Workshop Incharge
MB India Authorised Workshops

Recall Campaign
Replace crankshaft position sensor
Models 164, 211 and 221 with engine OM642.
Accounting No. 1593034.

Dear All,

We are in receipt of the subject Recall Campaign from DAG for vehicle models 164, 211 & 221 with OM 642 engine. The list of affected vehicles is attached herewith for your ready reference.

On these vehicles, an interruption of the electrical connection in the interior of the crankshaft sensor's chip housing may occur in very remote circumstances. When this problem occurs, the engine may lose power. It will also be no longer possible to restart the engine. To deal with this case in a preventative manner, we need to replace the Crank Shaft Position sensor on these vehicles. Please refer to the attached work descriptions for the work procedures.

Kindly note that this is an active Service Measure and you need to call the vehicle to complete the same. The Customer is to be informed through a written communication with recorded delivery (Registered AD) as per the attached approved text format, advising him about this action and requesting to send his vehicle to your workshop. Please note that there should not be any change in the approved text format of the invitation letter.

Spare Parts, Operation texts and flat rates:

Please refer enclosed Work Instructions.

Please ensure that the necessary parts are available in your parts stock before sending the letter to the Customer.
Damage code: 015930347.

Accounting No.: A warranty/goodwill claim for the costs of labour and material (if any) may be submitted to us, quoting the accounting number 1593034.

Completion Deadline: This service measure should be completed by 31st December 2008.

Considering the criticality of this activity, kindly explain the above instructions to your concerned staff and also provide your personal attention to complete this campaign as soon as possible.

For any queries you may have related to this information & activities, please immediately contact the right undersigned or Mr. Devendra Thakur.

Please acknowledge receipt of this letter.

With best regards,
Mercedes-Benz India Private Limited

[Signature]
D. Chandavarkar
Director
After-Sales

[Signature]
Ashish Salvi
Dy. General Manager
Field Service

Copies to - MBIL Service Representatives - For close follow up with the workshops.

Encl. - Work Instructions
   - Vehicle list
   - Letter format
Replace crankshaft position sensor
Model 211; 221; 164 with OM 642

Modification notes

- Model designation 164.128 added in labor time table.

Work Procedure

1. Modified repair method! The existing WIS literature will be adapted.

1. Remove rear bottom section of soundproofing.

2. Replace position sensor of crankshaft (AR15.12-P-2133*).
   * Select the document that corresponds to the model and equipment variant.

In addition, the following work must be performed on model 211 with OM629:

- Remove coolant hose at firewall.
- Remove bracket of rear soundproofing.
- Loosen bolts (A) at crossbar from rear engine mount to transmission (MK 50; figure 1).

Figure 1

- Lift engine at rear of transmission.

3. Assemble in the reverse order.
   * Reading out and erasing the fault memory is not necessary.
### Parts

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Designation</th>
<th>Part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Position sensor of the crankshaft</td>
<td>A 642 153 07 28 05</td>
</tr>
<tr>
<td>8*</td>
<td>MB 325.0 anticorrosion/antifreeze agent</td>
<td>A 000 989 08 25 10</td>
</tr>
</tbody>
</table>

* Only model 211 with OM629

### Operation Text and Flat Rate

<table>
<thead>
<tr>
<th>Operation no.</th>
<th>Operation text</th>
<th>Flat rate</th>
<th>Accounting no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>02-5900-01</td>
<td>Replace crankshaft position sensor Model 251</td>
<td>0.5 hours</td>
<td>15 930 34</td>
</tr>
<tr>
<td>02-5900-01</td>
<td>Replace crankshaft position sensor Model 164; 204; 209; 211; 219; 221</td>
<td>0.6 hours</td>
<td>15 930 34</td>
</tr>
<tr>
<td>02-5900-01</td>
<td>Replace crankshaft position sensor Model 203; 463</td>
<td>0.7 hours</td>
<td>15 930 34</td>
</tr>
<tr>
<td>02-5900-01</td>
<td>Replace crankshaft position sensor Model 221 with OM 629</td>
<td>0.9 hours</td>
<td>15 930 34</td>
</tr>
<tr>
<td>02-5900-01</td>
<td>Replace crankshaft position sensor Model 164 128</td>
<td>1.0 hours</td>
<td>15 930 34</td>
</tr>
<tr>
<td>02-5900-01</td>
<td>Replace crankshaft position sensor Model 164 828</td>
<td>1.3 hours</td>
<td>15 930 34</td>
</tr>
<tr>
<td>02-5900-01</td>
<td>Replace crankshaft position sensor Model 211 with OM 629</td>
<td>1.7 hours</td>
<td>15 930 34</td>
</tr>
<tr>
<td>02-5329-01</td>
<td>Perform additional operation VEH with offroad package Model 164</td>
<td>0.3 hours</td>
<td>15 930 34</td>
</tr>
</tbody>
</table>

Daimler AG
Global Service & Parts
Sub: Free inspection of your vehicle

Dear Sir/ Madam,

With your purchase of a Mercedes-Benz vehicle, you have decided to go with a brand whose hallmarks include the highest level of quality and safety. Quality, as we understand it, tolerates no compromises.

Despite meticulous quality control checks during the production of and at the point of delivery of your vehicle, we have come across isolated case of engine not starting. The reason for this might be an electrical discontinuity in the crankshaft sensor which may occur in the most remote circumstances. Hence, as a precautionary measure, we will replace the crankshaft sensor on your vehicle.

We therefore request that you make an appointment as soon as possible with our service advisor. The scheduled appointment will reduce the down time to a minimum. The work will require approx. 2.0 hours and will of course be carried out free of charge.

We will continue to do everything it takes, to maintain the trust that you have reposed in us by purchasing a Mercedes-Benz. We are convinced that by proceeding in this manner we are also acting in your best interests and we apologize for the need to make an unscheduled visit to the workshop.

Awaiting your reply and assuring you of our best services at all times, we remain.

Yours sincerely,
For (Dealer Name)

(Name)
Workshop Incharge
July 7, 2008

To,
Mr. Arvind Kumar D. Choksi
408/5, Arvindbhai House,
Opp. Lal Bungalow,
C.G. Road,
Ahmedabad

Sub: Free Inspection of your vehicle.

Dear Sir,

With your purchase of a Mercedes-Benz vehicle, you have decided to go with a brand whose hallmarks include the highest level of quality and safety. Quality, as we understand it, tolerates no compromises.

Despite meticulous quality control checks during the production of and at the point of delivery of your vehicle, we have come across isolated case of engine not starting. The reason for this might be an electrical discontinuity in the crankshaft sensor which may occur in the most remote circumstances. Hence, as a precautionary measure, we will replace the crankshaft sensor on your vehicle.

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Awaiting your reply and assuring you our best services at all times, we remain.

Yours sincerely,

For Cama Motors Pvt. Ltd,

Rakesh Mehta
General Manager – Service

Alok Mehrotra
Asst. Manager – Customer Care

Showroom, Service Station: Rustom Cama Marg, Lal Darwaja, Ahmedabad – 380001,
Phone: (079) 26506281 to 88, Fax: (079) 26506581, 24Hr. Service: (O) 98254 04419,
Sales – e – mail: cama@satyam.net.in, Service – e – mail: mercedesservice@camamotors.com
Dear All,

In isolated cases reported to us, we have observed engine stalling due to crankshaft position sensor malfunction.

While diagnosing this complaint, Fault codes 2045 or 0703 Component B70 (Crankshaft hall sensor) are recorded depending upon the vehicle model. In some cases, technician erased the fault code and released the vehicle. However, complaint recurred leading to customer total dissatisfaction since in some of the reported cases; Customers were stranded on the road due to this complaint on more than one occasion.

In view of the above, we recommend the replacement of crankshaft position sensor in the first occasion on getting related fault codes. Kindly instruct your technicians not to release the vehicle by just erasing the fault code but to replace the sensor. It would certainly avoid recurrence of the complaint.

Kindly ensure that your concerned staff is well aware of the above immediately.

In case of any queries, please feel free to contact us.

Thanking you,

With best regards,

DaimlerChrysler India Private Limited

Ashish Salvi
Dy. General Manager
Field Service

Devendra Thakur
Sr. Manager
Field Service

Copy to - DC India Service Representatives