

NOTE: BEFORE ATTEMPTING THIS RECALL, REVIEW VIP OR VEHICLE HISTORY TAB TO VERIFY THAT THE RECALL APPLIES TO THIS VEHICLE AND HAS NOT BEEN COMPLETED.

DaimlerChrysler

March 2000

Dealer Service Instructions for:

Emissions Recall No. 8591
(Vehicles Located Out of California)

Emissions Recall No. 8592
(Vehicles Located In California)

Reprogram PCM – OBD Catalyst Monitor

Effective immediately, all repairs on involved vehicles are to be performed according to this recall. Technical Service Bulletin (TSB) 25-02-99 is being cancelled.

Models

- 2000 (AB) 2000 (AB) Dodge Ram Van/Wagon** (with a 3.9L, 5.2L or 5.9L engine and sales code NAA or NAE).
- (AN) Dodge Dakota** (with a 2.5L, 3.9L or 5.9L engine and sales code NAA or NAE; or a 4.7L engine and sales code NAA).
- (BR/BE) Dodge Ram Pickup** (with a 3.9L engine and sales code NAA or NAE; 5.2L or 5.9L engine and sales code NAA; or 5.2L or 5.9L engine, manual transmission and sales code NAE).
- (DN) Dodge Durango** (with a 5.2L or 5.9L engine and sales code NAA or NAE; or 4.7L engine and sales code NAA).
- (TJ) Jeep® Wrangler** (with a 2.5L engine and sales code NAA or NAE; or 4.0L engine and sales code NAA).
- (WJ) Jeep Grand Cherokee** (with a 4.0L or 4.7L engine and sales code NAA).
- (XJ) Jeep Cherokee** (with a 2.5L engine and sales code NAA or NAE; or 4.0L engine and sales code NAA).

NOTE: This recall applies to the above vehicles equipped with a Federal emission control system (sales code NAA) or California emission control system (sales code NAE) built **through** October 28, 1999 (MDH 102820).

IMPORTANT: Many of the vehicles within the above build period have already been inspected or repaired and, therefore, have been excluded from this recall.

IMPORTANT: Some of the involved vehicles may be in dealer vehicle inventory. **Dealers should complete this repair on these vehicles before retail delivery.** Dealers should also perform this repair on vehicles in for service. Involved vehicles can be determined by using the DIAL VIP System.

Subject

The On-Board Diagnostic (OBD) system on about 309,000 of the previously listed vehicles will not detect a catalyst failure as required by Federal and California regulations.

Repair

The Powertrain Control Module (PCM) must be reprogrammed (flashed).

Parts Information

Each dealer to whom vehicles in the recall were invoiced (or the current dealer at the same street address) will receive enough Authorized Software Update Labels and Authorized Modifications Labels to service about 25% of those vehicles. Additional labels may be ordered as needed.

Each vehicle requires application of the following labels:

Part Number	Description
04669020	Authorized Software Update Label
04275086	Authorized Modifications Label

Service Procedure

The MDS2 (Mopar Diagnostic System) with the DRB III[®] (Diagnostic Readout Box scan tool) operating at CIS CD2046 or higher is required to perform this repair.

A. Reprogram the PCM:

1. Log onto the MDS2 system.
2. Connect the MDS2 (Mopar Diagnostic System) and DRB III (Scan Tool) to the vehicle and switch the **IGNITION KEY TO "ON"**.
3. Use the arrow keys and select **#2 CONNECT TO MDS2** on the DRB III MAIN MENU SCREEN.
4. Use the arrow keys and select **#2 RUN MDS2 APPLICATION** on the DRB III MAIN MENU SCREEN.

NOTE: Once MDS2, DRB III and vehicle communication have been established, the **CANNOT READ VIN FROM DRB III message will be replaced by the VEHICLE VIN.** Press the "OK" button to request a MDS2 SESSION FOR THE VEHICLE VIN INDICATED. Press the "OK" button when asked to begin the session.

5. Push the **FLASH TAB** on the MDS2.
6. Select **READ PART NUMBERS FROM VEHICLE** and click **SHOW UPDATES** on the MDS2. Press the "OK" button.

NOTE: If the PCM on the vehicle has already been updated or reprogrammed, a Flash Update Information Box will appear that says "**Part number (updated part number is displayed) is up to date and does not require any new updates.**" Verify that the part number of the PCM (or previously installed authorized software update label) matches the part number displayed on the MDS. Press the "OK" button, then continue with Step C.

7. Select the **NEW SOFTWARE PART NUMBER** with the light pen and click **UPDATE CONTROLLER SOFTWARE**.
8. The MDS2 and DRB III will prompt for any operator action needed during the remainder of the reprogramming process.

NOTE: Due to the PCM flash procedure, diagnostic trouble codes (DTC's) may be set in other

modules (ETAX, BCM, MIC, SKIM, ABS) within the vehicle (if so equipped). Some DTC's may cause the Malfunction Indicator Light (MIL) to illuminate. All of the DTC's relate to a loss of communications with the module that is being flashed. Check all modules, record the trouble codes, and erase the trouble codes prior to returning the vehicle to the customer. Erase any trouble codes in the PCM only after all other modules have had their trouble codes erased.

B. Install Authorized Software Update Label:

Type or print (with a ballpoint pen) the part number, dealer code and date on the Authorized Software Update Label ([Figure 1](#)) and attach it to the PCM. Cover the label with the clear plastic portion of the label.

C. Install the Authorized Modifications Label:

Type or print (with a ballpoint pen) the recall number, dealer code and date on the Authorized Modifications Label ([Figure 2](#)). Then attach the label near the VECI label.

D. Complete Proof of Correction Form for California Residents:

This recall is subject to the **State of California Registration Renewal/Emissions Recall Enforcement Program**. Complete a Vehicle Emission Recall Proof of Correction Form (**Form No. 81-016-1053**) and **supply it to vehicle owners residing in the state of California** for proof that this recall has been performed when they renew the vehicle registration.

Completion Reporting and Reimbursement

Claims for vehicles which have been serviced must be submitted on the DIAL System. Claims submitted will be used by DaimlerChrysler to record recall service completions and provide dealer payments.

Use one of the following labor operation numbers and time allowances:

Description	Labor Op. No.	Time
PCM Update Previously Performed	08859181	0.2 hours
Reprogram Powertrain Control Module	08859182	0.5 hours

Add the cost of the labels plus applicable dealer allowance to your claim.

NOTE: See the Warranty Administration Manual, Recall Claim Processing Section, for complete recall claim processing instructions.

Parts Return

Not Applicable

Dealer Notification & Vehicle List

All dealers will receive a copy of this dealer recall notification letter by first class mail. Two additional copies will be sent through the DCMMS, and the MDS2 will be updated to include this recall in the near future. **Each dealer to whom involved vehicles were invoiced** (or the current dealer at the same street address) **will receive a list of their involved vehicles**. The vehicle list is arranged in Vehicle Identification Number (VIN) sequence. Owners known to DaimlerChrysler are also listed. The lists are for dealer reference in arranging for service of involved vehicles.

DIAL System Functions 53 and VIP

All involved vehicles have been entered to DIAL System Functions 53 and VIP at the time of recall implementation for dealer inquiry as needed.

Function 53 provides involved dealers with an updated VIN list of their incomplete vehicles. The customer name, address and phone number are listed if known. Completed vehicles are removed from Function 53 within several days of repair claim submission. To use this system, type "53" at the "ENTER FUNCTION" prompt, then type "ORD8591" (vehicles located out of California) or "ORD 8592" (vehicles located in California).

Owner Notification and Service Scheduling

All involved vehicle owners known to DaimlerChrysler are being notified of the service requirement by first class mail. They are requested to schedule appointments for this service with their dealers. A copy of the owner letter is attached.

Enclosed with each owner letter is an Owner Notification Form. The involved vehicle and recall are identified on the form for owner or dealer reference as needed.

Vehicle Not Available

If a vehicle is not available for service for a known reason, let us know by filling out the pre-addressed Owner Notification Form or describe the reason on a postcard and mail to:

DaimlerChrysler Corporation
CIMS 482-00-85
800 Chrysler Drive East
Auburn Hills, Michigan 48326-2757

Additional Information

If you have any questions or need assistance in completing this action, please contact your Zone Service Office.

Customer Services Field Operations
DaimlerChrysler Corporation

DaimlerChrysler

EMISSIONS RECALL TO REPROGRAM YOUR VEHICLE'S POWERTRAIN CONTROL MODULE

Dear Dodge Truck or Jeep[®] Owner:

DaimlerChrysler has determined that some **2000 model year Dodge Ram Van/Wagon, Dakota, Ram Pickup and Durango; and Jeep Wrangler, Cherokee and Grand Cherokee vehicles** may be in violation of Federal emissions regulations.

The problem is...

The On-Board Diagnostic (OBD) system on your vehicle (identified on the enclosed form) **will not detect a catalyst failure as required by Federal Emissions Regulations.** As a result, the OBD system on your vehicle will not illuminate the Check Engine Light if a catalyst fails. This could cause the

engine to emit emission levels above the limits that were established to protect the public health from the dangers of air pollution.

*What
DaimlerChrysler and
your dealer will do...*

DaimlerChrysler will repair your vehicle free of charge (parts and labor). To do this, your dealer will reprogram your vehicle's Powertrain Control Module. The work will take about ½ hour to complete. However, additional time may be necessary depending on how dealer appointments are scheduled and processed.

What you must do...

- Simply **contact your dealer** right away to schedule a service appointment.
- **Bring the enclosed Owner Notification Form with you to your dealer.** It identifies the required service to the dealer.

If you need help...

If you have questions or concerns which the dealer is unable to resolve, please contact the DaimlerChrysler Customer Assistance Center at 1-800-992-1997. A representative will assist you.

In order to ensure your full protection under the emission warranty made applicable to your vehicle under Federal law and your right to participate in future recalls, it is recommended that you have your vehicle serviced as soon as possible. Failure to do so could legally be determined to be a lack of proper maintenance of your vehicle. Further, without this repair, your vehicle may fail a state or local emission inspection test.

We are sorry for any inconvenience but trust you understand our interest in clean air and your continued satisfaction with our products. Thank you for your attention to this important matter.

Customer Services Field Operations
DaimlerChrysler Corporation
8591

*Buckle up
for Safety* 

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The On-Board Diagnostic (OBD) system on your vehicle (identified on the enclosed form) **will not detect a catalyst failure as required by California Emissions Regulations.** As a result, the OBD system on your vehicle will not illuminate the Check Engine Light if a catalyst fails. This could cause the

engine to emit hydrocarbon (HC), carbon monoxide (CO) and oxides of nitrogen (NOx) levels above the allowable limits. These limits were established to protect the public health from the dangers of air pollution.

HC (unburned fuel) combined with NOx, in the presence of sunlight, can cause the formation of ozone. CO emissions are formed by the incomplete combustion of fuel. These pollutants are the primary components of smog.

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*If you live in
California and don't
get this done...*

The State of California requires the completion of emission recall repairs prior to vehicle registration renewal. In addition, the State requires that every vehicle must pass an emission test (SMOG Check) every two years and before it is sold. Without the free service we are providing, your vehicle may be more likely to fail this test and require that you make costly repairs. To do this, your dealer will reprogram your vehicle's Powertrain Control Module. The work will take about ½ hour to complete. However, additional time may be necessary depending on how dealer appointments are scheduled and processed.

*How the state knows
that the recall has
been performed...*

State of California regulations require DaimlerChrysler to provide the Department of Motor Vehicles with a record of all vehicles that have not had the recall service performed. **If you live in the state of California and your vehicle is not on this list, the state will know that the recall has been completed.**

Your dealer will provide you with a Vehicle Emission Recall Proof of Correction Form after the recall service is completed. Be sure to save this form since the California Department of Motor Vehicles may require that you supply it as proof of recall completion.

If you need help...

If you have questions or concerns which the dealer is unable to resolve, please contact the DaimlerChrysler Customer Assistance Center at 1-800-992-1997. A representative will assist you.

In order to ensure your full protection under the emission warranty provisions, it is recommended that you have your vehicle serviced as soon as possible. Failure to do so could be determined as lack of proper maintenance of your vehicle.

We are sorry for any inconvenience but trust you understand our interest in clean air and your continued satisfaction with our products. Thank you for your attention to this important matter.

Customer Services Field Operations
DaimlerChrysler Corporation
8592

*Buckle up
for Safety* 