

# LASER<sup>®</sup>

Part No. 3991

## **Pneumatic Brake Caliper Rewind Tool Kit**

with 15 adaptors

### **Instructions**



[www.lasertools.co.uk](http://www.lasertools.co.uk)

## Introduction

This tool kit is a universal product suitable for use on disc brake calipers on most European and Japanese cars. Designed for rewind and push back pistons, it is an essential tool for caliper servicing and makes brake pad replacement quick and easy. Complete with pneumatic rewind tool for both left and right hand threaded pistons.

- For use with a workshop airline.
- Suitable for all adaptors with either fixed 2 pin type or 3/8" drives.
- Complete with 15 adaptors suitable for most modern vehicles.

*Piston seal - Part No. 2280.*

*Rewind tool also available separately - Part No. 3993.*

## Components & Applications

Drive Key	Description	Applications
0	60mm drive key with single pin	General Motors
2	50mm flanged drive key with extended pin	Citroën XM, Xantia
3	35/42/53mm variable size drive key	Alfa Romeo, Audi, BMW, Ford, Honda, Isuzu, Jaguar, Mercedes-Benz, Mitsubishi, Nissan, Rover, Toyota, VW, Volvo
4	30mm drive key	Alfa Romeo 164 2.0L; Saab 9000; Honda Prelude
5	32mm drive key for use with 3/8"D ratchet where minimum of force is necessary	Mazda 323/626; Toyota Celica, Corolla GT, MR2
6	40mm drive key with extended pins	Nissan Bluebird, Primera 2.0L; VW Golf IV
7	40mm drive key	Audi 80/90, V8; Honda Prelude; Jaguar XJ40; Nissan Silvia; Rover 800; Saab 9000; Subaru L Series, 2 Series; VW Golf, Passat, Corrado, GTX 16v, Scirocco
8	45mm flanged drive key	General Motors
K1	52mm flanged drive key	Citroën C5
A	3/8"D adaptor	
E	40mm drive key with 4 pins	Nissan Maximas
F	28mm drive key with extended pins	Vauxhall/Opel
K2	53mm drive key with 3 pins	Citroën CXM
M	31mm drive key	Ford Mondeo
N	30mm drive key for use with 12mm spanner	Saab, Honda

## Instructions

The following instructions are for guidance only. Please refer to OEM derived data such as the vehicle manufacturers' own data or Autodata.

The use of this tool is purely down to the user's discretion and The Tool Connection Ltd. cannot be held responsible for any damage caused what so ever.



1. First, park the car in accordance with best safety practice, but DO NOT apply the handbrake.
2. Next, jack up the car and remove the road wheel or wheels to expose the brake calipers on which you are going to work.
3. Remove one or both of the caliper retaining fasteners and either pivot the caliper away from the brake disc or detach it completely.

**NOTE: Take great care at all times not to damage or snag the brake hose as this may subsequently make the vehicle unsafe.**

**DO NOT allow the caliper to hang free by its flexible hose.**

4. Remove the worn brake pads after first disconnecting the wear warning wires if these are fitted.
5. Now select the appropriate drive key to suit the piston. (The drive key should be as near as possible to the same diameter as the piston).
6. Fit the drive key to the pressure shaft adaptor (5) has two pins to engage the drive key positively.
7. Make sure the pressure shaft is fully retracted to the maximum; connect airline to air connector on the rewind gun.
8. Slide the gun into position, locate reaction plate against caliper flange; locate piston key on to the piston. (To extend the shaft press the button on the left side of the gun).
9. Once located, press the left button to maintain pressure while turning the rewind handle, clockwise/anticlockwise. (Dependent on it being right or left hand threaded caliper).
10. When piston is returned to the correct position, release the pressure by pressing the right hand button. Disconnect airline, remove the rewind gun. Fit new pads and reassemble as per workshop manual.

## Warnings

Read these instructions through carefully before you use this tool kit. If you do not use the kit correctly, as described in these instructions, you may damage either the piston or the bore or both. You may also cause damage to the brake pipes, rendering the vehicle unsafe to drive.

For specific detailed instructions on using this kit correctly, please refer to the vehicle manufacturers' workshop manual.

**IMPORTANT:** always wear eye protection when using this tool kit.



**Safety First. Be Protected.**

Our products are designed to be used correctly and with care for the purpose for which they are intended. No liability is accepted by the Tool Connection for incorrect use of any of our products, and the Tool Connection cannot be held responsible for any damage to personnel, property or equipment when using the tools. Incorrect use will also invalidate the warranty.

If applicable, the applications database and any instructional information provided has been designed to offer general guidance for a particular tool's use and while all attention is given to the accuracy of the data no project should be attempted without referring first to the manufacturer's technical documentation (workshop or instruction manual) or the use of a recognised authority such as Autodata.

It is our policy to continually improve our products and thus we reserve the right to alter specifications and components without prior notice. It is the responsibility of the user to ensure the suitability of the tools and information prior to their use.



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Distributed by The Tool Connection Ltd

Kineton Road, Southam, Warwickshire CV47 0DR

T +44 (0) 1926 815000 F +44 (0) 1926 815888

info@toolconnection.co.uk [www.toolconnection.co.uk](http://www.toolconnection.co.uk)

### Guarantee

If this product fails through faulty materials or workmanship, contact our service department direct on: **+44 (0) 1926 818186**. Normal wear and tear are excluded as are consumable items and abuse.

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