### Air Springs “Problem – Cause – Solution”

<table>
<thead>
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<th>Problem and Cause</th>
<th>Solution</th>
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| **Deformed Air Springs** | 1. storage according to ISO 5285 no daylight, dry, at normal room temperature  
2. avoid improper transport  
3. avoid improper handling |
| **Damage of the conical beads and cuts** | 1. keep conical beads clean and corrosion free  
2. avoid driving without pressure in the air suspension |
| **Bellows rubs off at shoulder** | 1. make sure to use original parts  
2. avoid wrong cross references |
| **Broken off thread bolts** | 1. don’t exceed recommended torque according to your maintenance manual  
2. avoid usage of oils or lubricants |
| **Overextension** | 1. check the shock absorbers  
2. check and adjust level control valve  
3. double check if the air spring fits the OE part number |
| **Abrasion** | 1. double check if the air spring fits the OE part number  
2. check regularly and remove foreign objects stuck between bellows and piston |
| **Chemical contamination** | 1. avoid usage of lubricants or cleaners which contain mineral oils  
2. check air springs on a regular basis |
| **Air Spring bursting, broken piston** | 1. never exceed the maximal allowed weight of the vehicle |