

ABSTRACT

Provided is a disc brake device that can maintain the brake linings in a symmetrical manner while keeping the opening and closing angle between the brake levers constant even when the brake linings are worn.

A disc brake device 1a has brake linings (4L, 4R) attached to brake levers (3L, 3R) that open and close in the lateral direction and sandwich a brake disc 2. A linking mechanism 10 including a coupling device 20 including lever mechanisms (11, 12) and a spindle 120 opens and closes in conjunction with the lifting and lowering operation of a rod 41 of a thruster 40, and the spindle is rotated in one direction by a one-way clutch 130 in accordance with the relative displacement between the lever mechanisms and the coupling device to shorten an overall length of the coupling device, the rotation of the spindle is transmitted to an adjustment bolt 72 screwed to a stopper 74 on the lower end sides of the left and right brake levers via a flexible shaft 150, and the adjustment bolt protrudes downward with respect to the stopper.

Figure 8