

SAFETY RECALL BULLETIN



AUTOCAR SAFETY RECALL A-0703 NHTSA RECALL 07V-293

OCTOBER 2007

ATTENTION: SERVICE MANAGERS / PARTS
MANAGERS

SUBJECT: UPDATED ENGINE ECM
PROGRAMMING, CUMMINS ISM
ENGINES w/ 2007 EMISSIONS
SYSTEM (DPF)

**VEHICLES
AFFECTED:** AUTOCAR WX MODEL VEHICLES
BUILT FROM 17 NOV 2006 TO 06
JULY 2007, VIN RANGE 204528 TO
205569

Safety Recall Information

Cummins, Inc. has determined that a programming defect exists with certain engine electronic control modules (ECM) supplied to Autocar, for use with ISM engines equipped with 2007 EPA emissions systems.

Cummins, Inc. has determined that the engine ECM programming may allow a diesel particulate filter (DPF) regeneration cycle to be initiated when the vehicle's speed is as low as 5 miles per hour. The elevated exhaust temperatures that are typical during a DPF regeneration cycle could create a situation in which structures, vegetation, or other objects in the exhaust discharge path could potentially catch fire. Normal operation of the vehicle is not otherwise affected. There have been no reports of any injuries related to this issue.

As a proactive safety measure, Cummins, Inc. has initiated a safety recall in which Cummins, Inc. will update the engine ECM programming for all affected vehicles. The revised engine ECM programming will not allow a DPF regeneration cycle to be initiated unless the vehicle's speed is greater than 20 miles per hour.

Vehicles Affected

There are 4 affected vehicles that were manufactured between 17 November 2006 and 06 July 2007, VIN range 204528 to 205569.

NOTE: Cummins, Inc. has completed the engine ECM update for VIN 204528. No further action is required for this vehicle.

Refer to the following VIN and engine serial number list:

VIN	Engine serial number
5VCDC6KE47H204528	35181100
5VCDC6KF17H205371	35187928
5VCHC6KE48H205522	35192318
5VCDC6KEX8H205569	35191757

NOTE: To determine whether a particular vehicle is affected by this safety recall (or any other safety recall), consult the *Service & Warranty* link through Autocar's website, www.autocartruck.com. After logging in to the dealer section of the website, enter the VIN into the VIN Profile; the system will display any outstanding safety recalls.

Inspection and Repair

Cummins, Inc. will reprogram the engine ECM with updated software, as set forth beginning on page 3 of this recall bulletin. Questions regarding the repair procedure can be directed to Autocar's service hotline at 877-973-3486 (extension 6062) or to the Cummins Warranty Operations group leader. To schedule service for affected vehicles, contact the Cummins Warranty Operations group leader at 317-484-2153.

Parts

There are no parts required for this safety recall.

Dealer Responsibility

Dealers must perform this safety recall on affected vehicles at no charge to the owner regardless of vehicle mileage, age, or ownership of the vehicle. If a vehicle affected by this safety recall is in your vehicle inventory or brought to your facility for service, you must perform this safety recall before the vehicle is sold or released to the owner.

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SAFETY NOTICES



WARNING

To prevent eye injury, always wear eye protection when performing vehicle maintenance, service, or inspection.



DANGER

Before working on a vehicle, turn the engine to off, set the parking brake, place the transmission in neutral and block the wheels. Failure to do so can result in unexpected vehicle movement, resulting in serious personal injury or death.

LOCKOUT/TAGOUT PROCEDURES

Before entering the vehicle or vehicle body, read and follow OSHA regulations concerning entry and working in "CONFINED SPACE" OSHA 1910.146 and "LOCKOUT/TAGOUT" OSHA 1910.147.

Follow OSHA regulations while performing any work on the vehicle.

The vehicle must be disabled by the following steps before proceeding:

1. Place the transmission in NEUTRAL.
2. Set the parking brake.
3. Shut the engine OFF.
4. Turn the battery disconnect switch OFF.
5. Lock cab doors, keep the key in your pocket, and block the wheels before entering the body or performing any work on the vehicle.
6. Place magnetic "DANGER" signs on both cab doors before entering the body or performing any work on the vehicle.

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Appendix 1.1

JOBNAME: No Job Name PAGE: 1 SESS: 1 OUTPUT: Fri May 25 10:42:44 2007

CUMMINS FIELD CAMPAIGN

Please Deliver TO: Service Managers and Warranty Decision Makers

FROM: Cummins Customer Assurance Communications

Subject: ISM07 Calibration Safety Campaign

Number: C0709

Date: 25-May-2007

Expires: 31-May-2009 (U.S./Canada)
31-May-2009 (International)

Attention: U.S./Canada Distributors/Branches and
Division Regional Offices
U.S./Canada Warranty Dealers

If additional information is required, contact your Cummins Warranty Operations Group Leader.

DESCRIPTION: A calibration update has been developed for all ISM 2007 engines with CM876 built prior to March 22, 2007. This Safety Campaign authorizes repair locations to recalibrate all ISM 2007 engines, including Beta limited production (LP) and full production (FP), built before March 22, 2007, with the May 2007 INCAL™ DVD or later.

ACTION:

In order to qualify for repair under this Safety Campaign, an engine:

1. will be covered regardless of warranty status, AND
2. **must** be an ISM 2007 with CM876 engine, AND
3. **must** be identified in the ESN list in Attachment A, AND
4. data plate **must not** be stamped 0709.

After verifying the engine meets the above criteria, complete the following repair steps.

1. Update the ECM calibration with the May 2007 INCAL™ DVD or later.
2. Stamp the engine data plate with 0709 to show completion of this Safety Campaign.
3. File a claim for all parts and labor associated with the repair to this Safety Campaign.

NOTE: A calibration fee will **not** be required as the Campaign repair involves **only** a calibration.

MATERIAL DISPOSITION: N/A

REIMBURSEMENTS:

Parts: N/A

NOTE: SRTs to gain access that are required to complete the repair, that are sufficiently explained in the claim narrative, may also be claimed on this Campaign.

Labor using applicable Access Code and Time:

SRT Code	Description	Time
00-90X	Applicable Administrative Time	

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Appendix 1.2

JOBNAME: No Job Name PAGE: 2 SESS: 1 OUTPUT: Fri May 25 10:42:44 2007

SRT Code	Description	Time
19-601	Electronic Control Module (ECM) Calibration - Transfer	
17-901	Stamp Engine Data Tag	

Travel: Travel and towing are **not** covered under this Campaign.

Other Claimables: Consumables are **not** covered under this Campaign.

CLAIM INSTRUCTIONS: *If applicable, this Campaign is eligible to be filed via RAPIDSERVE™ Web.*

CLAIM CODES:

Account Code: 65
Pay Code: Distributor = X
Pay Code: Dealer = D
Failure Code: WEQPCH

Attachment A