



TF519: TERRAFIRMA EXTREME LONG TRAVEL REAR TOP SHOCK MOUNTS

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. Undo the 3 bolts that hold the original top shock absorber mounting to the chassis and remove the whole assembly.
6. Using the 3 new bolts from the kit; fit the new Terrafirma extreme long travel rear top shock mount. The hole for the shock absorber pin should face towards the front of the vehicle.
7. Fit the top of the new shock through the special Terrafirma extreme long travel rear top shock mounts with the washers and bushes in the correct order, fit and tighten the securing nut.
8. 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.
9. 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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