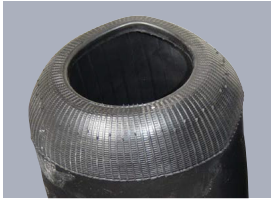



















PROBLEM & CAUSES			SOLUTION
<p><b>Deformed Air Springs</b></p> <ol style="list-style-type: none"> <li>1. Improper storage</li> <li>2. Improper transport</li> <li>3. Improper handling</li> </ol>			<ol style="list-style-type: none"> <li>1. Store according to ISO 5285; no daylight, dry &amp; at normal room temperature.</li> <li>2. Avoid improper transport</li> <li>3. Avoid improper handling</li> </ol>
<p><b>Damage to the conical beads &amp; cuts</b></p> <ol style="list-style-type: none"> <li>1. Improperly mounted bead plate</li> <li>2. Pinching of the bellows with metal parts</li> </ol>			<ol style="list-style-type: none"> <li>1. Keep conical beads clean &amp; corrosion free</li> <li>2. Avoid driving without pressure in the air suspension</li> </ol>
<p><b>Bellows rubs off at shoulder</b></p> <ol style="list-style-type: none"> <li>1. Bead plate diameter incorrect</li> <li>2. Bellows too long for application</li> </ol>			<ol style="list-style-type: none"> <li>1. Make sure to use original parts</li> <li>2. Avoid wrong cross references</li> </ol>
<p><b>Broken off thread bolts</b></p> <ol style="list-style-type: none"> <li>1. Excessive torque</li> <li>2. Use of oils or lubricants</li> </ol>			<ol style="list-style-type: none"> <li>1. Don't exceed recommended torque according to your maintenance manual</li> <li>2. Avoid usage of oils or lubricants</li> </ol>
<p><b>Overextension</b></p> <ol style="list-style-type: none"> <li>1. Spring travel not restricted</li> <li>2. Incorrectly adjusted level control</li> <li>3. Air spring not suitable for application</li> </ol>			<ol style="list-style-type: none"> <li>1. Check the shock absorbers</li> <li>2. Check &amp; adjust level control valve</li> <li>3. Double check if the air spring fits the OE part number</li> </ol>
<p><b>Abrasion</b></p> <ol style="list-style-type: none"> <li>1. Bellows contact with chassis parts</li> <li>2. Bellows contact with foreign bodies</li> </ol>			<ol style="list-style-type: none"> <li>1. Double check if the air spring fits the OE part number</li> <li>2. Check regularly &amp; remove foreign objects stuck between the bellows &amp; piston</li> </ol>
<p><b>Chemical contamination</b></p> <ol style="list-style-type: none"> <li>1. Usage of oils &amp; lubricants</li> </ol>			<ol style="list-style-type: none"> <li>1. Avoid usage of lubricants or cleaners which contain mineral oils</li> <li>2. Check air springs on a regular basis</li> </ol>
<p><b>Air Spring bursting or broken piston</b></p> <ol style="list-style-type: none"> <li>1. Overload</li> <li>2. Exceeding the maximum allowable pressure</li> </ol>			<ol style="list-style-type: none"> <li>1. Never exceed the maximum allowed weight of the vehicle.</li> </ol>