

LASER[®]

You should have all the following components.

Description
Force Screw with Reaction Body and 3/8" Drive Key
Reaction Plate
Adaptor - Double Sided A/B

- **Adaptor - A Side**
Alfa Romeo | Audi | Citroën | Fiat | Ford | Honda | Jaguar | Nissan
Peugeot | Renault | Rover | Saab | Seat | Subaru | Volkswagen | Volvo
- **Adaptor - B Side**
Ford | Mazda | Mitsubishi | Toyota

How to use the Laser Piston Rewind Tool Kit

First, park the car in accordance with best safety practice, but DO NOT apply the handbrake. Next, jack up the car and remove the road wheel or wheels to expose the brake calipers on which you are going to work. 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.

Remove the worn brake pads after first disconnecting the wear warning wires if these are fitted. 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.)

Fit the drive key to the force screw (2). 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 (1).

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. Now fit the reaction plate into the caliper fork - see diagram - and tighten the force screw by turning the T-bar clockwise until the piston is fully rewound into the bore.

NOTE: Lubricate the force screw with a few drops of oil before using it.

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. Fit new brake pads, service the caliper and reassemble.

In cases where only a small amount of force is needed you can use the 3/8" drive key with a 3/8" drive ratchet and extension.

