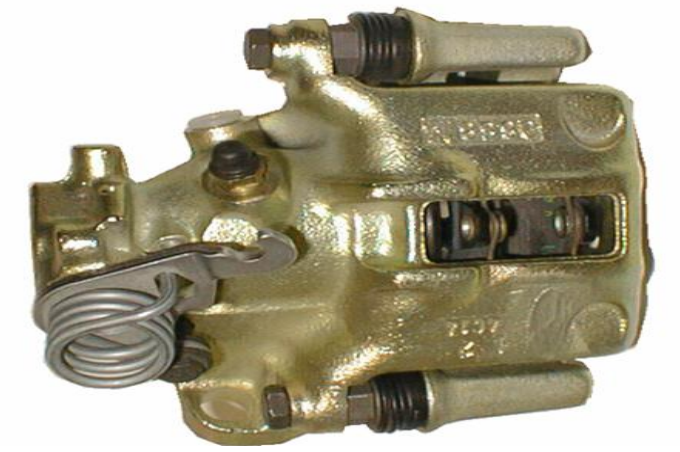
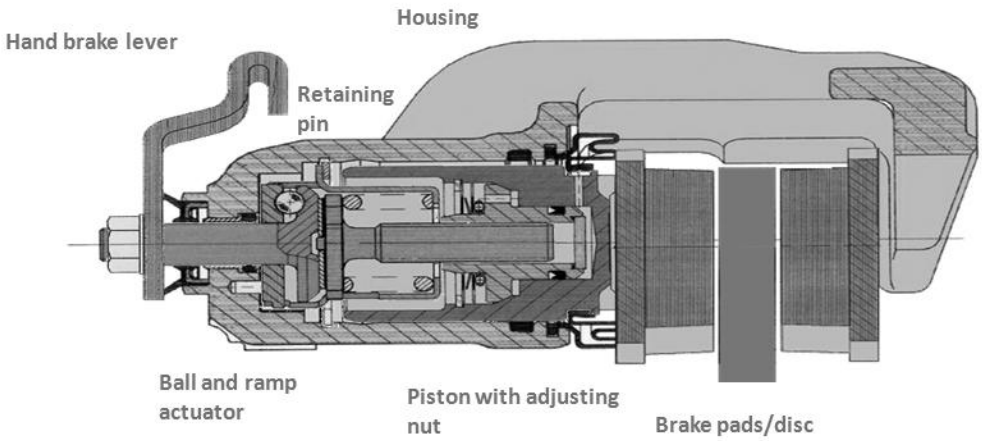
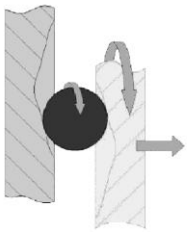
Caliper with Integral Parking Brake Type “Colette”



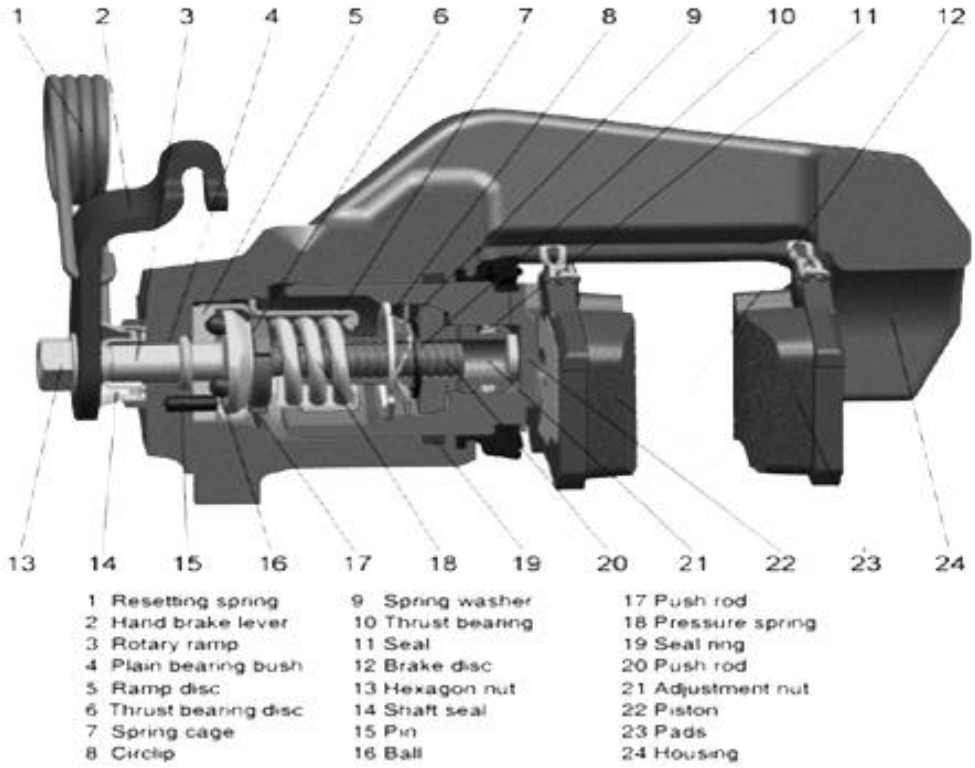
In this variant, the axial movement required to apply the brake is produced by a ball and ramp actuation system. The rotary ramp is part of the actuating lever, and the ramp disc is firmly located in the housing. Three balls in axially rising tracks are located between them. The tracks start with a steep slope (high travel ratio) and run progressively into a flatter gradient (high force transfer).



CAUTION! Only trained personnel should work on the brake system!



Exploded view of the ball in axially rising track that is located between them



Correct procedure for fitting rear calipers with integral parking brake:-

Fit the caliper in the normal way

Do **not** operate the parking brake mechanism - these are preset in the factory

Bleed the system in accordance with manufacturer's instructions

Operate the brake pedal 10-20 times

Apply the parking brake

Adjust cables in accordance with manufacturer instructions to achieve the correct number of notches on the parking brake lever ratchet