

## Fitting Instructions

**Description:** Anti-Roll Bar Kit

**Applications:** TR4

### Fitting Notes

These fitting instructions cover the installation of our Anti-Roll Bar Kit to both the bumper irons, as original.

The original Triumph anti-roll bar was quite thin and the fixing brackets to the chassis/bumper irons were really useless, and would get bent at the slightest provocation. Curbs and speed bumps would be totally impossible to negotiate, so a more realistic method of attachment was essential.

### Fitting Instructions – Bumper Iron Mounting

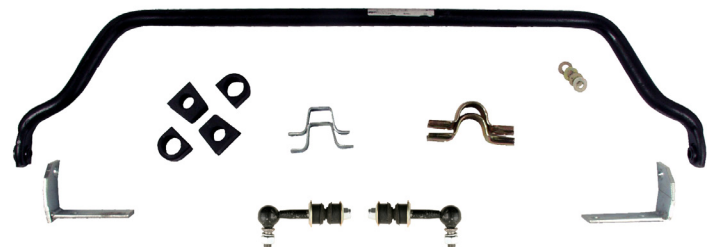
1. The TR4 needs to be off the ground to do this job, and raised in the air so there is sufficient space to work safely and the wheels are in their correct road position with the weight of the car on them. A set of ramps, a pit or lift helps a great deal to achieve this.
2. Fit the drop links to the lower wishbones. These are as per TR6 type and should drop down from the wishbones. The kit includes the necessary brackets, drop links and hardware for installation. See Fig: 1-2.
3. Fit the anti-roll bar centre mount bushes & brackets over the anti-roll bar.
4. Fit the anti-roll bar to the drop links. Loosely install the nuts on the drop link spigot so the bar is retained correctly in the bushes & washers.
5. Swivel the ARB upwards until the flat face of the centre mountings meets the bumper irons. Position carefully and mark the bumper irons for drilling the holes for the U bolts to pass through. Ensure that the drop links remain vertical when marking. The bar can be attached with wire or a cable tie while the marking out is being done. Drill 4 x 8mm (5/16") holes. De-burr the holes and treat with rust prevention as required. See Fig 3.
6. Install the U bolts over the ARB centre mount bushes & clamps and through the bumper irons. Retain loosely with nuts & washers. Check alignment of the ARB and tighten all fixings.

**Please Note:** The bar is quite a snug fit round the chassis, so ensure it is central before fully tightening the clamps, also the bar will self centre in use.

### Fitting Instructions -Radiator Shield Mounting

1. Install the radiator shield as per the supplied instructions. See below.
2. Fit the drop links to the lower wishbones. These are as per TR6 type and should drop down from the wishbones. The kit includes the necessary brackets, drop links and hardware for installation. See Fig: 1-2.
3. Fit the anti-roll bar centre mount bushes & brackets over the anti-roll bar.
4. Fit the anti-roll bar to the drop links. Loosely install the nuts on the drop link spigot so the bar is retained correctly in the bushes & washers.
5. Swivel the ARB upwards until the flat face of the centre mountings meet the radiator shield. Align the brackets with the holes on the angled face of the radiator shield.
6. Install the U bolts over the ARB centre mount bushes & clamps and through the radiator shield. Retain loosely with nuts & washers. Check alignment of the ARB and tighten all fixings. See Fig 3.

**Please Note:** The bar is quite a snug fit round the chassis, so ensure it is central before fully tightening the clamps, also the bar will self centre in use.



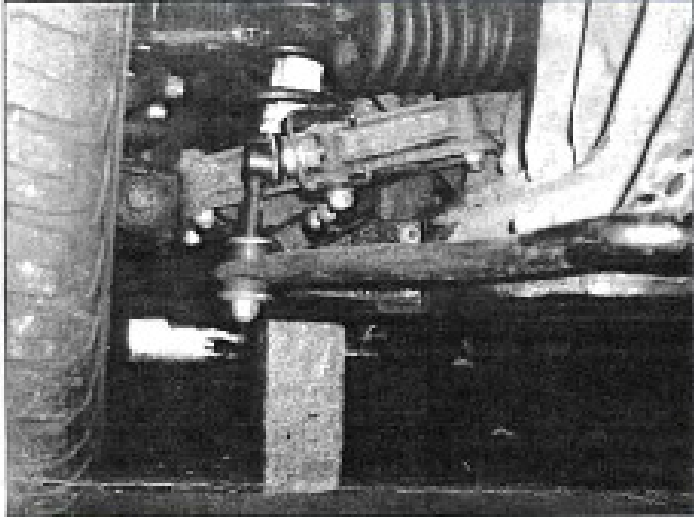


Fig 1: Bracket, drop link & spacer fitted to wishbone

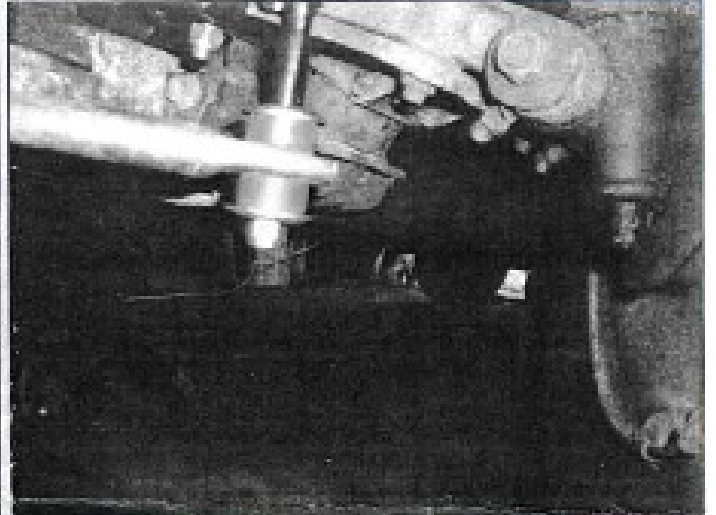


Fig 2: Assembly of drop link bushes & washers onto ARB.

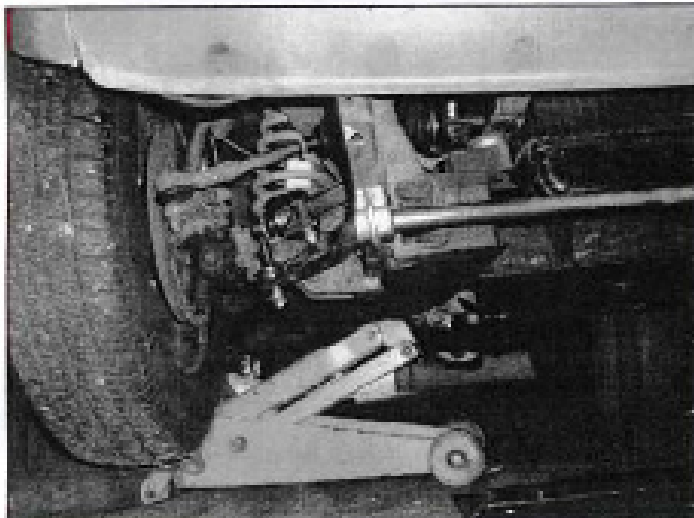


Fig 3: ARB centre mounts fitted to bumper irons



Fig 4: ARB centre mounts fitted to rally radiator shield.