



TF529: TERRAFIRMA CASTOR CORRECTED FRONT RADIUS ARMS – 3 DEGREE FOR 2" LIFT

DISCOVERY 2

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. Lower the car so the axle stand takes most of the cars weight but leave the jack under the axle to support the axle's weight.
4. Clean all 3 mounting nuts and bolts and treat with a penetrating fluid if necessary.
5. Remove the split pin, then loosen and remove the nut and washer securing the track rod ball-joint to the swivel housing. Then remove the ball joint from the tapered hole on the rear of the swivel housing.
6. Undo and remove the rearmost (chassis end) nut and bolt, It is recommended that if the bolt is worn it should be replaced.
7. Undo and remove the nuts and bolts retaining the radius arm to the axle, it is recommended that if the bolts are worn they should be replaced.
8. Carefully drop the radius arm down and out of the axle brackets and the chassis bracket.
9. Take your new castor corrected radius arm with the new bushes you have fitted into both ends, and lift up into place at the chassis end and re-fit the bolt and nut loosely
10. Lift the axle end up into the brackets and re-fit the bolts and nuts loosely.
11. Re-connect the track rod ball joint to the tapered hole in the swivel housing, tighten up the nut to the correct torque setting and then fit a new split pin.
12. Tighten the nut and bolt at the chassis end to the correct torque setting.
13. Tighten the two axle end mounting bolts up to the correct torque setting.
14. Refit the wheel, lower the car off of the axle stand and torque the wheel nuts correctly.
15. Repeat the procedure on the other side of the car.
16. **NOTE: these arms are supplied without bushes to enable you to fit the replacement bush of your choice, including TF polyurethane bushes**

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