

# BPW Axle & Suspension First Service Inspection



Trailer VIN Number(s):	Trailer Owner:
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**First Service to be performed within the first 2500 km. This checklist is required for Warranty registration**

<b>SUSPENSION SERIAL NUMBER from Data Plate</b> <i>(required for BPW subsidy &amp; Warranty registration)</i>	<b>TE</b>
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SERVICE REQUIREMENT		✓
<b>BPW SUSPENSION</b>	Re torque <b>U BOLT</b> nuts to specified torque. <b>THIS FUNCTION IS CRITICAL FOR THE SERVICE LIFE</b>	M24 (SW36) = 650 Nm M22 (SW32) = 550 Nm
	Check operation of airbag <b>Pneumatic system</b> and that it is piped correctly. Check height control valve linkage arrangement . Ensure there are no leaks	
	Check <b>Ride Height</b> on axle fitted with height control valve to ensure it is set to ride height on BPW ID plate (centre of axle to underside of chassis). Ensure trailer air supply is connected and brakes are released. Ensure wheels are chocked and on a flat surface	<b>(enter height)</b>  <b>mm</b>
	Re torque <b>Spring eye bolts</b> (at ride height)	M24 (SW36) = 650 Nm M30 (SW46) = 1000 Nm
	Re torque <b>Shock Absorber</b> fasteners to specified torque. Check Webbing Sling is installed correctly	M24 (SW36) = 425 Nm (Alloy hanger) M24 = 325 Nm
	Re torque <b>Airbag fastener</b> to specified torque	Upper lid (M12) = 66Nm Lower plate (M16) = 230Nm
	<b>BPW AXLES</b>	Check for hub bearing play. There must be no play. Adjust if necessary.
Check wheel nut torques or retorque if wheels have been removed:		<b>640 Nm</b>
Check brake adjustment. Adjust if necessary. 10-20% of the effective slack adjuster length		
Check slack adjuster return springs are in place		
Check all Bottom Bungs are removed from Brake Chambers		

Service provided by (company):	Mechanic:	Date:
Address:	Reg. Number:	Trailer builder:
Trailer type:    Trailer / Semi / Tri / Quad	Kilometres travelled	Hubo Serial No(s):
Flat deck / Curtainsider / Tipper / Tanker / Other		

Axle serial numbers (located on axle ID tag)		<p>BPW BERGISCHE ACHSEN KG    Made in Germany</p> <p>SHSF 9010 ECO-P    TSB 430    095240189</p> <p>D115 / 36104008</p> <p>zul. Achslast    stat. 9000 kg    105 km/h</p> <p>permi. axle capacity</p> <p>charge adm.</p>
1: _____	2: _____	
3: _____	4: _____	
5: _____	6: _____	
7: _____		
Comments:		