

**TF501: TERRAFIRMA DISLOCATION CONES – FRONT****DEFENDER 90 / 110 / 130, DISCOVERY 1 & RANGE ROVER CLASSIC****FITTING INSTRUCTIONS**

1. Put the car into gear or park and apply the hand brake, loosen the front 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 front wheel.
3. Undo the nut on the bottom of the shock absorber remove all bushes and washers.
4. 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. Take care not to stretch the brake lines.
5. Remove the plastic cover on the inner wheel arch and expose the top of the turret.
6. Compress the shock absorber upwards to allow the spring to be removed if required. Undo the 4 nuts securing the turret and then pull the shock absorber and turret up out of the way.
7. Push the standard turret securing ring down out of the chassis mounting. There should be enough of a gap at the top above the spring now you have lowered the axle, if not the spring will need to be removed.
8. Push the securing ring up over the new Terrafirma dislocation cone and then both up into the chassis mounting, refit the spring if you removed it.
9. Gently raise the axle back up using the jack and ensuring the spring relocates over the dislocation cone and then into the top chassis mount.
10. Pull the shock absorber back down through the new spring, refit the turret, and fit the upper bottom washers and bush, before pulling the lower part of the shock down through the spring seat. Then fit the lower bottom washers and bush and the securing nut, Tighten the bottom securing nut.
11. Re-fit the plastic cover on the inner wheel arch.
12. Refit the wheel, lower the car off of the axle stand and torque the wheel nuts correctly.
13. Repeat the procedure on the other side.



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