



BRAKE CALIPER BLEED SREW REPAIR KIT

Manual

9353010



PICHLER
tools since 1978.



SAFETY NOTICE

To understand the functioning of the tools, it is necessary to read the manual first!

- > Read these instructions before assembling, during installation and throughout use and in the proper sequence
- > Always refer to the OEM manufacturer's instructions and service manuals for the latest data and to maintain the correct sequence
- > These work instructions and the recommended tools are meant to serve as aides only and are by no means a guarantee for certain results.
- > This tool kit is a special collection and it has been tested and used successfully on several occasions. It is of the utmost importance to maintain the correct procedure as per the instructions
- > The use of the tools should only be carried out by qualified personnel!



ATTENTION

Special caution



CORRECT



LIGHT BULB

Hint or recommendation



WRONG



SAFETY GOGGLES

Wearing safety goggles
necessary



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No.	Art. No.	Description	9353010
1	9353008	Tread sealant	1
2	9353016	HSS Drill Ø 6,0 mm	1
3	9353011	Drill 3-fluted Ø 11mm	1
4	9353013	HSS Special Drill Ø 8,5 mm	2
5	9353014	One Cut Hand Tap NPT 1/4" x 18 Gang	1
6	9353018	One Cut Hand Tap NPT 1/8" x 27 Gang	1
7	9353020	Countersink 90°	1
8	9353005	Brake Caliper Replacement Bleed Srew Set 2 pc 1/4" and 1/8"	2

BEFORE STARTING WORK



Initial situation: bleed screw has been broken off.



1. PREPARATION

Determine the size of installed brake caliper bleed screw:



Size A



SW 1/4"

SW 11 mm

1/8" NPT bleed valve

Size B



SW 8 mm

SW 14 mm

1/4" NPT bleed valve

Straighten the breaking point of the bleed screw with a workshop file and bevel it with a countersink **9353020** ⑦.



2. PRIMARY DRILLING

Clamp the twist drill Ø 6.00 mm **9353016** ② or the twist drill Ø 8.50 mm **9353013** ④ (size B) in a drilling machine, moisten the drill with cutting oil and carefully drill out the bleed screw.



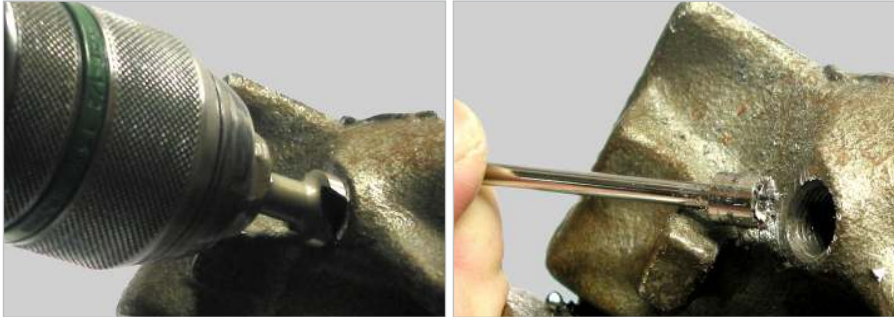
3. DRILLING OUT

Clamp the twist drill Ø 8.50 mm **9353013** (Size A) or the 3-fluted drill Ø 11.00 mm **9353011** (Size B) in a drilling machine and completely drill out the bleed screw.



4. COUNTERSINKING

Countersink the hole with countersink **9353020** for about 1 mm and remove the swarf with a vacuum cleaner or a magnet from the hole.



5. TAPPING

Clamp the proper tap NPT 1/4" **9353014** (Size A) or NPT 1/8" **9353018** (Size B) in a suitable tool, moisten the drill with cutting oil and tap a thread into the caliper. Pay attention to alignment and depth during tapping. After 3 to 4 turns always turn the tap half a turn back to break the chips. Remove the swarf with a vacuum cleaner or a magnet from the hole.



6. DEGREASING AND CLEANING

Degrease the hole and the new to be installed bleed valve (size A or size B) with brake cleaner and blow them dry with compressed air.



7. INSTALLING THE BLEED VALVE

Moisten the bleed valve with the thread sealant **9353008** and screw it in the brake caliper and tighten it with a spanner 11 mm or 14 mm.



Adhesive curing time	
Hand strength at room temperature	10-20 min
Final strength at room temperature	2-4 h

RECOMMENDED ACCESSORIES

COMBINATION SPANNER 1/4"

71150100 / 71111110 /
7111080 / 71111140



BRAKE BLEEDER KIT

6134465



BRAKE FLUID TESTER EBT

4223500



BRAKE FLUID TESTER

4224000



FLARING TOOL 4.75 MM DIN & SAE

6133214



CALIPER BLEED VALVE

9353007



CALIPER BLEED VALVE

9353006



LINE SEALING CLAMP SET

9097000





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