

FITTING INSTRUCTIONS

VW-Beetle

Disc brake kit – Front axle

Internally ventilated

Contents:

- 2 Brake discs internally ventilated (PCD 130/4, 130/5, 100/4) either cross drilled or slotted.**

- 2 Calipers (2 Pot)**
1 Set of brake pads
2 Sets of wheel bearings
4 Screws M10x1.5x30/10.9
4 Spring washers M10x18
4 Spacers M10x20x4 mm
1 Accessory kit
2 Grease caps (only 4/100)

May also be fitted:

- 1 Main cylinder (BZ 52017 KER)**

- 2 Calipers (4 Pot)**
2 Adapter
1 Set of brake pads
2 Sets of wheel bearings
4 Screws M10x1.5x30/10.9
4 Screws M10x1.5x35/10.9
4 Spring washers M10x18
2 Grease caps (only 4/100)

Must be ordered separately:

- 1 Main cylinder (BZ 52017 KER)**

The following can also be ordered for the rear axle if:

- * Brake drums (PCD 130/4, 130/5, 100/4)
- * Uprated slave cylinders
- * Disc brake kit (see separate fitting instructions)

FITTING

Our brake kits 4- or 5- stud, can be fitted to all VW Beetles which were either fitted as standard with steering knuckles for disc brakes or have been converted at a later date.

NOTE: Dia. of the stub axle for the inner bearing - 29 mm.

'65-'67 models with could have 27 mm.

To mount the 4 Pot brake system it is necessary to send the stub axles to KERSCHER for reworking.

Remove the front brake discs, wheel bearings and splash gaurds.

Mount the KERSCHER discs and wheel bearings.

Fit the spacers supplied (2 Pot system only) between the steering knuckle and the brake caliper and fix firmly using the M10x1.5x30 bolts and spring washers supplied (60 Nm torque).



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With the 4-Pot system, fit the adapters supplied between the steering knuckle and the brake caliper and fix firmly using the M10x1.5x30 bolts and spring washers supplied (60 Nm torque). The brake calipers are then fixed in place using the M10x1.5x35 screws (also 60Nm torque).

Exchange modified brake drums on the rear axle (when necessary)

Exchange the rear brake drums with those supplied, PCD 100/4 or 130/5 as required.

It is important to use the correct wheel bolts when fitting modified 4-hole or 5-hole wheels.

Bedding in the brake pads

On the first drive after fitting new pads, the vehicle should be braked several times from approx. 80 km/h / 50 mph to 40 km/h / 25 mph with only light pedal pressure.

Allow the brakes time to cool between each cycle.

Try to avoid panic braking!

New brake pads should be bedded in over approx. 2000 km / 1250 miles, only after this distance do they reach their full effectiveness.