

Door lock spring replacement for Land Rover Discovery 1 Range Rover Classic (FRONT DOORS)

Introduction



Struggling to unlock your Land Rover? Turning the key and pulling the handle to open your doors? Or fed up of holding up the latch to open the doors?

The poor quality springs within your door lock mechanisms wear and can even snap causing these symptoms. The springs within the door lock actuator mechanisms deteriorate over time, the OEM spring is made from cheap metal which wears quickly, this wear leads to the symptoms noted above.

Fit our improved design Stainless Steel Springs and restore your door locks to full

health for good.

Made from high quality Stainless Steel (will not deteriorate over time like springs offered by some others) our improved design thicker wound springs will restore your lock and will not deteriorate over time like the OEM part. Save the cost of a replacement actuator that will just fail again!

Range Rover MK1 Classic 1970-1996

Land Rover MK1 Discovery 1989-1998

X8R Ltd www.x8r.co.uk

Step 1: Remove grab handle



For instruction purposes only this repair is carried out on the bench, this repair can and should be carried out in situ on the vehicle.

Remove grab handle by unscrewing 2x 10mm bolts.

Step 2: Remove latch surround



Remove the latch lever plastic surround by holding open the lever and unscrewing the screw underneath. Slide the plastic trim out.

Step 3: Remove door trim

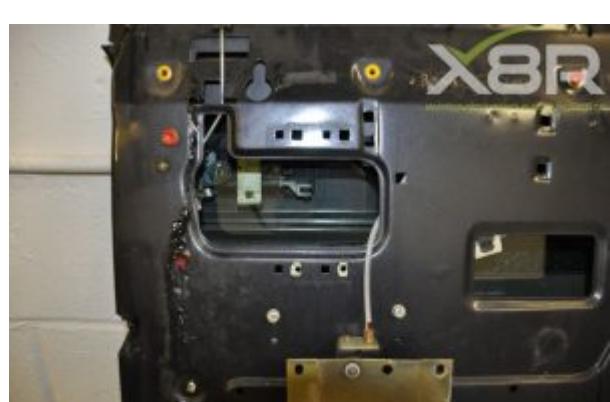




Now prise away the door card, start at the base of the door and work around the trim until free.

Dependant on if the door panel has been off before or not, you may find a plastic sheet covering the door components, if care is taken this can be removed in one piece and can be reused.

Step 4: Raise window



Raise the window so that the window base is above the locking mechanism this allows access to the control rods at the top.

Disconnect the vehicles battery.

Step 5: Loosen window frame.



Loosen window frame by removing the two bolts shown.

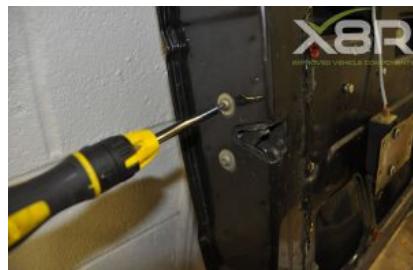
Step 6: Lift window frame



Disconnect electrical connectors to the mirror and carefully lift the window frame

so that the bottom of the frame is above the door latch allowing access.

Step 7: Release door lock



Unscrew the latch lever and twist linkage out of position

Disconnect door lock actuator.

Remove top two linkages shown.

Release door lock, remove the two large screws on the edge of the door and 13mm bolt on the face, on this bolt there is a spacer between the lock mechanism and the door skin, take care to retain this.

Move the door lock up to the upper opening.

Step 8: Remove lock



Disconnect toothed clip with small pliers and remove linkage.

We recommend not removing the linkage to the door handle from the locking mechanism as this can be hard to re-adjust.

Move lock down and remove from bottom opening in door.

Step 9: Fit new spring



Position lock as shown, you will see from image where spring should be located, remove remains of old spring if evident.

Fit the new spring in to the round hole first, using a small screw driver prise the other end in to the triangular hole.

Test the operation of the spring and reinstall.

If you need any further guidance on this install or would like to purchase the parts shown please call us on +44 01843 446643 or email us at sales@x8r.co.uk.

Please also check out our instruction guide on YouTube.

www.x8r.co.uk

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