



BAYERISCHE MOTOREN WERKE  
AKTIENGESELLSCHAFT

Rundschreiben der Abteilung Kundendienst

Motorcycles: Group Electrical Equipment No. 2/62 (192) e.

Munich, October 11, 1962  
KV2 ke/ma/wi/ho

Re: Subsequent installation of a turn signal and headlight  
flasher system into single and twin cylinder motorcycles

The subsequent installation of a turn signal and headlight flasher system into our single and twin cylinder motorcycles should be carried out in compliance with the below fitting instruction. It should be noted, however, that the fitting expenses vary between motorcycles of older types and those of more recent construction.

Necessary parts for motorcycles of more recent construction:

1 piece blinker (twin signal) switch	80 48 152
1 piece switch support	20 72 175
1 piece fillister-head screw	20 72 176
1 piece countersunk screw	99 00 030
2 pieces blinker light	80 54 159
2 pieces lamp	99 78 302
1 piece blinker unit	80 48 153
1 piece spacing washer	30 60 174
1 piece hex.-head nut	99 22 082
1 piece electric wiring ( with wires grey-red-green-black-blau) from headlight to blinker switch	80 60 109
1 piece wire connector ( 2-pole)	99 77 615
1 piece wiring (red) from ignition switch to blinker unit	99 76 464
1 piece electric wiring ( with wires blue and black) from headlight to blinker light, left and right	80 66 012

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2 pieces rubber grommets	80 50 550
1 piece headlight retaining screw	99 13 661
1 piece throttle twist-grip	20 72 353

To install the electrical leads, it is necessary to drill two holes of 11 mm (.44") each into the headlight nacelle, and one 6.7 mm (.26") hole into the handlebar tube, if not yet provided, according to the photo.

If the two threaded holes for the installation of the blinker switch are missing, exchange the throttle twist-grip against another featuring those threaded holes.

Sequence of operations:

Install

- 1.) the blinker lights,
- 2.) the blinker switch,
- 3.) the blinker unit

and connect the electric wires ( see page 4 ).

Re: 1.) Blinker lights

Remove

- a) the blinker light lenses,
- b) the large lateral countersunk screw (serves at the same time as bulb holder),
- c) the spring and the lamp socket.

On the handlebar ends, pierce the connection caps ( rubber caps ) laterally with a knife and cut them out according to the inner diameter of the handlebar tube, so that the blinker lights may be installed into the handlebar ends.

Route the two short ends of the wiring with the blue and the black lead through the rubber grommet beneath the indicator light ( red and green ) into the headlight.

Slip the two long wiring ends through the 6.7 mm hole into the middle portion of the handlebar tube.

Route the blue lead, viewed in driving direction, to the right, the black lead to the left, and push the rubber grommet of this wiring as anti-friction piece into the handlebar tube.

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Slide the black and the blue lead, respectively, each time through the pierced tapered retaining screw of the blinker light housing, stick the blinker light housing into the handlebar tube ( pay utmost attention to the anti-torsion device on blinker light housing and handlebar tube) and firmly tighten the tapered retaining screw.

Slip the pressure spring for the bulb socket over the wiring, connect the bulb socket, install both parts into the blinker light housing, pushing the wiring at the same time back into the handlebar tube.

Install and tighten the large lateral countersunk screw (serving also as lamp holder).

Insert a bulb and install the blinker lenses.

Re: 2. Blinker switch

Install the shaped plastic piece serving as pad for the switch, 20 72 175, upon the throttle twist-grip.

Connect wiring 80 60 109 to blinker switch as follows:

Lead grey	to terminal 56 a
lead red	to terminal 30
lead green	to terminal 54
lead black	to terminal L
lead blue	to terminal R.

Having connected these wires, install the blinker switch with a countersunk screw upon the throttle twist-grip. Route this wiring through the right-hand passage hole provided with a rubber grommet into the headlight, and connect.

Re: 3. Blinker unit

Replace the right headlight mounting screw, if necessary, with a new headlight mounting screw and in the headlight nacelle push the spacing washer into place, and fasten the blinker unit with the M 8 hex. nut.

Connect the electric leads.

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Connection of the electric leads:

The leads of the two-stranded wiring  
blue and black,

the leads of the five-stranded wiring  
blue-black-green-red-grey,

the single red lead,

should be connected as follows:

Two-stranded wiring:

Blue lead from blinker light, right, to two-pole wire connector  
in headlight.

Five-stranded wiring:

Blue lead (to blue lead) in headlight from two-pole wire con-  
nector to blinker switch terminal R,

black lead ( to black lead ) in headlight from two-pole wire  
connector to blinker switch terminal L,

green lead from blinker switch terminal 54 to blinker unit ter-  
minal 54,

grey lead from blinker switch terminal 56a to headlight bulb  
socket terminal 56a,

red lead from blinker switch terminal 30 together with the  
red single lead 99 76 464 from ignition switch (coming from  
terminal 15) to blinker unit terminal 15.

Checking the blinker and headlight flasher system

Insert the ignition key ( the red charge indicator light must  
light up),

move blinker toggle switch from its zero position upwards,  
(left blinker flashes),

move blinker toggle switch from its zero position downward  
( right blinker flashes).

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Operating the upper push-button flashes the high-beam light.

Supplement

When installing blinker lights on a sidecar machine, no blinker light should be mounted on the right handlebar.

Connection

In the headlight housing, connect the single lead 99 76 427 (two meters long) to the terminal provided for the right blinker light of the handlebar, route the lead along the main wiring to the snap-on connection fitted on the sidecar and connect with one lead to the blinker light.

Very truly yours,  
BAYERISCHE MOTOREN WERKE  
Aktiengesellschaft

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Photo

