

ADJUSTMENT

1. HEADLIGHT AIM ONLY

- (a) Place the vehicle in the following conditions.
 - The area around the headlight is not deformed.
 - The vehicle is parked on a level surface.
 - Tire inflation pressure is the specified value.
 - A driver is in the driver's seat and the vehicle is in a state ready for driving (with a tank full).
 - The vehicle has been bounced several times.
- (b) Check the headlight aiming.
 - (1) Prepare a thick white paper.
 - (2) Stand the paper perpendicular to the ground at the position 3 m (9.84 ft) away from the headlights.
 - (3) Ensure that the center line of the vehicle and the paper face forms a 90-degree angle as shown in the illustration.
 - (4) Draw a horizontal line (H line) on the paper, showing where the headlights should strike.
 - (5) Draw a vertical line (V line) to where the center line of the vehicle is to be.
 - (6) Draw 2 vertical lines to where the both headlights should strike (V RH and V LH lines).
 - (7) Draw a horizontal line (by connecting the both low beam center marks) to where the headlights should strike (H RH and H LH lines).

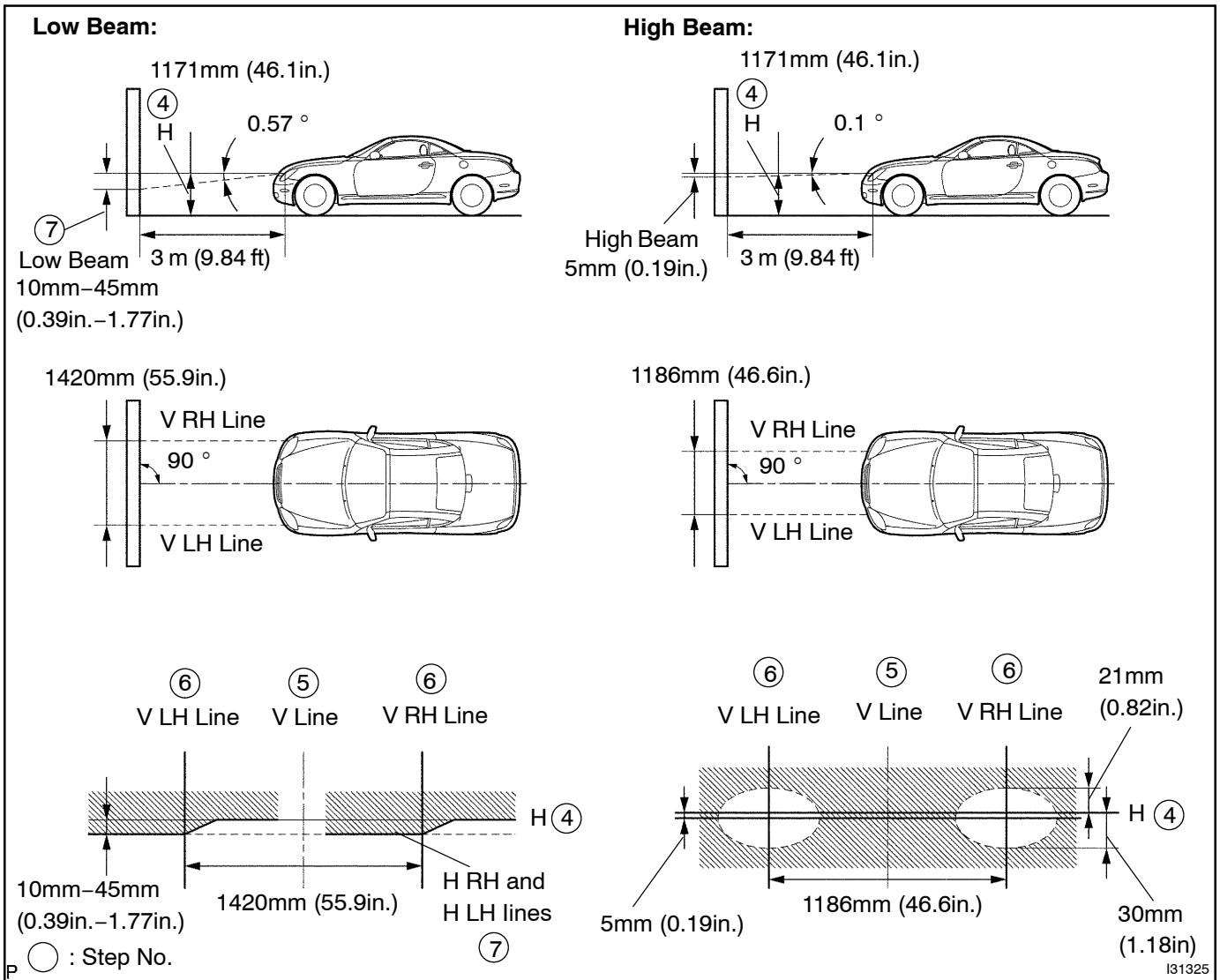
HINT:

The H RH and H LH line is 0.57° below the horizontal line (H line) of the light axis.

- (8) Take appropriate measures to prevent influence of other lights.

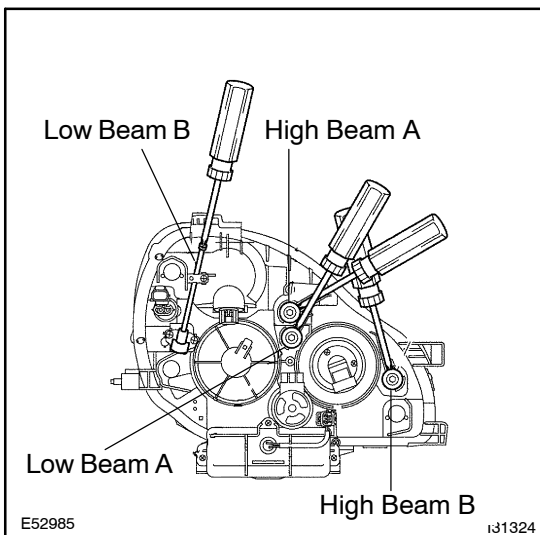
NOTICE:

- **Disconnect connectors of the other lights so that the aiming adjustment will not be affected. When connecting the connectors again, take care not to make the aiming out of adjustment.**
- **If covering the headlights, finish it within 3 min. Note that the headlight lens is made of synthetic resin and can be affected by heat.**
 - (9) Start the engine.
 - (10) Turn the headlights ON.
 - (11) Check that the headlights properly strike the position shown in the illustration.
 - (12) If not, adjust the lights in the vertical direction.



HINT:

As shown in the illustration, adjust each aim of the RH and LH lights.



- (c) When adjusting it in the vertical direction:
 Using adjusting bolt A, adjust the headlight aim to within the specified range.
- (d) When adjusting it in the horizontal direction:
 Using adjusting bolt B, adjust the headlight aim to within the specified range.

HINT:

Rotating a screwdriver clockwise makes the optical axis aim downward and rotating counterclockwise makes it upward.