

Don't remove the lights - they are adjusted while in the car. There are two white adjusting screws on top of the headlights, one for vertical and the other for horizontal alignment. They can be adjusted with a Philips-head screwdriver. Follow the instructions in your 2001 manual; the procedure is more or less the same (except for the part about the bubble in the water-level that is built into pre-02 headlights; your bi-xenons don't have those). Make sure you have a flashlight handy - those adjusters are hard to see in the dark.

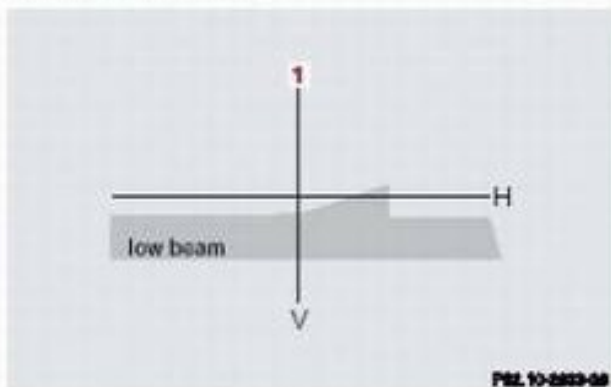
You can also find good instructions here:

<http://www.danielsternlighting.com/tech/aim/aim.html>

redeye has attached this image :

<http://www.MBNZ.org>

#### Adjusting headlamp aim



Correct headlamp adjustment is extremely important. To check and readjust a headlamp, follow steps 1 through 7.

Please note:

- High beam adjustments simultaneously aim the low beam.
- Vehicle should have a normal trunk load.

1. Park vehicle on level surface approximately 6 inches (152 mm) from a vertical test screen or wall. The centerline of the vehicle must be at a 90° angle to the test screen.

2. (High beams on):

Using a carpenter's level, align and mark a vertical centerline (1) on the test screen for each headlamp lens at a distance of  $25\frac{3}{4}$  inches (654 mm) from the vertical centerline. As a check, the distance between centerlines should be  $51\frac{1}{2}$  inches (1308 mm). The star emblem on the hood may be used to determine the vehicle centerline. If the distance does not check, have the system verified at an authorized Mercedes-Benz Light Truck Center.

3. Move vehicle on the level surface 25 feet (7.6 m) straight back from the wall.

4. Open hood.

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## Exterior lamps

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## 5. (High beams on):

Simultaneously turn adjusting screws (1 and 2 on page 282 or 283) counterclockwise to adjust headlamp downward, clockwise upward) equally until bubble in the level (7 on page 282) is centered on the "0" mark.

Graduations:

screw 1: 0.50° pitch,

screw 2: 0.67° pitch.

## 6. Horizontal headlamp aim (High beams on):

Turn adjusting screw (2) (left headlamp: counterclockwise to adjust to the left, clockwise to the right [right headlamp in opposite direction]) until the headlamp (high beam pattern) is centered about the vertical centerline (1) as shown.

The left and right headlamps must be adjusted individually.

## 7. For proper aim, the indicator (8 on page 282) should align with the "0" mark after horizontal adjustment.

Graduations: 0.33° pitch.

Note:

If it is not possible to obtain a proper headlamp adjustment, have the system checked at your authorized Mercedes-Benz Light Truck Center.

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