Note:

- Install only the complete repair kit when performing servicing work.
- New brake calipers are filled with brake fluid and pre-bled.
- Apply a thin coating of assembly paste to brake cylinders, pistons and seals.

1 - Caps
   - Insert into plastic bushing

2 - Guide pin
   - 25 Nm (18 ft lb)

3 - Bleeder valve
   - Apply a thin coating of assembly paste to the threads before installing

4 - Dust cap
   - Install on bleeder valve
5 - Brake caliper housing

6 - Retaining spring
   ◆ Insert the two ends into the holes of the brake caliper housing

CAUTION!

◆ Once the spring ends are seated in the holes, press the retaining spring under the brake carrier.

◆ If the spring is not installed correctly, the outer brake pad alignment mechanism will not be able to compensate for wear, and increased pedal travel will result.

7 - Plastic bushing
   ◆ Insert into brake caliper housing
8 - Brake carrier
   - Bolt to brake caliper housing

9 - Seal

10 - Piston
   - Apply thin coat of assembly paste before installing
   - Piston diameter: 57 mm (2.24 in.)

11 - Protective seal
   - Do not damage when installing the piston
Teves/Ate front brake caliper piston, removing and installing

Special tools and equipment

3409 wedge

Removing

- Force piston out of brake caliper housing using compressed air.

**WARNING!**

- **Risk of accident! Apply pressure gradually. Guard against the sudden release of the piston.**
- **Place a wooden block into the recess of the caliper housing to catch the piston so it is not damaged.**
- **Always wear safety glasses when carrying out this step.**

- Using 3409 wedge, remove seal.

**Note:**

*When removing make sure that the surface of the cylinder is not damaged.*
Installing

- Place protective seal with outer sealing lip on piston.
- Clean surfaces of piston and seal using methylated spirits only, then dry.
- Apply thin coat of assembly paste, part number G 052 150 A2 to piston and seal before installing.

**CAUTION!**

*Part numbers are listed here for reference only. Always check with your Parts department for the latest information.*

- Using 3409 wedge, insert inner sealing lip into cylinder groove.

**Note:**

*Hold the piston in front of the caliper housing for this procedure.*
- Press piston into brake caliper housing using piston resetting tool.

**Note:**

*The outer sealing lip of the protective seal will then locate in the piston groove.*