

**TF541: TERRAFIRMA MEGA SPORT MONOTUBE REAR SHOCK MOUNTING KIT****DEFENDER 90 / 110 / 130, DISCOVERY 1 & RANGE ROVER CLASSIC****FITTING INSTRUCTIONS**

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.

Remove the rear wheel.

Remove the old shock absorber and mount. If the axle still has the cups on for the shock absorber bottom bushes to sit in then these need to be removed (try drilling the spot welds and using a sharp chisel).

The rear turrets are handed and identified by the large 'L' shape gusset should be at the rear of the mount. Bolt the turrets to the chassis using the M10x120 hex bolts. Make sure you put the spreader on the inside of the chassis rail.

The turret has five mounting holes at one inch increments this is to allow a wide range of positions depending on which shocks and lift you have on your vehicle. If you are using an 11" Travel shock with a 2" lift then use the top hole, if you are using a 9" travel shock with 2" lift use the middle hole.

Offer up the top shock mount clamp to the required position and secure loosely using the M10x30 Hex bolts.

Place the top of the shock into the aperture and secure with an M16x80 Hex bolt. Ensure the 6mm spacer is fitted between the shock top eye and the main mount, otherwise the shock body will foul the mount on full articulation. Tighten the M16 and M10 bolts fully.

The lower shock mount needs to be bolted to the lower axle shock mount, this must be done with the shock mounting holes running from left to right NOT front to back.

Position the lower shock mount into the lower mount using a M16x80 Hex bolt .

Fully tighten all bolts.

Using the supplied reservoir mounting plate attach this to a position nearby and secure the reservoir fully. Make sure you can access the valve in case you need to re-gas them.

Different vehicles weigh differently and handle differently. Terrafirma Mega Sport shock absorbers come pre gassed to suit the average Land rover however you may wish to fine tune these.

Refit the wheel, lower the car off of the axle stand and torque the wheel nuts correctly.

Repeat the procedure on the other side.



**NOTE: Defender 90/110 - Not Hi-Cap!**

**NOTE: Discovery 1 /Range Rover Classic - extensive body modifications are required!**



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