



Transmission

R Models, K5x

Service Information No. **SI 23 001 16R**

Revised 12/27/2016

23 Gearbox

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Situation

BMW Motorrad has made technical updates to the transmission on the air- liquid-cooled boxer models. As with the R 1200 GS Adventure (K51), all air-liquid-cooled boxer models received a shock damper on the transmission output shaft as of July 2016. At the same time, a reworked control actuation, transmission shafts, as well as their bearings have been used. This results in a slightly longer installation length for the new transmission.

Determining transmission version has been added on page 3.

Vehicles affected

R Models, K5x.

Spare parts supply

The new transmission can be installed as replacements with additional components and labor operations. Details can be found in AIR or ETK and RSD.

In the future, only the new transmission in 2 variants (black/silver) will be available as replacement for vehicles before production date in mid-July 2016,

As of Aug. 2016 if a replacement engine is required, only engines with the new transmission are delivered. Also in this case, additional parts are required during installation in vehicles before a production date in mid-July 2016 (see AIR or a current ETK, RSD).

Possible repairs or modifications

Replacement of transmission for vehicles with production date **until** mid-July 2016

- The following parts are also required:
 - 1x gearshift cover
 - 1x starter
 - 2x screws M6x35 for starter
 - 1 x holder for exhaust manifold
 - 1x clutch push rod
 - 1x bearing set with retaining plate

Replacement of engine for vehicles with production date **until** mid-July 2016

- The following parts are also required:
 - 1x starter
 - 2x screws M6x35 for starter
 - 1 x holder for exhaust manifold

Replacement of transmission for vehicles with production date **from** mid-July 2016

- No additional parts required.

Replacing engine for vehicles with production date **from** mid-July 2016

- No additional parts required.



NOTICE

Details on the respective labor operations can be found in AIR or the RSD version 12/2016.
Information on additionally required components can be found in each current ETK.

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Determining transmission version

For vehicles with a production date between 11/07/2016 and 16/07/2016, a precise identification of the transmission version is possibly.

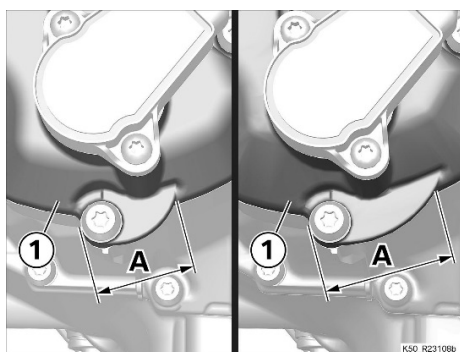


Figure 1: Visual inspection of gearshift cover (Transmission view from left bottom)

- Left image: Version from mid-July 2016 - dimension A approx. 30 mm
- Right image: Version until mid-July 2016 - dimension A approx. 45 mm

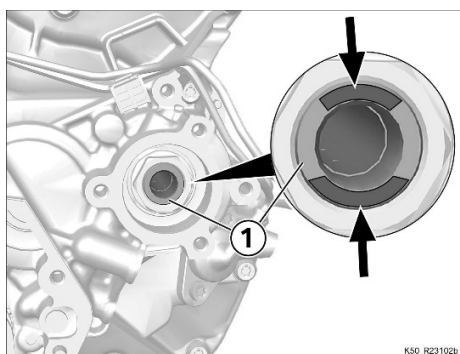


Figure 2: Serial number on countershaft

A precise identification of the transmission version is also possible by means of markings (serial number) (Arrow) on the countershaft (1).

- Version from mid-July 2016 – Ends with DMS
- Version until mid-July 2016 – Ends with MSI or BMS

Series production of the reworked transmission:

Model	Type code	Production date
R 1200 GS (K50)	0A11	13/07/2016
R 1200 GS Adventure (K51)	0A12	13/07/2016
R 1200 RT (K52)	0A13	13/07/2016
R 1200 R (K53)	0A14	15/07/2016
R 1200 RS (K54)	0A15	13/07/2016

Please pass on this product information to the persons responsible at your company.

Questions regarding this bulletin?

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