

Below, we have provided some general guidance on how to restore the shape of squashed or deformed tyres after delivery.

Due to the unique nature and design of ATV/UTV and lawn and garden tyres, they are susceptible to distortion during shipping and storage, which is a common occurrence. This is attributed to the tyres' construction, which incorporates flexible and pliable materials and rubber compounds to minimise damage to turf or delicate surfaces (in the case of lawn and garden tyres) or enhance grip (in the case of ATV/UTV tyres). While the tyres may appear severely damaged at present, they will regain their normal, functional shape once fitted and fully inflated to the wheel rims.

If you encounter difficulties fitting and inflating your tyres independently, you are not alone. This is a prevalent issue among individuals attempting to fit tyres at home. We offer the following guidance on recommended steps to restore your tyres to a suitable condition.

Firstly, warm the tyres by placing them in direct sunlight or moving them to a warm location. Warmer tyres become more pliable and workable, so it is advisable to let them warm up for a while before proceeding. Place the tyre on its side on the ground. It will likely appear deformed, and will not fit on the wheel or inflate properly. Working around the bead facing up, pull the bead upwards while keeping the other side of the tyre against the ground. Once you have completed this process, flip the tyre over and repeat on the other bead. The tyre should now appear more aesthetically pleasing. Stand the tyre upright and inspect the tread surface for 'high' and 'low' spots. Sometimes, the tyres may require minimal further work after the above steps. However, if there are areas of the tread that appear higher or lower than others, additional refinement may be necessary. At this stage, we typically focus on the higher areas of the tread. Push down on the high spots and work the bead in and out accordingly. As you work your way around the circumference of the tyre, the flexing motion will soften the rubber, allowing it to revert to its original shape. The tyre should now be significantly improved in its appearance. Minor low spots or dips in the tread are generally not a significant concern. However, if there are still severely deformed sections, you can gently push the tread out from the inside of the tyre using a soft or rounded object to avoid damaging the tyre.

Your tyres should now be in a satisfactory state and much more in shape. With the tyre standing upright, the beads should be roughly parallel to each other, and the tread surface should be relatively flat. If the desired result is not achieved, repeat the previous steps until you obtain the desired outcome.

At this juncture, you should proceed with fitting the tyres onto the wheel rims. Exercise caution during this process to prevent the tyres from rebounding into their deformed state. To facilitate this, it is advisable to leave the tyres overnight in a warm environment after reshaping them. Once the tyres are securely mounted on the wheel rims, inflate them using an air compressor or a local garage air compressor. However, exercise caution to avoid over-inflating the tyres, as this could potentially lead to serious injury in the event of an explosion. Removing the valve core from the wheel valve can enhance the inflation process, allowing for a faster and more efficient filling of the tyre. Once the tyre has seated correctly on the wheel and adheres to the maximum inflation pressure specified on the tyre's sidewall, re-install the valve core (if removed) and inflate the tyre to the appropriate operating pressure for your vehicle.

In extreme circumstances, you can attempt to force the beads of the tyre outward by attaching a ratchet strap around the tyre's tread centre. This method should only be employed with extreme caution, and the ratchet strap must be removed promptly once the tyre can hold air independently. Failure to do so could result in serious injury if the tyre is inflated with the strap still in place.

If you are unable to inflate the tyres yourself, the most suitable course of action would be to seek assistance from a local tyre fitting garage. The most ideal option would be to visit an independent tyre garage that also specialises in commercial and agricultural tyres. These garages typically possess specialised tyre fitting equipment specifically designed for this purpose.