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SYMPATHETIC SOLUTIONS TO CLASSIC ISSUES...

TSR SINGLE DISC BRAKE UPGRADE KIT (BMW R series 1980-84) £335 including VAT and UK delivery

Please read ALL of this description carefully to ensure that this is suitable for your needs.

This is a front brake upgrade for 1980-84 Airheads fitted with a single disc (twin disc kit also available). It works with the original cast wheel or spoked wheel, inner disc carrier ([see note below](#)), and the original 12 or 13mm master cylinder (if you have a choice, a 12mm master cylinder is the best option).

Note re inner disc carrier: We can supply a brand new Brembo carrier if required (£60 extra if ordered with your brake kit), or you can re-use your old one. Your carrier must be the type with 10 fixings for the outer disc rotor. Some carriers have bolt-on rotors (so you simply replace the old rotor with our disc), and some are rivetted (in this case you'd need to remove the rivets and fit our disc using M6 bolts and Nyloc nuts).



As compared to the original brake, this kit provides around 45% more power, but more importantly, it gives a much more progressive action, which provides a lot more feel/control with less effort, and makes the bike more suited to modern day use. When designing our kit, we were careful to get the balance right. Most classic bike brakes are less than ideal, so in most cases, more power and feel is a good thing – but old bikes

do not have ABS, so it's important not to over-do it. We think that our kit gets that balance right and provides a very useful and noticeable improvement, without going over the top.

We use a traditional axial mounted caliper in black because it provides more than enough power for any situation, and because it is subtle and much more in-keeping with classic/retro look.

Everything shown in the above photo is included, along with a caliper piston removal tool (not shown). All parts are brand new, and the only additional parts you need are the original master cylinder, and a brake hose to suit your bike.

Specifically, our brake kit includes:

- 1 x 320mm floating disc made to our specification by a specialist brake disc manufacturer. The disc rotor is stainless steel and the inner carrier is aircraft grade aluminium alloy.
- 1 x 4 piston CNC billet machined alloy brake caliper (left or right hand), made to our specification by a specialist caliper manufacturer.
- SBS sintered brake pads.
- 1 x caliper mounting bracket & spacers in aircraft grade alloy, CNC billet machined by us here in the UK.
- All the necessary fasteners in stainless steel.
- Detailed fitting instructions.

Please note: Our calipers are not fitted with additional dust seals for 2 very good reasons... Firstly, dust seals are not all that effective, and when dust gets behind the seals (which it always does, quite quickly), it cannot get out, so it builds up inside, causing wear/corrosion, and making the brakes drag. With no dust seals, the dust still gets in, but crucially, it can also get out again. Secondly, dust seals increase piston friction significantly, which increases brake drag even when the calipers & seals are clean, and makes the brakes less reactive when applied/released. This is why dust seals are not fitted on competition machines for example.

Orders, payment & delivery/collection: If you want to place an order, drop us an email and we'll take it from there. Payment is by bank transfer (preferred) or Paypal. Royal Mail 48 Tracked delivery is free for orders over £150. For smaller orders, it's £7.50. You can collect by prior appointment if you prefer – we are near Maidstone in Kent.

Important: While our products can be successfully installed by any competent/experienced home mechanic, we strongly recommend that you get your installation checked by a suitably qualified & experienced motorcycle technician. **If you would like your kit professionally installed**, we offer a fitting service at our workshop in Kent (contact us for details).