

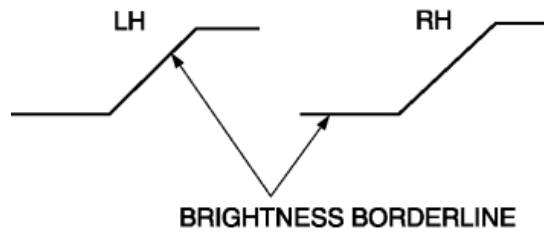
2012 - Mazda6 - Body and Accessories

HEADLIGHT AIMING

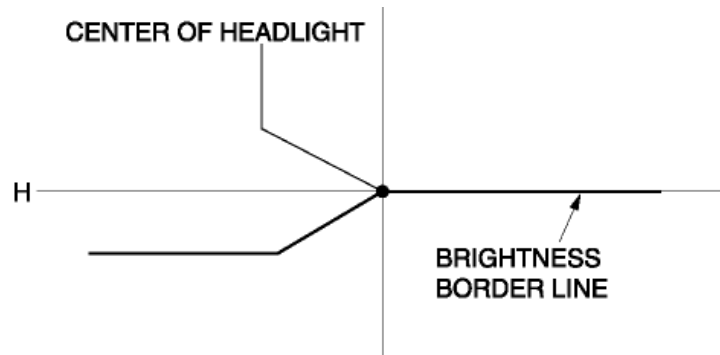
CAUTION:

- There are gradation zones at the top and bottom of the brightness borderline on the vehicle headlights because the brightness borderline is blurred to assure good visibility. When adjusting the aiming of the headlights, adjust the line at the bottom of the gradation zone.

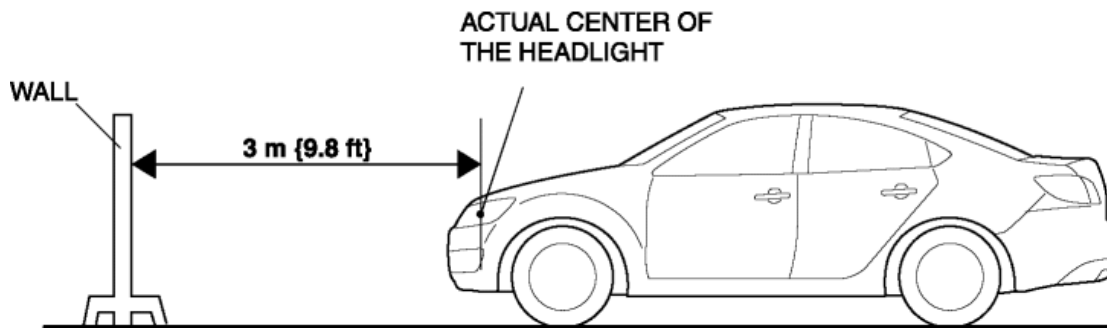
- Point the headlight beams to a wall and verify that the headlight beams are as shown in the figure.



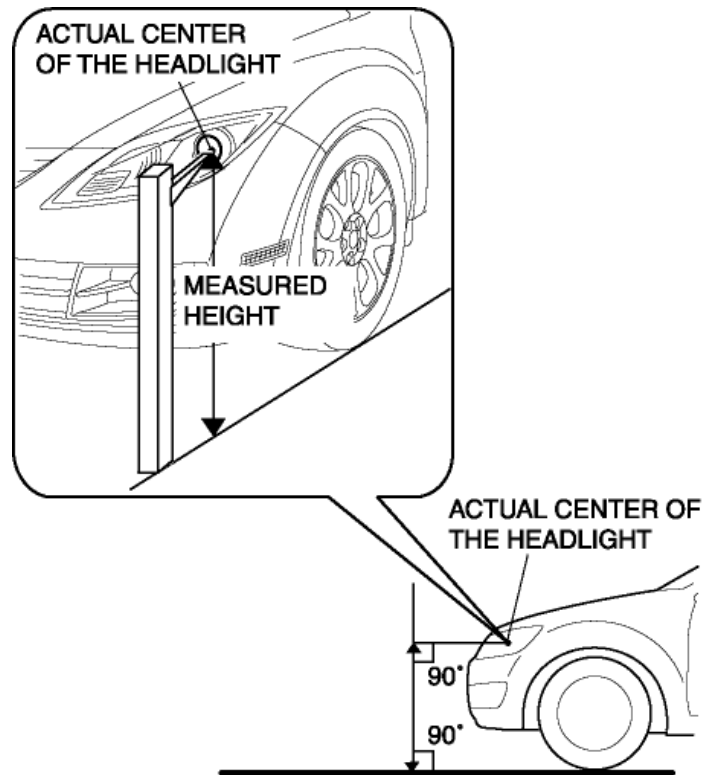
- Make a screen as shown in the figure using double-weight, white paper.



- Adjust the tire pressure to the specification.
- Position the unloaded vehicle on a flat, level surface.
- Seat one person in the driver's seat.
- Line up the vehicle with the wall so that the center of the headlight is **3 m { 9.8 ft }** away from the wall.



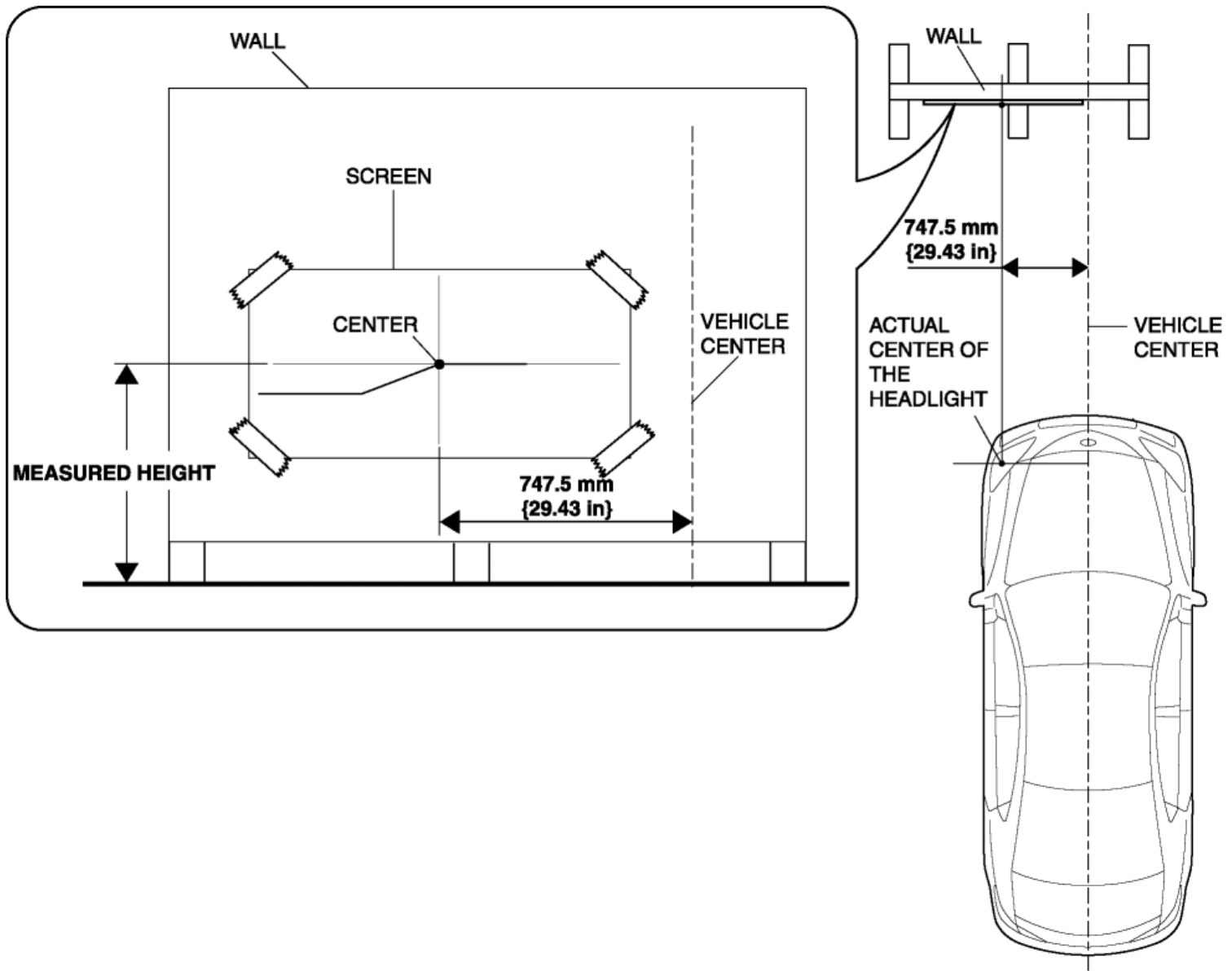
- Measure the height at the center of the headlight.



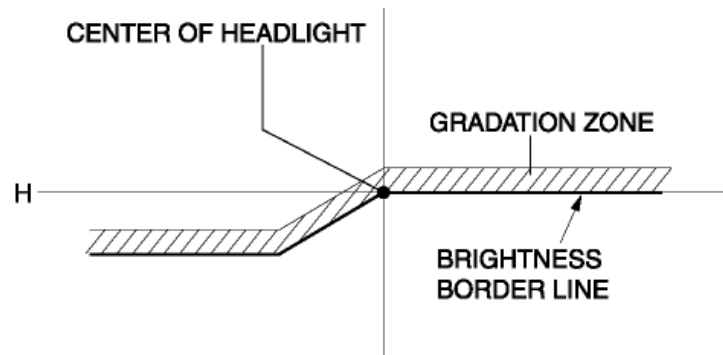
NOTE:

- Since the height of the vehicle varies depending on the vehicle situation, measure the height of the center of the headlight using the actual vehicle.

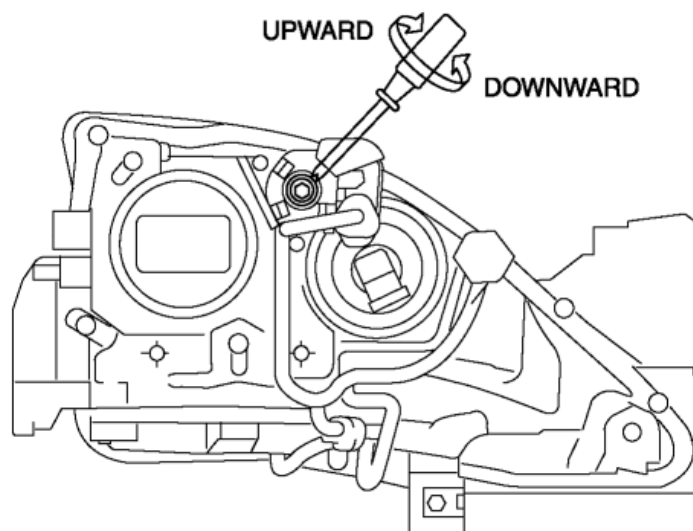
8. Align the center of the headlight with the center of the screen.



9. Block the light of the other headlight using a partition.
10. Start the engine and charge the battery.
11. Turn on the headlight low beams.
12. Set the headlight leveling switch to the 0 position. (vehicles with headlight leveling system)
13. Verify that the line at the bottom of the gradation zone is aligned with the H line.



- If the line at the bottom of the gradation zone is not aligned with the H line, perform the following adjustment.
 - Insert a phillips driver into the position shown in the figure and adjust the headlights.



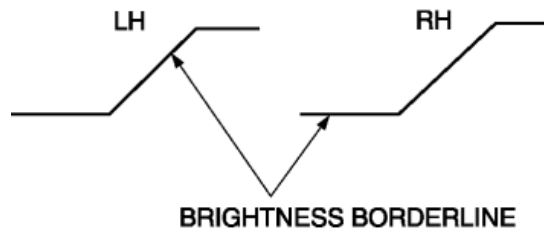
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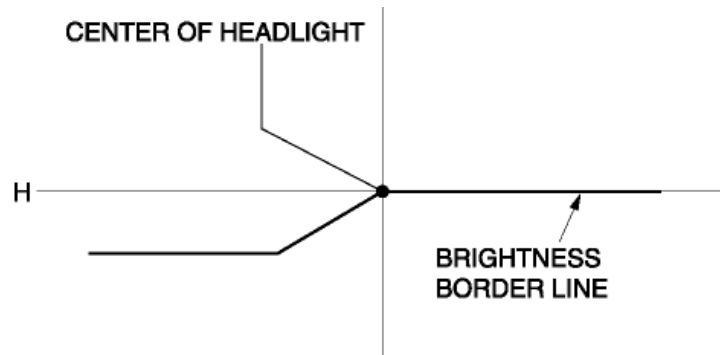
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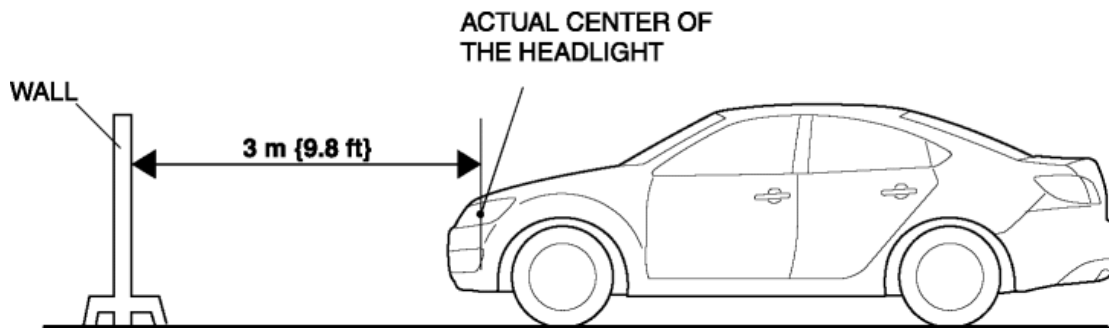
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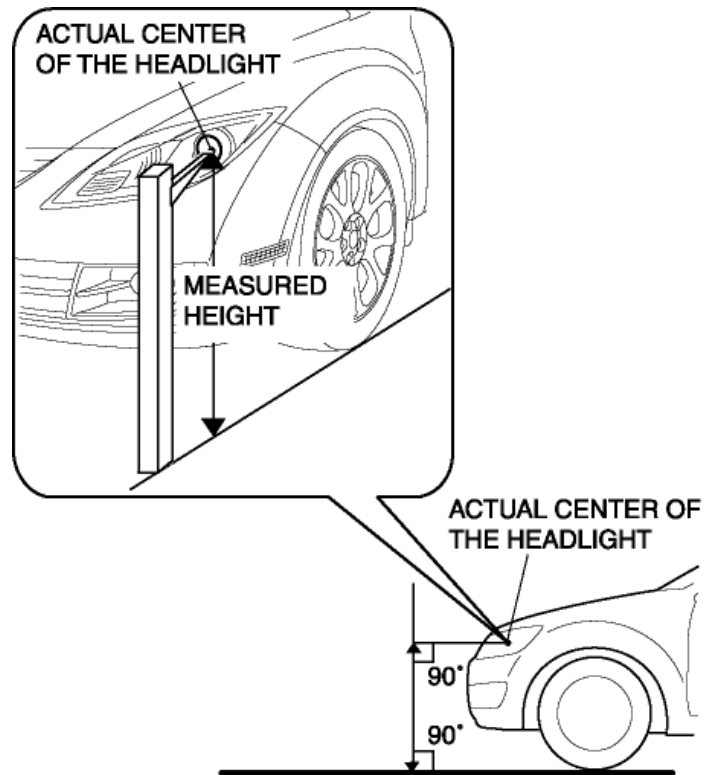
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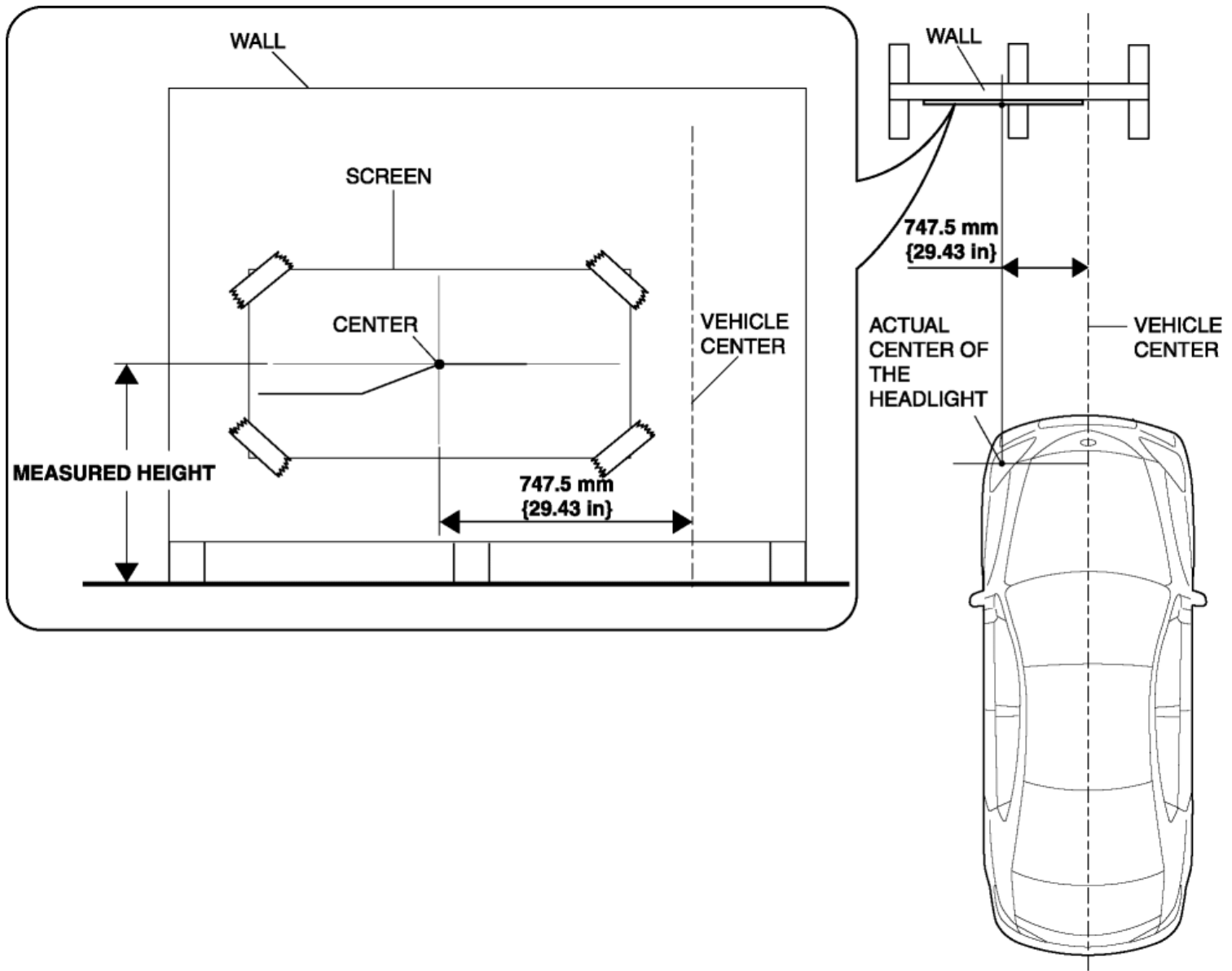
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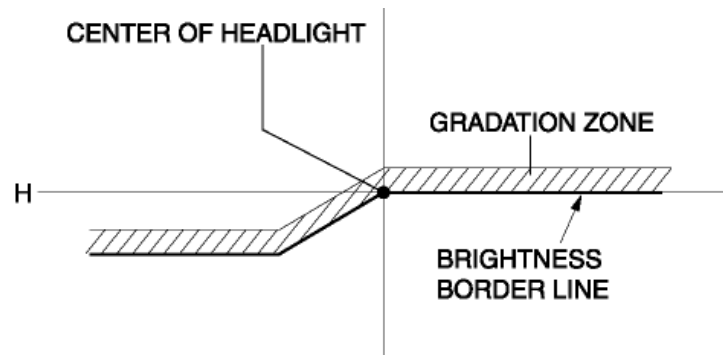
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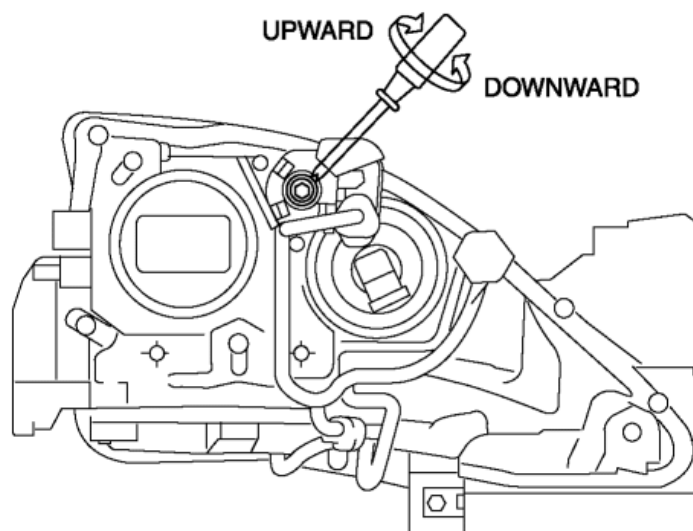
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