



**TF175: TERRAFIRMA 4 STAGE ADJUSTABLE SHOCK ABSORBER – +2” LONGER - REAR**

**DEFENDER 90 / 110 / 130, DISCOVERY 1 & RANGE ROVER CLASSIC**

**FITTING INSTRUCTIONS**

1. Put the car into gear and apply the hand brake, loosen rear wheel nuts, raise vehicle on a jack and then support the rear axle on axle stands.
2. Remove the rear wheels.
3. Undo the nut on the bottom of the shock absorber remove all bushes and washers.
4. Undo the nut on the top shock absorber chassis mount and then pull the shock absorber off of the mounting removing all bushes and washers.
5. Fit the new shock over the top chassis mounting, with the new washers and bushes in the correct order and the correct way around, the convex side of the curved washers must be against the rubber bush, and then tighten the top nut.
6. Fit the upper bottom washers and bush, before pulling the lower part of the shock absorber down through the axle mounting bracket \*. Then fit the lower bottom washers and bush and the securing nut, Tighten the bottom securing nut.
7. When both sides are done refit wheels lower the car off of the axle stands and torque the wheel nuts correctly.
8. 4-stage adjustable shocks are designed with an adjustable knob at the lower end of the body that allows you to configure your ride depending on your needs and your desired comfort. No.1 is the softest comfort setting increasing to No. 4 for the firmest sport setting.
  - **IMPORTANT** – It is essential to remove the two metal bush cups found on post 1994 Defenders and Discovery rear axles at the lower axle shock mounting bracket, this will allow unrestricted movement of the lower shock mount.
  - Ensure the two domed machined top mounting washers are fitted the correct way around with the domed surface against the rubber bush.
  - Allowing the flat side of the top shock washers to bind against the shock absorber eye can cause premature shock failure and invalidate the warranty
  - Allowing the shock bush washers to contact the metal bush cup can cause premature shock failure and invalidate the warranty



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