Service Information No. 22/2008

Situation

Note

Editorial note: All earlier versions of this Service Information are rendered invalid by this supplement. The SI has been radically revised, and this is the reason why the individual changes are not marked.

A combination of unfavourable tolerances can mean that the brake lines installed on some motorcycles with BMW Motorrad Integral ABS generation II might be under strain.
The vibrations that occur when the motorcycle is being ridden could cause the front brake lines to develop leaks, allowing brake fluid to escape. If this happened it would cause the level of fluid in the reservoir of the front brake system to drop. If the level drops until the reservoir is completely empty the result can be failure of the front brakes.
Under rare circumstances there is even a possibility of the new-geometry front brake lines (sequence of bends) developing leaks on high-mileage motorcycles.

Motorcycles affected
The technical campaign has to be extended to include the Die R 1200 GS Adventure (K25/02, 0382/0397), R 1200 RT (K26, 0368/0388) and K 1200 GT (K44, 0587/0597) models.

The following motorcycles with BMW Motorrad Integral ABS generation II are affected:

- R 1200 GS (K25, 0307/0317): All motorcycles up to end of production
- R 1200 GS Adventure (K25/02, 0382/0397): All motorcycles up to end of production
- R 1200 R (K27, 0378/0398): All motorcycles up to date of production may 05, 2009
- R 1200 RT (K26, 0368/0388): All motorcycles up to date of production May 01, 2009
- R 1200 ST (K28, 0328/0338): All motorcycles up to end of production
- K 1200 GT (K44, 0587/0597): All motorcycles up to end of production

All motorcycles affected by this campaign will be issued a new special defect code.
See the local systems for technical campaigns (DMS, DCS Net, S-Gate, IWS, OSCAR Monitoring etc.) for an updated list of the motorcycles affected.

Series solution
Brake lines of a new, considerably more robust design and fitted with sleeves (see Figure 3) have been in use in series production since May 2009 for the R 1200 R (K27, 0378/0398) and R 1200 RT (K26, 0368/0388) models. Production of the other models affected had ceased by that date.

Figure 1: Example of construction status 1 (straight/direct routing, without sleeve)

Figure 2: Example of construction status 2 (S-shaped curvature, without sleeve)

Figure 3: Example of construction status 3 (S-shaped curvature **with sleeve**)

Service solution
The spare parts in question were changed to brake lines with sleeves (see Figure 3) in May 2009.
All the motorcycles in question have to be fitted with these brake lines with sleeves. Motorcycles that have already been fitted with the new-geometry (sequence of bends) brake lines **but without the sleeves** (see Figure 2) within the framework of a technical campaign will have to be converted a second time.
You are requested to notify customers who are owners of these motorcycles of the situation **immediately**, either by phone or by sending them a copy of the enclosed letter, and arrange a date and time to have the work stipulated for this technical campaign undertaken. In the case of motorcycles still on your premises, you are requested to undertake the work involved **before your customers take delivery**.

Note

Every motorcycle that has already been fitted with a brake line with sleeve within the framework of a technical campaign (see Figure 3) is logged in the applicable system; these motorcycles are not affected by this campaign. In the local systems for technical campaigns, these motorcycles are not flagged with a new special defect code.

The R 1200 RT (K26, 0368/0388) and K 1200 GT (K44, 0587/0597) motorcycles affected have to be converted as described in the attached work item 00 60 220.
The description of the conversion procedure for the other motorcycles affected by this technical campaign is included in the Repair Manual (construction group 34) of the current RSD.

The description of work item 00 60 220 will be published for all models affected on the RSD (Repair & Service Data BMW Motorrad) service-data DVD edition 06/2010 and later editions.

Warranty processing for R 1200 GS (K25, 0307/0317) with option code 0630 BMW Motorrad Integral ABS generation II

Defect code:	00 00 34 74 00	Conversion, brake line with sleeve
FRU number:	00 60 220	Conversion, brake line (with ABS, bleeding brakes and if applicable installing/removing special tool rear-wheel stand), 12 FRUs
Part numbers:	34 32 7 722 285	1x Repair set, brake lines (with sleeve), front
	34 32 7 704 570	1x Line holder, double
	-- -- - --- ---	Brake fluid (billing code 04)

Warranty processing for R 1200 GS Adventure (K25/02, 0382/0397) with option code 0630 BMW Motorrad Integral ABS generation II

Defect code:	00 00 34 74 00	Conversion, brake line with sleeve
FRU number:	00 60 220	Conversion, brake line (with ABS, bleeding brakes and if applicable installing/removing special tool rear-wheel stand), 13 FRUs
Part numbers:	34 32 7 722 285	1x Repair set, brake lines (with sleeve), front
	34 32 7 704 570	1x Line holder, double
	-- -- - --- ---	Brake fluid (billing code 04)

Warranty processing for R 1200 RT (K26, 0368/0388) without option code 0359 official-user order

Defect code:	00 00 34 74 00	Conversion, brake line with sleeve
FRU number:	00 60 220	Conversion, brake line (with ABS, bleeding brakes and if applicable installing/removing special tool rear-wheel stand), 16 FRUs
Part numbers:	34 32 7 722 286	1x Repair set, brake lines (with sleeve), front
	-- -- - --- ---	Brake fluid (billing code 04)

Warranty processing for R 1200 R (K27, 0378/0398) with option code 0630 BMW Motorrad Integral ABS generation II (TC 00 00 34 67 00 already completed)

Defect code:	00 00 34 74 00	Conversion, brake line with sleeve
FRU number:	00 60 220	Conversion, brake line (with ABS, bleeding brakes and if applicable installing/removing special tool rear-wheel stand), 12 FRUs
Part numbers:	34 32 7 722 287	1x Repair set, brake lines (with sleeve), front
	-- -- - --- ---	Brake fluid (billing code 04)

Note

All R 1200 R (K27, 0378/0398) motorcycles for which technical campaign 00 00 34 67 00 has already been completed are flagged with defect code 00 00 34 74 00 in the system.

Warranty processing for R 1200 R (K27, 0378/0398) with option code 0630 BMW Motorrad Integral ABS generation II (TC 00 00 34 67 00 not yet completed)

Defect code:	00 00 34 75 00	Conversion, brake line with sleeve and brake hose
FRU numbers:	00 60 220	Conversion, brake line (with ABS, bleeding brakes and if applicable installing/removing special tool rear-wheel stand), 12 FRUs
	00 60 653	Conversion, brake hose (for conversion, brake line), 1 FRUs
Part numbers:	34 32 7 722 287	1x Repair set, brake lines (with sleeve), front
	34 32 7 715 811	1x Brake hose, front brake circuit
	34 11 7 671 550	4x Sealing ring
	34 32 7 715 809	1x Connector, front brake circuit
	07 12 9 904 819	1x Torx screw with washer
	32 73 7 687 119	1x Retaining strap
	-- -- - --- ---	Brake fluid (billing code 04)

Note

All R 1200 R (K27, 0378/0398) motorcycles for which technical campaign 00 00 34 67 00 has not yet been completed are flagged with defect code 00 00 34 75 00 in the system, because the front brake hose also has to be replaced for each of these motorcycles.

Warranty processing for R 1200 ST (K28, 0328/0338) with option code 0630 BMW Motorrad Integral ABS generation II

Defect code:	00 00 34 74 00	Conversion, brake line with sleeve
FRU number:	00 60 220	Conversion, brake line (with ABS, bleeding brakes and if applicable installing/removing special tool rear-wheel stand), 15 FRUs

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2nd SUPPLEMENT to technical campaign: Conversion of brake lines, front

	34 32 7 704 570	1x Line holder, double
	-- -- - --- ---	Brake fluid (billing code 04)

Warranty processing for K 1200 GT (K44, 0587/0597) with option code 0630 BMW Motorrad Integral ABS generation II

Defect code:	00 00 34 74 00	Conversion, brake line with sleeve
FRU number:	00 60 220	Conversion, brake line (with ABS, bleeding brakes and if applicable installing/removing special tool rear-wheel stand), 12 FRUs
Part numbers:	34 32 7 724 061	1x Repair set, brake lines (with sleeve), front
	-- -- - --- ---	Brake fluid (billing code 04)

Note

The defect code will be set centrally to "done" for all motorcycles for which technical campaign 00 00 34 67 00 was not completed to date.

Note

Note: Enter your stock of "old" brake lines in accounts by submitting a warranty application as follows:
Defect code: 90 00 03 23 00 (= elimination of stock)
Vehicle Identification Number: ZA00000
Warranty type: 2 (parts)
Odometer reading: 0 km
Date of first registration: Corresponds to date of scrappage
Comment on defective-component tag: Elimination of stock of old brake lines
This procedure can be used for scrapping the parts with the following parts numbers and posting the scrappage in accounts:
34 32 7 689 979 Brake line, front control circuit
34 32 7 689 981 Brake line, front brake circuit
34 32 7 694 130 Brake line, front control circuit
34 32 7 694 132 Brake line, front brake circuit
34 32 7 700 837 Brake line, front control circuit
34 32 7 700 838 Brake line, front brake circuit
34 32 7 710 506 Brake line, front control circuit
34 32 7 714 448 Brake line, front control circuit
34 32 7 714 449 Brake line, front brake circuit
34 32 7 715 810 Brake line, front brake circuit
34 32 7 719 253 Brake line, front control circuit
34 32 7 719 254 Brake line, front brake circuit
Germany: Return the parts through the usual channel for defective-parts returns to BMW Motorrad.
All countries except Germany: Scrap the parts in the appropriate way.

Contact

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Recipients

ASIP portal (NSC / Importers)

Appendix

- Letter to customer for motorcycles affected for the first time
- Letter to customer for motorcycles that have already had brake lines replaced on account of a technical campaign
- Item No. 00 60 220 for R 1200 RT (K26, 0368/0388)
- Item No. 00 60 220 for K 1200 GT (K44, 0587/0597)