

**TF511: TERRAFIRMA DISLOCATION CONES – REAR****DEFENDER 110 / 130****FITTING INSTRUCTIONS**

1. Put the car into gear or park and apply the hand brake, loosen the rear wheel nuts on one side, raise the vehicle on a trolley or bottle jack under the axle and then support the vehicle with an axle stand under the chassis. It's easier and safer to do this job one side at a time.
2. Remove the rear wheel
3. Undo the top shock absorber retaining nut and pull the shock absorber off of the chassis mounting pin. (this is just to allow the axle to be lowered)
4. Undo the 2 bolts which hold the spring retaining plate in place.
5. Gently lower the axle on the jack, the axle will lower the spring away from the chassis and the spring will become loose. Once this happens stop lowering the axle and remove the old spring
6. Clean the spring seat and retaining plate.
7. Place the lower cone part up underneath the upper spring chassis plate.
8. The upper retaining plate of the dislocation cone sits on top of the upper spring chassis plate.
9. Bolt the two plates together "sandwiching" the upper spring chassis plate between the two and tighten the bolts.
10. Refit the spring retaining plate (we would recommend you upgrade to TerrafirMa spring retaining plates, TF507), Tighten the bolts making sure the retaining plate is holding the spring tightly in place.
11. Gently raise the axle back up using the jack and ensuring the spring relocates over the new dislocation cone and into the upper chassis mount.
12. Refit the top of the shock absorber onto the chassis mount pin and tighten the nut.
13. Refit the wheel, lower the car off of the axle stand and torque the wheel nuts correctly.
14. Repeat the procedure on the other side.



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