

MOTORCYCLE

AIMING INSTRUCTIONS

⚠ WARNING

A motorcycle's automatic-on headlight feature provides increased visibility of the rider to other motorists. Poor visibility of the rider to other motorists can result in serious injury or even death.

Remember to check the motorcycle's headlight beam pattern for proper height and lateral aim:

- When the new owner takes delivery of the motorcycle.
- When there is a change in load (adding luggage, etc.).

Before installation:

1. Motorcycle is being aimed on a level surface.
2. All tires are properly inflated.
3. Motorcycle is at normal riding height.

Required supplies:

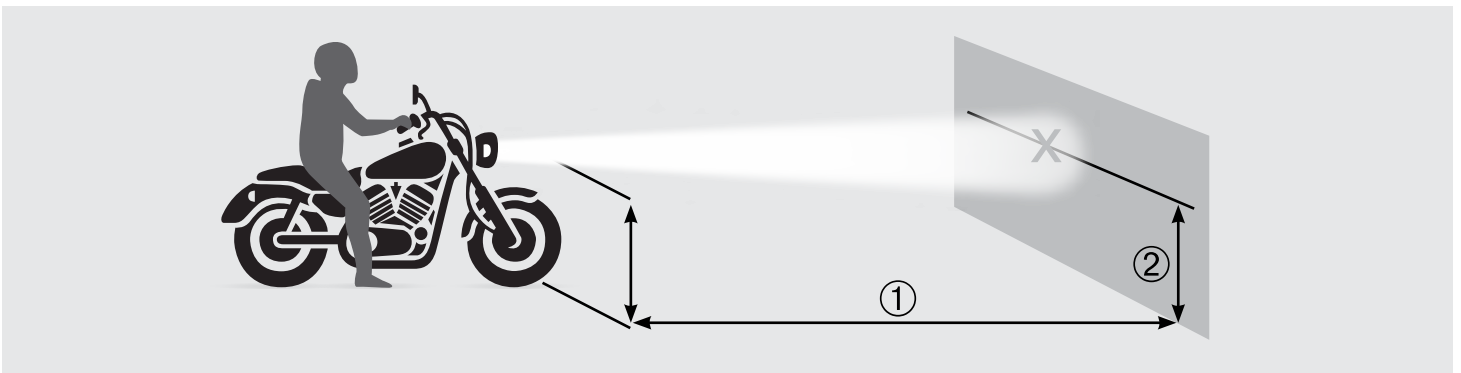
- Tape or chalk to mark lines.
- Correct tools for your motorcycle's aiming mechanism.

Optional supplies:

- Laser level to help increase accuracy in aiming.

Headlight aiming procedure:

1. Position motorcycle 25 feet (7.62) meters away from a screen or wall ①. Measure the distance from directly below the front axle to the base of the screen or wall.
2. On the screen or wall, draw a line from the ground to the approximate center point of the headlight ②.
3. Load motorcycle with rider, passenger (if normally present) and any other cargo normally carried.
4. Stand motorcycle upright with both tires resting on the floor and with front wheel aligned directly forward towards the screen or wall.
5. Turn ignition/headlight switch to the IGNITION position. Set handlebar headlight switch to the HIGH beam position.
6. Check light beam for proper height aiming:
 - a. The main beam of light (broad, flat pattern of light) should be centered equally above and below horizontal line on screen or wall.
 - b. Main beam of light should be directed straight ahead. Properly adjusted headlights project an equal area of light to right and left of center.
7. Adjust headlight aiming if necessary.



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