

## **PART NO: PT1125**

- Remove caliper from the axle.
- Separate the housing from the anchor plate.
- Pack a piece of clean cloth or similar between the end of the piston and the outboard legs of the housing to protect the piston from damage.
- Apply air pressure slowly into the chamber to eject the piston.
- CAUTION! FACE THE PISTON AWAY FROM THE OPERATOR.
- Remove the rubber boot and seal from the bore along with the bleeder screw.
- Thoroughly clean all metal parts and dry them off with compressed air.
- Examine the bore and piston for signs of damage, abrasion, scouring or corrosion. Should any damage be present the affected part must be replaced.
- ATTENTION If your calipers are fitted with mechanical park brake levers the two push rod seals should be replaced by first removing the push rod out through the bore. Remove the seals and refit new ones lubricated with rubber grease. Re-fit the push rod.
- Lubricate the bore with rubber grease and fit a new seal into the groove ensuring it is fully seated.
- Fit a new dust boot making sure it is squarely and firmly seated in the groove.
- Lubricate the outer surface of the piston with rubber grease and install into bore, take care that the boot does not get caught up as the piston enters the bore and that the boot finds in the groove in the piston. Push the piston fully home.
- Fit new guide pins if needed with new dust boots and lubricate with rubber grease.
- Assemble the caliper housing onto the anchor and ensure the boots are correctly found and that the assembled unit is free to slide smoothly on the pins.
- Assemble new brake pads into the calipers and refit them to axle making sure that Loctite or similar is applied to the M12 mounting bolts and torque to 45ft/lbs.
- If it is necessary to replace the guide pin brass bushes (introduced November 1999) proceed as follows with the caliper removed from the trailer separate the caliper halves and fill the old bush with grease, insert one of the old guide pins into the bush and strike the pin with a hammer, this should hydraulic the old bush out. Replace the bush using a suitable drift or old guide pin.
- IMPORTANT NOTICE\*\*\* PHENOLIC PISTONS If new Phenolic pistons are to be fitted in lieu of the original steel pistons it will be necessary to hone the cylinder bore to a minimum of 54,15mm and a maximum of 54.18mm. Do not try to alter the diameter of the Phenolic pistons.