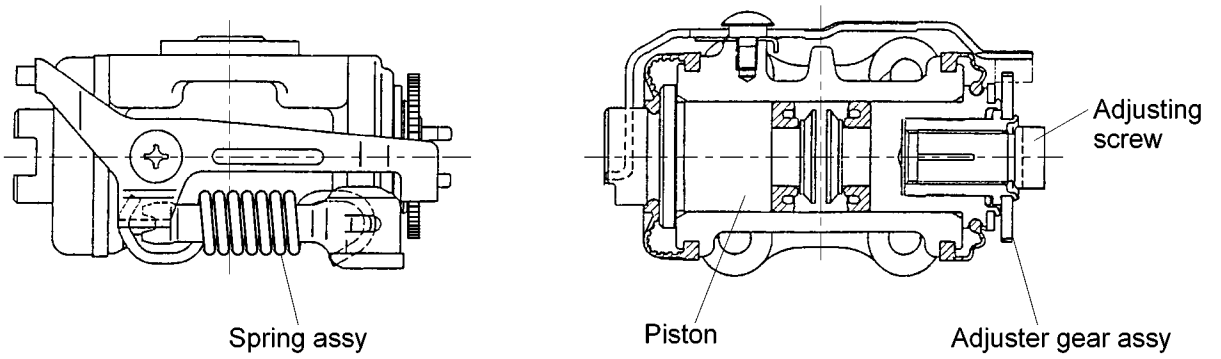
WHEEL BRAKE SHOE AUTO ADJUSTER

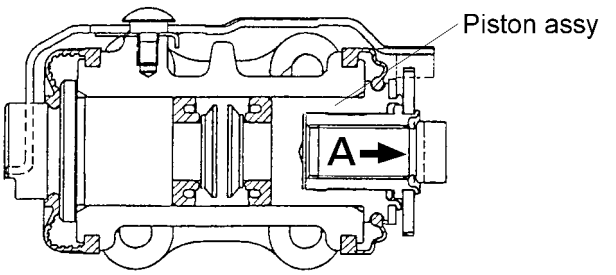
■OUTER TYPE

1. Construction

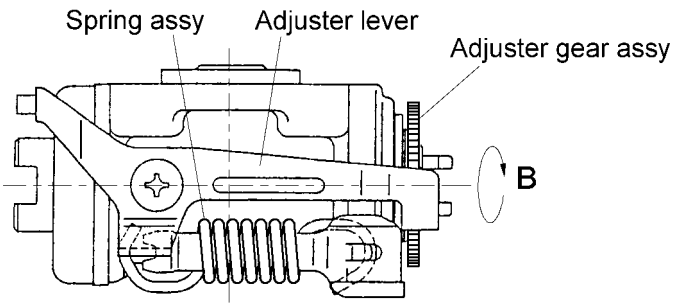


2. Operation

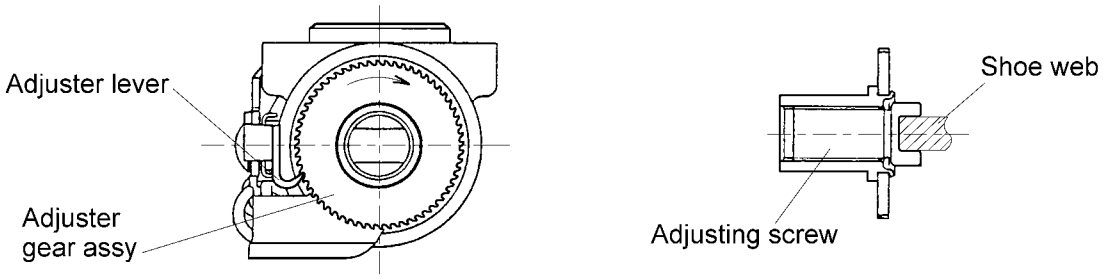
1) At the time of brake operation, the piston assembly moves in the direction of arrow A.



2) With movement of the piston assembly, the adjuster lever rotates with the pin at the center in the direction of arrow B because of the spring force of the spring assembly.



3) The gear assembly rotates because of the rotation of the adjuster lever, the adjuster screw performs relative movement, and it becomes exposed. When at this time the gear assembly is turned by more than one tooth, the adjuster lever at the time of brake release is sent to the initial position by the lever return spring and the shoe clearance adjustment is completed.



Function of the overtravel spring

When the axial force (input force to the adjuster screw) rises and the rotation resistance of the gear assembly increases, the lever rotation also stops at the same time when gear rotation becomes impossible, and for the further movement of the piston assembly, the spring assembly is stretched and adjustment operation is not performed.

