Service Information No. 43/2008

Technical After-Sales Service / Warranty

34 Brakes

03.11.2008 - 2nd SUPPLEMENT: 27.04.2010

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

R 1200 GS (K25/11, 0303/0313), R 1200 GS Adventure (K25/12, 0380/0390)

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 the above-mentioned motorcycles 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 widened to include motorcycles without BMW Motorrad Integral ABS generation II (option code 0630).

The motorcycles affected are the following R 1200 GS (K25/11, 0303/0313) and R 1200 GS Adventure (K25/12, 0380/0390) models:

- With BMW Motorrad Integral ABS generation II (option code 0630): All motorcycles manufactured in the period up to November 07, 2008
- Without BMW Motorrad Integral ABS generation II (option code 0630): All motorcycles manufactured in the period up to May 06, 2009

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 a list of the motorcycles affected.

Series solution

Brake lines of a new, considerably more robust design and fitted with sleeves (see Figure 3) were introduced into series production as of the dates listed below:

- November 08, 2008: Motorcycles with ABS
- May 07, 2009: Motorcycles without ABS

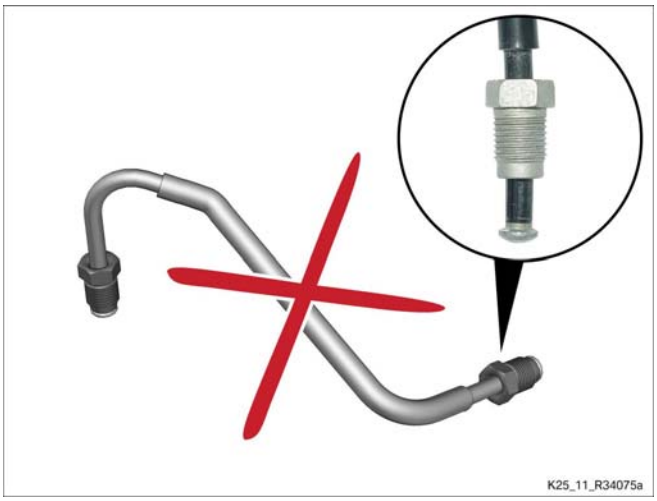

Figure 1: Example of construction status 1 (straight/direct routing)

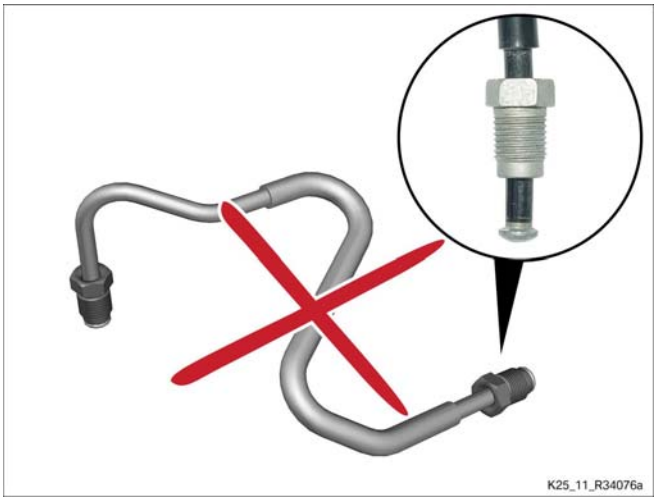

Figure 2: Example of construction status 2 (S-shaped curvature, without sleeve)

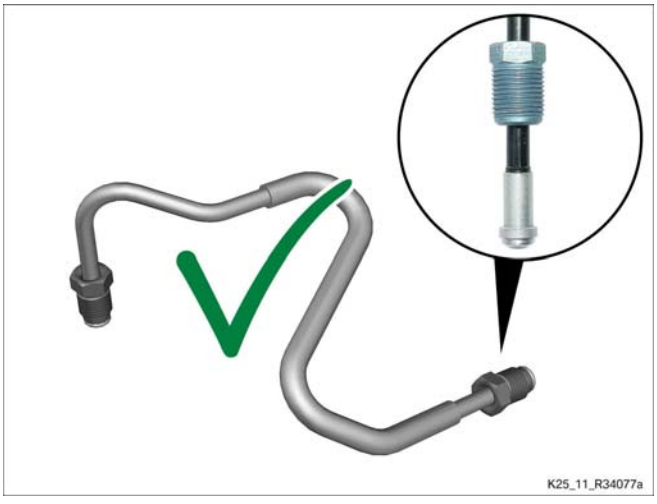

Figure 3: Example of construction status 3 (S-shaped curvature with sleeve)

Service solution

The spare parts in question have been changed to brake lines with sleeves (see Figure 3).

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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 now 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.

Motorcycles without ABS that are affected by this technical campaign must be converted in accordance with attached work item 00 00 221.
The description of the conversion procedure for those motorcycles with ABS that are affected by this technical campaign is included in the Repair Manual (construction group 34) of the current RSD.

The descriptions of the work items (with/without ABS) 00 60 220 / 00 60 221 will be published for all models on the RSD (Repair & Service Data BMW Motorrad) service-data DVD edition 06/2010 and later editions.

Note

The work item in the attachment for the R 1200 GS (K25/11, 0303) applies by analogy for the R 1200 GS (K25/11, 0313) and R 1200 GS Adventure (K25/12, 0380/0390) models.

Warranty processing for R 1200 GS (K25/11, 0303/0313) with option code 0630 BMW Motorrad Integral ABS generation II (TC 00 00 34 71 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 7 722 292	1x Repair set, brake lines (with sleeve), front
	34 32 7 704 570	1x Line holder, double
	-- -- - --- ---	Brake fluid (billing code 04)

Note

All R 1200 GS (K25/11, 0303/0313) motorcycles for which technical campaign 00 00 34 71 00 has already been completed are flagged with defect code 00 00 34 74 00 in the system.

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Warranty processing for R 1200 GS (K25/11, 0303/0313) with option code 0630 BMW Motorrad Integral ABS generation II (TC 00 00 34 71 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 7 722 292	1x Repair set, brake lines (with sleeve), front
	34 32 7 704 570	1x Line holder, double
	34 32 7 720 825	1x 'Stahlflex' brake hose
	07 11 9 963 072	2x Sealing ring
	-- -- - --- ---	Brake fluid (billing code 04)



Note

All R 1200 GS (K25/11, 0303/0313) motorcycles for which technical campaign 00 00 34 71 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 GS Adventure (K25/12, 0380/0390) with option code 0630 BMW Motorrad Integral ABS generation II (TC 00 00 34 71 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), 13 FRUs
Part numbers:	34 32 7 722 292	1x Repair set, brake lines (with sleeve), front
	34 32 7 704 570	1x Line holder, double
	-- -- - --- ---	Brake fluid (billing code 04)



Note

All R 1200 GS Adventure (K25/12, 0380/0390) motorcycles for which technical campaign 00 00 34 71 00 has already been completed are flagged with defect code 00 00 34 74 00 in the system.

Warranty processing for R 1200 GS Adventure (K25/12, 0380/0390) with option code 0630 BMW Motorrad Integral ABS generation II (TC 00 00 34 71 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), 13 FRUs
	00 60 653	Conversion, brake hose (for conversion, brake line), 1 FRUs
Part numbers:	34 32 7 722 292	1x Repair set, brake lines (with sleeve), front
	34 32 7 704 570	1x Line holder, double
	34 32 7 720 825	1x 'Stahlflex' brake hose
	07 11 9 963 072	2x Sealing ring
	-- -- - --- ---	Brake fluid (billing code 04)



Note

All R 1200 GS Adventure (K25/12, 0380/0390) motorcycles for which technical campaign 00 00 34 71 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.

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Warranty processing for R 1200 GS (K25/11, 0303/0313) without option code 0630 BMW Motorrad Integral ABS generation II

Defect code:	00 00 34 74 00	Conversion, brake line with sleeve
FRU number:	00 60 221	Conversion, brake line (without ABS, with bleeding brakes), 8 FRUs
Part numbers:	34 32 7 726 628	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 (K25/12, 0380/0390) without option code 0630 BMW Motorrad Integral ABS generation II

Defect code:	00 00 34 74 00	Conversion, brake line with sleeve
FRU number:	00 60 221	Conversion, brake line (without ABS, with bleeding brakes), 12 FRUs
Part numbers:	34 32 7 726 628	1x Repair set, brake lines (with sleeve), front
	34 32 7 704 570	1x Line holder, double
	-- -- - --- ---	Brake fluid (billing code 04)



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 7 706 028 Brake line, front control circuit
34 32 7 706 030 Brake line, front brake circuit
34 32 7 707 712 Brake line
34 32 7 720 826 Brake line, front brake circuit
34 32 7 722 284 Repair set, front brake lines
34 32 7 724 057 Brake line
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.

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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 60 221