Gear lever sticks in 5th/reverse gear shift gate

E36/7, E38, E39, E46, E53 with GS5-280Z/320Z (C-transmission) and GS5-39DZ (F-transmission)

Complaint:
- It is difficult to move the gear lever into and out of the 5th/reverse gear shift gate.
- The gear lever does not automatically move from the 5th/reverse gear shift gate back to the centre position.
- No shift gate guidance.

Cause: Selector shaft locking pin sticking in bearing bush.

Affected vehicles:
- E46 M47, M57
- E46 M52/B28, M54/B30
- E39 M47, M57
- E39 M52/B25, M54/B25 Touring
- E39 M52/B28, M54/B30, M62/B35
- E53 M54/B30, M57
- E36/7 M52/B28, M54/B30
- E36/7 S50 and S54
- E38 M51, M52/B28, M62/B35

Manufacturing period: September 1997 to December 2002

Remedy: Replace 5th and reverse gear locking pin bearing bushes.

Note: In series production, improved bearing bushes were introduced in January 2003.

Procedure: In case of customer complaint, the 5th/reverse gear locking pin bearing bushes must be replaced as described in Repair Instructions 23 11 565 (C-transmission) and 23 11 566 (F-transmission).

Note: The transmission must be removed to replace the bearing bushes. Special tools 23 4 021, 23 4 022 and 23 4 023 are needed to perform the repair.

Parts:

<table>
<thead>
<tr>
<th>Part number</th>
<th>Part description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>23 11 7 542 726</td>
<td>Repair kit for bearing bushes</td>
<td>1</td>
</tr>
</tbody>
</table>

Reimbursement: Material and labour costs incurred can be claimed through the usual warranty channels subject to current warranty terms.

Defect code: 23 00 92 34 00
This defect code is not contained in the official Defect Code Catalogue but has been included in the system, thus enabling warranty claims to be processed.
Within the framework of a visit to the workshop -
Replace locking pin bearing bushes:

<table>
<thead>
<tr>
<th>Job number</th>
<th>00 54 939</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labour</td>
<td>The flat rates had not been defined at close of press, but will shortly be available in the warranty system, thus enabling warranty claims to be processed.</td>
</tr>
</tbody>
</table>

In case of order without additional repair operations -
Replace locking pin bearing bushes

<table>
<thead>
<tr>
<th>Job number</th>
<th>00 54 250</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labour</td>
<td>The flat rates had not been defined at close of press, but will shortly be available in the warranty system, thus enabling warranty claims to be processed.</td>
</tr>
</tbody>
</table>

Warranty type 1
Warranty stage 1 (within vehicle warranty) 2 (outside vehicle warranty)

It is only permitted to make a claim for reimbursement under one of the above job numbers.

Reimbursement is limited to **48 months / 100,000 km** and only possible until **December 2006**.