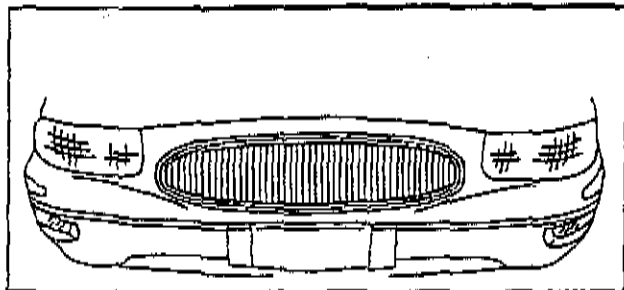


Supplement to the 2000 Buick LeSabre Owner's Manual

This information replaces the "Headlamp Aiming" portion located in Section 6 in your owner's manual.

Headlamp Aiming



Horizontal and vertical aiming of your headlamps is done visually and requires the use of a wall (e.g. garage door) located at the end of a level surface approximately 40 to 45 feet (12.2 to 13.7 m) long by 12 feet (3.6 m) wide. The aim has been preset at the factory and no further adjustment should be needed.

If your vehicle is damaged in an accident, the headlamp aim may be affected. Aim adjustment to the low beam may be necessary if it is difficult to see lane markers (for horizontal aim), or if oncoming drivers flash their high beams at you (for vertical aim). If you believe your headlamps need to be re-aimed, we recommend that you take your vehicle to your dealer for service; however, it is possible for you to re-aim your headlamps as described in the following procedure.

Item 99062

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1

NOTICE:

To make sure your headlamps are aimed properly, read all the instructions before beginning. Failure to follow these instructions could cause damage to headlamp parts.

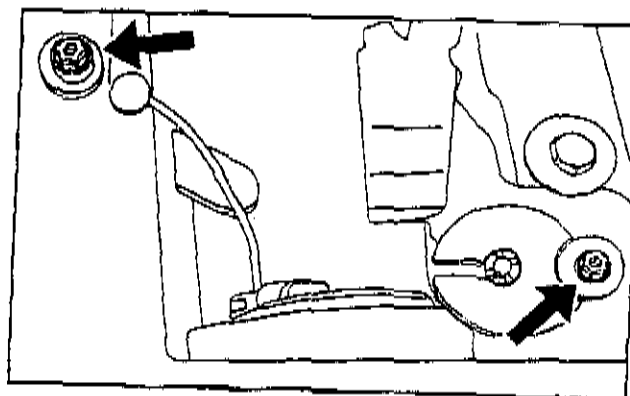
To check the aim, the vehicle should be properly prepared as follows:

- The vehicle must be placed so the headlamps are 25 ft. (7.6 m) from a light colored wall or other flat surface (e.g. garage door).
- The vehicle must have all four tires on a perfectly level surface. If necessary, pads may be used on an uneven surface.
- The vehicle should be placed perpendicular to the wall or other flat surface and with the front wheels straight ahead.
- The vehicle should not have any snow, ice or mud attached to it.
- The vehicle should be fully assembled and all other work stopped when headlamp aiming is being done.

- There should not be any cargo or loading of the vehicle, except it should have a full tank of fuel and one person or 160 lbs. (75 kg) on the driver's seat.
- Close all doors.
- Tires should be properly inflated.
- Rock the vehicle to stabilize the suspension.

Headlamp aiming is done with the low-beam headlamps. The high-beam headlamps will be correctly aimed if the low beams are aimed properly.

The headlamp aiming adjustment screws are under the hood near the headlamps.



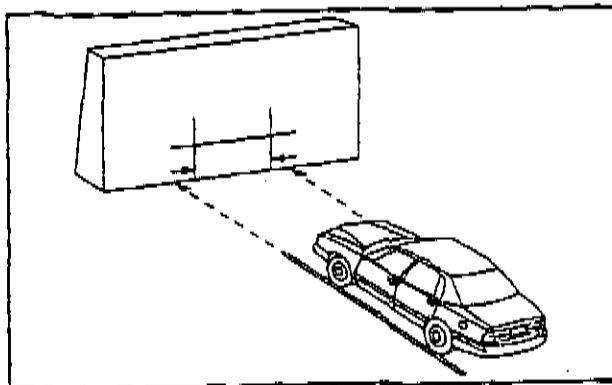
2

Headlamp Horizontal Aiming

NOTICE:

Horizontal aiming must be performed before making any adjustments to the vertical aim. Adjusting the vertical aim first will result in an incorrect headlamp aim.

1. At the bottom of the wall or other flat surface, place a small piece of masking tape directly in line with the outboard sidewall of the left front tire.



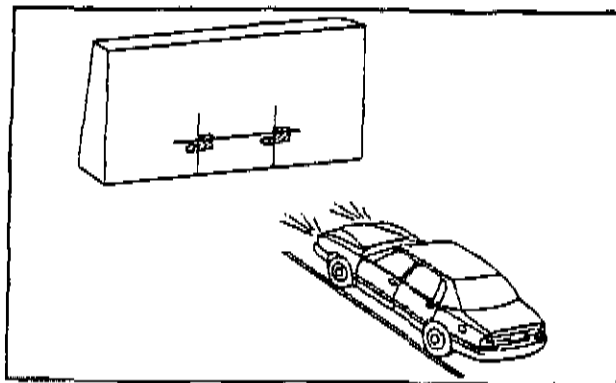
2. From this location, measure 5 inches (13 cm) to the right and place another small piece of masking tape at the bottom of the wall or flat surface.
3. From this location, place and extend a piece of masking tape approximately 48 inches (122 cm) long straight up from the ground.
4. At the bottom of the wall or other flat surface, place a small piece of masking tape directly in line with the outboard sidewall of the right front tire.
5. From this location, measure 5 inches (13 cm) to the left and place another small piece of masking tape at the bottom of the wall or flat surface.
6. From this location, place and extend a piece of masking tape approximately 48 inches (122 cm) long straight up from the ground.
7. Measure 24 inches (61 cm) up from the ground on both the right and left vertical lines. Apply a small piece of masking tape to mark both measurements.
8. Extend a long piece of masking tape horizontally between the two vertical lines at the 24 inch (61 cm) level.

3

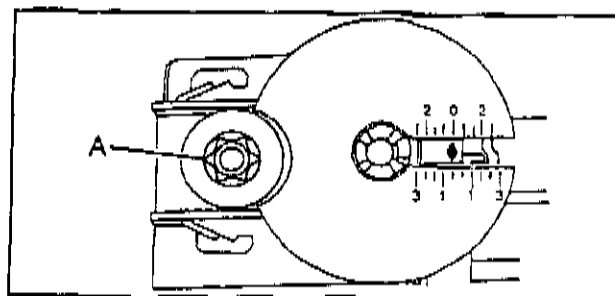
NOTICE:

Do not place anything directly on the headlamp to cover it when aiming. Covering a headlamp may cause excessive heat build up which may cause damage to the headlamp.

9. Turn on the low-beam headlamps and place a piece of cardboard or equivalent in front of the right headlamp. This should allow the beam cut off of the left headlamp to be seen on the flat surface.



10. Turn the horizontal aiming screw (A) for the left headlamp until the beam is aimed to the vertical tape line as shown.



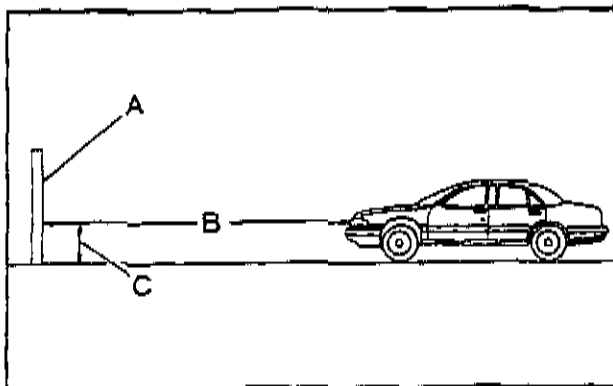
11. Remove the cardboard from in front of the right headlamp and place it in front of the left headlamp. This should allow the beam cut off of the right headlamp to be seen on the flat surface.
12. Turn the horizontal aiming screw for the right headlamp until the beam is aimed at the vertical tape line as shown.

4

Headlamp Vertical Aiming

NOTICE:

Horizontal aiming must be performed before making any adjustments to the vertical aim. Adjusting the vertical aim first will result in an incorrect headlamp aim.



- A. Wall or Garage Door
- B. 25 feet (7.6 m)
- C. 24 inches (61 cm)

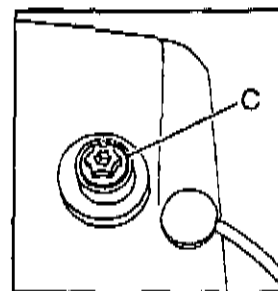
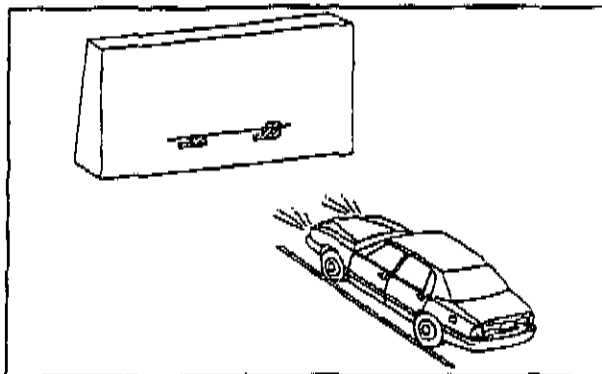
1. Using a tape or equivalent, measure from the floor upwards a distance of 24 inches (61 cm) and place a piece of masking tape on the flat surface directly in front of the left headlamp.
2. Make the same measurement and place a piece of masking tape on the flat surface directly in front of the right headlamp.
3. Extend a long piece of masking tape horizontally across the width of the flat surface at the measured distances. At this point you should have a level horizontal line of masking tape that is 24 inches (61 cm) from the floor across the width of the flat surface.

NOTICE:

Do not put anything directly on the headlamp to cover it when aiming. Covering a headlamp may cause excessive heat build up which may cause damage to the headlamp.

5

4. Turn on the low-beam headlamps and place a piece of cardboard or equivalent in front of the right headlamp. This should allow the beam cut off of the left headlamp to be seen on the flat surface.



5. Turn the vertical aiming screw (C) for the left headlamp until the beam is aimed to the horizontal tape line as shown.

6. Remove the cardboard from in front of the right headlamp and place it in front of the left headlamp. This should allow the beam cut off of the right headlamp to be seen on the flat surface.
7. Turn the vertical aiming screw for the right headlamp until the beam is aimed at the horizontal tape line as shown. When properly aimed the top of the right headlamp cut off beam should be about 2 inches (5.0 cm) above the horizontal tape line.

6