

SERVICE INFORMATION

Cust.Serv.- Techn.Dept.
VKT Er/wi-ba

Motorcycles R27/R50/R60/R69S München, Jan.16,67
Group: Electrical system No. 1/66 (240) en.

Re: Electrical switches - handlebar fittings

Dear Sirs,

Following our policy of continuous improvement a new clutch lever and a new throttle twist-grip and handbrake lever assembly have been introduced as standard equipment on all models.

These new fittings have grooved firm-grip hand levers and move very easily on account of the new plastic bush bearing. To avoid any risk of damaging the new levers are ball-shaped on their outer ends.

Another standard novelty constitute new safety swivel switches on the handlebar ends for the blinker-equipped handlebar arrangement. New, sloping adapter pieces place those switches in a favorable operating position.

The introduction of these new handlebar fittings took place effective of frame number

385 265	on R 27
641 437	on R 50
629 956 to 630 000 and from	
1810 001	on R 60
661 045	on R 69 S.

The ordering numbers for the new throttle twist-grip assembly and the clutch lever unit (without electrical switches) are the following:

- 2 -

Kenntnis genommen /		Pris connaissance /		Noted /		Tomado nota /		Preso conoscenza	
Betriebsleitung Direction Management Dirección Direzione	Werkstatt Atelier Workshop Taller Officina	KD-Annahme Réception clientèle Cust. reception Recepción clientela Recezione clienti	Gewähr.-Sachb. Inspecteur garantie Warranty inspector Inspector garantía Ispettore garanzia	E-Teildienst Service pièces détachées Spare parts service Servicio de recambios Servizio ricambi	Ablage Archives File Archivo Archivio	Betriebsleitung Direction Management Dirección Direzione	Werkstatt Atelier Workshop Taller Officina		

<u>1. Handlebar arrangement with blinkers</u> (domestic market)	<u>Part No.</u>
Throttle twist-grip (1 control cable) and brake lever assembly complete (with switch support, sloping to right)	20 72 342
Throttle twist-grip (2 control cables) and brake lever assembly complete (with switch support, sloping to right)	20 72 391
Switch support sloping to right, with fittings	20 72 181
Clutch lever assembly complete (with switch support sloping to left)	20 72 225
Switch support, sloping to left, without fittings	20 72 183
Fittings:	
1 Fillister-head screw	99 01 039
2 Fillister-head screws with pin	99 07 450

The numbers for the new swivel switches may be perceived from the list "Electric switches".

<u>2. Handlebar arrangement without blinkers</u> (for exportation)	
Throttle twist-grip (1 control cable) and brake lever assembly complete (twist-grip body without switch support)	20 72 341
Throttle twist-grip (2 control cables) and brake lever assembly complete (twist-grip body without switch support)	20 72 343
Clutch lever assembly complete (without sloping support for switch)	20 72 425
The toggle-type dimmer switch with horn push button (chromium plated metal housing) employed for left handlebar end only, remains unaltered.	80 48 162

Electric switches (Handlebar arrangement with blinkers)

New execution

Right handlebar end:

Blinker switch with horn contact and four-stranded wiring (swivel switch)	80 48 183
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Left handlebar end:

Dimmer switch with headlight flasher contact
and four-stranded wiring (swivel switch) 80 48 195

Intermediary execution **Original**

Right handlebar end:

Toggle-type blinker and headlight flasher
switch (chromium plated metal housing) 80 48 152

Left handlebar end:

Toggle-type dimmer switch with horn push
button (chromium plated metal housing) 80 48 162

Original executionRight handlebar end: **Intermedlate**

Swivel-type blinker switch without headlight
flasher (with horizontal switch support) 80 48 182

Left handlebar end:

Toggle-type dimmer switch with horn push
button and headlight flasher
(chromium plated metal housing) 80 48 193

Caution!

Single switches of previous execution left or right can on no account be replaced by a right-hand or left-hand swivel switch of the new execution. If necessary always exchange both switch es. For this each time disconnect both previous switches with wirings in the headlamp (see electrical diagram Electric switches "Original execution" respectively Electric switches "Intermediary execution") and connect the new swivel switches, using the new sloping switch supports, to the new wirings in the headlamp according to electrical diagram Electric switches "new execution".

Very truly yours,

BAYERISCHE MOTOREN WERKE
Aktiengesellschaft

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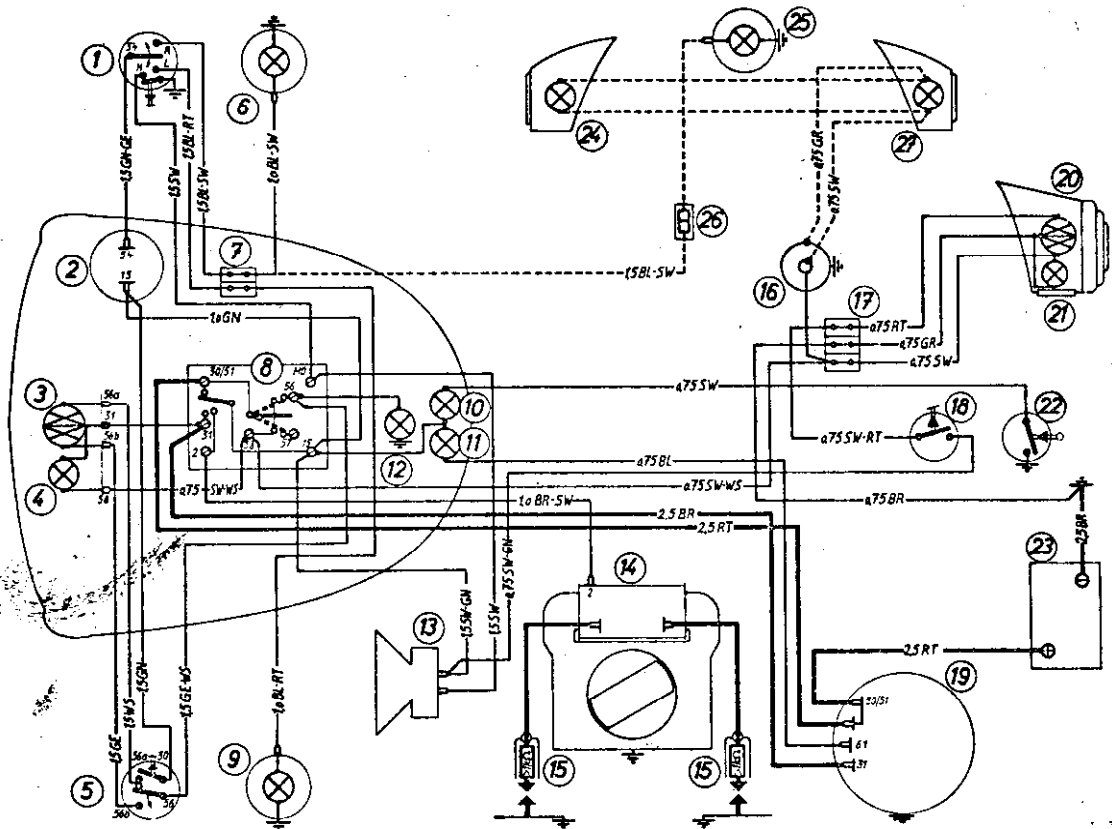
i.V.



Makowitzki

Delleske

Electrical diagram (Electric switches, new execution)



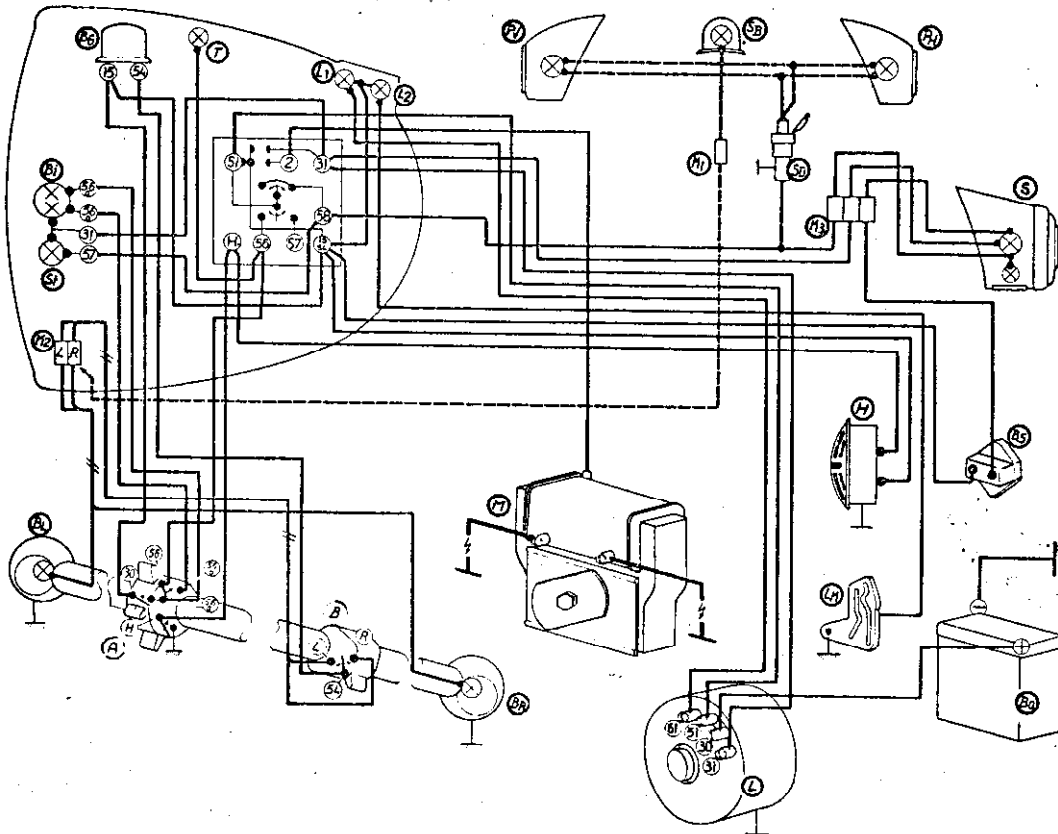
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|---------------------------------------|--|
| 1 Blinker and horn switch | 15 Spark plug adaptor, with suppressor |
| 2 Flasher unit | 16 Electrical jack (socket) |
| 3 Double-filament bulb | 17 Cable connector 3-pole |
| 4 Parking light | 18 Stop light switch |
| 5 Dimmer and headlight flasher switch | 19 Generator |
| 6 Right-hand blinker | 20 Stop and tail light |
| 7 Cable connector (2-pole) | 21 License plate lights |
| 8 Ignition and light switch | 22 Neutral indicator contact |
| 9 Left-hand blinker | 23 Battery |
| 10 Neutral indicator | <u>Sidocar:</u> |
| 11 Charging indicator | 24 Front side light |
| 12 Speedometer lights | 25 Blinker |
| 13 Horn | 26 Cable connector (1-pole) |
| 14 Ignition magneto | 27 Rear side light |

Wiring color code

- | | | |
|-------------|------------|-------------|
| BL = blue | GN = green | SW = black |
| BR = brown | GR = grey | VI = violet |
| GE = yellow | RT = red | WS = white |

For instance: 0.75 BR = 0.75 sq.mm. brown

Wiring diagram (electric switches, intermediary execution)



- A Dimmer switch with horn contact and headlight flasher
- B Blinker switch
- BQ Battery
- BG Flasher unit
- Bi Double filament bulb
- BL LH blinker
- BR RH blinker
- BS Stop light switch
- H Horn
- K1 Cable connector 1-pole "S"
- K2 Cable connector 2-pole
- K3 Cable connector 3-pole

- L Generator
- L1 Charging indicator
- L2 Neutral indicator
- LK Neutral indicator contact
- M Ignition magneto
- PH Rear side light "S"
- PV Front side light "S"
- S Tail, stop and license plate light
- SB Blinker "S"
- SD Electrical jack (socket)
- St Parking light
- T Speedometer lights

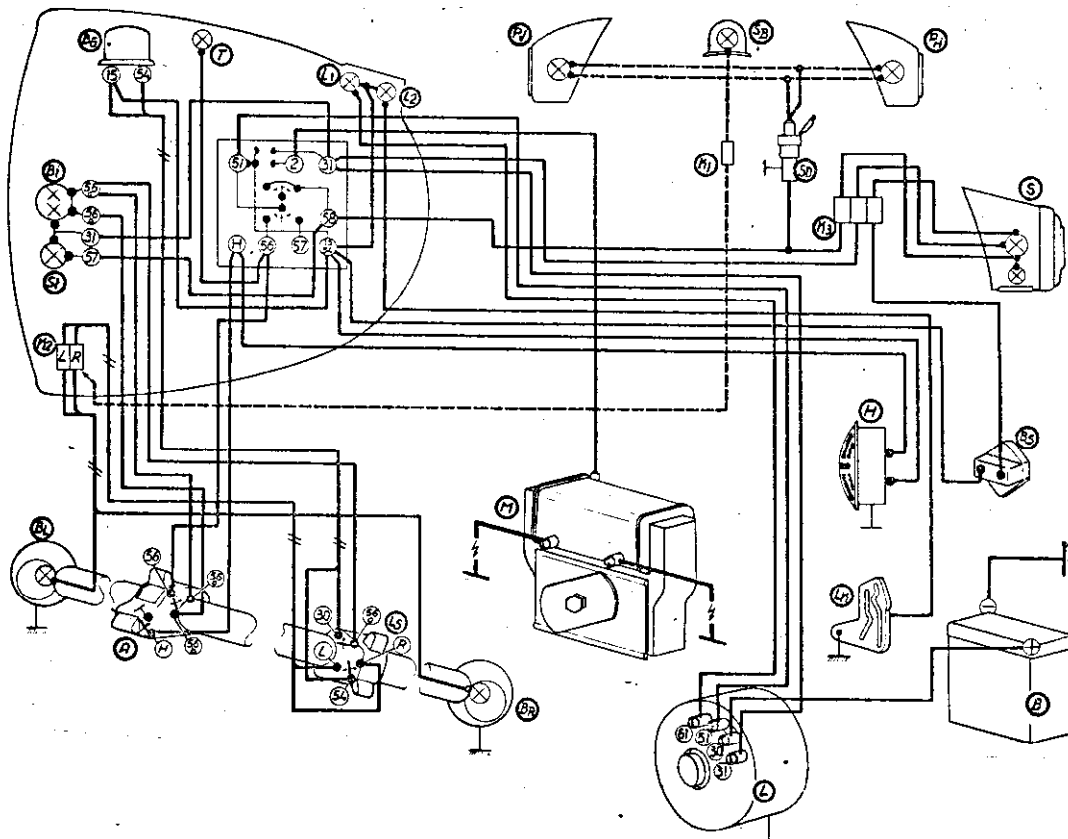
"S" : Sidecar

For sidecar operation, lead to sidecar blinker connected to K2 instead of the wiring to right-hand handlebar blinker!

Service Information
No. 1/66 (240) en.

Motorcycles R27/R50/R60/R69S
Group: Electrical system

Wiring diagram (Electric switches, original execution)



- A Dimmer switch with horn contact
- B Battery
- BG Flasher unit
- Bi Double filament bulb
- BL LH blinker
- BR RH blinker
- BS Stop light switch
- H Horn
- K1 Cable connector (1-pole) "S"
- K2 Cable connector (2-pole)
- K3 Cable connector (3-pole)
- L Generator

- L1 Charging indicator
- L2 Neutral indicator
- IK Neutral indicator contact
- LS Headlight flasher and blinker switch
- M Ignition magneto
- PH Rear side light "S"
- PV Front side light "S"
- S Tail, stop and license plate light
- SB Blinker "S"
- SD Electrical jack (socket)
- St Parking light
- T Speedometer lights

"S" : Sidecar

For sidecar operation, lead to sidecar blinker connected to K2 instead of the wiring to right-hand handlebar blinker!