



Instructions for the Installation

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K 1200 RS E-Handlebar

Instructions for the Installation of E-Handlebar

Because the electronic handlebar is connected to the bike's electrical system whose due function has to be guaranteed under all circumstances, it is recommended that you have it installed in a specialist workshop.

In addition, a longer brake hose has to be fitted and BMW specialist workshops have all the equipment needed to carry out this task correctly.

For the 2001 K 1100 RS (2002 in the USA) you should definitely not carry out this task yourself.

Workshop Fitting Instructions

Here are the workshop instructions for the installation of the electronic handlebar.

1. Loosen the existing handlebars and remove the handlebars.
2. Remove the BMW handlebar adapter.
3. Attach the MV e-handlebar. Note that you will need to run the clutch and throttle cables behind the handlebar when pulling down the left-hand standpipe.
4. Detach the existing brake hose (right side) and fit the longer hose (supplied).
There is enough coiled up cable available
5. Now connect the electronic handlebar into the bike's electrical wiring just behind the ignition (switch).
Push the supplied socket onto the plastic crosspiece (link) that juts out from the inner wall of the lining.
This is done with the help of a metal sheet resembling a drawer. After that it is fastened with a knurled screw.
6. The movement of the handlebars is controlled by two potentiometers. These may indeed need to be synchronised. This is best carried out after the handlebar has been fitted and switched from high to low several times.
7. It is possible that the bars may get out of synch after long trips. This can be caused by grit or other fouling of the shafts on which the bars move. You should spray these regularly using the Teflon spray supplied with the kit. This will keep the movement clean and smooth. While you are spraying the Teflon, activate the handlebar mechanism.



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Operating the Electronic Handlebar:

Control mechanisms are integrated into the mechanism to ensure that the handlebar operates correctly. You can operate it without taking your eyes from the road.

A thermal overload protection switch cuts off the electrical supply to the handlebar if the handlebar switch is kept pressed when the bar is at the top or bottom of its range.

This cancels itself automatically and the handlebars are set to zero the next time the switch is pressed.

The electric motors which control the movement of the handlebars have been manufactured by the renowned Faulhaber Company.

They are miniaturized, ultra-high precision mechanisms which use an epicyclical gear train to transmit and control the output of the motors.

They have a diameter of only 23 mm.

These features allow them to be integrated into your bike as inconspicuously as possible.

Because the motors are small and, therefore, of limited power, we recommend that you do not risk overloading them by operating the mechanism while leaning heavily on the bars.

Similarly, maintain approximately equal pressure on each handlebar when operating the mechanism. This will ensure that they remain in synch.

Follow these recommendations and your electronic handlebar will have a long life.

We wish you many enjoyable motorbike trips with your new handlebar.

For your information, a patented footrest with similar functionality is being designed and will be available in the near future.