

Part Number PT1127 – Stainless Steel Caliper Piston

WARNING:

Protective clothing and safety glasses should be worn during this procedure. Steps should be taken to prevent unintentional spray of brake fluid that can cause personal injury or damage to equipment.

Before commencing any work, ensure opposite wheels are chocked to prevent movement and appropriately rated safety stands are used to support weight of trailer. These instructions are a guide only, please consult your local mechanic for more assistance.

Trojan recommends all work be carried out by a qualified mechanic.

ASSEMBLY:

1. Lubricate cylinder bore with brake fluid and fit a new seal into the groove ensuring it's not twisted and is fully seated in the groove.
2. Fit new boot into the outer groove of the bore, ensuring the flange of the boot is squarely and firmly seated in the groove.
3. Lubricate the outside diameter of the piston with brake fluid and install into the bore. Spread the boot over the piston as the piston is installed, taking care not to disturb the boot in the groove. Apply steady pressure by hand to the piston and press until the piston is fully seated in the bore. Ensure the outer lip of the boot is located in the groove of the piston.
4. Reinstall the bleed screw.
5. Inspect guide pins and replace if required. Lubricate both guide pins with silicon grease, this must be non-mineral based lubricant.
6. Fit new rubber dust covers over guide pins.
7. Assemble caliper body onto anchor ensuring boots are correctly located in guide pin grooves. The assembled unit should be free to slide smoothly on the pins.
8. If necessary, fit new pads and refit to axle yoke using M12x1.75 S/S A2-70 bolts or 7/16" UNF x 20 TPI S/S A2-70 bolts and spring washers (depending on the configuration). Apply Loctite or similar bonding agent and torque bolts to 90 Nm (M12) or 75 Nm (7/16" UNF).
9. Reconnect the brake hose ensuring the hose is not twisted during fitting and tightening.
10. Bleed the system in the recommended manner with brake fluid.
11. After the system has been bled, pump the handle on the master cylinder several times to bring the pads into position against the disc. Recheck the fluid in the master cylinder supply tank - top up if necessary.
12. Refit road wheels and road test.