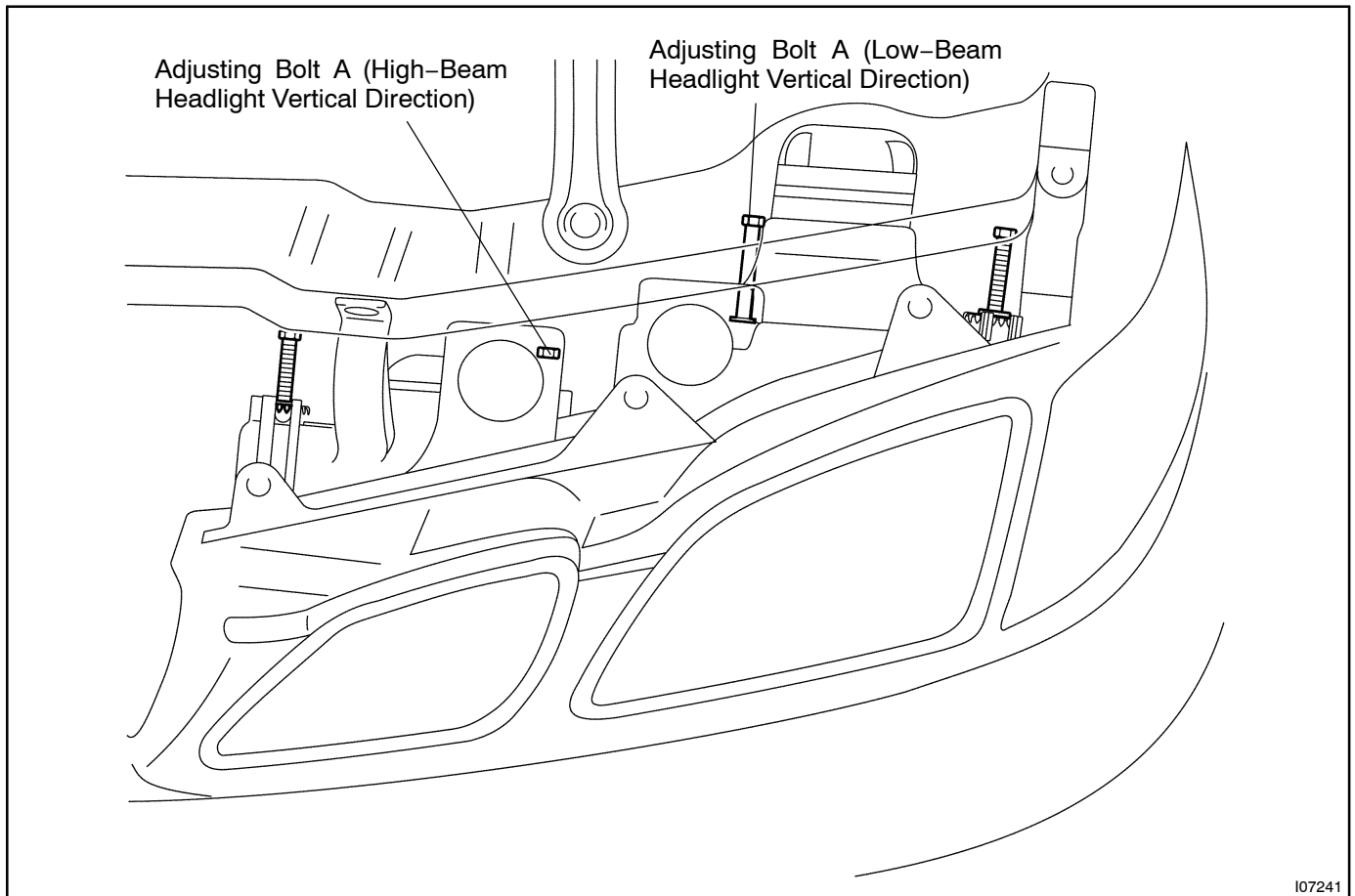


## ADJUSTMENT



I07241

### ADJUST 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 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  $0.4^\circ$  below the horizontal line (H line) of the light axis.

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

**NOTICE:**

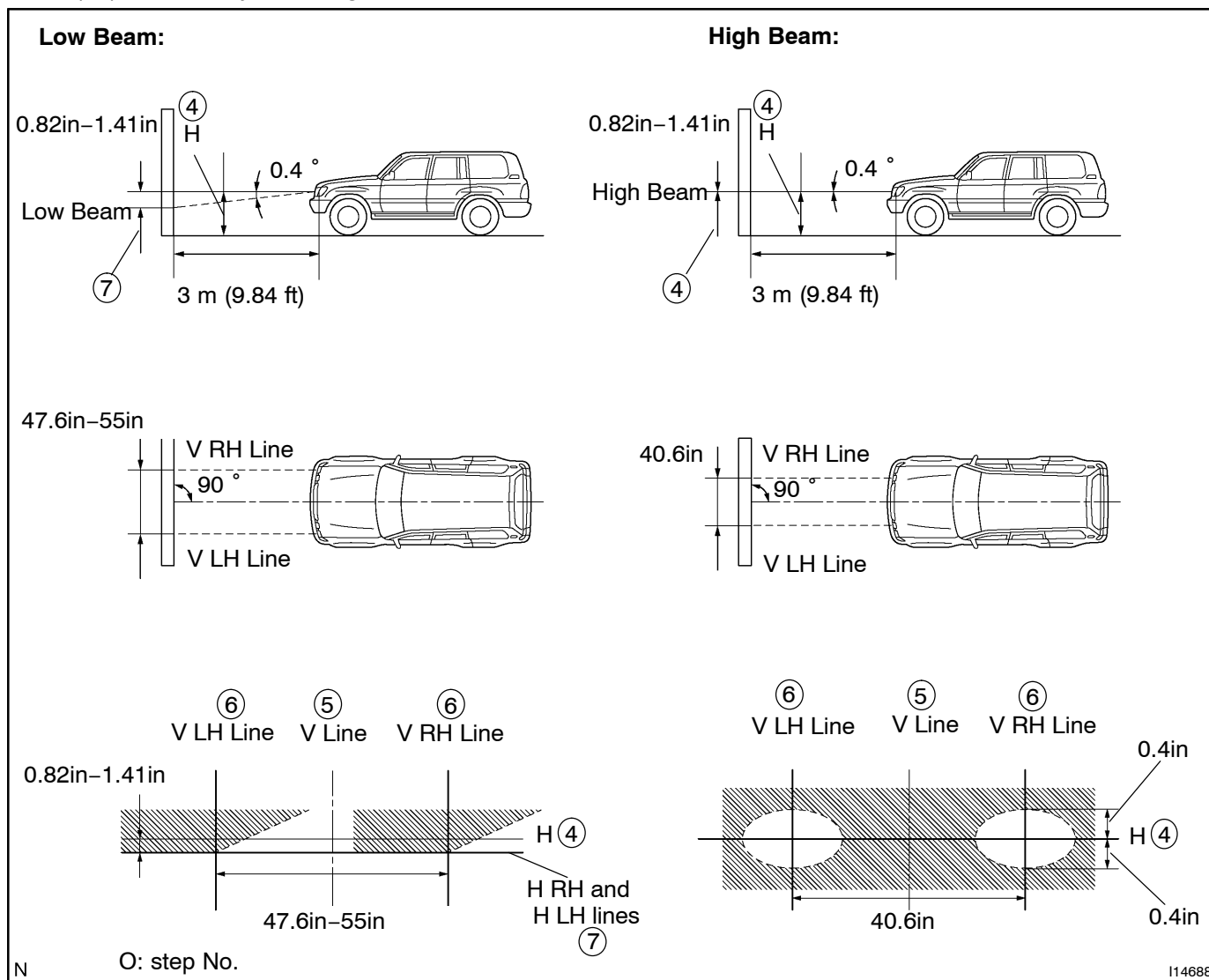
- **Disconnect connectors of the other lights so that the aiming adjustment will not be affected. When connecting the connectors again, take care not to make the aiming out of adjustment.**
- **If covering the headlights, finish it within 3 min. Note that the headlight lens is made of synthetic resin 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.