

**TF015: TERRAFIRMA HEAVY LOAD COIL SPRINGS (PAIR) - +2" LONGER - FRONT****TF015: TERRAFIRMA LIGHT LOAD COIL SPRINGS (PAIR) - +2" LONGER – REAR****DEFENDER 90, DISCOVERY 1 & RANGE ROVER CLASSIC – FRONT & REAR****DEFENDER 110 / 130 – FRONT ONLY****FITTING INSTRUCTIONS****FRONT FITMENT.**

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. Compress the shock absorber upwards to allow the spring to be removed. If the car has gas shock absorbers fitted it may be necessary to undo the 4 nuts securing the turret and then pull the shock absorber and turret up out of the way.
6. Clean the spring plate on the axle and fit the new spring ensuring you use the correct spring for the side of the vehicle you are changing as the springs are normally handed.
7. Gently raise the axle back up using the jack and ensuring the spring relocates into the top chassis mount.
8. Pull the shock absorber back down through the new spring, refit the turret if you had to remove it, 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.
9. Refit the wheel, lower the car off of the axle stand and torque the wheel nuts correctly.
10. Repeat the procedure on the other side.

REAR FITMENT.

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)

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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, fit the new spring, ensuring you use the correct spring for the side of the vehicle you are changing as the springs are normally handed.
7. Refit the spring retaining plate tighten the bolts making sure the retaining plate is holding the spring tightly in place.
8. Gently raise the axle back up using the jack and ensuring the spring relocates into the top chassis mount.
9. Refit the top of the shock absorber onto the chassis mount pin and tighten the nut.
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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