

ADJUSTMENT

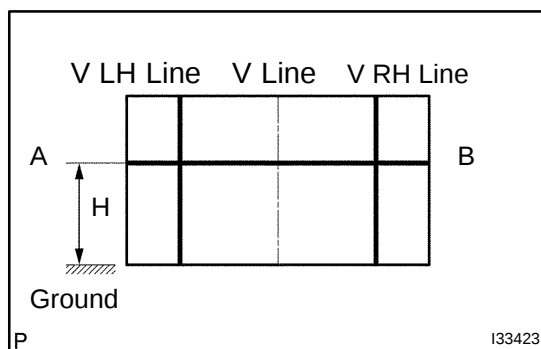
1. HEADLIGHT AIM ONLY

HINT:

- Perform aiming adjustment with Low-beam.
 - Since the Low-beam light and the High-beam light is a unit, if aiming on either side is proper, the other side should also be proper.
- However, check the both beams just to make sure.

(a) Prepare vehicle in the following conditions.

- Any damages or deformation do not exist around the headlight.
- Fuel is full.
- The tire inflation pressure is on the specified level.
- Vehicle is parked at the level surface.
- A person with standard weight sits on the driver seat.
- Vehicle is bounced up and down to stabilize the suspension to the normal position.



(b) Prepare a thick white paper (Draw a based line).

HINT:

- Use to stand the paper perpendicular.
- The based line differs in "Low-beam inspection" and "High-beam inspection".

(1) H line (Headlight height)

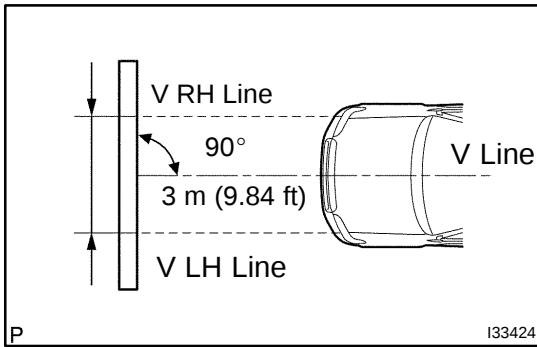
For the vehicle, when checking the height from the ground to the center mark of Low-beam (or High-beam), draw a horizontal line A-B at the height of Low-beam (or High-beam).

(2) V LH line, V RH line (Center mark position of right and left head lamp)

Draw vertical lines V LH and V RH at the positions of the center mark of the right and left Low-beam (when checking Hi-beam, draw vertical lines V LH and V RH at the positions of the center mark of the right and left Hi-beam).

(3) V line (Vehicle Center position)

At the middle of the V LH line and V RH line, draw a V line to align the center of the paper with the center of the vehicle.



(c) Check the headlight aiming.

(1) Align the paper with the vehicle position.

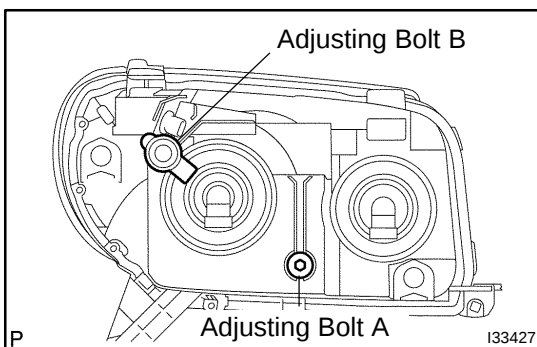
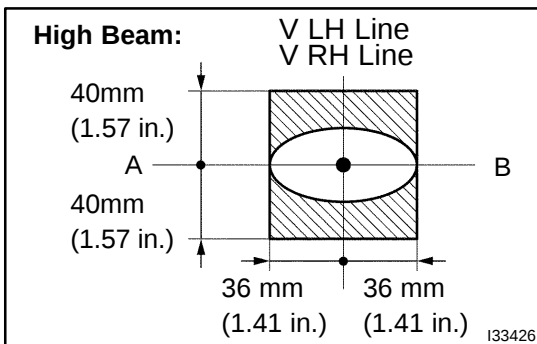
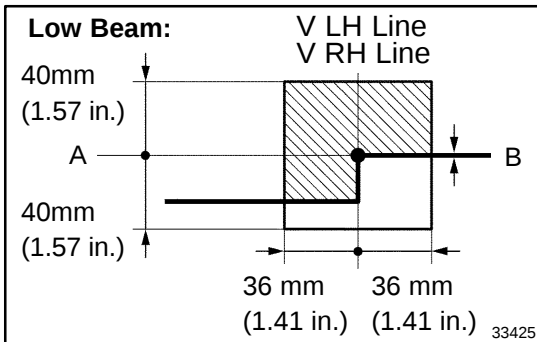
- Make the distance of 3 m (9.84 ft) between the head lamp and the paper, and put the paper on the wall with the H line being at the height of the center mark.
- Align the center line of the vehicle with the V line on the paper, and make the center line of the vehicle and the paper 90 degrees.

(2) Start the engine.

(3) Turn on the headlight and check that the aiming is between the specified values valve shown in the illustration.

HINT:

When checking the aiming of the High-beam, shut off the Low-beam or disconnect the Low-beam head lamp connector so that the Low-beam does not interrupt.



(d) When adjusting the aiming in the vertical direction.

(1) Using adjusting bolt A, adjust the headlight aim to the specified range.

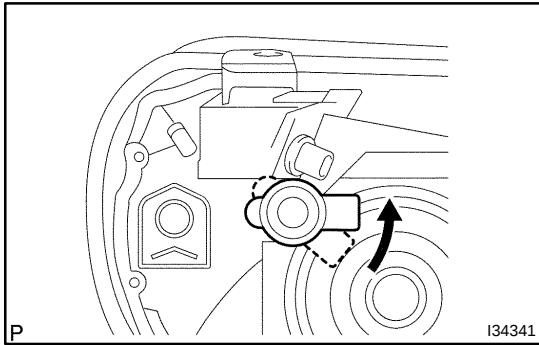
HINT:

The optical axis aim moves downward when turning a screwdriver clockwise and moves upward when turning a screwdriver counterclockwise.

(e) Only when replacing the headlight:

When adjusting the aiming in the horizontal direction.

(1) Using adjusting bolt B, adjust the headlight aim to the specified range.



- (f) Only when replacing the headlight:
Lock the headlight aiming cap as shown in the illustration.

NOTICE:

- After adjusting the headlight aim by using the adjusting bolt B, turn the adjusting bolt cover to lock the bolt.
- If the bolt cannot be locked by turning the cover, it means that the headlight aim is not adjusted correctly.