

Discovery 2 Rear Lift Kit For Vehicles With Air Suspension

BRITPART

The quality parts for Land Rovers

FITTING INSTRUCTIONS

Part Number - DA6342

Congratulations on purchasing this Britpart kit which allows you to lift your rear air suspension on your vehicle 40mm (approx 2"). We strongly recommend that this kit be used in conjunction with either our Britpart front Discovery 2 40mm lift blocks DA6341 with spring part numbers DA4199 for vehicles without winch bumpers or with spring part numbers DA4198 for vehicles with winch bumpers – this is to ensure that the vehicle sits at a level ride height.

Kit List - In this kit are the following:-



- 2 x 40mm aluminium spacer blocks
- 4 x Allen bolts for securing spacer block to axle
- 2 x Height sensor extension brackets
- 2 x Nuts and bolts for height sensor extension brackets
- 1 x 8.5mm drill bit and 10mm tap

Fitting Instructions

Any work that involves altering suspension components should only be undertaken by a competent person. If in doubt consult your local garage.

Only work on one side of the vehicle at a time.

1. Using Test Book, depressurise the SLS air system. After depressurisation, approximately 1 bar (lbf/in) air pressure remains in the system.
2. Raise the rear of the vehicle and support under chassis.
3. **WARNING:** Do not work on or under vehicle supported only by a jack. ALWAYS support the vehicle on safety stands. Always chock the wheels.
4. Remove road wheel.
5. Remove 2 clips securing air spring to chassis.
6. Collapse air spring and disconnect pipe from top of air spring.

CAUTION: Always fit plugs to open connections to prevent contamination.

7. Rotate air spring to unlock from axle and remove from vehicle.
8. Using the 10mm tap and a tap wrench cut threads into axle spring seat. Note - If the holes are undersize use 8.5mm drill bit supplied to drill hole big enough to use tap. - see photo.



9. Clean mating surfaces of air spring, axle and chassis and ensure all swarf is removed.
10. Bolt the 40mm spacer block to the axle using 2 of the 4 bolts supplied (we recommend that you use Loctite on these bolts).
11. Undo the height sensor arm that is attached to the trailing arm and attach the extender bracket to fit between the trailing arm and the sensor arm (therefore extending the length of the sensor arm).

Refit of Air Spring

CAUTION: Check air bag for signs of damage. If air spring is damaged, air spring must be replaced.

1. Fit pipe connector to air spring.
2. Locate air spring on spacer block and rotate 90 degrees to fully engage bayonet fitting.
3. Connect pipe to top of air spring.
4. Engage top locating pins of air spring in chassis and secure with clips.
5. Repressurise SLS air system using Test Book

WARNING : Eye protection must be worn during the repressurisation procedure

6. Refit road wheel and tighten nuts to 140Nm (103lbf/ft)
7. Remove stand(s) and lower vehicle.

Disclaimer

These fitting instructions are intended for general guidance only. No responsibility will be accepted for damage to persons, property, equipment or vehicles caused during or arising from the fitment or using of this product. Fitting this item to your vehicle may constitute a vehicle modification and therefore we strongly recommend that you check the product complies with local laws and legislation and always inform the vehicle's insurance company accordingly.

