3835

LASER®

Brake Caliper Rewind Tool Kit

18pc

Instructions

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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.

Warning notice

Read these instructions through carefully to ensure correct use. 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.

Important

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

0. 60mm Drive Key with single pin
1. Reaction Plate
2. 50mm - Flanged Drive Key with extended pin
3. 35/42/53 - variable size Drive Key
4. 30mm Drive Key
5. 32mm Drive Key for use with 3/8"D ratchet
6. 40mm Drive Key with extended pins
7. 40mm Drive Key
8. 45mm Flanged Drive Key
9. 52mm Flanged Drive Key
10. Right-handed Force Screw
11. Left-handed Force Screw
A. 28mm Drive Key with extended pins
E. 40mm Drive Key with 4 pins
F. 31mm Drive Key
K. 53mm Drive Key with 3 pins
M. 31mm Drive Key
N. 30mm Drive Key for use with 12mm spanner

Safety First. Be Protected.

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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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How to use

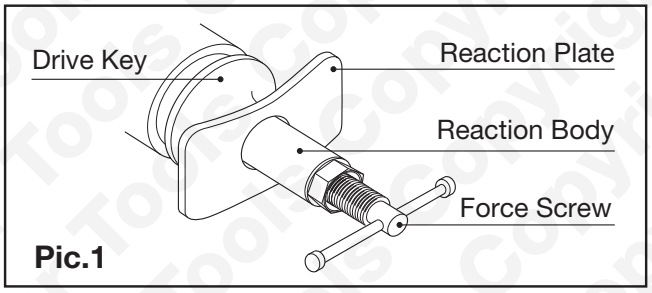
1. First, park the car in accordance with the best safety practice, but **DO NOT** apply the handbrake.
2. Next, jack up the car and remove the road wheel or wheels to expose the brake calipers on which you are going to work.
3. Remove one or both of the caliper retaining fasteners and either pivot the 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 position. The drive key should be as near as possible to the same diameter as the piston.
6. Fit the drive key to the force screw. To make this easier, the force screw is magnetic and has two pins to engage the drive key positively.

   Note: Some pistons need to be rewound under pressure. For this purpose, use the reaction plate (Pic.1)

   Lubricate the force screw with a few drops of oil before using it.
7. Slip the reaction plate over one arm of the T-bar on the force screw and manoeuvre it on to the reaction body so that it rests against the flange at the bottom of the body.
8. Now fit the reaction plate into the caliper fork (Pic.1) and tighten the force screw by turning the T-bar clockwise until the piston is fully rewound into the bore.
9. Finally, loosen the force screw by turning the T-bar anti-clockwise until you can remove the force screw and reaction plate from the caliper.
10. Fit new brake pads, service the caliper and reassemble.



Pic.1

Ref.	Description	Applications
0.	60mm Drive Key with single pin	General Motors
1.	Reaction Plate	
2.	50mm - Flanged Drive Key with extended pin	Citroën XM, Xantia
3.	35/42/53 - variable size Drive Key	Alfa Romeo, BMW, Ford, Honda, Jaguar, Mercedes-Benz, Mitsubishi, Nissan, Rover, Toyota, Volkswagen, Volvo
4.	30mm Drive Key	Alfa Romeo 164 2L, Saab 900
5.	32mm Drive Key for use with 3/8"D ratchet	For use with 3/8"D ratchet where minimum force is necessary. Also Mazda 323, 626; Toyota Celica, Corolla GT, MR2
6.	40mm Drive Key with extended pins	Nissan Bluebird, Primera 2L
7.	40mm Drive Key	Audi 80, 90, V8; Ford Sierra (ABS rear), Granada Scorpio; Honda Prelude; Jaguar XJ40 Series; Nissan Silvia 1.8 turbo; Rover 800 series; Saab 9000; Subaru L, 2 series; Volkswagen Golf, Passat
8.	45mm Flanged Drive Key	General Motors
9.	52mm Flanged Drive Key	General Motors
10.	Right-handed Force Screw	
11.	Left-handed Force Screw	
A.	28mm Drive Key with extended pins	Renault
E.	40mm Drive Key with 4 pins	Toyota
F.	31mm Drive Key	Renault
K.	53mm Drive Key with 3 pins	Citroën C5 (LH)
M.	31mm Drive Key	Ford Mondeo
N.	30mm Drive Key for use with 12mm spanner	Saab