

Service-Information



Service - Technical
R-VK-1 Les/pu/fm

Motorcycles R60/6-R90 S
Technical
Group: General Electric Syst.

Munich, Jan '77
61 001 77(1010R)e

Domestic and Abroad

SUBJECT: Hazard Warning Flashers

We are offering now for our /6 motorcycles a hazard warning flasher system as an attachment,

Part No. 61 31 1 243 077

in order to give riders an opportunity to make their motorcycle safer in road traffic and to warn other road users in case of breakdown.

Below please find an installation instruction (wiring diagram enclosed) according to which the system can be correctly installed (against charge).

1. Remove fuel tank.
2. Dismantle the headlight unit.
3. Pull out the main harness grommet from the headlight housing downwards.
4. Route line 61 12 1 243 071 of the hazard warning flasher system through the main harness grommet starting with the eight individual flat-type connectors.
5. Connect the blue/black and blue/red cable with the corresponding terminals of the connector plate within the headlight housing (connecting same colours with same colours).
6. Pull green/yellow flasher switch cable off the flasher terminal 49a, push on insulating sleeve, connect with the attached short green/yellow warning flasher line end and plug onto 49a.
7. Pull the green/black motorcycle main harness cable off flasher terminal 49, push on insulating sleeve and plug onto appropriate side of the diode provided.

Plug the two green/violet cables ending in a cable plug onto the now free flasher terminal 49.

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8. Connect the two green/black warning flasher cables ending in a plug with the second diode terminal.
9. Connect the red and the two brown cables ending in a flat plug sleeve with terminals 30 or 31 on the plug board; connect same colors with same colors.
10. After all necessary connections in the headlight housing are made, push the harness grommet into its bore.
11. Run the warning flasher line parallel with the main harness and connect with the two cable straps provided in the area of the lower fork bridge.
12. Run the line branch which is connected with the multiple plug parallel with the speedometer shaft upwards and mount it in the area of the steering lock, using a cable strap.
13. Mount the housing of the hazard warning flasher with the two clamps provided in the middle of the handlebar tube towards the front of the motorcycle.
14. Slide the warning flasher switch into the housing and connect multiple plug with the warning flasher line. Slide the protective cap over the push button.
15. Run the line branch with the four cable ends parallel to the main harness on the lefthand side of the oval frame main tube.

Plug the four flat sleeves into the relay provided as follows:

Green/violet	- terminal 87
Green/black	- terminal 85
Red	- terminal 30
Brown	- terminal 86

16. Remove the right mounting bolt of the starter relay on the lefthand side of the frame.

Mount strap 61 13 1 243 072 (belongs to the scope of delivery) with an M5 x 8 mushroom head bolt, spring disc and nut to the warning flasher relay so that the relay sheet strap is backed up by the upright twist protection of the mounting strap.

17. After having unscrewed the bolt, mount the starter relay together with the relay which has a strap beside the starter relay.

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18. Checking the operation: when the hazard warning flasher is switched on, flashing must continue when ignition is switched off. When the hazard warning flasher is switched off afterwards, it can only be put into operation again when the ignition is switched on.
19. Install the headlight unit; install the fuel tank.

Time required: **Approx. one hour.**

Sincerely yours,
BMW MOTORRAD GMBH
Munich
i.V.


Gonzalez

i.V.

Blank

Enclosure

Schaltplan
für Warnblinkanlage
Teile-Nr. 61 31 1 243 077

Wiring diagram
for hazard warning flasher
Part No. 61 31 1 243 077

Blinkerschalter

flasher switch

Warnblinkgeber

flasher transmitter

Scheinwerfer

headlight

Kontaktplatte

contact plate

Blinkerkontrolle

flasher check lamp

Diode

diode

Batterie

battery

Warnblinkschalter

warning flasher

Relais

relay

Querschnitt mm²

cross section mm²

Grundfarbe

basic color

Kennwendel

spiral code

Klemmen-Bez.

terminal

Klemmanschluß
(Leitungsende verzinnt)

terminal tag
(cable end tinned)

Schraubanschluß
(Kabelschuh)

screw connection
(cable shoe)

Rundsteckhülse

circular plug-in sleeve

Rund-Steckanschluß

circular plug

Flach-Steckanschluß

flat plug

Flachsteckhülse

flat plug-in sleeve

Kennzeichnung

identification

BL = blue

BR = brown

GE = yellow

GN = green

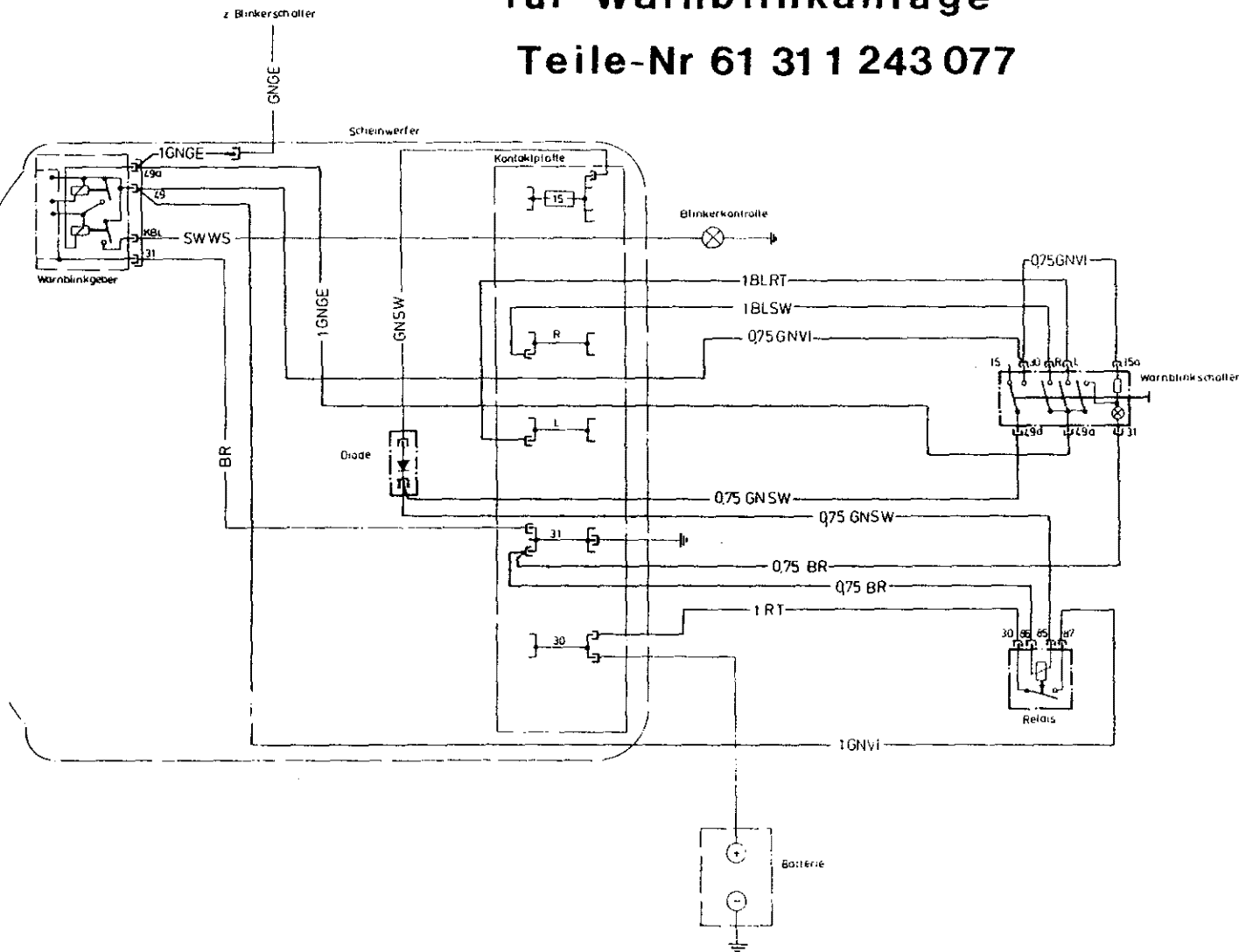
GR = grey

RT = red

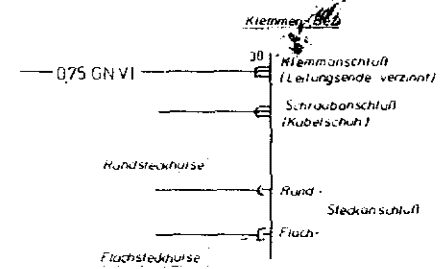
additional parts =====

existing parts

SCHALTPLAN für Warnblinkanlage Teile-Nr 61 31 1 243 077



Querschnitt mm²
Grundfarbe
Kennwendel



Kennzeichnung

- BL = blau
- BR = braun
- GE = gelb
- GN = grün
- GR = grau
- RT = rot
- SW = schwarz
- VI = violett
- WS = weiß

==== hinzukommende Teile
===== vorhandene Teile