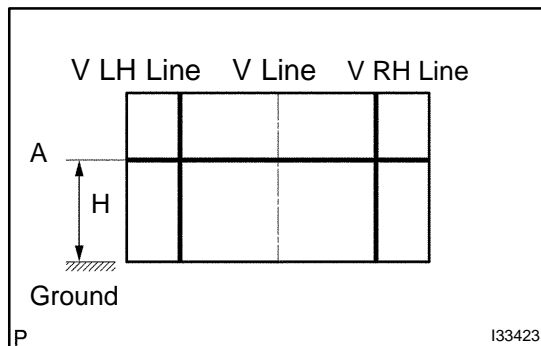


ADJUSTMENT

1. HEADLIGHT AIM ONLY

HINT:

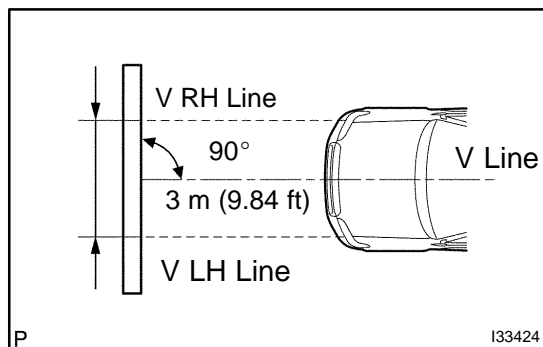
- For adjustment of headlight aiming, perform with Low beam.
 - The Low-beam light or High-beam light is a unit, if either aiming of them is proper, the other must also be proper. However, check the both beams just to be sure.
- (a) Prepare vehicle in the following conditions.
- Any damages or deformations does not exist at the body around the headlight.
 - Fuel is full.
 - The tire inflation pressure is the specified level.
 - Inspect with the vehicle parked at the level surface.
 - Have a person with standard weight sit on the driver seat.
 - Bounce the vehicle up and down to stabilize the suspension to the normal position.



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

HINT:

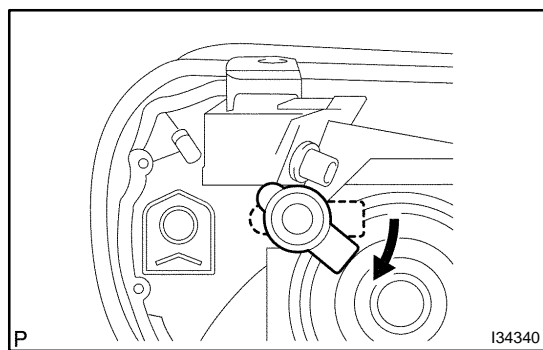
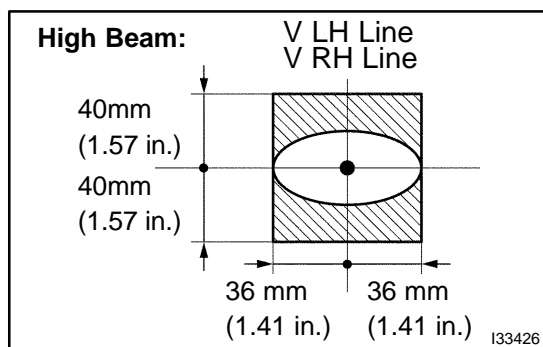
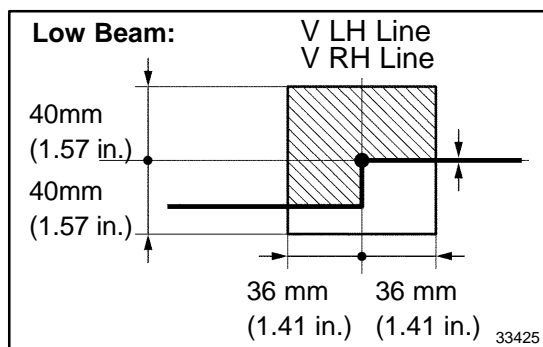
- Use to stand the paper perpendicular.
 - The based line differs in "Low-beam inspection" and "High-beam inspection".
- (1) H line (Headlight height)
For the vehicle, when checking the height from the ground to the center mark of Low-beam (or High-beam), draw a horizontal line A-B at the height of Low-beam (or High-beam).
- (2) V LH line, V RH line (Center mark position of right and left head lamp)
Draw a V LH line and V RH line in the width of the center mark of the right and left Low-beam (when checking High-beam, draw a V LH line and V RH line in the width of the center mark of the right and left Hi-beam).
- (3) N line (Vehicle Center position)
At the middle of the V LH line and V RH line, draw a line to align the center of the paper with that of the vehicle.



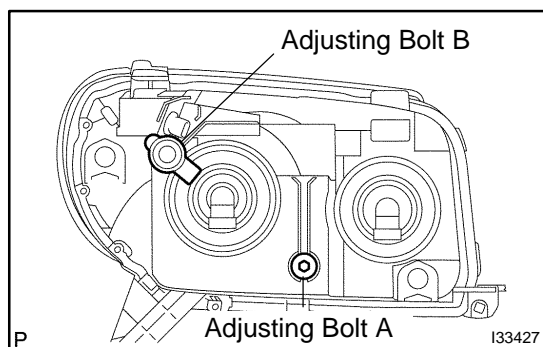
- (c) Check the headlight aiming.
- (1) Align the paper with the vehicle position.
 - Make the distance of 3 m (9.84 ft) between the head lamp and the paper, and put the paper on the wall with the H line being at the height of the center mark.
 - Align the center line of the vehicle with the V line on the paper, and make the center line of the vehicle and the paper 90 degrees.
 - (2) Start the engine of the vehicle with air suspension.
 - (3) Turn the headlight on and check that the aiming is between the specified value shown below.

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) Unlock the headlight aiming cap as shown in the illustration.

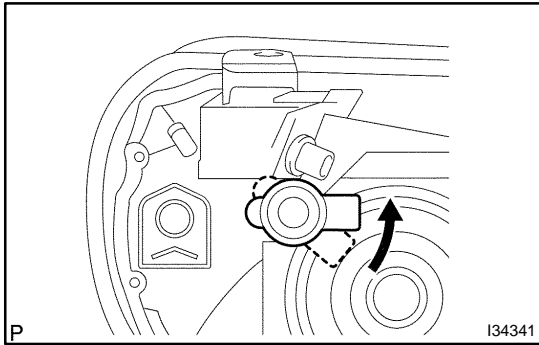


- (e) When adjusting the aiming in the vertical direction.
- (1) Using adjusting bolt A adjust the headlight aim to the specified range.

HINT:

Rotating a screwdriver clockwise makes the optical axis aim downward and rotating counter clockwise makes it up ward.

- (f) When adjusting the aiming in the horizontal direction.
- (1) Using adjusting bolt B, adjust the headlight aim to the specified range.



(g) 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.