

TSR^{retro}

01580 890346

tsretro@gmx.co.uk

SYMPATHETIC SOLUTIONS TO CLASSIC ISSUES...

TSR BILLET ALLOY TOP YOKE (TRIPLE CLAMP) UPGRADE

Fits most BMW R series 1976 to 1984 with 36mm forks

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

The original pressed steel top yoke fitted to classic R series Airheads is woefully inadequate – our yoke is designed to address this issue, and allows you to re-use the original BMW instrument mounting bracket, steering damper (if fitted) and fork top caps. The commonly available aftermarket accessory/gauge mounting brackets can also be re-used if required. Page 2 shows the yoke-related add-ons that we offer – some are required for certain models, and some are optional.



BARE YOKE: £145 incl. VAT

Our yoke is around 15 times stronger/stiffer than the original, it is CNC billet machined from aircraft grade alloy by us here in the UK, and it comes with 2 stainless steel pinch bolts. There are 4 holes to accept the original BMW instrument mounting bracket, and a pair of 12mm holes to suit our handlebar mounts/risers (or other similar mounts).

Why do you need one of our yokes?

The original pressed steel yoke is flimsy, and has no pinch bolts, so it cannot align, locate and hold the forks as it should. Without pinch bolts, the top yoke is little more than a handlebar mounting plate. Just look at all the other bikes in the World – with the exception of a few scooters & lightweights, all have pinch bolts on the top yoke, for good reason. This would be less of an issue if the bottom yoke was a sturdy item, but it is not – typically it's made of a very soft/weak alloy, which makes a decent top yoke even more important. Some choose to fit a fork brace, but in reality, a fork brace is of little or no benefit. In fact, the commonly available clamp-on braces we've seen are a backward step because when you tighten the clamp bolts, they crush the fork sliders, and in turn the fork seals, causing a huge amount of stiction in the forks, which prevents them working properly. A fork brace also adds to the un-sprung weight (not ideal), and really does little more than the sturdy front fender bracket fitted to most bikes already does. So, in our view, the commonly available fork braces (the ones we have seen at least) are counter-productive, and if you want to improve fork location and reduce twisting, a decent top yoke is a must.



ADD-ON A: Alloy handlebar mounts/risers £25/pair

For all 22mm diameter handlebars. The height from the top the top face of yoke to the centre of the 'bars is 31mm. Note that the original BMW handlebar mounts cannot be used with our yoke.



ADD-ON B: Alloy fork top caps £50/pair

Replaces the original steel fork caps. CNC machined in the UK from aircraft grade alloy. They look good, and are a lot lighter than the originals! If you re-use the original caps instead, you will need ADD-ON C.



ADD-ON C: Original fork cap spacers £15/pair

These alloy spacers are CNC machined by us here in the UK, and allow you to re-use the original steel fork caps with our yoke. Note that if you use our alloy top caps (see ADD-ON B above), these spacers are not required.



ADD-ON D: Headlamp bracket spacers £15/pair

These alloy spacers are required for all models that have the original pressed steel type headlamp brackets/shrouds on the forks. Models that do not have headlamp brackets on the forks (RS/RT models for example) do not need these spacers.

ADD-ON E: Instrument mounting screws & washers £5/set

Stainless steel fastener set used to fit the original BMW instrument mounting bracket to the underside of our yoke. Contains 4 bolts of the correct length and 4 washers with O.D. to match the original rubber mounts.

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).