

2005 Annual Summary of Emission-Related Recall and Voluntary Service Campaigns Performed on Light-Duty Vehicles and Light-Duty Trucks

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2005 Annual Summary of Emission-Related Recall and Voluntary Service Campaigns Performed on Light-Duty Vehicles and Light-Duty Trucks

Compliance and Innovative Strategies Division
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

2005 Emission-Related Recall and Voluntary Service Campaigns Performed on Light-Duty Vehicles and Light-Duty Trucks*

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	05E-A01	3020	V	10/20/2005	2001 2002 2002 2003 2003 2003 ^ ^ 2003 ^ 2003 2003 2003 2003 2003 2004 2004	M3/Cabr/Rdst/Cp M3/Cabr/Rdst/Cp 745i, 745Li X5, 3.0i 325iA/CiA/iAT 325i/Ci/Ci Cabr, 325iT/xi/xiT,330xi,52 5i/iT,Z4 2.5i 330i/Ci/Ci Cabr, 530i,Z4 3.0i 325i, 325iT, 330i M3, M3 Cabrio 745i, 745Li 760Li 325iA/CiA/iAT 325i/Ci/Ci Cabr/iT, 330i/Ci/Ci Cabr, X3 3.0iA	1BMXV03.2S54 2BMXV03.3S54 2BMXV04.4LEV 3BMXT03.0E5R 3BMXV02.5M56 3BMXV03.0LER ^ ^ 3BMXV03.0M5R ^ 3BMXV03.0UL2 3BMXV03.2S54 3BMXV04.4LEV 3BMXV06.0N73 4BMXV02.5M56 4BMXX03.0UL2	Certain Ignition coils have been identified to be not sufficiently resistant to the high engine compartment temperatures. Coils supplied by Bosch are not affected by this problem. Remedy: The Breimi coils will be replaced by Bosch ignitions coils.	4642 10394 22887 31008 12181 82248 ^ ^ 44432 ^ 18698 8890 2096 328 12772 68044		318620
DAIMLER/CHRYSLER	2004-21-E & D46	2402	V	1/18/2005	2005 2005 2005 2005 2005 2005 2005 2005 2005 2005	Ram, Dakota Ram Liberty, G/Cherokee Wrangler PT Cruiser PT Cruiser PT Cruiser PT Cruiser PT Cruiser SRT-4 PT Cruiser	5CRXT03.75S0 5CRXT03.76U0 5CRXT03.7NE0 5CRXT04.02N0 5CRXV0148M80 5CRXV02.4VE0 5CRXV02.4VE0 5CRXV02.4VE1 5CRXV02.4VE1 5CRXV02.4VH0 5CRXV02.4VH0	The OBD fuel system monitor was disabled when an associated configuration register was inadvertently cleared prior to release. Remedy: PCM of the affected vehicles will be reprogrammed with corrected software.	4053 195 38004 3898 1921 1246 7798 1566 659 1101 1943	50S 50S 50S 50S CA 50S 50S 50S CA 50S FED	62384
DAIMLER/CHRYSLER	2005-1-E & E02	2488	V	2/21/2005	2005	Liberty	5CRXT03.7NE0	Some vehicles were manufactured with the wrong VECI label attached. Remedy: A new label will be sent directly to the owner with instructions, or owner can take label to dealer for installation.	80	50S	80
DAIMLER/CHRYSLER	2005-2 & E01	2493	V	4/4/2005	2005	Durango Durango Durango Durango	5CRXT03.75S0 5CRXT04.75J0 5CRXT04.76U0 5CRXT05.75J1	Fuel tank filler tube inlet check valve on some vehicles may not fully close at the end of refueling. This could allow some fuel to escape at the end of refueling. This could cause an increase in emissions when the check valve does not fully close. A safety recall E01 will inspect and replace all defective filler necks. Remedy: Fuel tank inlet check valve will be tested for proper operation. If found to be defective the fuel tank will be replaced.	1034 1999 7559 9011	50S 50S 50S 50S	19603
DAIMLER/CHRYSLER	2005-8	2524	V	4/1/2005	2004	Ram	4CRXT05.77X0	VECI label is missing load rating and frontal area limits. Remedy: Voluntary emissions recall E09 will replace the labels with correct one. Labels will be sent directly to vehicle owners to place on their vehicles.	345	50S	345

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DAIMLER/CHRYSLER	2005-22	2640	V	TBD	2005	Dodge Ram	5CRXK05.7TX0	Some cab-chassis trucks certified to 50-State emissions standards were misidentified as CA-only emissions certified trucks. Remedy: VERR conducted to replace the PCM and VECI label to correctly identify trucks as 50-State vehicles.	309	50S	309
GENERAL MOTORS	ML-MW091	2512	V	4/1/2005	2001 2001 2002 2002 2003	C/KTrk,Chev,GMC C/KTrk,Chev,GMC C/KTrk,Chev,GMC C/KTrk,Chev,GMC C/KTrk,Chev,GMC	1GMXA04.3190 1GMXT04.3184 2GMXA04.3190 2GMXT04.3184 3GMXT04.3184	Internal corrosion on the contacts inside the distributor and rotor may cause failure of the ignition system. Condensation from an AC line located above the distributor may drip onto the unit and cause the corrosion. Spark may be routed to the wrong cylinder. The OBD system will detect the misfire and signal a MIL. Remedy: A foam sleeve will be installed onto the AC line to prevent and condensation buildup, thus preventing future corrosion.	3959 36510 6309 79428 53776	CA CA CA CA CA	179982

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GENERAL MOTORS	ML-MW106	2529	V	4/20/2005	2005 2005 2005 " " " " 2005 2005 " 2005 2005 2006	Sunfire Classic Malibu, Uplander, Equinox, Montana SV6, Grand Prix, G6, Terraza, LaCrosse, Relay Grand Prix Grand Prix, LaCrosse Silverado, Sierra Silverado, Sierra G6	5GMXV02.2025 5GMXV02.2027 5GMXX03.8148 " " " " 5GMXV03.8041 5GMXV03.8044 " 5GMXH06.6590 5GMXH06.6591 6GMXVB03.9146	Some Engine Control Modules (ECM) or Power train Control Modules (PCM) have potentially damaged integrated circuits (IC). This may cause the EGR system to malfunction, or cause the fuel pump to turn off, or the turbo system to malfunction. A MIL light would be illuminated if this occurs. Remedy: A recall campaign will be conducted on affected vehicles to replace the suspect control modules.	1 14 1702 ^ ^ ^ ^ ^ 1 274 ^ 53 116 2	FC(Tier2 Fed&Cal) CA CA " " " " FC(Tier2 Fed&Cal) CA " 50S 50S CA	2163
GENERAL MOTORS	ML-MW140	3046	V	11/21/2005	2006 2006	Chevy Express GMC Savana	6GMXT06.0391 6GMXT06.0391	Certain vehicles were built with incorrect On-Board Diagnostic calibrations. Remedy: The affected vehicles will be reprogrammed to install the correct OBD calibration.	2602 462		3064
HONDA/ACURA	EDIR-02-047-00 & EDIR-02-047-01	1701	V	12/1/2001	2000 2001	Insight Insight	YHNXV01.0LA4 1HNXV01.0FH6	IMA system battery may deteriorate when the vehicle is operated in cold conditions and under high loads. Emissions are slightly increased but are still below standards. When this conditions occurs, the change in performance of the vehicle is obvious and should be noted by the driver. The battery condition monitor and the motor control module with an improved calibration had been applied to the assembly line and for repair under Running change/Field fix #K1. Issued Service Bulletin #01-102. Remedy: The battery condition monitor module and the motor control module will be replaced with improved parts.	5677 1807	CA CA	7484
HONDA/ACURA	EDIR-05-004-00 & EDIR-05-004-01	2522	V	11/30/2005	2005	Accord Hybrid	5HNXV03.01B4	When engine is started directly following a generic code clear command, without first turning the ignition off, the IMA battery will be overcharged. The IMA or a MIL light will illuminate. The problem is caused by inappropriate programing of the MCM module. A newly reprogrammed MCM computer has been applied to the production process, and current vehicles with MIL illumination will be covered under emission warranty. Running Change #L7 for corrective action and TAB #05-038. Remedy: The MCM will be reprogrammed with a correct Programming by dealership.	6491	CA	6491

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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-05-023-00 (P89)	2620	V	9/14/2005	2005	Acura RL	5HNXV03.5PB4	PCM causes engine shudder, and may not allow the transmission to upshift to 4th gear. Remedy: The PCM will be reprogrammed with an appropriate programming by an Acura dealership. Issued TSB #05-027.	21437	CA	21437

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HONDA/ACURA	PUDR-05-010-00 (P72)	2477	V	7/31/2005	2003	Civic Hybrid	3HNXV01.34A5	Under certain driving conditions, inappropriate air to fuel ratio causes catalyst heat damage. The catalyst oxygen storage capacity is reduced and the MIL illuminates. Vehicle will be diagnosed under emissions warranty.	28192	CA	73950	
		^				2003	Civic Hybrid		3HNXV01.36CV	4348		CA
		^				2004	Civic Hybrid		4HNXV01.35A6	15424		CA
		^				2004	Civic Hybrid		4HNXV01.37CP	7397		CA
		^				2005	Civic Hybrid		5HNXV01.33A6	11951		CA
		^				2005	Civic Hybrid		5HNXV01.3YCV	6638		CA
		2494				The OBD system may falsely detect a malfunction in the Variable Cylinder Management (VCM) system (Valve Pause System in Civic IMA). This happens after the engine oil and filter are changed. The cause is an inappropriate calibration of the OBD system. A PCM with a new calibration has been for assembly line. Running change/field fix #L4 (Civic), and #K9 (Odyssey) has been issued for vehicle service, MY 03-05. TSB #05-019 will address 05MY Odyssey. MIL indication will prompt owner to service or diagnose vehicle at dealership.						
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2531	The IMA battery may become overcharged thus deteriorating the IMA battery unexpectedly. The IMA light will illuminate, and possibly the MIL light depending on battery condition. The cause of the failure is a improperly calibrated control module (MCM). Field fix M1 has addressed issues in vehicles under Honda control. When the MIL is illuminated, a the owner will likely seek service at dealership. Remedy: The ECM/PCM will be reprogrammed with improved programming by a Honda dealership. Honda service bulletin 05-028 will address the issue.											
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KIA	52	3045	V	11/10/2005	2003	Sorento	3KMXT03.5G01	Vehicle may experience a fuel leak near the fuel tank. The cause of this malfunction is rubbing between fuel tube and body frame. Remedy: Kia will inspect and replace a section of the fuel line.	3037	CL	3037
LAND ROVER	2005-4.4-1	3049	V	10/14/2005	2005	LR3	5LRXT04.4002	Vehicles may have fuel tanks that contain an internal breather pipe that was not made to specification. This may result in excessive swelling and cracking of a grommet and subsequent detachment of the breather pipe from a connector tube. MIL may illuminate. Remedy: A voluntary safety recall has been initiated to replace the fuel tank.	17263	50S	17263
MAZDA	3105G	2222	I	8/31/2005	2004 2004 2004	Mazda 6 Mazda 6 Mazda 6	4TKXV02.3AJA 4TKXV02.3BJ1 4TKXV02.3AJM	Due to inappropriate programming of PCM, the malfunction logic of periodic deterioration that is a part of oxygen sensor monitor function of OBD II is disabled. MIL will not illuminate. Trouble code data will not be stored. Mazda will reprogram the PCM of affected vehicles in the plant, port, and distributor. Issue a repair procedure for technicians to correct the problem on vehicles brought into the dealership with this problem. Remedy: Mazda is issuing a recall letter to owners of affected vehicles and will reprogram the PCM to the correct specifications.	700	50S CA 50S	700
MAZDA	3205G	2251	V	8/31/2005	2004 2004	Mazda 6 Mazda 6	4TKXV03.0ALA 4TKXV03.0ALM	Due to inappropriate design of the Powertrain /control Module (PCM) circuit for a part of evaporate leak monitoring system in the PCM, ability of a pump control circuit failure detection may be lower than requirement of OBD2 regulation. Remedy: Mazda will issue a repair procedure to correct this concern by reprogramming the PCM of affected vehicles when customer brings vehicle in for service at the dealer. A recall will be preformed to recall the vehicles and reprogram the PCM.	8900	50S FED	8900
MAZDA	3305G	2472	V	8/19/2005	2004 2005 2005	Mazda RX-8 Mazda RX-8 Mazda RX-8	4TKXV01.3CNA 5TKXV01.35NM 5TKXV01.35NC1	Vehicle is parked and the engine is operated at high RPMs, excessive heat build-up may affect oxygen sensors, the neutral switch and back up lights. It may also lead to problems with the parking brakes, malfunctions of the gas gauge and possible damage to the fuel tank causing fuel leaks. Remedy: A safety recall will be conducted to install a heat insulator pad to the fuel tank. and other various areas around the exhaust system that could sustain damage. All damaged parts will be replaced during the installation of the insulation pads. The PCM will be reprogrammed.	52000	50S 50S 50S	52000

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MAZDA	3005C	2521	V	6/1/2005 & 12/16/2005	2003 2003	Protege, Protege 5 Mazdaspeed Protégé	3TKXV02.0HJA 3TKXV02.0BJB	Tightening of torque screws for the mounting of the intake manifold shutter valve may have been lower than the specification. If the valve loosens enough, it will cause rough idle, harsh noise, and a MIL to illuminate. Also, the emissions will be adversely affected. Remedy: A recall will be done to tighten/replace the bolts and/or replace the shutter valve and gaskets or the intake manifold assembly, free of charge.	39600	NF(CFV+CA+NL) CL(CA+NLEV ALLS)	39600
MAZDA	3505H	2600	I	11/30/2005	2001 2002	MX-5 Miata MX-5 Miata	1TKXV01.8CJA 2TKXV01.8CJA	Non Methane Organic Gas (NMOG) emissions may exceed the standard due to the emission control logic and calibration of the PCM during the engine warm up period after cold start up. Remedy: Mazda will issue a recall to address these concerns. Mazda plans to issue a repair procedure to assist technicians in diagnosing and correcting this concern. The PCM will be replaced.	18200 13800	NF(CFV+CA+NL) NF(CFV+CA+NL)	32000
MERCEDES-BENZ	2003-090005	2075	V	3/1/2004	2003	SLK 32 AMG; C 32 AMG	3BMXV03.2LB1	The 2003 model year vehicles did not meet the applicable emission standards, requiring vehicles to be recalibrated. Remedy: The combustion map in the ECM was recalibrated to reduce lean combustion spikes of the engine and to reduce the negative effects of rapid throttle activation. Mercedes-Benz will inform dealers and owners that the ECM of the affected vehicles will receive the new program version at the owner's earliest convenience or during the next scheduled service at no charge to the owner.	1372	CL(CA+NLEV ALLS)	1372
MERCEDES-BENZ	2005060014	2504	I	9/16/2005	1999 1999 2000 2000 2001 2001	ML320 ML430 ML430 ML320 ML320 ML430	XMBXT03.2GNB XMBXT04.3GNB YMBXT04.3GNB YMBXT03.2GNB 1MBXT03.21BI 1MBXT04.31BI	Under hood catalyst cans may develop cracks along the weld seams between the inlet funnel and the can body. This is due to tolerance deviations during the welding process. Engine noise is increased, and MIL may illuminate if condition goes unserved for an extended period of time. Customers are expected to bring vehicle into service when noise is apparent. Remedy: Catalysts will be inspected/replaced free of charge	27672 9462 32534 11706 6364 1379	CL(CA+NLEVALLS) CL(CA+NLEVALLS) CA CA CA CA	79119
MERCEDES-BENZ	2005080007	2616	V	9/12/2005	2005	G55 AMG	5MBXT05.5LB1	The fuel return hose may become permeated with fuel. Micro-cracks may result in cracks through which fuel can leak. Remedy: A replacement hose to correct the situation will be installed by the dealer free of charge.	485	CA	485

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MITSUBISHI/D-STAR	EMR-05-001 & EMR-05-003	2514	V	8/29/2005 & 12/6/2005	2002 2002 2003 2003 2004 2005	Lancer Lancer Lancer Lancer Lancer Lancer	2MTXV02.0GNG 2MTXV02.0G3G 3MTXV02.0GNS 3MTXV02.0G3S 4MTXV02.0GB2 5MTXV02.0GR4	The MIL may illuminate due to the PCM's determination that the catalytic converter has deteriorated. Code P0421 is found. Separation of the catalyst layer and melting damage to the substrate layer has occurred in investigation of the damaged vehicles. This could be due to unburned fuel igniting close to the converter. Remedy: Reprogram the Engine Control Unit with ROM upgrade. A second letter sent to owners of vehicles built prior to January 2002 to insure the throttle position sensor is properly initialized.	55921 15810 51108 15199 30892 22360	CL(CA+NLEVALLS) CA NL(NLEV ALLS) CA CA CA	191290
MITSUBISHI/D-STAR	EMR-05-002	2613	V	10/17/2005	2005 2005 2005 2005	Lancer Lancer Outlander Outlander	5MTXV02.4GBG 5MTXV02.4G2G 5MTXV02.4GBB 5MTXV02.4GBG	The vehicle speed sensor malfunction logic was erroneously left out from the engine ECU programming for the affected vehicles with manual transmissions. The MIL will not illuminate. Remedy: The ECU will be reprogrammed to include speed sensor diagnostic logic.	1127 170 425 358	FED CA 50S 50S	2080
NISSAN	R0501	3032	V	12/5/2005	2003 2004	Sentra Sentra	3NSXV01.863A 4NSXV01.883A	The catalytic converter is deteriorating faster than anticipated and turning on the MIL. Remedy: The catalytic converter on all affected vehicles will be replaced with the 2005 MY Sentra catalytic converter. The engine control module will be programmed to match the new catalytic converter.	10800 28100		38900
TOYOTA/LEXUS	LSC 50G	2528	V	6/15/2005	2005	Tundra (Double-cab)	5TYXT04.7PEW	IM data for vehicles with the traction control system did not receive the correct VECI label describing the details of how to test the vehicle on a two wheel dynamometer. Remedy: A Limited Service Campaign (50G) will be used to distribute the correct labels along with instructions for installation to owners.	45000	CA	45000
TOYOTA/LEXUS	TOYOTA-DIR-20050622	2559	V	10/17/2005	2004 2005	Prius Prius	4TYXV01.5MC1 5TYXV01.5MC1	If engine speed continues for 6 seconds at 850 rpm or less MIL illumination will occur. P3191 for "an engine does not start" is the cause of the MIL. Running change 05-TR -16 and field fix 04-TF-10 are available and in use. Since MIL illumination will occur, and owner will obtain service at dealership and have their ECM re-flashed. Remedy: Reprogram the ECM system.	47200 26500	CA CA	73700
VOLKSWAGEN/AUDI	UZ	2176	V	2/16/2004	2004	Golf	4VWXV02.0223	These vehicles were assembled with the incorrect Emission Control label. P/N 021 010 3K to be replaced by 06A 010 334F prior to delivery to dealers or via voluntary recall to vehicles delivered to dealers and customers. Remedy: Notification letter will be sent that has included the correct label. Owners can put label on or have dealer do it.	4125	FED	4125

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VOLKSWAGEN/AUDI	AWA-05-DR	2277	V	12/1/2005	2001	S8	1ADXV04.2335	Front oxygen sensor malfunction was caused by a contamination inside the air reference chamber. This may happen along with moisture inside the sensor body due to reduced exhaust temperature in particular load conditions. The MIL will be illuminated. Remedy: Changed production process of the sensor February 2001. Will replace the related front oxygen sensor left/right in case of complaint, free of charge for extension of warranty of 7 years/70,000 Miles.	817	CL(CA+NLEV ALLS)	817
VOLVO	145	2537	V	6/1/2005	2005 " 2005 2005	S80, XC90, V70, XC70, S60 S80, XC90 V70, S60	5VVXX02.5U2T " 5VVXV02.9U1T 5VVXV02.5L2T	A software calibration error in the engine management system the EVAP purge may start too late potentially leading to poor purge performance. Remedy: A software upgrade of the engine control module at no charge.	16983 ^ 5809 730	CA " CA CA	23522

Total number of vehicles voluntarily recalled: 1,309,822

Total Number of Recalls 31

Type:

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

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

*For the purposes of this report only, a Recall Campaign is a direct owner notification requesting or recommending that the vehicle be brought into a service facility for inspection and/or repair regardless of whether there is an indication of failure. For the purposes of this report only, a Voluntary Service Campaign is a direct owner notification alerting the owner of a potential problem should there be an indication of failure, and how the problem will be remedied by the manufacturer should the problem effect the owner's vehicle. EPA recognizes that manufacturers may wish to voluntarily notify their customers of potential issues for which service may be required. However, under 40 CFR 85.1902 (d), any repair, adjustment, or modification program voluntarily initiated by a manufacturer to remedy any emission-related defect for which direct owner notification is provided is defined as a Voluntary Emissions Recall.

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Voluntary Service Campaigns

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DAIMLER/CHRYSLER	TBD	2647	IVSC	12/30/2005	1996 1996 1997 1997 1997 1998 1999 1999 2000	Dodge Ram Van/Wag Dodge Ram Pickup Dodge Ram Van/Wag Dodge Dakota Pkup Dodge Ram Pickup Dodge Ram Pickup Dodge Dakota Pkup Dodge Ram Pickup Dodge Ram Pkup HD	1.9L 3.9L, 5.2L, 5.9L 3.9L 3.9L 3.9L 3.9L 3.9L 5.2L 5.9L, 8.0L	Original equipment catalytic converters may fail due to problems with retention of the ceramic substrate in the converter container. Failure of the substrate mat to retain the substrate can cause the converter to rattle, eventually resulting in the complete erosion of the substrate. Remedy: 1996 - 1999 model year vehicles will have warranties for catalytic converters extended to 10 years or 120,000 miles, whichever occurs first. Vehicles in this category that have already exceeded 10 years or 120,000 miles will receive an extended catalytic converter warranty of one year with unlimited mileage from the date of the letter to the owner, or two years with unlimited mileage if the vehicle fails a state emissions inspection. (Vehicles that have had the improved catalytic converter installed are excluded.) 2000 model year vehicles will have warranties for their catalytic converters extended for at least one year without mileage limitation after the date of the letter to the owner.	682806	Fed, CA, 50S	682806
DAIMLER/CHRYSLER	TBD	2648	IVSC	12/30/2005	1999 1999 1999 2001	Dodge Ram Van/Wag Dodge Ram Pickup Dodge Dakota Pkup Dodge Ram Pkup HD	3.9L, 5.2L, 5.9L 3.9L, 5.9L 5.2L, 5.9L 5.9L, 8.0L	Original equipment catalytic converters may fail due to problems with retention of the ceramic substrate in the converter container. Failure of the substrate mat to retain the substrate can cause the converter to rattle, eventually resulting in the complete erosion of the substrate. Remedy: Owners will receive notification letters about the potential catalytic converter problem as well as a reminder of the vehicle's original catalytic converter warranty coverage of 8 years or 80,000 miles, whichever occurs first.	296809	Fed, CA, 50S	296809
HONDA/ACURA	WER-02-038-00 (P75/P76)	1556 & 1779 & 1870 & 1877 & 2022 & 2519	VSC	8/23/2005	1999 2000 2001 2001 2002 2002 2003 2003 2003	Odyssey Odyssey Odyssey MDX Odyssey MDX Odyssey Pilot Pilot	XHNXT03.5EA3 YHNXT03.5EA3 1HNXT03.5DH2 1HNXT03.5K86 2HNXT03.51AP 2HNXT03.5KYT 3HNXT03.5ZAP 3HNXT03.5DAP 3HNXT03.5EA5	The EGR system may become contaminated or clogged and/or EGR valve sticking. The OBD system detects the failures and illuminates the MIL when the improper EGR flow or valve operation reaches the OBD monitoring criteria. The vehicle may hesitate or surge. Remedy: An improved EGR valve has been applied to the assembly line and is available for repair. EGR valves will be replaced under service bulletin #05-026 and Acura service bulletin #05-019 under Honda's warranty extension campaign. Warranty extended to 8 years or 80,000 miles whichever comes first.	50407 126721 124194 44305 148659 49047 71378 50938 16731	NF(CFV+CA+NL) NF(CFV+CA+NL) NF(CFV+CA+NL) CL(CA+NLEVALLS) CA CL(CA+NLEVALLS) CA FED CA	682380

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Voluntary Service Campaigns

HYUNDAI	V04	1843 & 1965	IVSC	1/1/2005	1999 1999 2000 2000 2001 2001 2001 2002 2002 2003 2003	Elantra/Tiburon Elantra/Tiburon Elantra/Tiburon Elantra/Tiburon Elantra/Tiburon Elantra/Tiburon Elantra/Tiburon Elantra/Tiburon Tiburon Tiburon	XHYXV02.01RF XHYXV02.03RC YHYXV02.0G1F YHYXV02.0G3S 1HYXV02.0R3S 1HYXV02.0X4C 1HYXV02.0X3F 2HYXV02.0XLF 2HYXV02.0XUC 3HYXV02.0CLF 3HYXV02.0CUC	Some Hyundai Elantra/Tiburon's equipped with 2.0 liter engines have experienced exhaust manifold cracks. The cracking may occur in certain areas of the manifold due to insufficient thickness of the exhaust manifold casting in those areas. Remedy: To correct this condition, Hyundai has improved the manufacturing process of the exhaust manifold to ensure the thickness of the casting is increased in the problem areas and has modified the material alloy content of the exhaust manifold casting to improve durability. Dealers will inspect and replace as necessary. Warranty extended 10 years without mileage limitation.	34230 31806 66764 71875 22124 55686 48376 28870 31915 546 595	FED CA FED CA 50S CA FED CA FED CA	392787
KIA	07.28.05.01 (SC043)	3039	VSC	10/17/2005	2005	Sorento LX	5KMXT03.5CM5	Some 2005 model year Sorento's equipped with 3.5 liter engines have experienced a malfunction indicator light (MIL) illumination. The fault determined by the OBD system is a canister close valve clogging (P2422) caused by road dirt clogging the air filter in the vent line during the purge drive condition. The partial wheel well cover did not provide sufficient protection to prevent the CCV filter from being contaminated. Remedy: Kia will replace the partial wheel guard with full-size wheel guard to eliminate the source of the road debris from contaminating the filter. Kia will issue a TSB explaining a corrective action for this problem, and will conduct a voluntary service campaign, with owner's notification to implement the correction as necessary.	18865	CA	18865

Type:

O- Ordered by EPA

I-VSC-Manufacturer Voluntary Service Campaign with EPA Influence

VSC-Voluntary Service Campaign by Manufacturer

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

*For the purposes of this report only, a Recall Campaign is a direct owner notification requesting or recommending that the vehicle be brought into a service facility for inspection and/or repair regardless of whether there is an indication of failure. For the purposes of this report only, a Voluntary Service Campaign is a direct owner notification alerting the owner of a potential problem should there be an indication of failure, and how the problem will be remedied by the manufacturer should the problem effect the owner's vehicle. EPA recognizes that manufacturers may wish to voluntarily notify their customers of potential issues for which service may be required. However, under 40 CFR 85.1902 (d), any repair, adjustment, or modification program voluntarily initiated by a manufacturer to remedy any emission-related defect for which direct owner notification is provided is defined as a Voluntary Emissions Recall.

Total number of vehicles in Voluntary Service Campaigns: 2,073,647

Total number of Voluntary Service Campaigns: 5

Total number of vehicles Affected by Voluntary Recalls 3,383,469

Total number of all Recalls and all Voluntary Service Campaigns: 36

and Voluntary Service Campaigns: