Fixed Fork Tube

R 1200 GS (K50, K50/11), R 1200 GS Adventure (K51)

Leadership circle

Marketing

Sale
New motorcycles

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Used motorcycles

Aftersales

Administration

Service Information No. SI 31 001 18

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03/2018

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Fixed Fork Tubes

Details
Currently there are four different version of fixed fork tubes installed on K50 and K51 models.

Version 1:

Description
Version 1 fixed fork tube and plug have a threaded screw construction and liquid screw lock (lock-tite) This version was recalled via SI 31 001 13(013) Recall 13V-154 Front Fork Check which added four circular crimps on the fixed fork tube in the plug area.

Fig. 1: Version 1 - Fixed fork tube with threaded plug with circular indentations

Part numbers

31 42 8 549 470	Fixed fork tube	K50
31 42 8 543 626	Right fork leg	K50
31 42 8 543 627	Left fork leg	K50

Series introduction
R 1200 GS (K50): Start of Production up to the end of October 2013
R 1200 GS Adventure (K51): Not installed

Spare parts supply
Version 1 fixed fork tubes are no longer available as replacement parts. Alternatively, version 3 fixed fork tubes can be installed if a replacement is needed. Note: both fixed fork tubes will need to be replaced.

Version 2:

Description
Version 2 fixed fork tubes have a pressed in plug with additional locking by means of four oval crimps.
This version was recalled via SI 31 002 17R2 (Recall 17V-438) "Retrofitting fixed fork tube bushing"

Fig. 2: Version 2 - Fixed fork tube with pressed in seal plugs with oval crimps.

Part numbers

31 42 8 549 383	Fixed fork tube	K50, K51
31 42 8 549 393	Left gold fork leg	K50
31 42 8 549 394	Right gold fork leg	K50
31 42 8 549 379	Left black fork leg	K51
31 42 8 549 380	Right black fork leg	K51
31 42 8 566 596	Fixed fork tube	K50, K51
31 42 8 566 597	Left gold fork leg	K50
31 42 8 566 598	Right gold fork leg	K50
31 42 8 566 533	Left black fork leg	K50, K51
31 42 8 566 534	Right black fork leg	K50, K51

Series introduction
R 1200 GS (K50): End October 2013 to mid-June 2017
R 1200 GS Adventure (K51): Start of Production to mid-June 2017
All vehicles produced in this period are subject to SI 31 002 17R2 (Recall 17V-438) "Retrofitting fixed fork tube bushing"
IMPORTANT: Vehicles that have received version 2 parts as replacement parts must also be retrofitted to version 3.

Spare parts supply
Version 2 fixed fork tubes are not available as replacement parts by themselves, they must be converted to version 3 fixed fork tubes with the addition of the fixed fork tube bushing.

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Version 3:

Description
Version 3 fixed fork tubes are Version 2 fixed fork tubes with a pressed on fixed fork tube bushing.

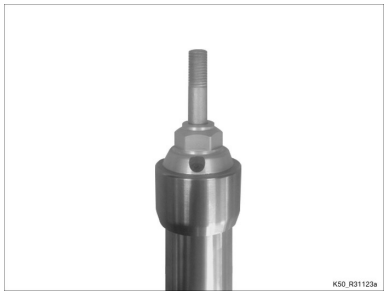

Fig. 3: Version 3 - Fixed fork tube with pressed on fixed fork tube bushing

Part numbers

31 42 8 404 842	Fixed fork tube with fixed fork tube bush	K50, K51
31 42 8 404 843	Left gold fork leg	K50
31 42 8 404 844	Right gold fork leg	K50
31 42 8 404 845	Left black fork leg	K50, K51
31 42 8 404 846	Right black fork leg	K50, K51

Series introduction
Version 3 fixed fork tubes were not installed at the factory in series production.

Spare parts supply
A version 3 fixed fork tube is made using a version 2 fixed fork tube and pressing on a fixed fork tube bushing.

Version 4:

Description
Version 4 fixed fork tubes have a pressed in seal plug with a 360° comprehensive crimp.
In comparison to Version 2 fixed fork tubes, the tube wall thickness and the length of the crimp were increased.
Version 3 fixed fork tubes and Version 4 fixed fork tubes are technically the same.

Fig. 4: Version 4 - Fixed fork tube with pressed in seal plug, 360° comprehensive crimp, and a groove in the hexagon head (1) (for identification with the rubber cover in place)

Part numbers

31 42 8 393 007	Fixed fork tube	K50, K51
31 42 8 393 003	Left gold fork leg	K50
31 42 8 393 004	Right gold fork leg	K50
31 42 8 393 005	Left black fork leg	K50, K51
31 42 8 393 006	Right black fork leg	K50, K51

Series introduction
R 1200 GS (K50): From mid-June 2017 to current
R 1200 GS Adventure (K51): From mid-June 2017 to current

Spare parts supply
Version 4 fixed fork tubes are available as replacement parts for vehicles with production dates from 06/19/2017 and later on a limited basis. Please contact MotorradAftersales@bmwna.com with the corresponding VIN to have these parts released. Retrospective installation as an alternative for Version 1-3 is not planned. Installation is however, technically possible. The regular specifications of the Warranty Manual are applicable.

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Fixed Fork Tubes

Warranty processing

Version 3 fixed fork tube conversion for the replacement of version 1 fixed fork tubes for vehicles that fall under the new bike warranty.

Defect code

31 42 91 37 00	Special invoicing for fixed fork tubes

FRU numbers

31 42 506	Replace fixed tube (fork leg removed), 2 FRUs
+00 60 672	Press on a fixed fork tube bushing, 1 FRUs

Part numbers

31 42 8 566 596	Fixed fork tube
31 42 8 396 077	Fixed fork tube bushing
31 42 7 684 743	1x Nut
31 42 7 674 776	1x O-ring

Only if required, the sealing element set can also be billed.

31 42 8 532 723	1x Set of sealing elements (for 2 fixed fork tubes)

A special tool for installation of the fixed fork tube bushes can be billed for each authorized BMW Motorrad Retailer.

83 30 2 456 223	1x Mounting tool for fixed fork bushings (31 1 561)

Spare part for special tool

83 30 2 457 537	Press bushing for the installation tool

Questions regarding this bulletin?

For technical inquires in relation to this bulletin	Please contact the PuMA team
For warranty inquires in relation to this bulletin.	Submit an IDS ticket to the Warranty Department
For parts inquires in relation to this bulletin	Submit an IDS ticket to the Motorrad Parts Department

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