



Bulb series 24 V Double Power

General points

This new generation of 24 V bulbs has been developed for the significant improvement of visibility conditions on the roads at night. This has now been achieved thanks to the so-called "single-coil technology". The advantages of these new bulbs are:

- A considerably higher light output, i.e. the luminance in the 50-100 metre range is significantly higher when compared with previous bulbs.
- Depending on the bulb type, service life is increased by up to 100%.
- Increased robustness.
- Longer intervals between replacement.
- Better illumination of the road.

Design and function

In contrast to standard bulbs, these bulbs only have one coil (see Fig. 1 and Fig. 2). The photos clearly show that this new technology achieves a significantly greater coil density, which is one of the reasons for the increased light output. An even more precise coil position within the bulb generates a much more homogeneous pattern of luminance. There is a decisive increase in service life thanks to the even distribution of temperature over the whole coil. Optimization of the coil suspension significantly reduces susceptibility to vibrations, impact and sympathetic vibration from the engine.



Fig. 1
H7 Double Power with
"single-coil" technology



Fig. 2
H7 standard bulb with
conventional double coil.

The following bulb types are available:

H1	24V 70W	Hella part no.: 8GH 002 089-491
H3	24V 70W	Hella part no.: 8GH 002 090-471
H4	24V 75/70W	Hella part no.: 8GJ 002 525-511
H7	24V 70W	Hella part no.: 8GH 007 157-231
H11	24V 70W	Hella part no.: 8GH 008 358-251