

J&S Technical Information

Disc Brake Piston Wind Back Set – MM21005

Introduction

- A comprehensive set of special adaptors to enable the quickest way of replacing worn brake pads.
- Suitable for both “Wind-Back” and “Push-Back” pistons as found on most brake calipers including Annette and Collette types.
- Seven special adaptors included covering most popular car makes from Alfa Romeo to Volvo. Full application details overleaf.
- Practical storage case with adaptor identity plan and operating instructions.
- British made.

Contents



Set contents include one of each of the following parts:-

Ref.	Part Number.	Description.
A	21004-N	Reaction Nut
B	21004-S	Screw
C	21004-RP	Reaction Plate
D	21004-1	Drive Adaptor No1
E	21004-2	Drive Adaptor No2
F	23121	Drive Key 12 mm Hex.
G	21004-5	Swivel Drive Adaptor
H	21004-10	Drive Adaptor No.10
I	21004-3	Drive Adaptor No.3
J	21004-4	Drive Adaptor No.4
K	21005-C	Storage Case



J&S Technical Information

Disc Brake Piston Wind Back Set – MM21005

Application Details

Note Brake Caliper manufacturers are continually revising their designs, so the following applications are considered correct. The manufacturers of this Tool cannot be held responsible for subsequent changes and reserve the right to amend any detail given without prejudice.

Part No.	Application Details
21004-1	Audi 80, 90, & V8's Fiat Tipo TD 16V, Uno Turbo (85-) Ford Sierra (ABS rear), Granada '85 on. Ford (Australia & NZ) Thunderbird Turbo Honda CRX, 1.6i-16v ('88-90), Accord 1800 ('84-85), 2.0i ('86-), Prelude 16V ('88-) Jaguar XJ 40 series. Nissan 280 ZX ('82-84), 300 ZX Turbo ('84-89), Bluebird 16V ('59-), Silvia 1.8 Turbo ('85-88) Peugeot 405 SRi, GRi, GLi ('87-), 405 MI 16V Rover 800 series Saab 9000 Subaru L series & Series 2 Volkswagen Passat 2.0 & 2.2 litre ('84-), Golf Rallye ('89), Golf II GTi 16v ('59-), Corrado ('89-)
21004-2	Ford (Australia & NZ) Telstar, Laser Mazda 323 GTi, GTX ('86-), 929 ('82-), RX7 ('81-), 626 16V ('87-), 626 GT ('86-), 929 V6 ('88-) Mitsubishi Galant GLSi Toyota Celica, Corolla GT, MR2
21004-3	Alfa Romeo 164 2.0 litre, Saab 99L, 900 Turbo ('74-81), 900 ('81-'87)
21004-4	Nissan Primera 2.0
21004-5	Austin BMW Ford Escort Mk III, IV, Orion, XR3i Honda Isuzu Trooper Jaguar Mercedes-Benz Mitsubishi Nissan Rover Toyota Volkswagen
23121	Alfa Romeo 164 2.0 Twin Spark, 2.0 Turbo ('88-), 3.0 litre V6 rear Audi 200 ('80-), Coupe GT SE ('82-), 80,90,100,200,Quattro ('87), 90, 20v ('88-) Volkswagen Golf II GTi ('83-'87), Scirocco 16v ('84-) Lancia Thema Alte ('85-)
21004-10	Citroen XM, Xantia.



J&S Technical Information

Disc Brake Piston Wind Back Set – MM21005

Operating Instructions

- Safely park the car and in accordance with safe recognised procedures remove the appropriate road wheel.
- The hand brake should be off when servicing rear calipers.
- Remove one or both caliper retaining fasteners and either pivot or detach the caliper from the disc. Warning Do not snag or damage the flexible brake line and pad wear warning wires.
- Disconnect the pad wear warning wires and remove the worn pads.
- Check the brake fluid level. Remove some fluid if the level has been topped up due to pad wear, as the returning piston will push back the fluid.
- Select the correct Drive Adaptor to fit the piston. If little reaction force is required the Adaptor can be used in conjunction with a 3/8 Sq.Dr ratchet and extension. (FIG.1). Some pistons will require returning under pressure and will require the use of Reaction Nut and Screw Assy. (FIG.2) Retract the Screw to enable the Reaction Nut to be placed between the fork housing opposite the piston face. Attach the Adaptor to the Screw and locate against the piston face. Rotate the Reaction Nut back along the Screw until it contacts the caliper fork. Some forks may be wider than the Reaction Nut, so the Reaction Plate should be included (FIG.3) Do not return the piston beyond the front face of the housing. Always remove the tool after use.
- Fit new pads and reassemble the caliper etc. in conjunction with workshop manual instructions.

