

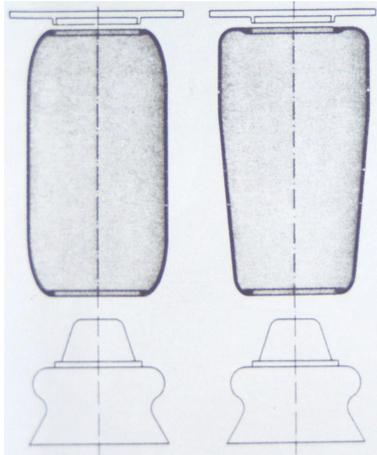
Replacing a Bus Bellow

Easy Fitting, Long service life

Bus bellows operate on a simple principle and are trouble – free. They combine technical perfection and economy. They are highly reliable minimum maintenance and are largely resistant to oils, greases and cleaning agents. Quick and easy fitting means that vehicle downtime is reduced to a minimum.

How to remove the old bus bellow

1. Jack up your vehicle as high as possible.
2. Deflate the air springs.
3. Place a tyre lever between the upper bead of the air spring and the clamping plate. Press the bead seat of the plate. (Take great care not to damage the bead seat.)
4. Pull the air spring away to one side.
5. Do exactly the same with the lower bead.
6. Now you can remove the air spring.

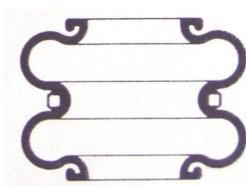


Cylindrical bus bellow

Tapered bus bellow

In the case of conical bus bellows, place the narrower end on the piston

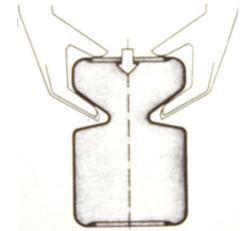
Double Convolution



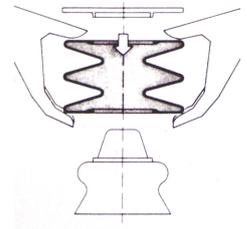
How to fit a new Bus Bellow

1. Clean the bead seats on the clamping plate and spring piston and check that the mounting hardware is free of burr and is not corroded. Replace if necessary. Apply a soap solution or an approved fitting lubricant to the bead seat on the piston.

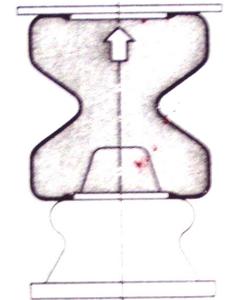
2. Push the bellow in below the upper bead and compress it to the width of a hand's span.



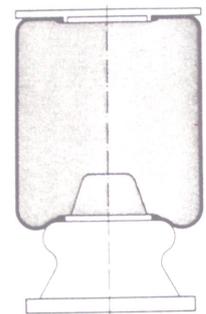
3. Place the folded bellow between the piston and clamping plate.



4. Fix the lower bead to its seat on the piston and the upper bead to its seat on the clamping plate.



5. Pressurize the bellow so that its fit properly between the plate and piston. The beads should snap in audibly.



6. Lower the vehicle and the bellow will roll automatically down the piston. The spring is now fitted.

