

DaimlerChrysler Corporation

Stephan J. Speth

Director

Vehicle Compliance & Safety Affairs

June 5, 2006

Mr. Daniel Smith
Associate Administrator, Safety Assurance
National Highway Traffic Safety Administration
400 Seventh Street, S.W.
Washington, D.C. 20590

Dear Mr. Smith:

Reference: NHTSA Identification Number 06V-067

Enclosed are representative copies of communications relating to the 2005 and 2006 model year vehicles involved in the referenced recall. In addition, a small number of 2001 through 2006 model year minivans that had a suspect wiper motor assembly installed under warranty have been added to the recall population. There were no suspect replacement wiper motors shipped to our parts division for Dodge Durango vehicles.

DaimlerChrysler expects to notify dealers during the week of June 12, 2006 and to begin notification to Dodge Durango owners during the week of June 19, 2006. We expect to begin notification to minivan owners in about one month. The exact number of vehicles in this recall is 269,086.

The involved Vehicle Identification Number range is:


<u>Low</u>	<u>High</u>	<u>Low</u>	<u>High</u>
1B265283	1B265283	1R217032	1R413838
2B525264	2B740632	2R501872	2R795508
3B104923	3B340534	3R104045	3R384814
4B502571	4B600331	4R501276	4R620388
5F510809	5F625705	6F102868	6F145909
5B102424	5B442329	5R100642	5R603191
6B503379	6B613851	6R600665	6R763464

(VIN last eight characters) – 1 = 2001, 2 = 2002, 3 = 2003, 4 = 2004, 5 = 2005, 6 = 2006, B = St. Louis Assembly Plant, St. Louis, Missouri, R = Windsor Assembly Plant, Windsor, Ontario, Canada, F = Newark Assembly Plant, Newark, Delaware; and the last six digits = sequential number.

We caution that the above range represents only the lowest and highest VIN sequential numbers included in the recall. This range cannot be used to determine conclusively that a vehicle is involved in the recall because most vehicles with a VIN within the range are not affected by the recall.

This completes DaimlerChrysler's package of information for this recall as required by the Defects Report Regulation.

Sincerely,

for 

Stephan J. Speth, Director
Vehicle Compliance and Safety Affairs

Enclosure: Recall F10

cc: K.C. DeMeter

DAIMLERCHRYSLER

June 2006

Dealer Service Instructions for:

Safety Recall F10 - Windshield Wiper Motor

Models

2005-2006 (HB) Dodge Durango

NOTE: This recall applies only to the above vehicles built between March 29, 2005 and June 12, 2005 (MDH 032905 through 061223) OR between September 27, 2005 and November 23, 2005 (MDH 092701 through 112323).

2005-2006 (RS) Chrysler Town & Country and Dodge Caravan/Grand Caravan

NOTE: This recall applies only to the above vehicles built between March 28, 2005 and July 1, 2005 (MDH 032823 through 070123) OR between September 27, 2005 and December 13, 2005 (MDH 092701 through 121323).

IMPORTANT: *Vehicles that have already had the proper wiper module installed, according to warranty records, have been excluded from this recall. In addition, 2001 through 2006 model year RS vehicles (built outside of the above MDH ranges) that have had a suspect replacement windshield wiper motor (P/N 05114534AA) installed between March 21, 2005 and January 13, 2006, according to warranty records, have been added to this recall. Dealers are also requested to review their records and contact owners who have purchased a wiper motor or who have had a wiper motor installed outside of the warranty provision. There were no suspect HB replacement wiper motors shipped to Mopar.*

IMPORTANT: Some of the involved vehicles may be in dealer new vehicle inventory. Federal law requires you to complete this recall service on these vehicles before retail delivery. Dealers should also consider this requirement to apply to used vehicle inventory and should perform this recall on vehicles in for service. Involved vehicles can be determined by using the VIP inquiry process.

Subject

The windshield wiper motor armature shaft on about 269,000 of the above vehicles may break and cause the windshield wipers to become inoperative. This can impair the driver's vision and cause a crash without warning.

Repair

The windshield wiper motor build date must be inspected and the wiper motor replaced if it is within certain build date ranges.

Important: *Notification to owners of involved vehicles will occur in two phases. Notification to owners of HB vehicles will begin in about one week. Notification to owners of RS vehicles will begin in about one month.*

Parts Information

<u>Part Number</u>	<u>Description</u>
CBR0F101	HB Wiper Motor Package

Note: Wiper motor should be ordered only after inspection determines that replacement is required.

Each package contains the following components:

<u>Quantity</u>	<u>Description</u>
1	Windshield wiper motor
1	Grease pack
5	Push pins

CBR0F102	RS Wiper Motor Package
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Note: Wiper motor should be ordered only after inspection determines that replacement is required.

Each package contains the following components:

<u>Quantity</u>	<u>Description</u>
1	Windshield wiper motor assembly
2	Grease pack

CBR0F103	HB Push Pin Package
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Each package contains 5 push pins.

Each dealer to whom vehicles in the recall were assigned will receive enough **CBR0F101, CBR0F102 and/or CBR0F103** Packages to service about 10% of those vehicles.

RECEIVED
NVS-215
2006 JUN 12 A 9:52
OFFICE OF
DEFECTS INVESTIGATION

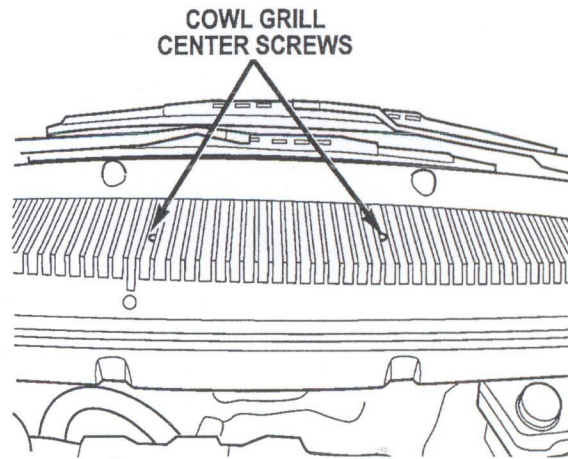
Service Procedure**A. Wiper Motor Build Date Inspection**

1. If the vehicle is a:
 - HB, continue with Step 2.
 - RS, continue with Step 3.

2. **Inspection of the HB wiper motor is as follows:**

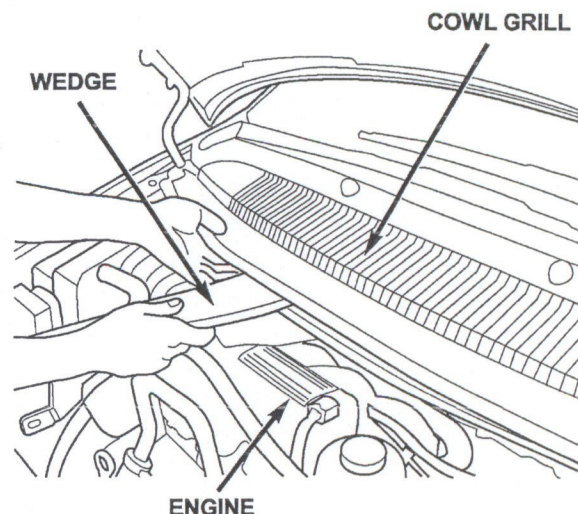
- a. Raise the hood.
- b. Using a mirror and a shop light, look at the bottom of the wiper motor and note the color of the label.

- If the label is white, no further action is required. Return the vehicle to the customer.
- If the label is yellow, continue with **Section C – HB Yellow Label Inspection and Wiper Motor Replacement if Necessary.**

**Figure 1**

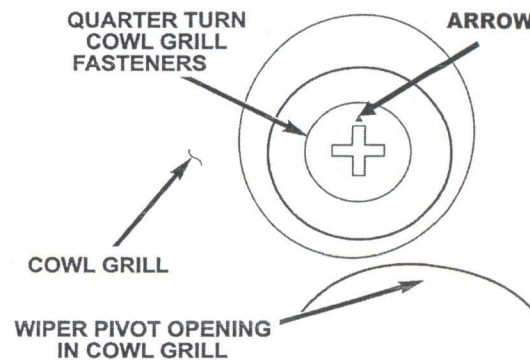
3. **Inspection of the RS wiper motor is as follows:**

- a. Remove the two center screws holding the cowl grill (Figure 1).
- b. Raise the hood.
- c. Using a ½" piece of hard rubber (or equivalent), wedge open the joint between the cowl grill and the wiper module at the right washer nozzle (Figure 2).
- d. Using a shop light, look into the opening between the cowl grill and the wiper module for the label attached to the wiper motor.
- e. Note the color of the label:
 - If the wiper motor label is white, continue to Step 3f.
 - If the wiper motor label is yellow, continue to Step 4.

**Figure 2**

Service Procedure (Continued)

- f. Remove the wedge and close the hood.
- g. Install and tighten the two center cowl grill screws and return the vehicle to the customer. No further action is required.

**Figure 3**

- 4. Remove the wedge and lower the hood.
- 5. Remove each front windshield wiper arm as follows:
 - a. Using a wax pencil, mark the park location of the wiper blades onto the windshield.
 - b. Remove the wiper arm protective cap.
 - c. Remove the nut holding the wiper arm to the wiper pivot shaft.
 - d. Using a suitable two jaw puller (such as a battery terminal puller), separate the wiper arm from the wiper pivot shaft.
 - e. Repeat Steps 5a through 5d for the other wiper arm.
- 6. Remove the two remaining screws securing the cowl cover to the wiper module.
- 7. Disengage the two quarter turn fasteners located near the wiper pivot shafts of the cowl grill from the body. Note the initial position of the arrow on the fastener is toward the windshield (Figure 3).
- 8. Open the hood.
- 9. Tape both rear corners of the hood and the fender edge by the cowl grill with masking tape or equivalent to prevent scratch damage to the cowl grill and paint during removal.

Service Procedure (Continued)

10. Lift the cowl grill in the center and read the wiper motor date code (Figure 4).

➤ If the date code (dd.mm.yy) is:

21.03.05 (21Mar05) through
15.05.05 (15May05)

OR

21.09.05 (21Sep05) through
28.10.05 (28Oct05),

continue with **Section B – RS Wiper Motor Replacement**



Figure 4

➤ If the date code is not within the date ranges, continue with Step 11.

11. Install the center two screws of the cowl grill (Figure 1).
12. Remove the protective tape from the hood and fenders then carefully close the hood.
13. Install and tighten the four remaining screws securing the cowl cover to the wiper module.
14. Engage the two quarter turn fasteners located near the wiper pivot shafts of the cowl grill from the body (Figure 3).

NOTE: The final position of the arrow on the fastener is toward the windshield.

15. Align the wiper arms to the respective marks on the windshield made in Step 5a and install the arms onto the wiper pivots.
16. Install the wiper arm nuts onto the wiper pivots and tighten to 25 ft-lb (35 N·m).

CAUTION: It is important to tighten the wiper arm nut properly to avoid stripping the wiper arm head. The wiper arms must be aligned correctly to prevent damage to the wiper system.

17. Activate the windshield wipers to ensure proper function.

Service Procedure (Continued)

18. Install the windshield wiper arm caps and return the vehicle to the customer.

B. RS Wiper Motor Replacement

1. Disconnect the battery.

NOTE: To enhance customer satisfaction, remember to reset the clock when you have completed the service procedure.

2. Disconnect the washer hose at the in line connector located near the air cleaner (Figure 5).
3. Lift the cowl grill and disconnect the washer hose grommet from the hole in the wiper module. Pull the washer hose and the grommet completely through the wiper module tub hole.
4. Remove the cowl grill.

NOTE: Be careful not to scratch the cowl grill on fenders or the corner of the hood.

5. Remove the four fence nuts holding the wiper module inner brace to the lower windshield fence (Figure 6).

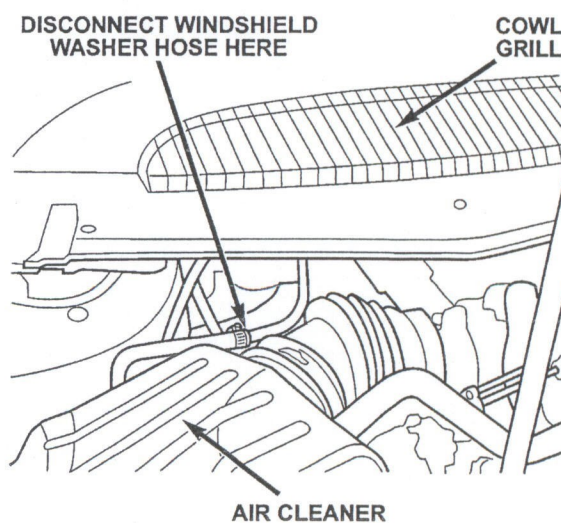


Figure 5

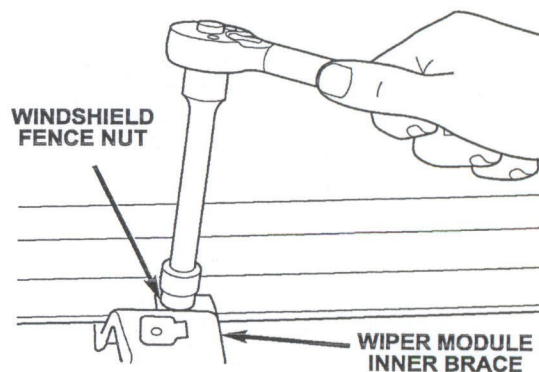
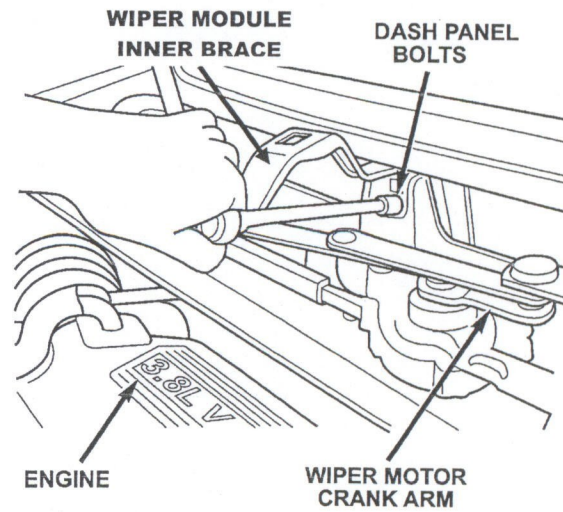
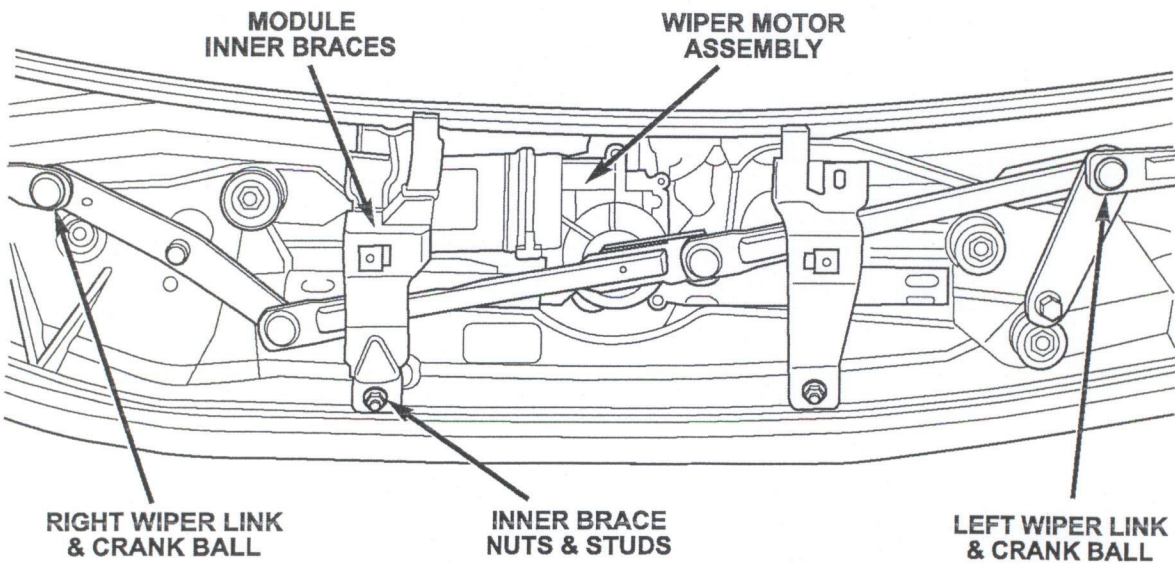


Figure 6

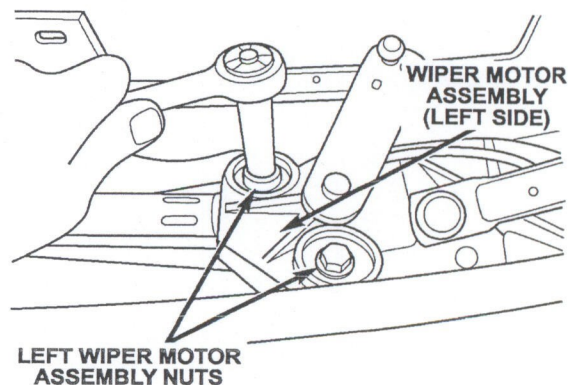
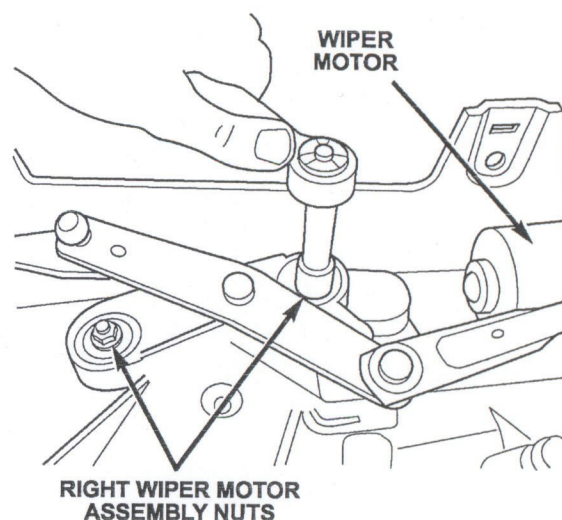
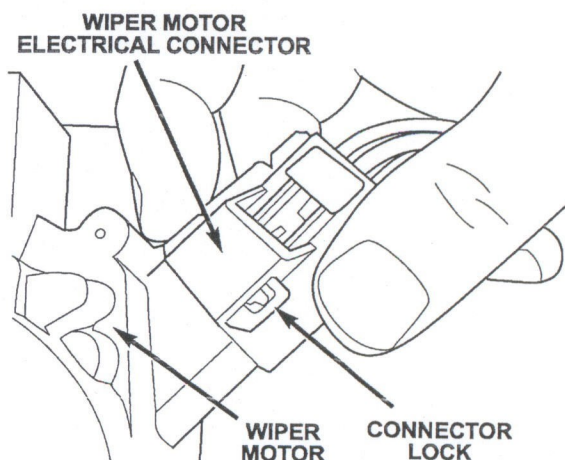
Service Procedure (Continued)

6. Remove the four bolts under the wiper module inner braces holding the module tub to the dash panel (Figure 7).
7. Remove all four inner brace mounting nuts and pull the inner braces free of the mounting studs. The wiper module tub will drop down slightly (Figure 8).
8. Using a pair of 90° needle nose pliers, gently pry apart and disconnect the right and left wiper links from the right and left wiper crank balls (Figure 8).

**Figure 7****Figure 8**

Service Procedure (Continued)

9. Remove the two left wiper assembly mounting nuts (Figure 9).
10. Remove the two right wiper assembly mounting nuts (Figure 10).
11. Lift the wiper motor assembly partially out of the module.
12. Unlock the red positive lock tab on the wiper module wire connector and disconnect the wiring harness connector from the wiper motor (Figure 11). Discard the old wiper motor assembly.
13. Install the new wiper motor assembly into the module tub.
14. Connect the wire harness connector to the new wiper motor assembly. Lock the red positive lock tab of the connector.
15. Install the four wiper assembly mounting nuts and tighten to 80 in-lbs (9 N·m) (Figure 9 and 10).
16. Push the four inner support braces onto the studs. Install the four nuts and tighten to 80 in-lbs (9 N·m) (Figure 8).
17. Install the four bolts under the wiper module inner braces holding the module to the dash panel and tighten to 150 in-lbs (17 N·m) (Figure 7).
18. Install four the nuts holding the wiper module inner brace to the lower windshield fence and tighten to 65 in-lbs (7 N·m) (Figure 6)

**Figure 9****Figure 10****Figure 11**

Service Procedure (Continued)

19. Apply the grease supplied with this kit liberally on each of the wiper motor crank balls (Figure 12).
20. Attach the right and left wiper link ends to the right and left crank balls using slip-joint pliers. Apply just enough force to pop the link on.

CAUTION: Excessive force will damage the plastic drive link bushings.

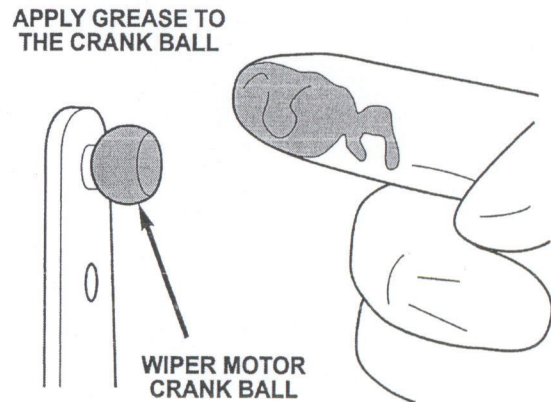


Figure 12

21. Position the cowl grill on the vehicle for installation.
22. Install the washer hose and the grommet into the wiper module tub. Be sure to properly seat the washer hose grommet into the bottom of the wiper module tub.
23. Connect the washer hose at the in line connector located by the air cleaner (Figure 5).
24. Install the cowl grill.

NOTE: Be careful not to scratch the cowl grill, fender or the hood.

25. Install the two center screws to the cowl grill.
26. Connect the battery.
27. Remove the tape from the hood and fender then carefully close the hood.
28. Tighten the six screws securing the cowl cover to the wiper module.
29. Engage the two quarter turn fasteners located near the wiper pivot shafts of the cowl grill to the body (Figure 3).

NOTE: The final position of the arrow on the fastener is toward the windshield.

30. Verify that the wiper motor and the linkage are in the park position by cycling the wiper system. Turn the ignition off.

Service Procedure (Continued)

31. Align the wiper arms to the respective marks made on the windshield in **Section A Step 5a** and install the wiper arms onto the wiper pivots.
32. Install the wiper arm nuts onto the wiper pivots and tighten to 25 ft-lb (35 N·m).

CAUTION: It is important to tighten the wiper arm nut properly to avoid stripping the wiper arm head. The wiper arms must be aligned correctly to prevent damage to the wiper system.

33. Activate the windshield wipers to ensure proper function.
34. Install the wiper arm caps and return vehicle to the customer.

C. HB Yellow Label Inspection and Wiper Motor Replacement if Necessary

1. Disconnect the negative battery cable.

NOTE: To enhance customer satisfaction, remember to reset the clock when you have completed the service procedure.

2. Remove the three nuts that secure the front wiper arms to the pivot shafts (Figure 13).
3. Using a suitable two jaw puller, separate the wiper arms and the link from the wiper pivot shaft.
4. Remove the two cowl screws (Figure 13).
5. Remove the five push pin fasteners and discard them (Figure 13).
6. Lift the cowl grill off and place it away from the work area.

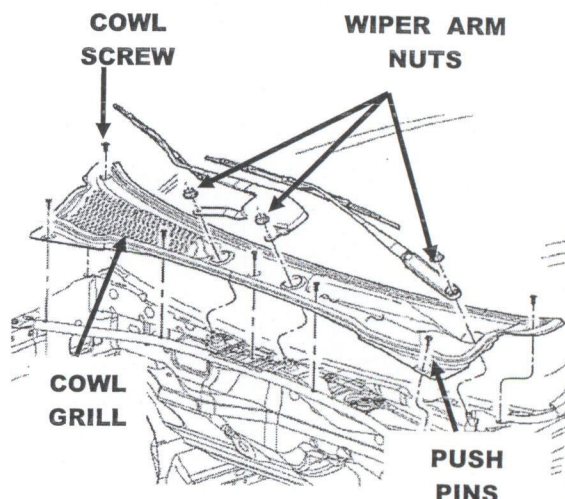


Figure 13

Service Procedure (Continued)

7. Unlock the red lock tab on the wiper module wire connector and disconnect the wiring harness connector from the wiper motor (Figure 14).
8. Insert the nose of a pair of 90° needle nose pliers underneath the **right** wiper link bushing and gently pry apart the wiper linkage from the wiper motor crank. (Figure 15)
9. Insert the nose of a pair of 90° needle nose pliers under the **left** wiper link bushing and gently pry apart the wiper linkage from the wiper motor crank. (Figure 15)
10. Remove the three bolts holding the wiper motor assembly to the wiper module and remove the motor. (Figure 15).
11. Read the wiper motor date code (Figure 16).

➤ If the date code (**dd.mm.yy**) is:

21.03.05 (21Mar05) through
15.05.05 (15May05)

OR

21.09.05 (21Sep05) through
28.10.05 (28Oct05),

OR

the date code is illegible,

discard the old wiper motor.

➤ If the date code is not within the two date ranges, reuse the old motor.

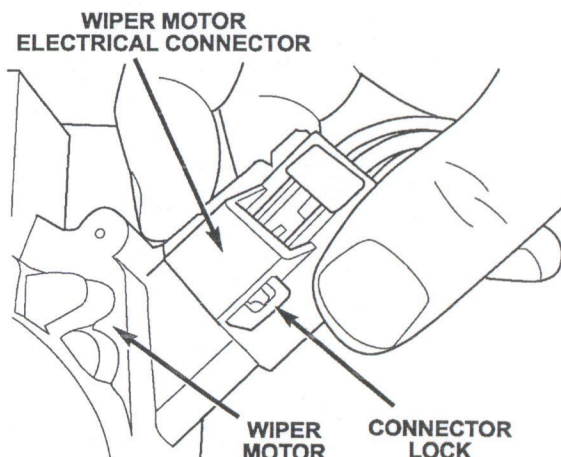


Figure 14

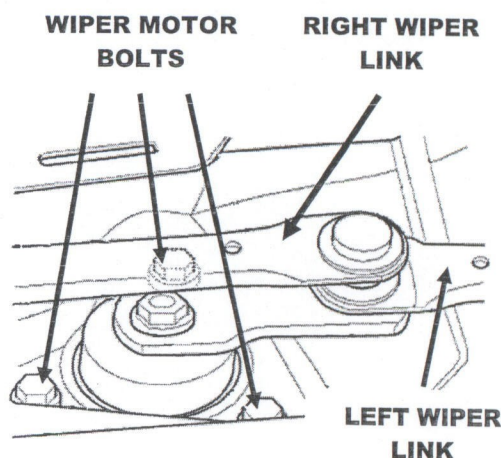


Figure 15



Figure 16

Service Procedure (Continued)

12. Position the wiper motor so that the end of the wiper motor is facing the engine
13. Install the three wiper motor self tapping bolts removed in Step 10 and tighten to 62 in-lbs (7 N·m). (Figure 15)
14. **If a new wiper motor is being installed**, apply a light coating of grease (supplied in the kit) to the lower wiper motor crank ball.

15. Using a pair of slip joint pliers, snap the **lower** wiper linkage (left) onto the ball (Figure 15). Apply just enough force to pop the link on.

CAUTION: Excessive clamping force will damage the plastic drive link bushing.

16. **If a new wiper motor is being installed**, liberally apply the remainder of the grease on the top half of the upper crank ball.
17. Using a pair of slip joint pliers, snap the **upper** wiper linkage (right) onto the ball (Figure 15). Apply just enough force to pop the link on.

CAUTION: Excessive clamping force will damage the plastic drive link bushing.

18. Connect the wiring harness connector to the wiper motor connector.
19. Lock the red positive lock tab on the wiper module wire connector.
20. Install the cowl grill and tighten the top rear two screws and the five front screws.
21. Connect the battery.
22. Verify that the wiper motor and the linkage are in the park position by cycling the wiper system. Turn off the ignition.
23. Position the wiper arms so that the blades align with the horizontal lines on the bottom of the windshield. Tighten the pivot nuts to 25 ft-lb (35 N·m).
24. Activate the windshield wipers to ensure proper function.
25. Return vehicle to the customer.

Completion Reporting and Reimbursement

Claims for vehicles that have been serviced must be submitted on the DealerCONNECT Claim Entry Screen located on the Service tab. Claims submitted will be used by DaimlerChrysler to record recall service completions and provide dealer payments.

Use of the following labor operation numbers and time allowances:

	<u>Labor Operation Number</u>	<u>Time Allowance</u>
Inspect Wiper Motor Label – Motor has White Label	08-F1-01-81	0.2 hours
Related Labor Operation For 08-F1-01-81:		
Inspect Wiper Motor Label – Motor has (RS)	08-F1-01-51	0.1 hours
Yellow Label Outside of Date Range (HB)	08-F1-01-51	0.4 hours
Inspect Wiper Motor Label and Replace Wiper Motor/Assembly.	08- F1-01-82	0.6 hours

Add the cost of the recall parts package plus applicable dealer allowance to your claim.

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

Dealer Notification

All dealers will receive a copy of this dealer recall notification letter by mail. Two additional copies will be sent through the DCMMS. To view this notification on DealerCONNECT, select “Global Recall System” on the Service tab, then click on the description of this notification.

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 generic copy of the owner letter is attached.

Enclosed with each owner letter is an Owner Notification postcard to allow owners to update our records if applicable.

Dealers are encouraged to consider alternative scheduling and servicing approaches for this recall. This repair does not require hoists or other full service facility special equipment and is a DaimlerChrysler Mobile Service approved repair.

Vehicle Lists, Global Recall System, VIP and Dealer Follow Up

All involved vehicles have been entered into the DealerCONNECT Global Recall System (GRS) and Vehicle Information Plus (VIP) for dealer inquiry as needed.

GRS provides involved dealers with an updated VIN list of their incomplete vehicles. The owner's name, address and phone number are listed if known. Completed vehicles are removed from GRS within several days of repair claim submission.

To use this system, click on the “**Service**” tab and then click on “**Global Recall System.**” Your dealer's VIN list for each recall displayed can be sorted by: those vehicles that were unsold at recall launch, those with a phone number, city, zip code, or VIN sequence.

Dealers must perform this repair on all unsold vehicles before retail delivery. Dealers should also use the VIN list to follow up with all owners to schedule appointments for this repair.

Recall VIN lists may contain confidential, restricted owner name and address information that was obtained from the Department of Motor Vehicles of various states. Use of this information is permitted for this recall only and is strictly prohibited from all other use.

Additional Information

If you have any questions or need assistance in completing this action, please contact your Service and Parts District Manager.

Customer Services Field Operations
DaimlerChrysler Corporation

DAIMLERCHRYSLER

*Buckle up
for Safety!*

SAFETY RECALL F10 – WINDSHIELD WIPER MOTOR

Dear: (Name)

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

DaimlerChrysler Corporation has decided that a defect, which relates to motor vehicle safety, exists in some **2006 model year Chrysler Town & Country, Dodge Caravan, Grand Caravan and Durango vehicles**. Additionally, this recall also involves a small number of 2001 through 2006 model year Town & Country, Caravan and Grand Caravan vehicles that have had a service replacement windshield wiper motor installed.

The problem is... The windshield wiper motor armature shaft on your vehicle (VIN: xxxxxxxxxxxxxxxxx) may break and cause the windshield wipers to become inoperative. This can impair the driver's vision and cause a crash without warning.

What your dealer will do... DaimlerChrysler will repair your vehicle free of charge (parts and labor). To do this, your dealer will inspect the windshield wiper motor on your vehicle and replace it if necessary. The work will take about 1 hour to complete. However, additional time may be necessary depending on how dealer appointments are scheduled and processed.

What you must do to ensure your safety... Simply **contact your dealer** right away to schedule a service appointment. Ask the dealer to hold the part for your vehicle or to order it before your appointment. **Remember to bring this letter with you to your dealer.**

If you need help... If you have questions or concerns which your dealer is unable to resolve, please contact DaimlerChrysler at 1-800-853-1403.

Please help us update our records, by filling out the enclosed prepaid postcard, if any of the conditions listed on the card apply to you or your vehicle. Be sure to print the last eight (8) characters of the VIN (VVVVVVVV) and notification code F10 on the postcard.

If you have already experienced this condition and have paid to have it repaired, you may send your original receipts and/or other adequate proof of payment to the following address for reimbursement: DaimlerChrysler P.O. Box 4639 Oak Ridge, TN 37831, Attention: Reimbursement.

If your dealer fails or is unable to remedy this defect without charge and within a reasonable time, you may submit a written complaint to the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street, S.W., Washington, DC 20590, or call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to <http://www.safercar.gov>.

We're sorry for any inconvenience, but we are sincerely concerned about your safety. Thank you for your attention to this important matter.

Customer Services Field Operations
DaimlerChrysler Corporation
Notification Code F10

Note to lessors receiving this recall: Federal regulation requires that you forward this recall notice to the lessee within 10 days.