

FILE: SERVICE: GROUP 00 OF SERVICE INFORMATION BINDER  
PARTS: GROUP I OF INFORMATION \_ PARTS & ACCESSORIES BINDER

Campaign No. 2006060003, June 2006

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **MODEL 199, MODEL YEAR 2005-2006**  
**REPLACE ALTERNATOR AND CL CONTROL MODULE; INSTALL HEAT SHIELD ON**  
**NEW ALTERNATOR**

This Recall Campaign has been initiated because DCAG has determined that on affected vehicles (see VIN range on the following page), under hard operating conditions, the engine compartment temperature can increase to a level which exceeds the design parameters for the alternator and creates the potential for an engine compartment fire. A damaged alternator can not assure sufficient voltage to supply the vehicle electrical system. If this condition occurs the driver will first be informed of alternator damage by the instrument cluster multifunction displays indicating the shut down of some vehicle comfort features such as A/C, radio, etc. If voltage drops further, the multifunction display will indicate "Battery/Alternator Stop Vehicle". In that case the driver should shut off the vehicle and contact an authorized Mercedes-Benz dealer and have the vehicle towed in for repair.

**Note:**

**Dealers not yet trained or not yet properly equipped with the required tools and equipment need to direct any SLR customer to the nearest properly trained and equipped SLR dealer due to risk of technician personal injury and/or damage to the vehicle.**

Please review the Effective Serial Number chart located below.

Prior to performing this Recall Campaign:

- Please check VMI to insure the vehicle is involved and to determine if the vehicle has been previously repaired.
- Please review the entire Recall Campaign bulletin.

Approximately 420 vehicles are affected.

Order No. P-RC-2006060003

This bulletin has been created and maintained in accordance with MBUSA-SLP S423QH001, Document and Data Control, and MBUSA-SLP S424HH001, Control of Quality Records.

**Effective Serial Number Range**

<b>Models</b>	<b>Chassis End Number</b>	
	<b>From</b>	<b>To</b>
199.376	M000018	M001168

**Note:**

**Every vehicle in the VIN range may not be included in the campaign. VMI must always be checked** before performing campaigns to verify that the campaign is required on a specific vehicle. VMI **always** overrides the bulletin in reference to a specific vehicle's inclusion in a particular campaign. Please also note that Recall and Service Campaigns **do not expire** and may also be performed on a vehicle with a vehicle status indicator.

## Procedure

### WARNING!

- Risk of injury to skin and eyes from handling hot or glowing objects.
- Risk of injury caused by moving parts that can pinch, crush, or in extreme cases even sever extremities.

### NOTE:

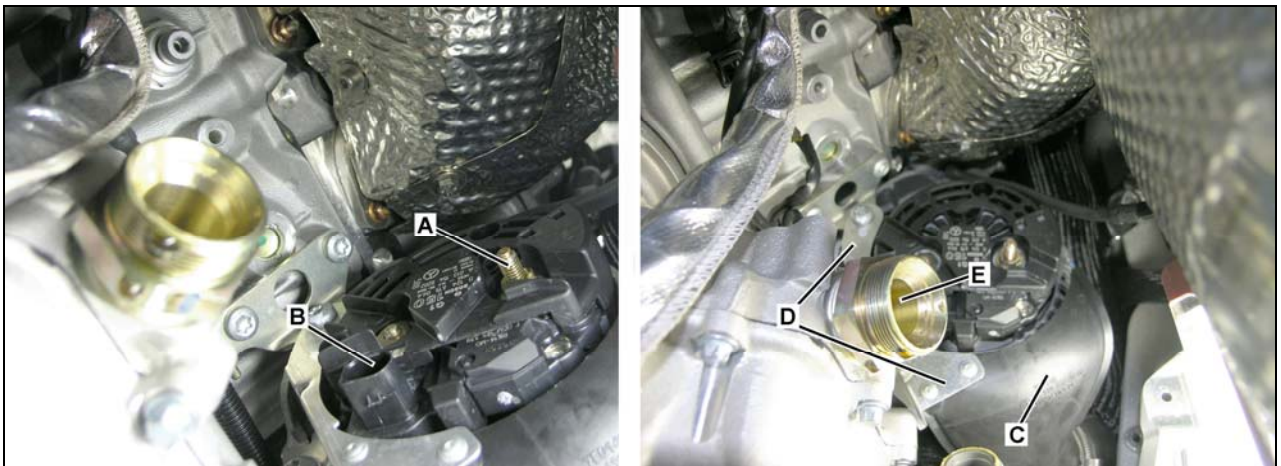
#### Prior to starting the procedure:

- Ensure to use DAS version 05/06 or higher
- Ensure that the patch 2006-06-19-0578 is installed

1. Disconnect ground line of battery; refer to WIS document AR54.10-P-0003SLR.
2. Remove CL control module and air brake (one unit); refer to WIS document AR54.21-P-1500SLR.
3. Remove alternator.
  - Place vehicle on lift; refer to WIS document AR00.60-P-1000SLR.
  - Remove horns on both sides of hood star; remove hood star.
  - Remove radiator fan; refer to WIS document AR20.40-P-0007SLR.
  - Remove poly-V-belt; refer to WIS document AR13.22-P-1202SLR.
  - Drain engine oil from storage tank and remove engine oil filter; refer to WIS document AP18.00-P-0101SLR.
  - Remove oil filter housing; refer to WIS document AR18.20-P-3471SLR.

#### Note:

**Plug oil lines after detaching in order to prevent oil drip.**



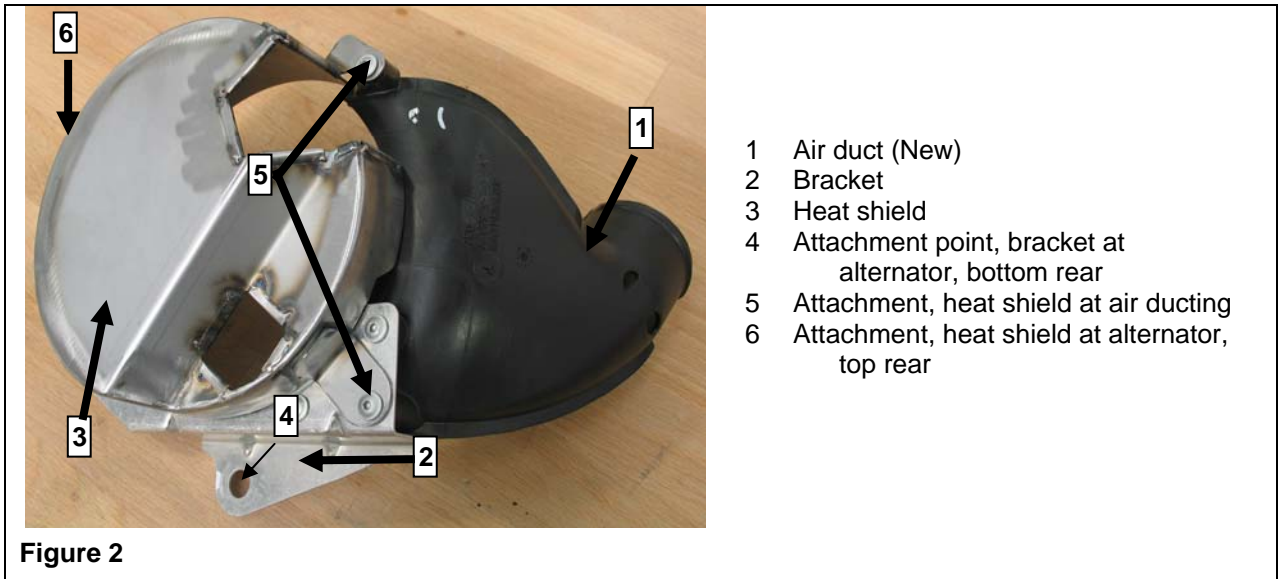
**Figure 1**

- Remove B+ connector cap and nut (A, Figure 1).
- Remove connector coupling from alternator (B)

- Remove air duct (C) and bracket (D) from alternator.
- Remove front alternator mounting bolts.
- Remove oil return line adapter (E) from upper oil pan.

**CAUTION!**

- **Exercise extreme care when removing the adapter to prevent possible damage to the threading.**
- **Completely remove existing sealant from adapter threads.**
- Gently remove alternator from underneath the vehicle.



- 1 Air duct (New)
- 2 Bracket
- 3 Heat shield
- 4 Attachment point, bracket at alternator, bottom rear
- 5 Attachment, heat shield at air ducting
- 6 Attachment, heat shield at alternator, top rear

4. Install new alternator and new air duct (1, Figure 2).

**Note:**

**Reuse the existing bracket (2) between the heat shield and alternator. Do not reuse the existing air duct.**

- Install new alternator and tighten front mounting bolts. Torque bolts to 30 Nm.
- Fasten new air duct (1) with bracket (2) for heat shield (3) to lower rear mounting for alternator.

**Note:**

**Reuse the existing bracket screws to fasten the air duct to the bracket.**

- Connect line B+ to alternator (A, Figure 1); torque bolt to 15 Nm.

**CAUTION!**

**The plastic protective cap must be mounted onto the B+ terminal to prevent possible arcing.**

- Affix heat shield to top rear (6) of alternator.
- Fasten heat shield to air duct (5).

**Note:**

**Reuse one existing bracket screw and use the one new screw provided to fasten the heat shield to the air ducting.**

- Tighten top rear mounting of alternator.
- Connect connector coupling for alternator control.

5. Reassemble in reverse order.
- Torque oil return line adapter (E, Figure 1) at upper oil pan to 60 Nm.

**CAUTION!**

- **Exercise extreme care when reinstalling the oil return line adapter to prevent possible damage to the threading.**

**Note:**

- **No new sealant is required for reinstallation of the adapter.**
  - Use Loctite 242 when reinstalling oil lines into filter housing adapters.
  - Refer to the Additional Torque Settings on page 6 for correct torque settings during reassembly.
6. Install new CL control module and air brake (one unit); refer to WIS document AR54.21-P-1500SLR.
  7. Connect ground line of battery; refer to WIS document AR54.10-P-0003SLR.
  8. Run engine and check for oil leaks.

**Note:**

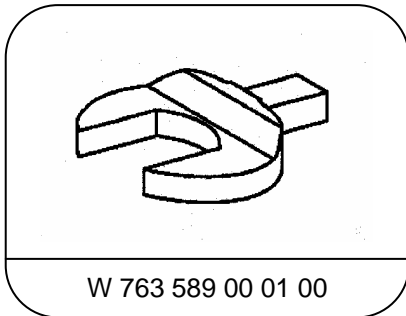
**Prior to performing step 9:**

- **Ensure to use DAS version 05/06 or higher**
  - **Ensure that the patch 2006-06-19-0578 is installed**
9. Connect SDS and perform a quick test; read out and erase event codes and fault memory.

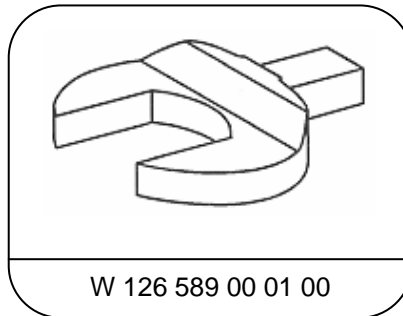
### Additional Torque Settings

Part Name	Torque
Filter housing adapters to filter housing	60 Nm
Oil lines to filter housing adapters	58 Nm
Bolts, underbody panelling; 10mm	6 Nm
Bolts, underbody panelling; 13mm	20 Nm
Bolts, underbody panelling; 16mm	25 Nm

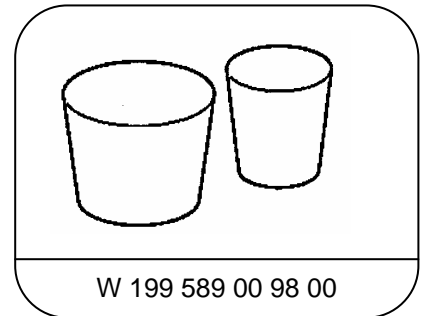
### Special Tools



Wrench Insert, Open End; 41mm



Wrench Insert, Open End; 46mm



Plug Set; Oil Lines (20 pcs)

**Note:** The noted Special Tools are MBUSA Required Special Tools. They have been previously released to dealers and should already be in every dealer's inventory.

### Parts Information

Qty.	Part Name	Part Number	Estimated Replacement Rate
1	CL [ZV] control module	A 199 820 15 26	100%
1	Oil filter	A 155 180 00 10	
1	Gasket, oil filter housing to crankcase	A 155 185 00 80	
1	Sealing ring	A 199 990 02 40	
2	Sealing ring, adapter for oil lines to engine	A 199 990 03 40	
1	Heat shield for alternator	A 199 492 12 30	
1	Air duct	A 199 505 03 61	
1	Screw	A 002 990 64 05	
1	Alternator	A 013 154 82 02 85	
10 Quarts	Engine oil per Specifications for Operating Fluids, Sheet 229.5 SAE 5W-50 <sup>1,2)</sup>		
1	Loctite 242	A 003 989 31 71	

### Note:

<sup>1)</sup> Submit as a local purchase "ENGOILXXXXX". For example: \$3.00 per quart x 10 quarts = \$30.00 is entered as ENGOIL03000, Qty 1.

<sup>2)</sup> Ensure to use Mobil 1<sup>®</sup> oil.

**Note:**

- Please be aware that only the part number(s) referenced in the Campaign Bulletin is/are approved for use to repair the vehicle. Repairs performed using any other part(s) will not have been performed in accordance with the campaign. Accordingly, warranty claims submitted with reference to an improper part number(s) will be denied.
- The following allowable labor operation should be used when submitting a warranty claim for this repair:

**Warranty Information**

---

**Operation:** Retrofit Alternator Air Ducting and Replace CL Control Unit (02-5369)

<b>Damage Code</b>	<b>Operation Number</b>	<b>Labor Time (hrs.)</b>	<b>Model Indicator(s)</b>
15 910 31 7	02-5369	5.6	W1



Mercedes-Benz USA, LLC

Klaus Ulkann  
Vice President, Customer Services

**Safety Recall #2006060003**

June, 2006

Dear Mercedes-Benz Owner

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. WE SENT YOU THIS NOTICE BECAUSE WE ARE CONCERNED ABOUT YOUR SAFETY.

DaimlerChrysler AG (DCAG), the manufacturer of Mercedes-Benz vehicles, has decided that a defect which relates to motor vehicle safety exists in certain Model Year 2005 - 2006 SLR McLaren vehicles with regard to the alternator. Mercedes-Benz USA, LLC (MBUSA) therefore has initiated a recall of these vehicles. Our records indicate that your vehicle is included in the affected population of vehicles.

DCAG has determined that, under hard operating conditions, the engine compartment temperature can increase to a level which exceeds the design parameters for the alternator and creates the potential for an engine compartment fire. A damaged alternator can not assure sufficient voltage to supply the vehicle electrical system. If this condition occurs, you will first be informed of alternator damage by the instrument cluster multifunction displays indicating the shut down of some vehicle comfort features such as A/C, radio, etc. If voltage drops further the multifunction display will indicate "**Battery/Alternator Stop Vehicle**". In that case please shut off the vehicle, contact your authorized Mercedes-Benz dealer and have the vehicle towed in for repair.

Your authorized Mercedes-Benz dealer will improve engine compartment cooling, install a modified control unit and a new alternator. This service will be provided free of charge. The working time required to repair this condition is approximately 1 work day. As a matter of normal service process, your authorized Mercedes-Benz dealer will also check for other repair measures which might be applicable to your vehicle and this may increase the required working time. Please contact your authorized Mercedes-Benz dealer for additional information and to schedule an appointment at your earliest convenience. Please mention Recall Campaign #2006060003

If you are no longer the vehicle owner, or have a change of address, please complete the reverse side of this letter and return the complete letter in the enclosed envelope. If this is a leased vehicle and the lessor and registered owner receive this notice, please forward this information by first class mail to the lessee.

Please contact your authorized Mercedes-Benz dealer should you have any questions or encounter any difficulty regarding this recall. If your dealer is unable to remedy your situation please contact us at 1-(800) FOR-MERCEdes (1-800-367-6372) and press option 5 for inquires regarding the SLR.

If an authorized Mercedes-Benz dealer or Mercedes-Benz USA, LLC, fails or is unable to perform this service without charge within 60 days, pursuant to law 49 U.S.C. Chapter 301, you may submit a complaint to the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street, S.W., Washington, D.C. 20590 or call the toll-free Auto Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153); or go to <http://www.safercar.gov>.

We apologize for any inconvenience this situation may cause you.

Sincerely,

One Mercedes Drive, P.O. Box 350, Montvale, NJ 07645-0350, Phone 1-800-FOR-MERCEdes (1-800-367-6372), Fax (201) 476-6211  
[www.MBUSA.com](http://www.MBUSA.com)



Mercedes-Benz - registered trademarks of DaimlerChrysler AG, Stuttgart, Federal Republic of Germany

