



# Marcle Leisure

## Operating Instructions (Kits without gauge assemblies)

When inflating your system for the first time, open both valves and inflate as high as your compressor will go, usually about 85psi, never go above the maximum of 100psi. This will help bed all the 'push-in' connections to help them seal properly. After this has been done, release the air by using the tyre cap to push the centre pin in of the Schrader valve. Lower the pressure down to about 30psi, then stand back and look at your vehicle, if too low or too high, adjust pressures as required. This will give you a good starting point to work from. With use of the vehicle, you'll establish as to whether you need to adjust the pressures further to get the ideal ride height and comfort. However it's usually best to increase the pressures if you're planning on doing a lot of fast driving or motorway driving.

Getting the correct air pressure without a gauge kit is not easy, and some patience is required. When inflating a tyre, you always get a 'pist' of air escaping when removing the air inflator or tyre gauge. Tyres have an awful lot more air inside them compared to an air bellows on your air assistance kit, so a 'pist' of air will hardly effect your tyre pressure, however on an air bellows, that 'pist' can be as much as 50% of the pressure escaped! So the easiest way to inflate your bellows is to over inflate the bellows, then using the tyre pressure gauge, deflate a little at a time until the required pressure is achieved. Don't re-test, otherwise you'll be under pressure and will have to re-inflate again.

When you're not using the vehicle for several weeks or more, it's good practice to lower the pressures down to a minimum of 5psi to maintain air spring shape and seals in the hose connections.

When raising your vehicle, always lift the vehicle by the axle, rather than the body/chassis. If it's necessary to lift the vehicle by the body/chassis, release all (see note about AL-KO kits) the air pressure from the air springs to prevent potential damage to them from being stretched under pressure.

**AL-KO Kit.** When jacking the chassis, leave about 5 psi in the bellows to maintain its shape and avoid the bellows being miss-shaped and pinched when lowering. **NEVER** use the vehicle with no air pressure in the bellows, you will damage them!

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