



TF543: TERRAFIRMA HYDRAULIC BUMP STOP REAR MOUNTING KIT

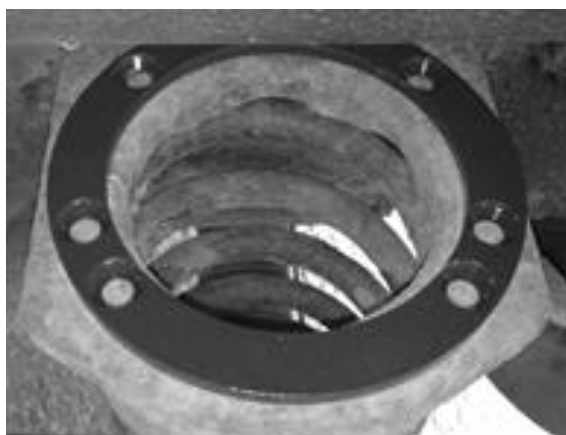
DEFENDER 90, DISCOVERY 1 & RANGE ROVER CLASSIC

FITTING INSTRUCTIONS

Put the car into gear and apply the hand brake.

Remove the spring, spring seat and any spring retaining devices fitted.

Take the round ring with the countersunk holes in it and place on top of the spring mount. There are six holes in the mount, position the ring with the four holes outwards and align them.



Mark the four holes on the outer edge of the ring. Drill these through with a 9mm drill.

The inner holes can only be accessed from underneath the spring mount, so using the countersunk bolts mount the ring underneath the spring mount (with countersunk holes downwards). Use all four bolts to locate the ring and nip them up.

Mark the inner holes and either drill through using the ring as a guide or remove the ring to drill.

Dress the holes and ensure no burrs are present as these will prevent the plate sitting flat.

Place the bump-stop mount on top of the spring mount and locate in-line with the drilled holes.

Refit the retainer ring underneath the mount and fully tighten using the M8x30 countersunk bolts with washers and nuts provided.

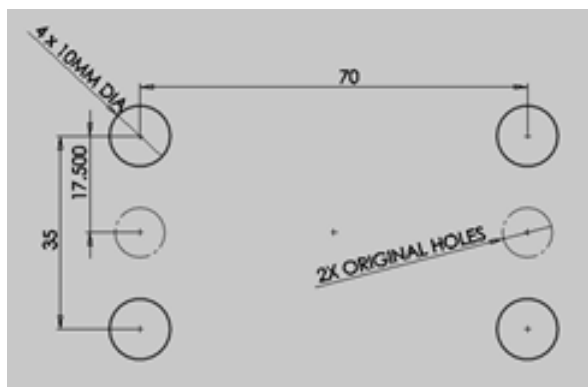
Using light oil, copper ease or similar, coat the inside of the bump-stop tube to make it easier to remove in the future.

Fit the bump-stop into the tube, using the appropriate steel spacers. As a guide two rings for a 2" lift, but this will depend on your suspension system and height.

Using two M10x50 hex bolts with washers and nuts tighten the bump-stop in place, these do not need to be excessively tightened as these don't see any strain and only hold the bump-stop in place.

Four new holes need to be drilled into each spring seat, so measure and mark the new holes as per the drawing below.

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Once marked, position the external relocation plate over on the mount and check the marked position matches up with the holes in the plate. Once you are happy with this drill through the plate using a 10mm drill bit.

Make sure you have removed any burrs from the metal before fitting the plate.

Mount the plates facing forward as below. Use the four countersunk M8x20 bolts tighten fully with washers and Nyloc nuts.



Refit the spring, placing the spring retainer plate (looks like lots of fingers) between the first and second windings top of the spring. Then using the three M10*50 bolts with washers, clamp this up to the top passing the bolts through the bump-stop mount and securing with washers and Nyloc nuts.



Repeat the process on the other side.

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