

**TF490: TERRAFIRMA DISLOCATION CONES – FRONT****DISCOVERY 2****FITTING INSTRUCTIONS**

NB. Optimum fitment of these dislocation cones will require TF502 securing rings. To ensure the coil spring relocates correctly we recommend TF524 spring retainer plates.

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 lower shock mount nuts and bolts, to disconnect the shock from the axle.
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. Compress the shock absorber upwards to allow the spring to be removed. Undo the 4 nuts securing the shock turret and then lift the shock absorber and turret up out of the way.
6. Push the standard turret securing ring down out of the chassis mounting. There should be enough room above the spring now you have lowered the axle, if not the spring will need to be removed.
7. Slide the securing ring over the new Terrafirma dislocation cone and then both up into the chassis mounting, refit the spring if you removed it. The cut outs are designed to allow for shock movement during articulation.
8. 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.
9. Guide the shock absorber and turret back into place onto the securing ring studs, pull the lower part of the shock down to the spring seat. Then attach the lower shock mount to the axle using the standard bolts & nuts, torqued to the factory setting. Alternatively install TF524 spring retainer plates.
10. Refit the wheel, lower the car off of the axle stand and torque the wheel nuts correctly.
11. Repeat the procedure on the other side.



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