



**TF482: TERRAFIRMA 8 STAGE ADJUSTABLE MONOTUBE SHOCK ABSORBER**

**WITH REMOTE RESERVOIR - +2" LONGER – REAR**

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

**FITTING INSTRUCTIONS**

1. Put the car into gear and apply the hand brake, loosen the rear wheel nuts, raise the 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.
- \*NOTE – For long travel (+2" and longer) shocks it is an advantage to remove the metal bush cups found on post 1994 Defenders and Discovery rear axles, this will allow unrestricted movement of the lower shock mount.
  - Allowing the shock bush washers to contact the metal bush cup can cause premature shock failure.



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- \* TerrafirMa Remote Reservoir Shocks must be fitted with the shaft / gaiter at the bottom, and the main shock body at the top.
- \* When fitting the rear shocks, it is necessary to find a suitable location for mounting the reservoir. It is possible to fit the reservoir anywhere so long as it is mounted securely and the hose or reservoir will not foul on any moving parts.
- \* Ensure that after off-road use the shock and reservoir are both cleaned of mud and debris, check that the gaiter is secure and undamaged and cleaned inside.
- \* Ensure all bushes and mountings are in good order and free from damage.
- \* The 8-stage adjuster has 8 different settings, No. 1 is the softest comfort setting moving up to No. 8 which is the firmest sport setting.



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