

Shift light universal

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WHY a shift light?

You don't have to look at the rev counter while driving and you always have a full view of the traffic in front of you! You can see the bright LED light and shift into the next gear without having to take your eyes off the road, whether it's a street or a race track. You can focus on more important things. Overspeeding of the engine is avoided, which protects the engine of your machine and your wallet!

This is not a cheap comparator circuit that is highly inaccurate over temperature differences. The shift light works with a counter that processes the pulses from the rev counter, ignition coil or camshaft sensor.

Assembly

1. Determine the installation position of the black housing

The black housing should be installed in a water-protected place.

2. Mount the LED cluster

The waterproof LED cluster can be mounted anywhere within the driver's field of vision. It is fixed and fastened by a screw on the back. To facilitate assembly, all cables are connected inside the black housing with a screw terminal. Remove the 4 case screws and open the cover.

Caution: Reconnect the wires exactly as they were removed!

Incorrect connection can lead to the destruction of the Schaltblitz-Universal!

3. Connect cable

Only three cables need to be connected to the shift light!

black (3) >>> to ground

red (1) >>> on connected plus

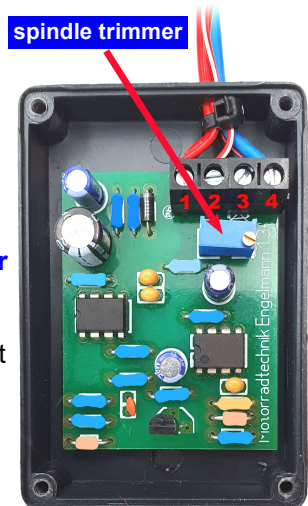
blue (4) >>> to the tachometer cable, the ignition coil or the camshaft sensor

4. Test shift light

Switch on the ignition to test, the engine does not have to be running. On the circuit board in the black housing there is a small blue rotary control (spindle trimmer).

There is a small slotted screw at the top of this knob. The optimal engine speed for shifting is set here with a suitable screwdriver. Now turn the small screw to the left until the LED cluster lights up.

If the LED cluster lights up, everything is correct up to here!



5. Set switch-on speed

The further the rotary control is turned to the right, the higher the speed that lights up the LED cluster again. Now turn the screw a few turns to the right.

Start the engine and alternately increase the engine speed and turn the screw to the right.

Carry out this adjustment until the desired speed, e.g. 11,000 rpm, is reached and the ultra-bright LED cluster lights up.

6. Close the housing

Screw in the 4 housing screws and fasten the housing securely.

Have fun with the Shift Light Universal! Made in Germany by motorradtechnik-engelmann!

Technical specifications:

Electronics housing: 70 mm x 52 mm x 22 mm

Tension: 12V

Consumption: 16 - 50 mA

Weight: 85 g

Setting range: von 0 - 13000 U/min

LED cluster waterproof:

Diameter: 26 mm

Length: 40 mm

LED red: 15 x 5 mm

Cable: ca. 2000 mm

Please note that all information is subject to technical changes!

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