

ADJUSTMENT

1. HEADLIGHT AIM ONLY

HINT:

- Perform aiming adjustment with Low-beam.
- Since the Low-beam light and the High-beam light are a unit, if aiming on either side is correct, the other side should also be correct.

However, check both beams just to make sure.

- 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. (See page [TW-1](#))
 - Vehicle is parked at a level surface.
 - A person having an average weight (68 kg) sits in the driver's seat.
 - Vehicle is bounced up and down to stabilize the suspension to the normal position.

- 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".

- 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.

- H Line (Headlight height)

Draw a horizontal line across the paper at the same height from the ground as the center mark for the Low-beam lights.

- 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:

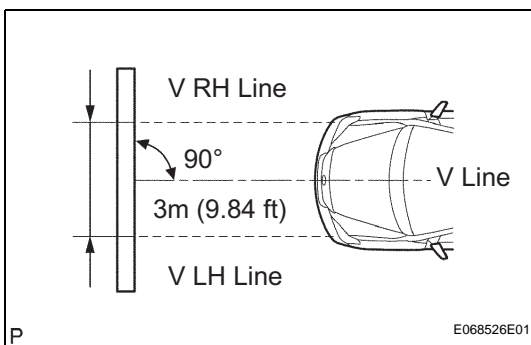
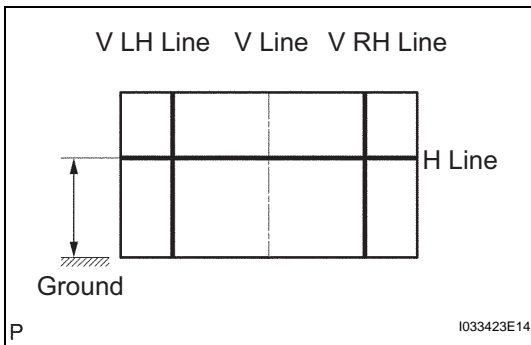
Follow the same procedures when adjusting the High-beam lights.

- Check the headlight aiming.

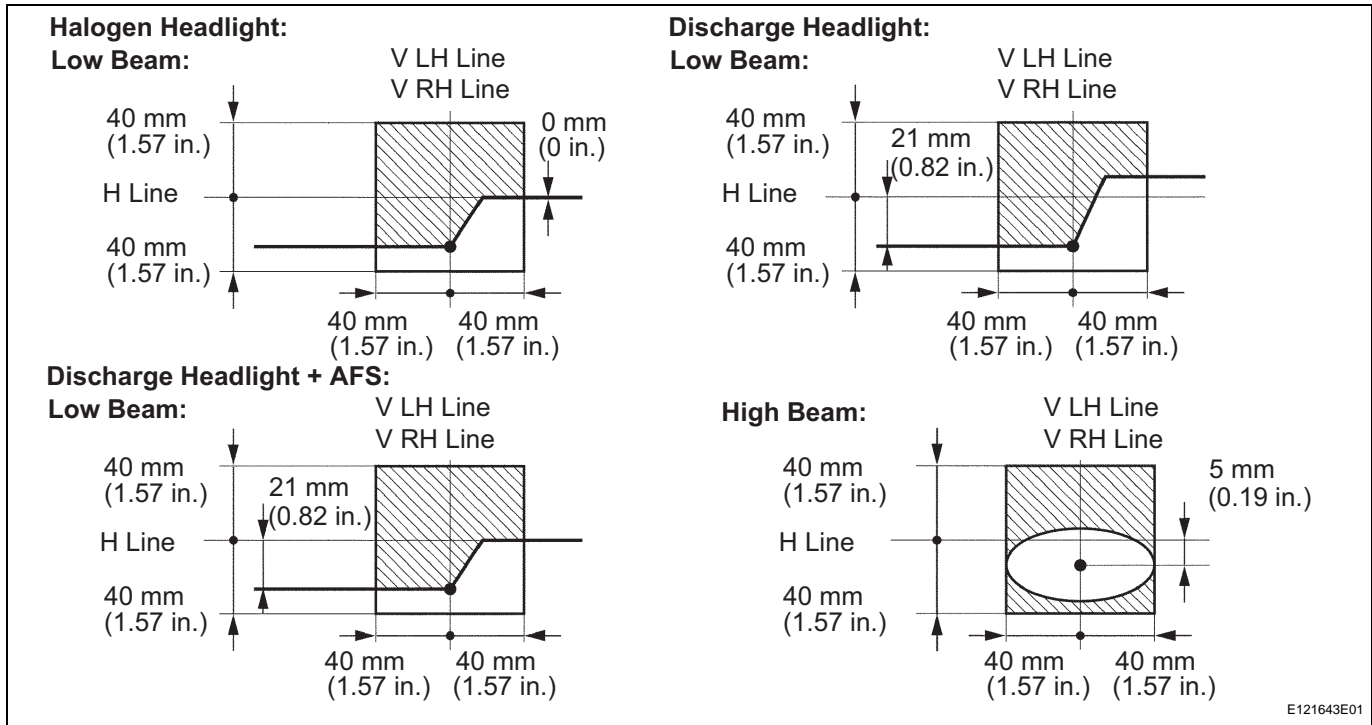
- Align the paper with the center of the vehicle.

- 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.

- Start the engine.



- (3) Turn on the headlights and check that the aim is within the specified valves shown in the illustration.



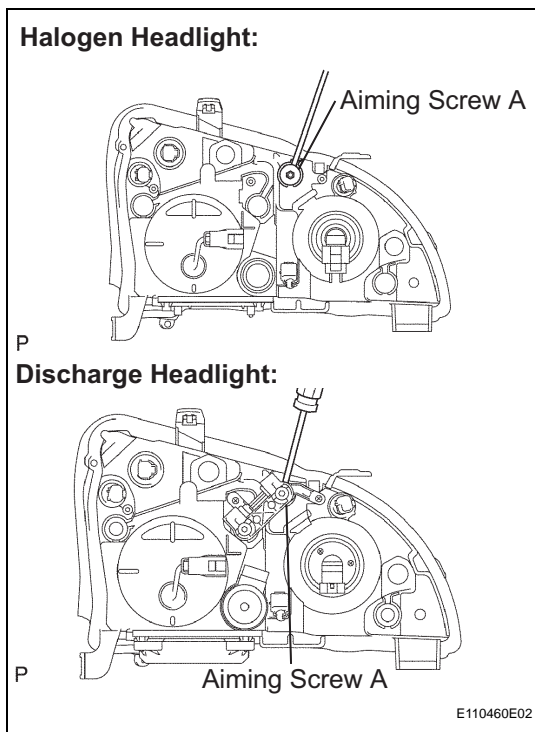
E121643E01

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.