

6. **NOTE:** Use a 2.4 m (8 ft) section of masking tape for the horizontal reference line.

- For vehicles with headlamp bulb center heights below 95 cm (37.5 inches), place the horizontal reference line equal to the headlamp bulb center height.
- For vehicles with headlamp bulb center heights between 95 cm - 105 cm (37.5 - 41.5 inches), place the horizontal reference line at the headlamp bulb center height minus 1.3 cm (0.5 inch).
- For vehicles with headlamp bulb center heights above 105 cm (41.5 inches), place the horizontal reference line at the headlamp bulb center height minus 2.5 cm (1.0 inch).

7. **NOTE:** Carry out this procedure in a dark environment to effectively see the headlamp beam pattern.

Turn the low beam headlamps on to illuminate the wall or screen and open the hood.

8. **NOTE:** The cut off of the beam pattern is the horizontal line of the beam pattern where there is MAXIMUM change between light and dark.

On the wall or screen, locate the cut off of the beam pattern.

VOR-type headlamps

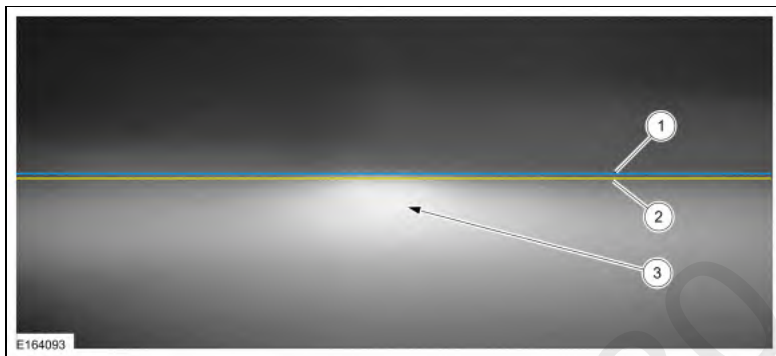
NOTE: Procedure applies to both left and right headlamps with VOR molded on lens.

9. **NOTE:** The appearance of the VOR beam pattern may vary between vehicles.

There is a distinct cutoff in the right portion of the beam pattern.

10.

- 1 - Horizontal reference line
- 2 - Cut off
- 3 - High intensity zone



11. **NOTE:** Align one headlamp while covering the other headlamp.

Align the headlamps to the horizontal reference line. Adjust the headlamp as necessary using the headlamp adjusting screw.

12. Repeat the previous step for the remaining headlamp.

VOL-type headlamps

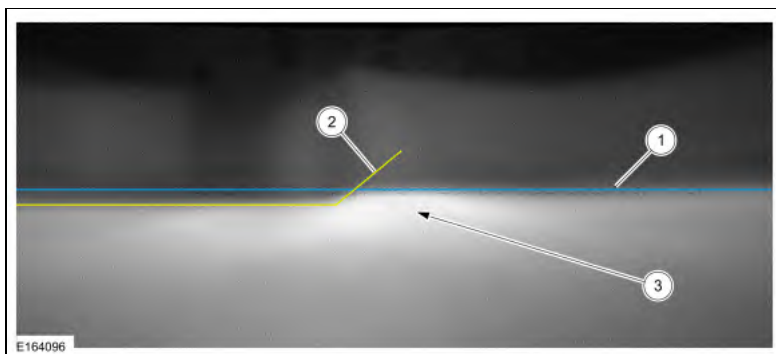
NOTE: Procedure applies to both left and right headlamps with VOL molded on lens.

13. **NOTE:** The appearance of the VOL beam pattern may vary between vehicles.

For VOL-type headlamps, there is a distinct cutoff in the left portion of the beam pattern. The edge of this cutoff should be positioned 5 CM (2 in) below the horizontal reference line.

14.

- 1 - Horizontal reference line
- 2 - Cut off
- 3 - High intensity zone



15. **NOTE:** Align one headlamp while covering the other headlamp.

Align the headlamps to the horizontal reference line. Adjust the headlamp as necessary using the headlamp adjusting screw.

16. Repeat the previous step for the remaining headlamp.