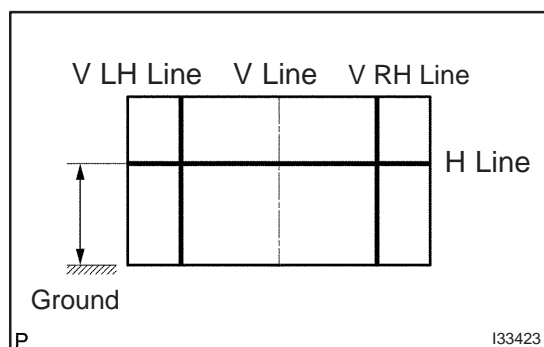


ADJUSTMENT

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 connect, the other side should also be connect.
However, check both beams just to make sure.
- (a) Prepare vehicle in the following conditions.
- Check that any damage or deformation does not exist on the body around the headlights.
 - Fuel tank is full.
 - The tire inflation pressure is at the specified level.
 - Vehicle is parked at a level surface.
 - A person having an average weight sits in the driver's seat.
 - Vehicle is bounced up and down to stabilize the suspension to the normal position.



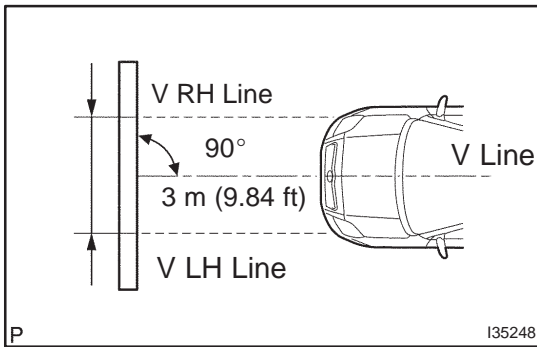
- (b) Prepare a thick white paper (Draw base lines).

HINT:

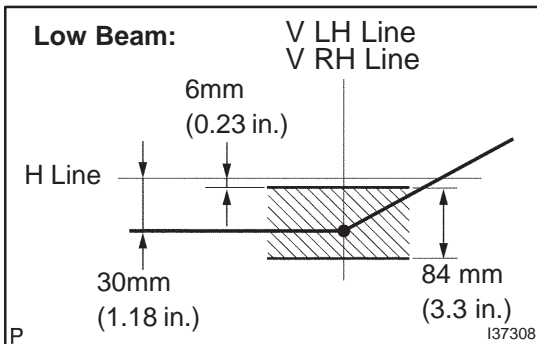
- Stand the paper perpendicular as against a wall.
 - The base lines differ for "Low-beam inspection" and "High-beam inspection".
- (1) V line (Vehicle Center position)
Draw a vertical line down the center of the paper in order to align it with the center of the vehicle.
- (2) H line (Headlight height)
Draw horizontal line across the paper at the same height from the ground as the center mark for the Low-beam lights.
- (3) V LH line, V RH line (Center mark position of right and left headlights)
Draw vertical lines, for left & right, at the same position as the center mark for the Low-beam lights.

HINT:

Follow the same procedures when adjusting the High-beam lights.



- (c) Check the headlight aiming.
- (1) Align the paper with the center of the vehicle.
 - Make a distance of 3 m (9.84 ft) between the headlights and the paper, and put the paper against a wall with the H line being at the same height as the center mark.
 - Align the center of the vehicle with the V line on the paper, and ensure that the paper is at a 90° angle in accordance to the V line.



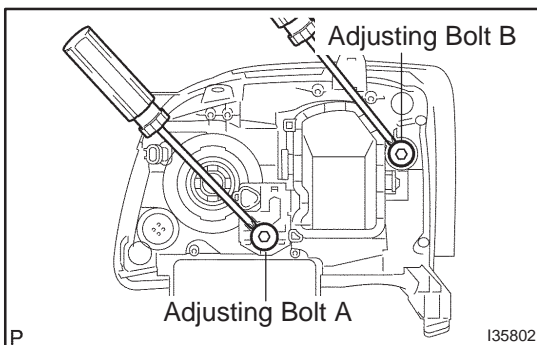
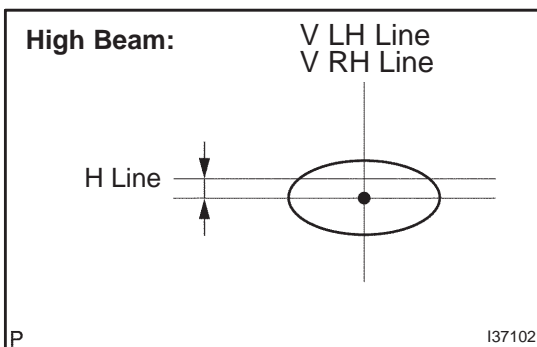
- (2) Start the engine.
- (3) Turn on the headlights and check that the aim is with in the specified valves shown in the illustration.

NOTICE:

- **When covering the headlights, finish it within 3 minutes.**
- **The headlight lens is made of synthetic resin, so it is easily.**

HINT:

When checking the aiming of the High-beam, shut off the Low-beam or disconnect the Low-beam headlight connector.



- (d) Adjust the aim in the vertical direction:
- Using a screwdriver, adjust the headlight aim within the specified range by turning the aiming screw A.

NOTICE:

- **Adjust the headlight aim by turning the screw in the tightening direction.**
- **When the screw is tightened excessively, loosen it once and re-tighten it to adjust the headlight aim.**

HINT:

The optical axis aim moves downward when turning the screwdriver clockwise, and it moves upward when turning the screwdriver counterclockwise.

- (e) Adjust the aim in the horizontal direction:
- Using a screwdriver, adjust the headlight aim within the specified range by turning the aiming screw B.

NOTICE:

- **Adjust the headlight aim by turning the screw in the tightening direction.**
- **When the screw is tightened excessively, loosen it once and re-tighten it to adjust the headlight aim.**