

32-0540 General function test (models 201.034/035/036)

Test step/ Scope of test	Operation/ Requirement	Nominal value	Possible cause/Remedy
⇒ 1.0 Oil level		Oil level in oil reservoir between minimum and maximum marks	Oil level below minimum mark. Check hydraulic system for leaks. Correct oil level.
⇒ 2.0 Oil filter		Oil filter in oil reservoir clean	Clean oil filter if contaminated.
⇒ 3.0 Pressure oil pump	Connect pressure tester to level controller	Operating pressure at least 133 bar	Check high-pressure expansion hose for damage or blockage, replace pressure oil pump if necessary (32-0640).
⇒ 4.0 Front axle spring struts	Unscrew leak oil line T4 at front spring struts	Maximum leak oil quantity 2 cm ³ in 4 hours	If leak oil quantity is greater than 2 cm ³ in 4 hours, replace spring struts (32-0615).
⇒ 5.0 Level controller on rear axle	Move level controller on rear axle to "filling" position	Level at rear axle changes	⇒ 5.1
⇒ 5.1	In addition, move level controller on front axle to "filling" position	Level at front axle changes	<p>If vehicle level rises simultaneously at front and rear axles: replace distributor valve (32-0680).</p> <p>If vehicle level remains unchanged: check distributor valve for internal leakage (32-0550). If in order, replace both level controllers.</p> <p>Vehicle level changes at front axle only: replace level controller on rear axle.</p>

Test step/ Scope of test	Operation/ Requirement	Nominal value	Possible cause/Remedy
⇒ 6.0 Level controller on front axle	Move level controller on front axle to "filling" position	Level at front axle changes	⇒ 6.1
⇒ 6.1	In addition, move level controller on rear axle to "filling" position	Level at rear axle changes	<p>If vehicle level rises simultaneously at front and rear axles: replace distributor valve (32-0680).</p> <p>If vehicle level remains unchanged: check distributor valve for internal leakage (32-0550). If in order, replace both level controllers.</p> <p>Vehicle level changes at rear axle only: replace level controller on front axle.</p>