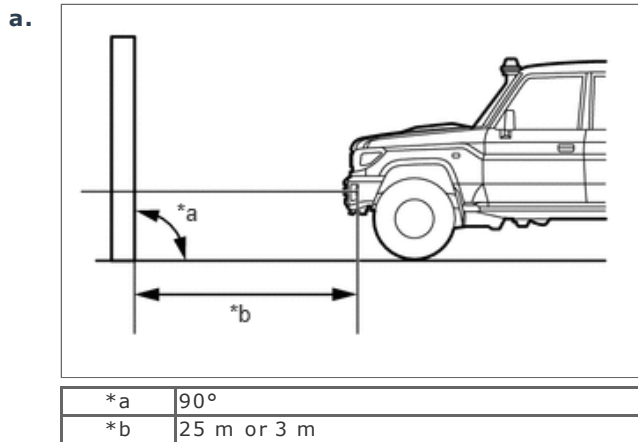


CAUTION / NOTICE / HINT**HINT:**

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.
- It is possible that a fog light assembly is incorrectly installed, affecting fog light aim. Fog light assembly and fog light bulb installation should be considered prior to performing the adjustment procedure.

PROCEDURE**1. VEHICLE PREPARATION FOR FOG LIGHT AIMING ADJUSTMENT**

- a. Prepare the vehicle according to the following conditions:
- Ensure that there is no damage or deformation to the vehicle body around the fog lights.
 - Fill the fuel tank.
 - Make sure that the oil is filled to the specified level.
 - Make sure that the engine coolant is filled to the specified level.
 - Inflate the tires to the appropriate pressure.
 - Unload the trunk and vehicle, ensuring that the spare tire, tools, and jack are in their original positions.
 - Sit a person of average weight (75 kg, 165 lb) in the driver's seat.

2. PREPARATION FOR FOG LIGHT AIMING

Prepare the vehicle:

- Place the vehicle in a location that is dark enough to clearly observe the cutoff line. The cutoff line is a distinct line, below which light from the fog lights can be observed and above which it cannot.
- Place the vehicle at a 90° angle to the wall.
- Create a 25 m (82.0 ft.) distance between the vehicle (center of the fog light bulb) and the wall.
- Make sure that the vehicle is on a level surface.
- Position the front wheels straight ahead.
- Bounce the vehicle up and down to settle the suspension.

NOTICE:

- A distance of 25 m (82.0 ft.) between the vehicle (center of the fog light bulb) and the wall is necessary for proper aim adjustment. If sufficient space is not available, secure a distance of exactly 3 m (9.84 ft.) to allow for checking and adjustment of fog light aim. (The size of the target zone will change with the distance, so follow the instructions in the illustration.)

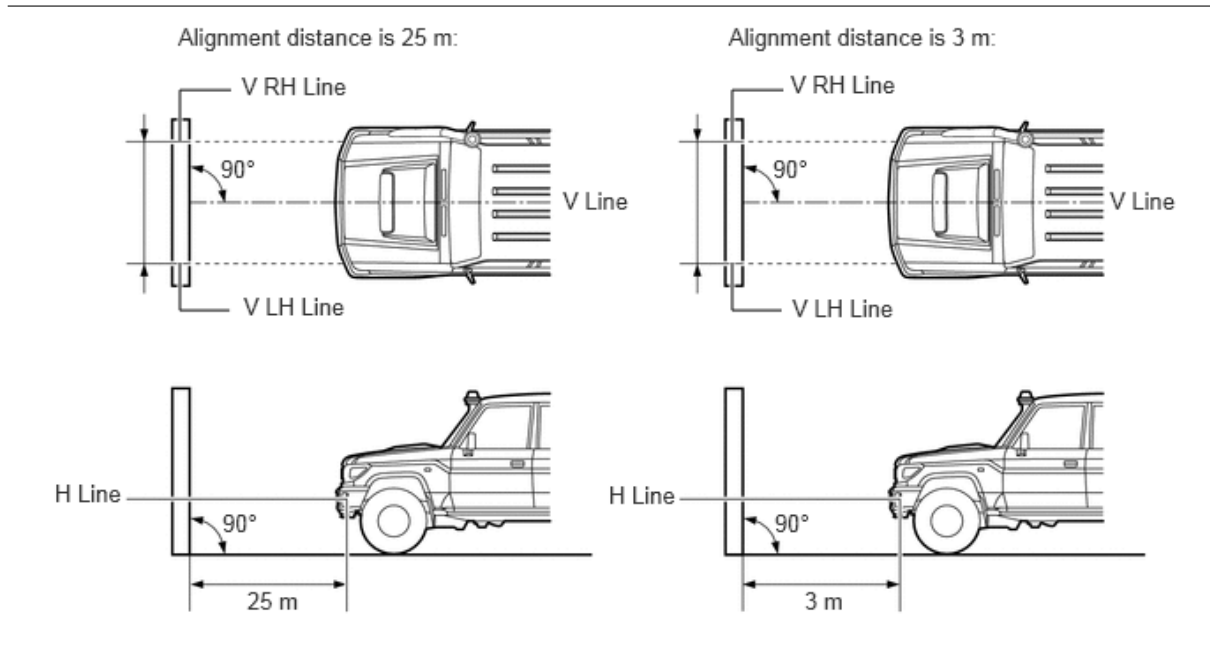
- b. Prepare a piece of thick white paper (approximately 2 m (6.56 ft.) height x 4 m (13.1 ft.) width) to use as a screen.

c. Draw a vertical line down the center of the screen (V line).

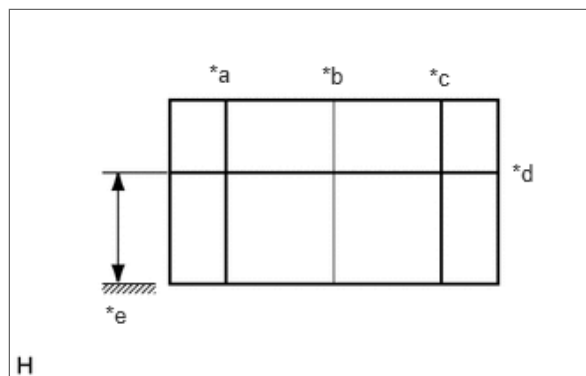
d. Set the screen as shown in the illustration.

HINT:

- Stand the screen perpendicular to the ground.
- Align the V line on the screen with the center of the vehicle.



e.



*a	V LH Line
*b	V Line
*c	V RH Line
*d	H Line
*e	Ground

Draw base lines (H, V LH, and V RH lines) on the screen as shown in the illustration.

HINT:

Mark the fog light bulb center marks on the screen. If the center mark cannot be observed on the fog light, use the center of the fog light bulb or the manufacturer's name marked on the fog light as the center mark.

- H Line (Fog light height):**
Draw a horizontal line across the screen so that it passes through the center marks. The H line should be at the same height as the fog light bulb center marks of the fog lights.
- V LH Line, V RH Line (Center mark position of left-hand (LH) and right-hand (RH) fog lights):**
Draw two vertical lines so that they intersect the H line at each center mark.

- a. Cover the fog light or disconnect the connector of the fog light on the opposite side to prevent light from the fog light that is not being inspected from affecting the fog light aiming inspection.

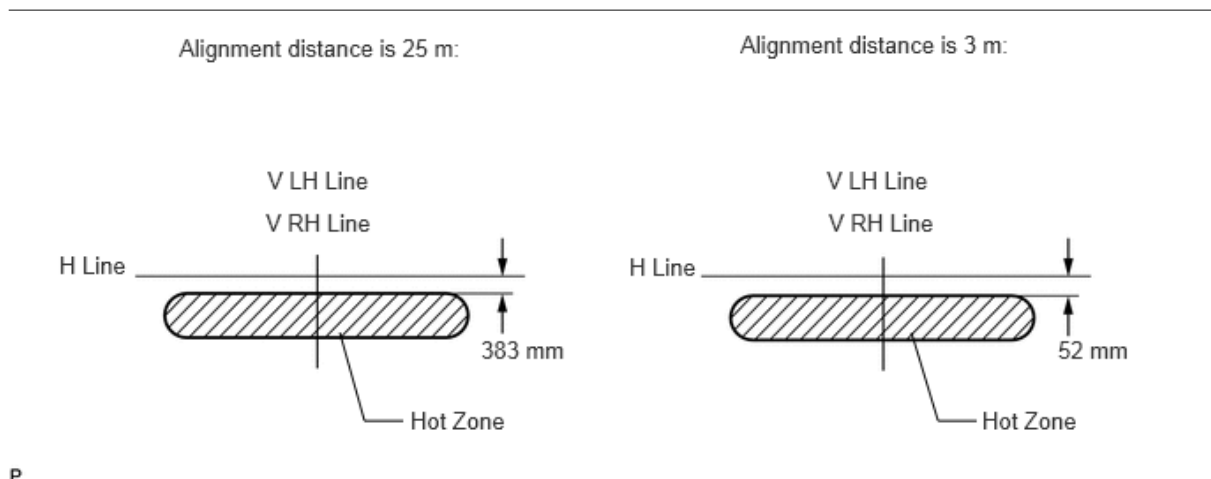
NOTICE:

Do not keep the fog light covered for more than 3 minutes. The fog light lens is made of synthetic resin, which may melt or be damaged due to excessive heat.

- b. Start the engine.
- c. Turn on the fog lights and check if the upper edge of the hot zone for each fog light matches the upper edge as shown in the illustration.

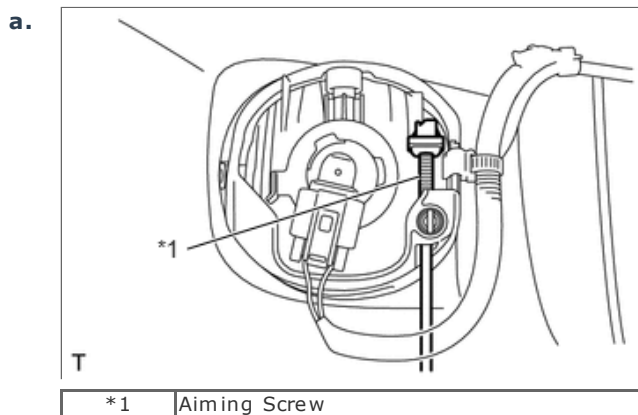
HINT:

- If the alignment distance is 25 m (82.0 ft.):
The upper edge of the hot zone for the fog light should be 383 mm (1.26 ft.) below the H line.
- If the alignment distance is 3 m (9.84 ft.):
The upper edge of the hot zone for the fog light should be 52 mm (2.047 in.) below the H line.



P

4.ADJUST FOG LIGHT AIMING



Adjust the aim vertically:

Adjust the aim of each fog light to the specified range by turning each aiming screw with a screwdriver.

NOTICE:

The final turn of the aiming screw should be made in the clockwise direction. If the screw is tightened excessively, loosen it and then retighten it, so that the final turn of the screw is in the clockwise direction.

HINT:

If it is not possible to correctly adjust the fog light aim, check the fog light assembly, fog light bulb installation.