

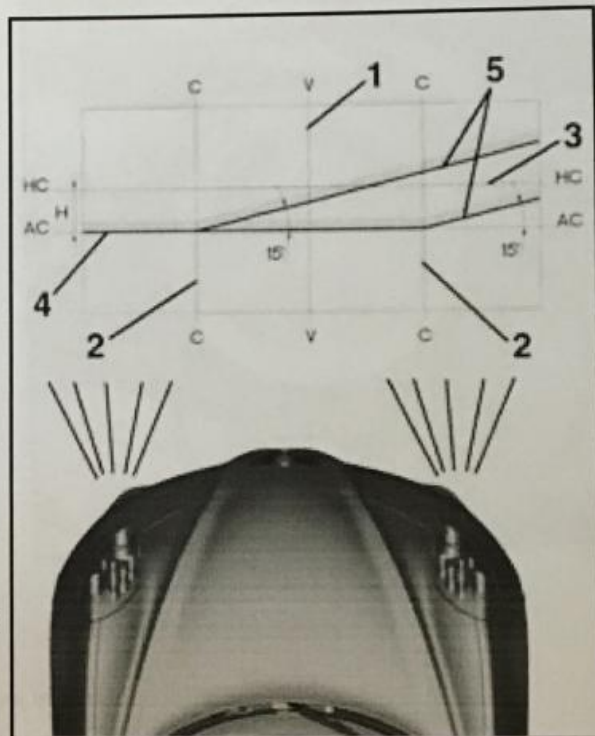
08 - Electrical/8L - Lamps and Lighting/Lamps/Lighting - Exterior/Standard Procedure

HEADLAMP/LIGHT CLUSTER LIGHT BEAM - POSITION

1. Arrange the car complete with tools, fluids, fuel reserve and driver on board.
2. Check that the tire inflation pressure is correct.
3. Move the headlamp aiming to "0" position.

4. Place the vehicle on a flat surface, perpendicular to a screen with an opaque surface 10 metres away on which the following lines are traced.

5. V-V: vertical, corresponding to the line of the vehicle's plane of symmetry.
6. C-C: lines drawn through vertical planes passing through the light cluster reference centres.
7. HC-HC: horizontal, corresponding to the ground clearance of the light cluster reference centres.
8. AC-AC: horizontal below the HC-HC line by 10 cm.
9. Lines sloped by 15° as illustrated in the diagram.

**Switch on the dipped headlamps.**

- **Vertical Adjustment** - Adjust the vertical adjustment screw for the light cluster so that the horizontal section of the demarcation line between the dark zone and the area lit up by the light band is aligned with the line AC - AC traced on the screen.

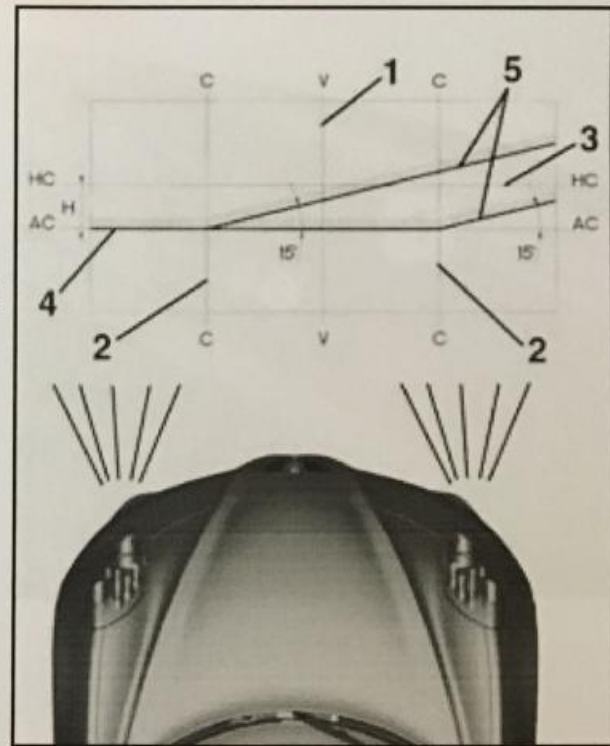
- **Horizontal alignment** - Adjust the horizontal adjustment screws for the light cluster so that the point where the two horizontal and inclined demarcation lines cross with the point where lines C - C and AC - AC cross on the screen is aligned.



SPIDER

1. Arrange the car complete with tools, fluids, fuel reserve and driver on board.
2. Check that the tire inflation pressure is correct.
3. Move the headlamp aiming to "0" position.
4. Place the vehicle on a flat surface, perpendicular to a screen with an opaque surface 10 metres away on which the following lines are traced.
5. V-V: vertical, corresponding to the line of the vehicle's plane of symmetry.

6. C-C: lines drawn through vertical planes passing through the light cluster reference centres.
7. HC-HC: horizontal, corresponding to the ground clearance of the light cluster reference centres.
8. AC-AC: horizontal below the HC-HC line by 10 cm.
9. Lines sloped by 15° as illustrated in the diagram.



Switch on the dipped headlamps.

- **Vertical Adjustment (1)** - Adjust the vertical adjustment screw for the light cluster so that the horizontal section of the demarcation line between the dark zone and the area lit up by the light band is aligned with the line AC - AC traced on the screen.



- **Horizontal alignment (2)** - Adjust the horizontal adjustment screws for the light

cluster so that the point where the two horizontal and inclined demarcation lines cross with the point where lines C - C and AC - AC cross on the screen is aligned.

