

**REC5532: CREEPER JOINT REAR RADIUS ARMS****DEFENDER 90, DISCOVERY 1 & RANGE ROVER CLASSIC****FITTING INSTRUCTIONS**

1. Put the car into gear or park and apply the hand brake.
2. Measure the distance from axle to chassis mount on both sides of the vehicle.
3. 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.
4. Remove one rear wheel.
5. 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.
6. Clean all mounting nuts and bolts and treat with a penetrating fluid if necessary.
7. 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.
8. Undo and remove the nut and bolt retaining the radius arm to the axle, it is recommended that if either the nut or bolt are worn, they should be replaced (bolt - BH610321L & nut - NY610041L).
9. 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.
10. Install your preferred bush in to the axle end of both radius arms.
11. Clean the flat of the chassis mounting surface and then bolt the new mounting for the Johnny jointed end up to the chassis using the 3 nuts and bolts and torque to the correct setting. Make sure you get this the correct way





12. Ensure the rear axle is centralised in the rear wheel arch
13. Screw a threaded johnny joint in to the end of each radius arm before adjusting the lengths to ensure they both match the measurement taken prior to removing the original radius arms. Note that there's a grease nipple in the johnny joint, orientating it downwards when fitted to the vehicle provides better access should you wish to grease the joint
14. Once correct, gently tighten the locknut.
15. Attach the bushed end of the arm to the axle using the nut & bolt, then lift front end of the arm up, inserting the johnny joint in to the chassis mounted bracket, securing in place with the fasteners provided.
16. Once fitted, tighten all fasteners etc to the correct torque setting, remembering to tighten the johnny joint locknut if you've not already done so.
17. Refit the wheel, lower the car off of the axle stand and torque the wheel nuts correctly.
18. Repeat the procedure on the other side of the car.

