

Headlight Aiming Adjustment with Screen

NOTE:

- Unless otherwise obligated by local regulations, adjust headlight aiming according to the following procedure.
- After replacing headlight housing, be sure to adjust aiming.
- When inspecting and adjusting headlight with leveling system, make sure to set the leveling switch to "0" position with ignition switch turned ON.

1) Make sure the following items.

- Place vehicle on a flat surface in front of blank wall (screen) (1) ahead of headlight surface.

Distance "a"**10 m (33 ft.)**

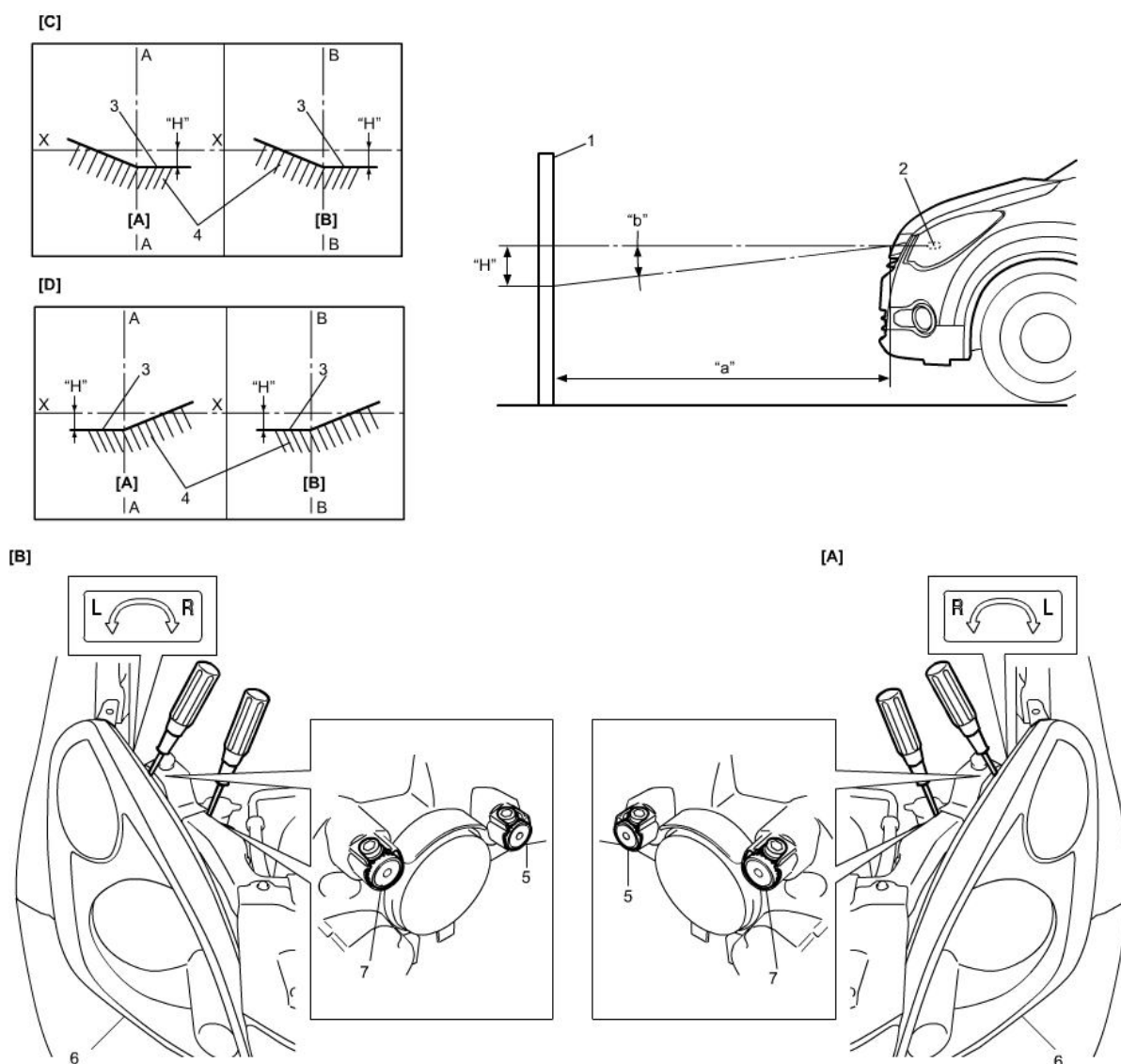
- Adjust air pressure of all tires to the specified value respectively.
- Bounce vehicle body up and down by hand to stabilize suspension.
- Carry out aiming with a driver aboard.

Driver's weight**75 kg (165 lb)****2) Check to see if hot spot (high intensity zone) of each low beam axis falls as shown in figure.****NOTE:**

If the headlights interfere each other and make it hard to see the cut line clearly, cover the headlight on one side. This helps to make aiming adjustment easier.

Hot spot specification**Angle "b": 0.57° (Specification)****Calculated distance "H": Approx. 100 mm (3.94 in.)****3) Using phillips screwdriver, align headlight aiming to specification by adjusting aiming gear if it is not set properly.****NOTE:**

For aiming adjustment, adjust height of optical axis using 2 aiming gears first and then adjust horizontal direction of optical axis using aiming gear (for right / left adjustment).



2. Headlight bulb	7. Aiming gear	[B]: Right headlight
3. Cut line (bounding line)	X- Horizontal center line of X: headlight bulbs	[C]: RHD model
4. Hot spot	A- Vertical center line of left A: headlight bulb	[D]: LHD model
5. Aiming gear (for right / left adjustment)	B- Vertical center line of right B: headlight bulb	
6. Headlight housing	[A]: Left headlight	