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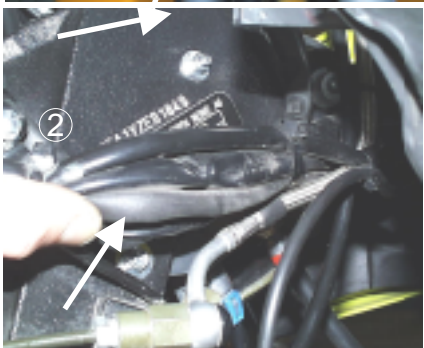
Installation Auxilliary Xenon Headlight BMW R1100 / R850 GS

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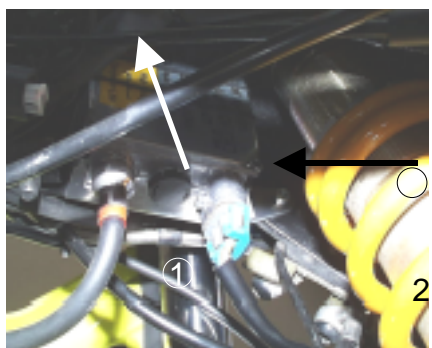
Parts Included:

- 1x xenon auxiliary headlight
- 1x mount for auxiliary headlight
- 1x mount for controller
- 1x mount for relay
- 1x screw hex M5x16
- 1x screw hex M5x20
- 1x screw hex M5x20 LiKo
- 1x screw hex M5x25 LiKo
- 1x screw hex M6x12 LiKo
- 2x screw hex M6x25

- 2x cap nuts M5
- 1x nut self-locking M6
- 2x washers for M5
- 2x washers for M6
- 6x washers for M6
- 2x spacers 12x6x5
- 3x adapter ring eye
- 7x cable strap 130 mm
- 3x cable strap 290 mm
- 1x O-ring
- 1x cable connector



View of framework (steering head)



View from underneath into the steering head
(suspension strut mounting)

1

1. Assembly of the auxiliary headlight:

Screw the auxiliary headlight to the mount with two M6 screws using one washer each. The 'Hella' inscription must be readable from the front. Then screw the two front screws with those the upper fender fastened are out. Here the auxiliary headlight is screwed on with the enclosed screws M6x25, a spacer and a washer.

The auxiliary headlight can be aligned after assembly by gently shifting the two long holes.

2

2. Assembly of the mount for the controller:

Separate the plug connection for the horn and unscrew the horn including the support plate (a nut SW13). Remove the cable strap (1) on the right side at the framework. The mount for the controller is then pushed in from underneath on the right (in driving direction) beside the shock strut. The cutouts for the cables in the mount should now face down (see also fig. NR. 3).

The upper drilling (2) is for the screw M5x25 (or LiKo M5x20) and the other drilling for the screw M5x20 (or M5x16). From the inside push the screws through and fasten with one washer M5 and a cap nut. Both screws should set firmly with the cap nut (2). In each case two screw lengths are included in order to adjust tolerance.

3

3. Hooking up the controller:

The controller of the auxiliary light is brought over the lower fender to the steering head (for cable routing see fig. Nr.1) and then down into the mount and secured with the O-ring. The O-ring (1) is stretched front to rear over the two latches.

The plug (2) for the power supply can be put into the controller now. The horn is re-attached and easily rotated back into place.



4 4. Attachment of the relay:
Remove the seat and the tank of your motorcycle. The mount for the relay uses a screw M6x12 and the nut is self-locking M6. The mount with the relay is then screwed onto the mount of the Motronic (computer of the motorcycle) on the left side with the original screws. Pay attention to the connector, which is fastened with the lower screw. The routing of cables takes place from the relay to the battery, and then on the right side under the tank forward to the controller of the auxiliary light.



5 5. Attachment of the fuse holder:
The fuse holder of the auxiliary light is fastened above the left mount of the seat with a cable strap (130 mm). Use the fuse for protection now only if the entire electrical connection of the auxiliary headlight is wired.



6 6. Electrical connection:
Please disconnect the positive connection of your battery before beginning the work! Disconnect the battery ground connection. Use only the provided set of cables. At the relay the cables with the lugs are attached as follows:
85: brown
86: yellow/grey
87: blue
30: red
The red line (from the fuse holder) is screwed with an adapter ring eye directly onto the positive terminal of the battery. The two brown lines (one of the relay and one from the plug of the controller) are fastened with one adapter ring eye each at the ground connection of the battery (see also fig. NR. 4). The cables can be shortened to the necessary length. Tighten the screws of the battery poles, make sure that only the positive terminal is now screwed on! The yellow/grey line attaches to the cable connector (as in the fig. NR. 6 shown) directly to the white line (current feed for the high beam) in the white/transparent plug under the tank. Please put the 15 A fuse into the fuse holder and reconnect the battery ground and test the operability of the auxiliary headlight. Afterwards tank and seat can be installed again.