

Volkswagen Cabriolet DIY Guide

Aiming The Headlights

Tools needed:

- Philips screwdriver
- 25-foot measuring tape
- Yardstick and/or wood/plastic ruler (optional)
- Masking tape
- Pen and paper

Parts needed:

- Light-colored wall with at least 25 feet of flat, level area in front of it
- Half or full tank of gasoline
- Correct tire pressure

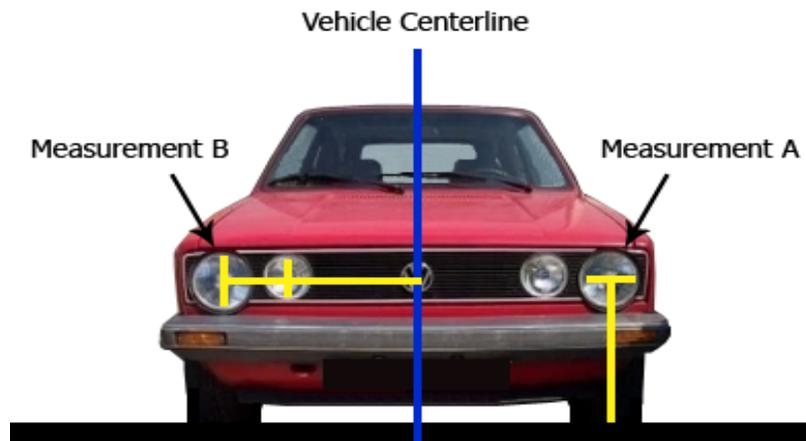
Note: Depending on the grille installed on your car, it may need to be removed, in whole or in part, to gain access to the adjusting screws. Inner high-beam lights, if installed, may not be adjustable.

Step 1

While at home, take the following measurements and write them down:

Measurement A: From the ground to the center of one headlight.

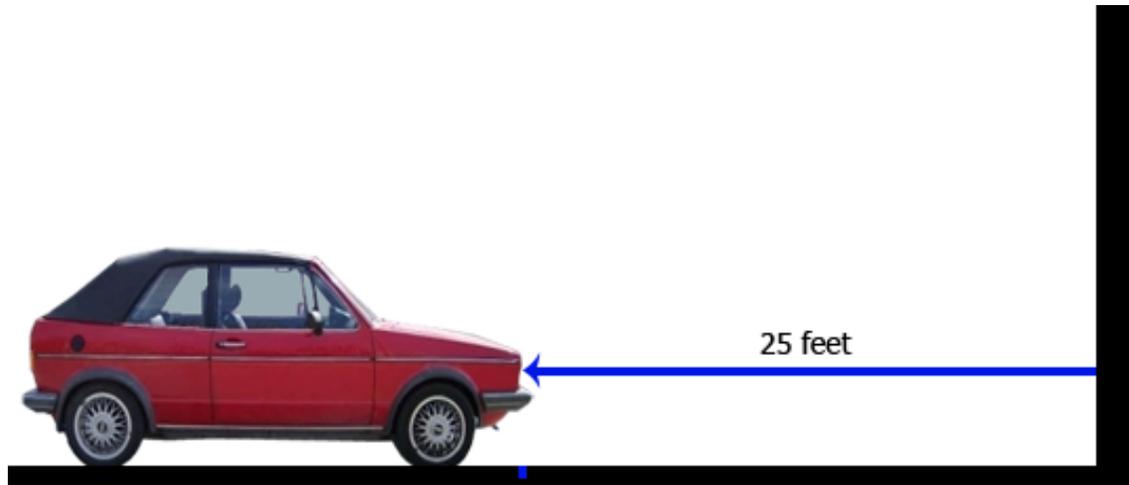
Measurement B: From the center of one headlight to the vehicle centerline. (If your Cabriolet has a dual-round set-up, also measure from the center of an inner high-beam light to the vehicle centerline.)



Step 2

Grab your pen and measurements and drive to a flat, level surface, at least 25 feet in length, adjacent to a vertical light-colored wall. Pull the car straight up to the wall, as close as possible without touching the wall. Using masking tape, mark a vertical line on the wall corresponding to the centerline of the vehicle (this is done most precisely using a yardstick or ruler and extending it from the center of the grille emblem to the wall).

Once the vehicle's centerline has been marked on the wall, grab your measuring tape and extend it 25 feet from the wall. Either lock the measuring tape into place, or mark the 25 foot point with some masking tape. Back the car up in a straight line until the headlights meet up with your 25 foot mark; i.e. the headlights should be 25 feet from the wall.



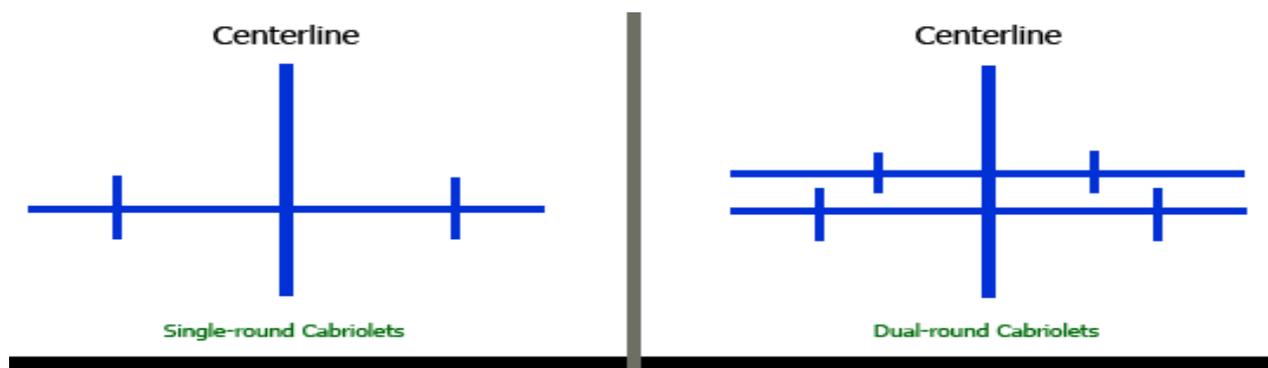
Step 3

Single-round (two-headlight) Cabriolets:

Using your masking tape, draw a horizontal line at a height exactly **2 inches lower** than Measurement A made in Step 2. On the horizontal line, make one vertical line on each side of the centerline at the distance of Measurement B from the vehicle centerline.

Dual-round (four-headlight) Cabriolets:

In addition to the above single-round instructions, draw an additional horizontal line, this one being **at** the height made in Measurement A in Step 2. On this line, make vertical lines on each side of the centerline at the distance of Measurement B (for the inner lights) from the vehicle centerline.



Step 4

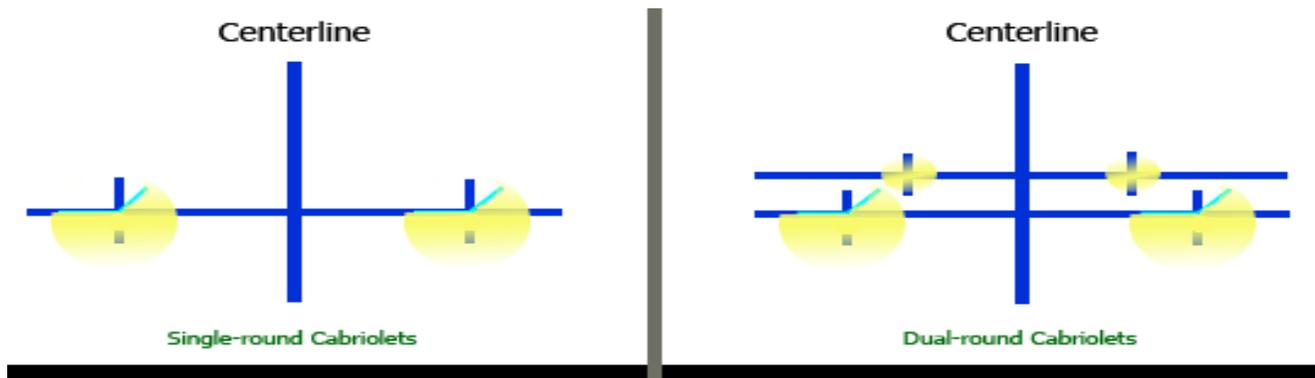
Low-beam lights usually have a distinct horizontal cutoff: below the cutoff is bright light, above the cutoff is dark.

Single-round Cabriolets:

Turn the headlights on and, using your Philips screwdriver, adjust the vertical aim of the headlights so that the top horizontal cutoff of each of the beams is located along the horizontal line drawn on the wall. Adjust the horizontal aim of the low-beams so that the point at which the top cutoff of the beam begins to slope upwards and is located at the vertical marks made in Step 3. If no cutoff is visible, aim the low-beam lights so that the lights' "hotspots" are on their respective vertical centerlines or two inches to the right of the lines, and at the horizontal line or slightly below.

Dual-round Cabriolets:

In addition to the above single-round instructions, adjust the inner high-beam lights so that the center of the illuminated region is located at the cross formed by the upper horizontal line and the vertical marks made in Step 3 above.



Location of adjusting screws:



* * Remember, **you** are responsible for working on **your** car; Cabby-Info.com, KamzKreationz, VAG, VWoA, or anyone else are not responsible if **anything** goes wrong while **you** are working on, in and under **your** car!
Use this information at your own risk!* *