HOW TO GET THE BEST RESULTS?

In order to get the proper lengths for your shock absorber it is vital that you flex your vehicle to maximum articulation, which will require the removal of the factory shocks.

PHASE ONE MEASURE THE VEHICLE

Flex up the vehicle to achieve maximum articulation. This will provide one side of the vehicle with full compression and allow the opposite side of the vehicle to reach the full extended height. When the vehicle is stable and it is safe to reach under the vehicle... then proceed to take measurements.

Measure the compressed side of the vehicle from the top shock mount on the chassis to the lower shock mount on the diff to get the full compressed closed length of the shock absorber.

Measure the extended side of the vehicle from the top shock mount on the body chassis to the lower shock mount on the diff to get the full extended open length of the shock absorber.

SAFETY WARNING

The lower mount usually sits on the diff.

HOW TO MEASURE A SHOCK ABSORBER THE CORRECT WAY IN 6 EASY STEPS

The correct measurement of your shock absorbers is important to allow full flex of your vehicle and to reduce damage and wear to the shocks.

WHY?

GET THE COMPRESSED LENGTH OF THE SHOCK

Remove the shock absorbers from your four wheel drive vehicle.

2

If you do not have access to a ramp you can also use any incline that allows you to reach maximum articulation. If you have access to a forklift even better.

HOT TIP

Take the measurement and write this figure down!

Take the measurement and write this figure down!

See the notes below about your vehicle.

4

Coil Spring Vehicles

Leaf Spring Vehicles

IFS Vehicles

GET THE EXTENDED LENGTH OF THE SHOCK

Allow the shock to expand on its own or pull it out to the full extended length.

Ideally the full open length should be the same or nearest to the measurement taken from the vehicle.

Take the measurement and write this figure down!

Take the measurement and write this figure down!

5

GET THE OPENED LENGTH OF THE SHOCK

Ideally the full closed length should be the same or shorter than the measurement taken from the vehicle.

NOW YOU HAVE THE OPEN AND CLOSED MEASUREMENTS

TAKEN THESE MEASUREMENTS TO A QUALITY SUSPENSION DEALER LIKE SUPERIOR ENGINEERING AND BUY SOME NEW SHOCK ABSORBERS!

THE END