

BMW TIS online

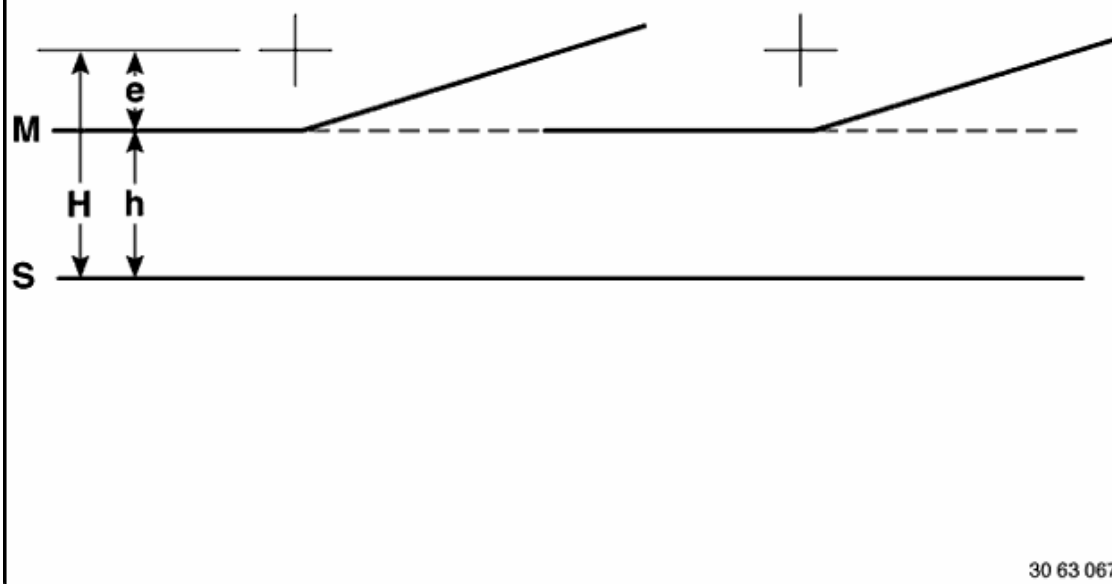
Technical and background information on BMW cars and Mini

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Prerequisites for headlight adjustment



- Place the vehicle on a level surface.
- Replace damaged lenses and mirrors, as well as blackened bulb.
- Check and adjust tire pressure.
- Create a burden on the driver's seat (approx. 75 kg).
- Fill a full tank car or put in the trunk load with the appropriate weight.
- Check for proper installation of headlights with respect to the hood (clearance).
- Manual system headlight range adjustment: Turn the setting dial to 0.
- Automatic system headlight range control: When the headlights wait approx. 30.
- Version with xenon headlights: After turning on headlights wait approx. 80. At this time, the vehicle must be stationary and not subject to vibrations.
- Exhibit a device for adjusting the longitudinal axis of the vehicle parallel to the plane on which the vehicle stands. Set risk (M) on the unit size (e). Division of the scale on the unit indicate a bias in cm at a distance of 10 m.



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The boundary of light and shadow on the device to adjust the headlights

E Set point adjustment range:

- On the rating plate on the lamp housing in% (eg 1.0% = 10 cm / 10 m = 10 on the unit to adjust the headlights).

Setpoint adjustment fog lamps:

- All vehicles 2.0% = 20 cm / 10 m = 20 on the unit to adjust the headlights.

H is the height of the light beam above the middle plane of the car installation

HH - e = height of the label above the plane of the installation of the car

+ Center mark = center beam headlamps

M-risk device for headlight adjustment

S mounting plane of the car and the device to adjust the headlights

Setting dimension (e) is valid only for EUR. Comply with the requirements adopted in the country.