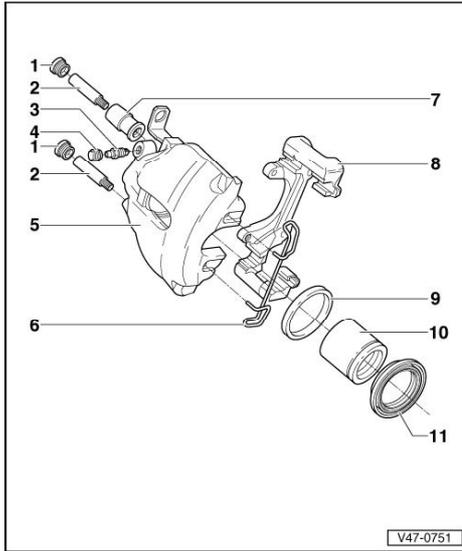


**Brake caliper, front, repairing (100/A6 models)**  
**Brake caliper, front, repairing (100/A6 models)**

**CAUTION!**  
 When repairing, use all the parts in the repair kit.

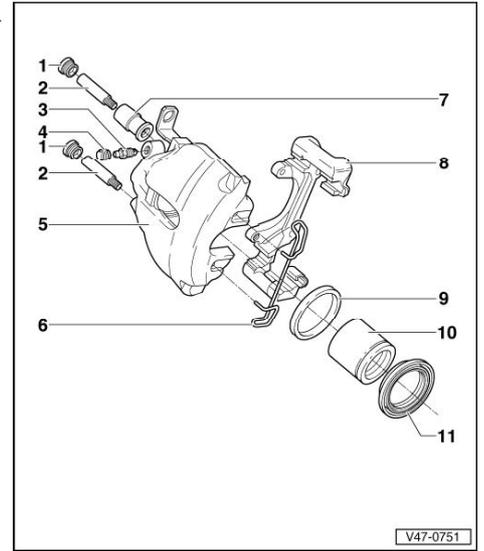
**Note:**  
 Coat the cylinder, piston and piston lightly with brake assembly lube.

1. Guide pin cap  
 ◆ Install in rubber bushing
2. Guide pin  
 ◆ 25 Nm (18 ft lb)
3. Bleeder valve  
 ◆ Before installing, lightly coat threads with brake assembly lube
4. Protective cap  
 ◆ Install on bleeder valve



5. Brake caliper housing
6. Retaining spring  
 ◆ Install with both ends in holes of brake caliper housing
7. Rubber bushing  
 ◆ Install in brake caliper housing
8. Brake pad carrier
9. Piston seal  
 ◆ Remove

with screwdriver  
 Fig. 2

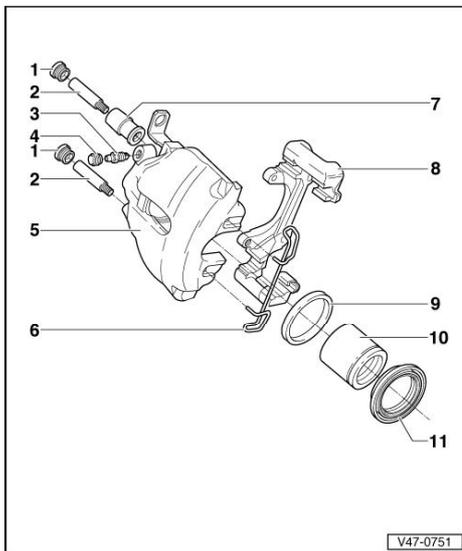


10. Piston  
 ◆ Force out of brake caliper housing with compressed air Fig. 1

**WARNING!**  
 ◆ Risk of accident! Apply pressure gradually. Guard against sudden release of the piston.  
 ◆ Place wooden board into the recess of the caliper housing to catch the

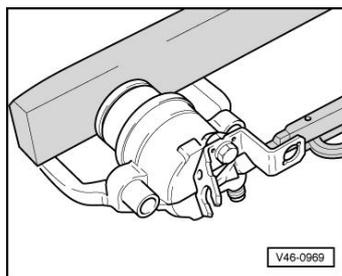
pistons so that they are not damaged Fig. 1.

1.
  - ◆ Installing Fig. 3, Fig. 4 and Fig. 5
  - ◆ Coat piston lightly with brake assembly lube
  - ◆ Diameter: 57 mm (2.24 inches)
11. Piston outer seal  
 ◆ When installing, do not damage piston

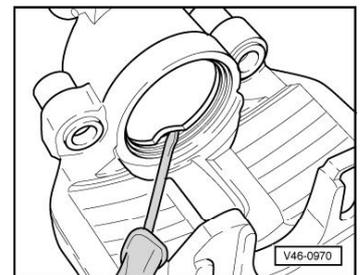


→ Fig. 1 Pressing piston out of cylinder with compressed air

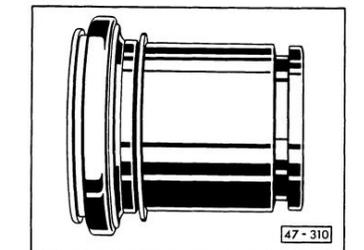
**WARNING!**  
 ◆ Risk of accident! Apply pressure gradually. Guard against sudden release of the piston.  
 ◆ Place wooden board into the recess of the caliper housing to catch the pistons so that they are not damaged.



→ Fig. 2 Removing piston seal

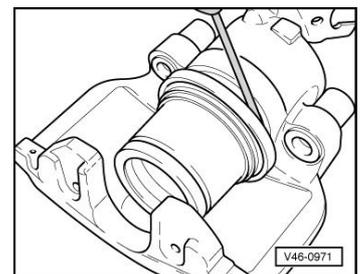


→ Fig. 3 Installing protective cap with outer seal on piston



→ Fig. 4 Installing piston outer seal lip into cylinder groove

**Note:**  
 Hold the piston in front of the cylinder.



→ Fig. 5 Installing piston

**CAUTION!**  
*Lip of outer seal must spring into groove on piston.*

