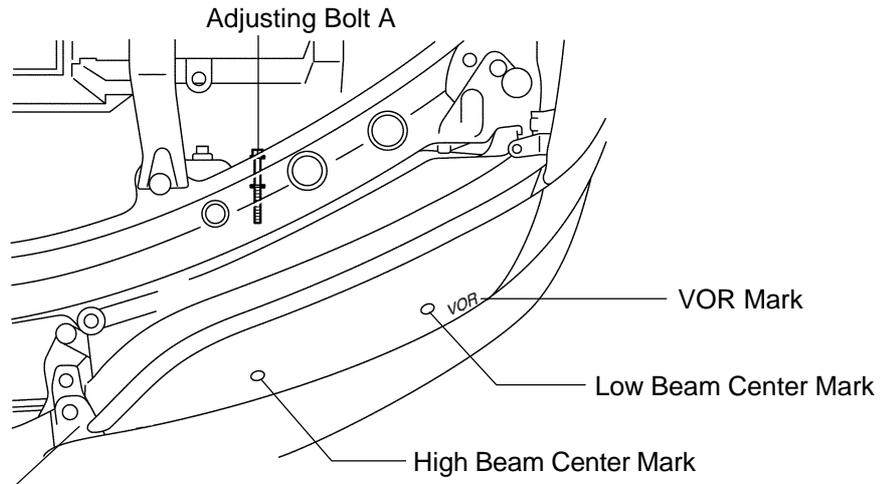


# ADJUSTMENT

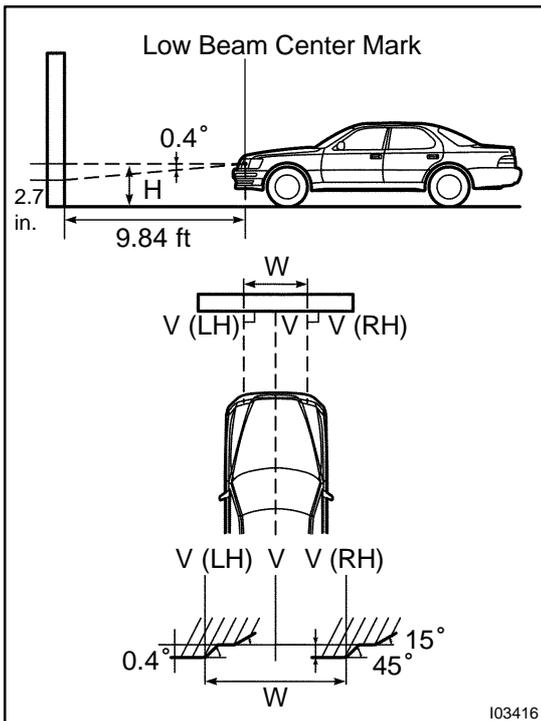
**Halogen Type:**



109287

**1. Halogen Type:  
ADJUST HEADLIGHT AIM ONLY**

- (a) Put the vehicle in below conditions.
  - Make sure the body around the headlight is not deformed.
  - Park the vehicle on a level spot.
  - The driver gets into the driver's seat and puts the vehicle in a state ready for driving (with a full tank).
  - Bounce the vehicle several times.

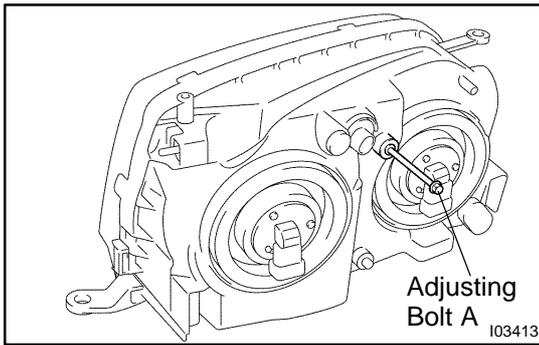


103416

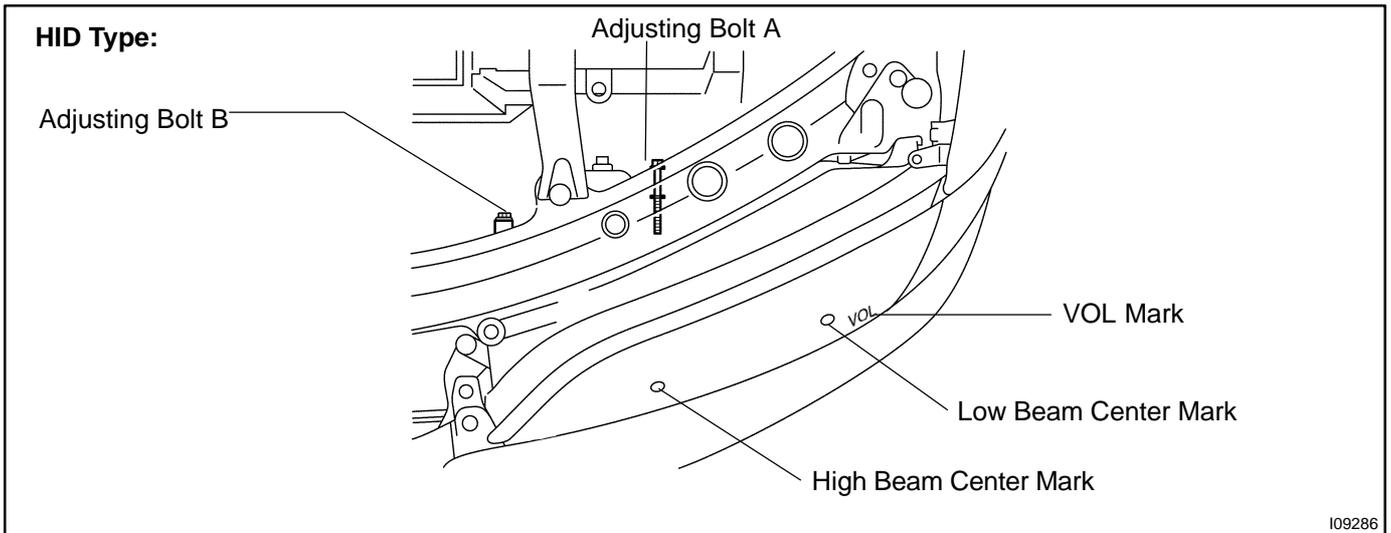
- (b) Prepare the thick white colored paper.
- (c) Stand the paper perpendicularly and ensure the distance from it to the head lights is 9.84 ft.
- (d) Ensure that the center line of vehicle and the paper are at a 90 degree angle as shown in the illustration.
- (e) Draw a horizontal line on the paper where the head lights (low beam center mark) of the vehicle are to be.
- (f) Draw a vertical line on the paper where the center line of the vehicle is to be. (V line)
- (g) Turn the head lights ON.
- (h) Check that the head lights light up the paper as shown in the illustration.

**HINT:**

As shown in the illustration, adjust aiming of the LH and RH lights respectively.



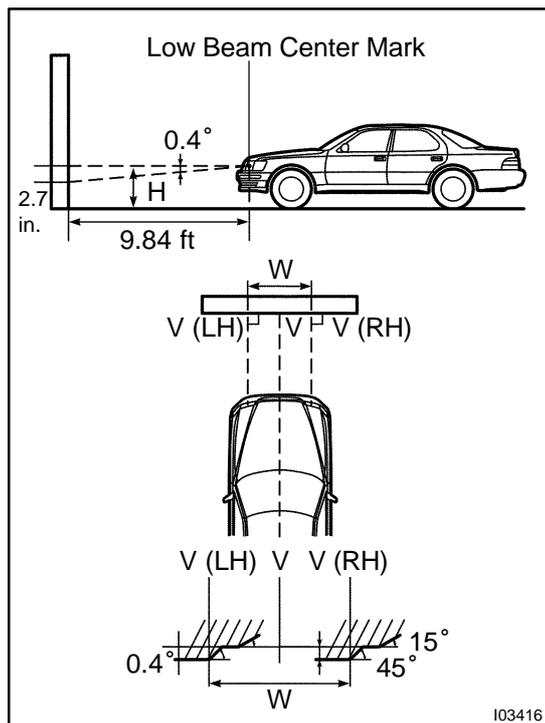
- (i) When the paper is not lighted up properly, using the adjusting bolt A, adjust the lights in the vertical direction.



## 2. HID Type:

### ADJUST HEADLIGHT AIM ONLY

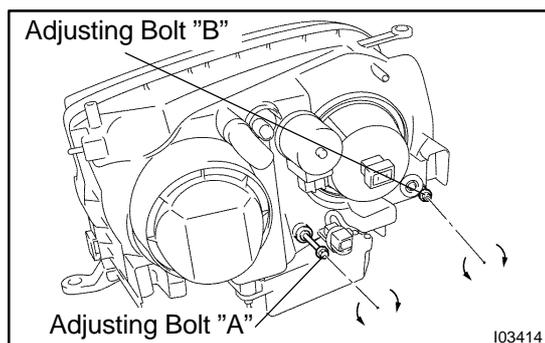
- (a) Put the vehicle in below conditions.
- Make sure the body around the headlight is not deformed.
  - Park the vehicle on a level spot.
  - The driver gets into the driver's seat and puts the vehicle in a state ready for driving (with a full tank).
  - Bounce the vehicle several times.



- (b) Prepare the thick white colored paper.
- (c) Stand the paper perpendicularly and ensure the distance from it to the head lights is 9.84 ft.
- (d) Ensure that the center line of vehicle and the paper are at a 90 degree angle as shown in the illustration.
- (e) Engine running.
- (f) Draw a horizontal line on the paper where the head lights of the vehicle are to be.
- (g) Draw a vertical line on the paper where the center line of the vehicle is to be. (V line)
- (h) Turn the head lights ON.
- (i) Check that the head lights light up the paper as shown in the illustration.
- (j) When the paper is not lighted up properly, adjust the lights in the vertical or horizontal direction.

**HINT:**

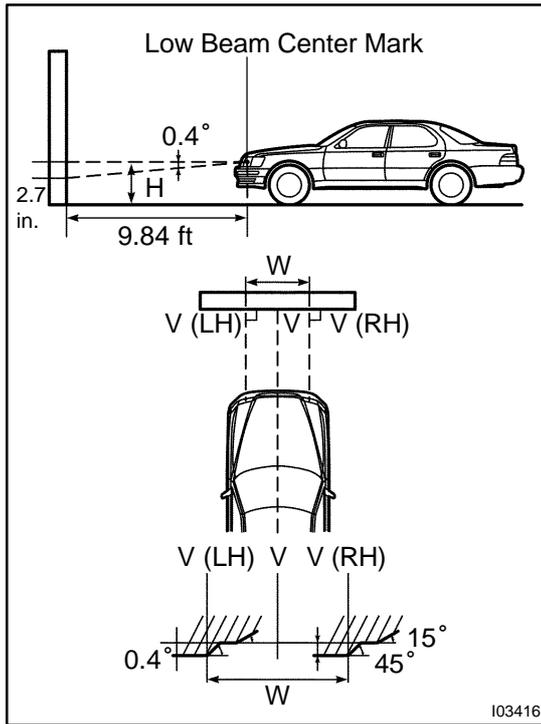
As shown in the illustration, adjust aiming of the LH and RH lights respectively.



- (k) Adjust headlight in vertical alignment.
  - (1) Turn the vertical movement adjusting bolt "A" in either direction. At this time, keep the turning direction and number of turns in mind.
  - (2) Turn the vertical movement adjusting bolt "A" the same number of turns and in the same direction at step (1).

**3. REPLACE HEADLIGHT**

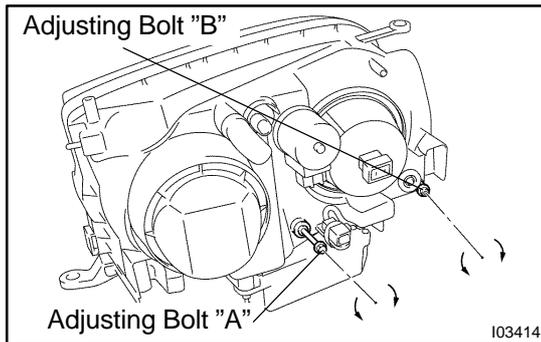
- (a) Replace the headlight.
- (b) Put the vehicle in below conditions.
  - Make sure the body around the headlight is not deformed.
  - Park the vehicle on a level spot.
  - The driver gets into the driver's seat and puts the vehicle in a state ready for driving (with a full tank).
  - Bounce the vehicle several times.



- (c) Prepare the thick white colored paper.
- (d) Stand the paper perpendicularly and ensure the distance from it to the head lights is 9.84 ft.
- (e) Ensure that the center line of vehicle and the paper are at a 90 degree angle as shown in the illustration.
- (f) Engine running.
- (g) Draw a horizontal line on the paper where the head lights of the vehicle are to be.
- (h) Draw a vertical line on the paper where the center line of the vehicle is to be. (V line)
- (i) Turn the head lights ON.
- (j) Check that the head lights light up the paper as shown in the illustration.
- (k) When the paper is not lighted up properly, adjust the lights in the vertical or horizontal direction.

**HINT:**

As shown in the illustration, adjust aiming of the LH and RH lights respectively.



- (l) Adjust headlight in vertical alignment.
  - (1) Turn the vertical movement adjusting bolt "A" in either direction. At this time, keep the turning direction and number of turns in mind.
  - (2) Turn the vertical movement adjusting bolt "A" the same number of turns and in the same direction at step (1).