32 AMG CL 55 AMG, S 55 AMG, E 55 AMG CL 55 AMG, S 55 AMG, E 55 AMG SLK 32 AMG, C 32 AMG CL 55 AMG, S 55 AMG CL 55 AMG, S 55 AMG, SL 55 AMG, E 55 AMG, CLS 55 AMG, SLR	2MBXV03.2LBI ^ 2MBXV05.5LBI ^ 3MBXV03.2LBI ^ 3MBXV05.5LBI ^ 4MBXV05.5LBX ^ 4MBXV03.2LBI ^ 5MBXV05.5LBI ^ 6MBXV05.5LB1	A air injection pump, designed to operate during engine warm up periods, may fail to turn off at specified time. This will cause the pump to overheat and burn out. When the pump fails a MIL light will illuminate. Remedy: Mercedes and ECU-supplier have identified a software modification which will prevent random electromagnetic impulses from affecting the air injection pump. MBUSA plans to issue a field fix to all its dealers in early 2006. The ECU software will be updated and the pump relay replaced.	2761 ^ 1973 ^ 1335 ^ 4152 ^ 3401 ^ 515 ^ 1318 ^ 3659	CL(CA+NLEV ALLS) ^ CL(CA+NLEV ALLS) ^ CL(CA+NLEV ALLS) ^ CL(CA+NLEV ALLS) ^ 50S ^ 50S ^ 50S ^ 50S	19114
MITSUBISHI/D-STAR	06XMED0160	2669	V	8/1/2006	2004 2004 2005 2005	Galant	4DSXV02.4GRB 4DSXV02.4G6G 5DSXV02.4G6G 5DSXV02.4GRB	Inadequate software calibration that may result in damage to the warm-up catalytic converter and subsequent illumination of the "SERVICE ENGINE SOON (SES) lamp when operated under certain specific driving conditions. Emissions may exceed standards and performance reduced (flow restriction thru catalyst) if vehicle operated for extended period after MIL is illuminated. Remedy: Reprogram ECU with ROM upgrade free of charge without regard to mileage or time-in-service. If vehicle accumulated mileage exceeds 80,000 Federal or 150,000 CA, and Service Engine Soon is illuminated; then warm-up catalytic converter is replaced free of charge, if recall is completed within 6 months of the date of this notice.	24957 7889 5245 18375	FED CA CA FED	56466

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NISSAN/INFINITI	06V-54	2743	V	3/21/2006	2005	Murano	5NSXT03.5G7A	A fitting for vapor recirculation, which is welded on the fuel tank on Nissan Murano vehicles coming off as indicated by the MIL. Remedy: A recall 06V-54 will be implemented. The fuel tank will be replaced with a new one.	14268	CA	14268
NISSAN/INFINITI	R505/05V-555	2744	V	2/13/2006	2003 2003 ^ 2003 2003 2004 ^ 2004 2004 2004 2005 2006	G35 Sedan A/T 350Z, G35 Sedan/Coupe FX35 FX45 350Z, G35 Sedan/Coupe G3 5 Sedan AWG FX35 FX45 FX45 FX45	3NSXV03.5C7A 3NSXV03.5C7B ^ 3NSXT03.5C7B 3NSXT04.5C8A 4NSXT03.5G7A ^ 4NSXV03.5G7C 4NSXT03.5G7A 4NSXT04.5M8A 5NSXT04.5M8A 6NSXT04.5M8A	On some 2003 - 2004 Nissan vehicles the fuel filler hose may crack and result in fuel and vapor leakage. The MIL may illuminate. Remedy: A recall (R505/05V-555) will be implemented. Nissan to replace the fuel filler and vapor hoses with new ones.	54200 65721 ^ 17640 6462 36081 ^ 31 26596 3799 1877 6	CL(CA+NLEV ALLS) CL(CA+NLEV ALLS) ^ CL(CA+NLEV ALLS) ^ CL(CA+NLEV ALLS) CA ^ CA CA CA CA	212413
NISSAN/INFINITI		2775	V	8/21/2006	2003	Altima S Sedan Sentra SE-R Sedan	3 NSXV02.5D5A 3NSXV02.5C5A	Engine may stop running due to a brief interruption in the crank angle sensor output signal. The location of the sensor in the engine has large enough variations in temperature to cause a brief interruption in the signal output from the sensor. The ECM logic doesn't have enough time to diagnose the condition, so the engine may stop running (vehicle stall). Remedy: The ECM will be reprogrammed to prevent stalling incidents due to signal interruptions from the crank angle sensor.	186279 14587	50S 50S	200866
SUBARU	#WWX-08	2704	V	6/9/2006	2004	Legacy, Outback	4FJXV02.5NKR	Some 2004 CA PZEV certified SUBARU Legacy /Outback 2.5L NA models will experience MIL illumination and the storage of DTC P0420 (catalyst system efficiency below threshold). The P0420 illumination condition has been confirmed to be from a unique mixture of excess fuel supply and air that reacts in the catalytic converter resulting in abnormal catalyst degradation. Remedy: SUBARU is conducting a customer service campaign. The repair will include reprogramming the ECM; and possibly catalytic converter replacement, but only if DTC P0420 is present.	21516	50S	21516

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SUZUKI	SC-32	2747	V	7/15/2006	2006	Suzuki Verona	6DXV02.5D04	Incorrect ECM control logic causes leak detection monitoring of the evaporative emission control system to be disabled during subsequent driving cycles if OBD detects a noisy signal from the differential fuel tank pressure sensor and stores pending DTC P0454. If monitor disabled , the MIL will not illuminate if an evaporative emission control system leak occurs during subsequent driving cycles. Remedy: Suzuki will conduct an emissions-related recall to reprogram the ECM in affected vehicles with corrected software (SC-32).	2000	50S	2000
VOLKSWAGEN/AUDI	38513	2544	V	7/28/2006	2002	A4, Passat	2ADXV01.8342	The crankcase ventilation hose is broken or cracked and shows visible signs of deterioration. In most cases a MIL and / or oil leakage and / or engine starting problems will occur. Remedy: A recall has been issued to replace the crankcase breather hose with a new hose of improved material.	77106	CL(CA+NLEV ALLS)	77106
VOLKSWAGEN/AUDI	M6	2637	V	8/18/2006	2004 ^ ^ 2005	Golf/Jetta/New Beetle with 1.9L TDI Engine Golf/Jetta/New Beetle with 1.9L TDI Engine	4VWXV01.9236 ^ ^ 5VWXV01.9236	Internal coolant leak in EGR cooler assembly leads to customer complaint from Engine coolant light (low coolant)/MIL being on. NOx emission values increase when EGR cooler is blocked at the regulating flap and cooler connecting pipe. Remedy: The vendors manufacturing process was optimized to assure the elimination of any internal leaks in the EGR cooler. Dealers will replace the EGR cooler on affected vehicles, Recall M6.	18690 ^ ^ 21	FED ^ ^ FED	18711

Total number of vehicles voluntarily recalled: 951352

Type:

O- Ordered by EPA
I- Manufacturer voluntary Action with EPA Influence
V- Voluntary Action by Manufacturer

Number of Recalls by type:

Ordered
Influenced **1**

Sales Area:

CL- California + NLEV (all States)
FED- Federal States (all altitude)
CA- California
FED/NLEV- Northeast States (all Altitude)
NL(NLEV ALLS) - NLEV + All States
NE+CA- NLEV Northeast States+California
CE- California + NLEV

Voluntary Total 23

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Voluntary Service Campaigns

Mfr.	Mfr. Recall Number	EPA#	Type	Owners Notification	MY	Vehicle or Engine Class	Engine Family	Problem Description	Affected Vehicles	Sales Area	Total Number of Vehicles Recalled
HONDA/ACURA	PUDR_WER-04-005-00	2269	VSC	5/13/2006	2000 2001 2001 2002 2002 2003 2003 2004 2004	Insight (MT) Insight (MT) Insight (CVT) Insight (CVT) Insight (MT) Insight (MT) Insight (CVT) Insight (MT) Insight (CVT)	YHNXV01.0LA4 1HNXV01.0FH6 1HNXV01.0HEV 2HNXV01.0CCE 2HNXV01.02N4 3HNXV01.01A4 3HNXV01.0PCE 4HNXV01.02A6 4HNXV01.0NCE	Overcharging of the IMA battery causes deterioration of the IMA battery unexpectedly. The MIL illuminates. The cause of failure is inappropriate calibration of the Battery Condition Monitor Module (BCM). An improved battery ECM calibration has been applied to the assembly line and is made available for repair under Running Change/Field Fix #E5 and for warranty service, TSB 04-028. Remedy: Warranty extended on Battery Control Module to 10 years of 150,000 miles. The Battery Control Module and Motor Control Module will be replaced with improved ones at Honda dealerships. A failed IMA battery will be replaced with a new one under warranty extension.	1861 800 656 559 250 112 310 46 164	NF(CFV+CA+NL) NF(CFV+CA+NL) NF(CFV+CA+NL) NF(CFV+CA+NL) NF(CFV+CA+NL) CL(CA+NLEV ALLS) 50S 50S 50S	4758
MERCEDES-BENZ	2005-020004	2362	I-VSC	2/1/2005	2000	S CLASS, CL CLASS	YMBXV05.0GNB	The ceramic monolith substrate in the catalysts of certain model 2000 S and CL class MERCEDES-BENZ vehicles may be damaged under certain circumstances. This will illuminate the OBD MIL until vehicle is serviced. Remedy: MBUSA will notify owners that their vehicle will be repaired under extended warranty which will increase from 8/80,000 to 10/unlimited.	20147	CL(CA+NLEV ALLS)	20147
VOLVO	VSC 155	2655	VSC	4/1/2006	1999 ^ 1999 ^ 1999 1999 1999 2000 ^ ^ 2000 2000 2000 2001 2001 ^ 2001 2001 2001 2002 2002	S70 AWD, V70 AWD, V70 XC S70, V70, C70 (Turbo) S70, V70 S80 (Turbo) S80 S70, S70 AWD, V70, V70 AWD, V70 XC, C70 S70, V70 S80 (Turbo) S80 V70 XC AWD C70, S60, V70, V70 AWD S60, V70 S80, S80 Executive S80, S80 Executive C70 (w/o S60, V70) S60, V70	XVVXV2.43AW2 ^ XVVXV2.43PA2 ^ XVVXV2.43TF2 XVVXV2.78EN2 XVVXV2.92BU2 YVVXV2.43PA3 ^ ^ YVVXV2.43TF3 YVVXV2.78EN3 YVVXV2.92BU3 1VVXT2.43L5T 1VVXV2.43L5T ^ 1VVXV2.43U5N 1VVXV2.78T6T 1VVXV2.92L6N 2VVXV2.43L5T 2VVXV2.43U5N	Electronic Throttle Module (ETM) failure may illuminate Electronic Throttle System (ETS) light or MIL. Symptoms may include, uneven engine idle, and/or "limp home mode" that could restrict vehicle speed to 10-30 miles per hour. Faults of the ETM are stored as DTCs in the ECM. If OBD II detects a fault that might increase emissions, the MIL is illuminated. Remedy: A software upgrade will be performed at the next service interval, and ETM warranty extended to 10 years or 200,000 miles, whichever comes first.	17645 ^ 17233 ^ 29576 10478 15398 32323 ^ ^ 28965 12984 23238 27243 36318 ^ 25131 8330 17091 3360 27654	CL(CA+NLEV ALLS) ^ NF(CFV+CA+NL) ^ NF(CFV+CA+NL) CL(CA+NLEV ALLS) CL(CA+NLEV ALLS) NF(CFV+CA+NL) ^ ^ 50S CL(CA+NLEV ALLS) 50S NF(CFV+CA+NL) NF(CFV+CA+NL) ^ 50S 50S NF(CFV+CA+NL) 50S 50S	332967

Total number of vehicles VSC&I-VSC recalled:

357,872

Most recent reports: Chrysler 2757, Honda 2692, Mazda 2788, Mercedes 2362, Mitsubishi 2669, Nissan 2775, Volkswagen 2637

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Voluntary Service Campaigns

Type:

O- Ordered by EPA

I-VSC- Manufacturer voluntary Action with EPA Influence

VSC- Voluntary Action by Manufacturer

Total number of vehicles Effected by Voluntary

Recalls and Voluntary Service Campaigns: 1,309,224

**Total number of Voluntary Service
Campaigns: 3**

**Total number of Influenced, Voluntary
Emission Recalls and Voluntary Service
Campaigns: 2**

**Total number of all Voluntary Emission
Recalls and all Voluntary Service
Campaigns: 26**

Sales Area:

CL- California + NLEV (all States)

FED- Federal States (all altitude)

CA- California

FED/NLEV- Northeast States (all Altitude)

NE+CA- NLEV Northeast States+California

CE- California + NLEV

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