

My Assurance. My Service



Speed Restrictors.

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Why “Killer Road Humps”?

Many drivers are unaware of the potential damage that could be inflicted to their vehicles’ suspension and steering systems (i.e. hydraulic and airmatic shock absorbers, springs, tie rods, bushes, etc.) by attempting to “drive through” or “power over” road humps. Road humps are speed restrictors, and therefore, should be approached and driven over with due care and attention in order to optimise the effective operational life of suspension and steering components.

Here are our recommended **DO’s** and **DON’T** when passing over speed limiters or roads humps:

DON’T drive over road humps with speed. By carrying out this action you are maximising the impact of the hump, therefore inflicting unnecessary force on the shock absorbers and undercarriage system. In effect you are increasing the possibility of pre-mature wear to suspension and undercarriage components.

DON’T brake sharply or violently too close to the hump, or worse, when you are actually already in contact with the hump. This has the most negative effect on the shock absorbers. By this action, the vehicle weight is transferred to the front, straining the front shock absorbers. Since the shock absorbers are already compressed, they are now unable to fully absorb the impact of the hump. A very hard impact with the hump may be felt which is a sign that the shock absorbers have reached or are beyond the limit of their designed damping capabilities. Such driving patterns will only create excessive wear and tear in your vehicles’s suspension and undercarriage components.

DON’T accelerate or brake while passing over humps.

DO reduce your speed approximately 2 meters before reaching the hump.

DO brake steadily and gradually when approaching the hump.

DO slow down to approximately 10 km/h when ready to “roll over” the hump and release the brake pedal before the tyres come in contact with the hump.

DO allow the car to “roll over” the hump with its own momentum at approximately 10 km/h until all wheels have cleared the hump. By doing this, you allow the shock absorbers to perform their designed function well within their damping capabilities and not at their extreme limit.

DO adhere to our advice in order to reduce the chance of pre-mature wear & tear of your car’s suspension and steering components (i.e. hydraulic and airmatic shock absorbers, springs, tie rods, bushes, etc.), thus optimising their effective operational life. Adopting our recommendations when travelling over speed humps will aid to maintain an overall pleasant driving experience and enhance your ride comfort. We hope that our recommended advice is applicable to all drivers. Your continued uninterrupted driving pleasure is one of our key goals here at Cycle & Carriage.

Examples of killer road humps:

