



TF509: TERRAFIRMA CRANKED REAR RADIUS ARMS

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 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. 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 mounting nuts and bolts and treat with a penetrating fluid if necessary.
5. It is usually easier to remove the 3 smaller nuts and bolts that hold the front triangular bush to the chassis mounting that the arm in-turn bolts through.
6. Undo and remove the nut and bolt retaining the radius arm to the axle, it is recommended that if the bolt is worn it should be replaced.
7. Carefully drop the radius arm down and out of the axle bracket and then remove the arm complete with the front triangular bush back through the chassis bracket.
8. Hold the old arm securely in a vice or similar and remove the large nut on the front end and then remove the triangular bush.
9. Take your new cranked rear radius arm with the new bush you have fitted into the axle end, and place the triangular bush over the threaded front end re-fit the large nut but do not tighten fully.
10. Lift up into place through the chassis mounting and re-fit the 3 nuts and bolts through the triangular bush to the correct torque setting.
11. Lift the axle end up to the bracket and re-fit the bolt and nut to the correct torque setting.
12. Tighten the large nut at the chassis end to the correct torque setting.
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 of the car.

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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