

## Positive engagement in drive position D delayed

E46, E53, E83 with A5S 390R  
(GM5 transmission)

- Complaint:** The first time drive position "D" is engaged after a lengthy period out of use, e.g. over night, the transmission only gains positive engagement with a time lag (longer than 2 seconds).
- Cause:** Leakage inside the transmission, C1 clutch empties during the parking period. As a result, positive engagement is only gained with a time lag the first time a drive position is engaged after a lengthy parking period.
- Affected vehicles:** E46, E53 with M54 and A5S 390R (GM5 transmission)  
Manufacturing period: February 2003 until November 2003  
  
E83 with M54 and A5S 390R (GM5 transmission)  
Manufacturing period: from the start of series production up to November 2003
- Procedure:** In case of customer complaint, replace the transmission as described in Repair Instructions 24 00 048
- Parts:**

Model	Manufacturing period	Description	Part number	Quantity per vehicle
		Hexagon nut, self-locking (M12 x 1.5)	07 12 9 900 047	3
325iXA ECE/US	09/02 until 03/03	Exchange automatic transmission	24 00 7 515 157	1
325iXA ECE/US	03/03 onwards	Exchange automatic transmission	24 00 7 523 279	1
330iXA ECE/US	09/02 until 03/03	Exchange automatic transmission	24 00 7 515 279	1
330iXA ECE/US	03/03 onwards	Exchange automatic transmission	24 00 7 523 281	1
325iA US	09/02 onwards	Exchange automatic transmission	24 00 7 527 935	1
330iA US	03/03 onwards	Exchange automatic transmission	24 00 7 530 439	1
X5 3.0i ECE/US	10/02 until 10/03	Exchange automatic transmission	24 00 7 518 604	1
X5 3.0i ECE/US	10/03 onwards	Exchange automatic transmission	24 00 7 525 324	1
X3 3.0iA ECE/US	from start of series production	Exchange automatic transmission	24 00 7 523 281	1

**Note:**

The manufacturing periods given in the parts list refer only to the status of the