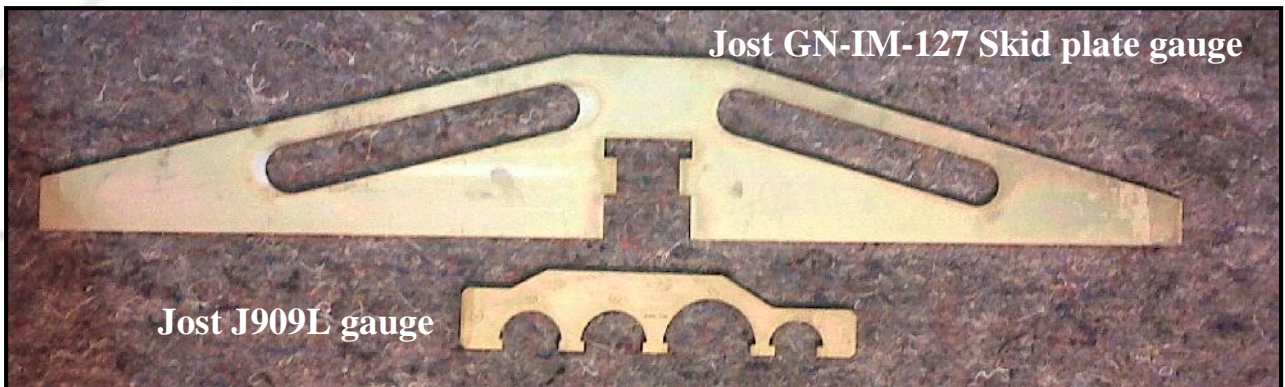


Effective measurements are only as accurate as the tool used

What good is measuring when the tool used is not calibrated, verniers and torque wrenches are measuring tools that can be calibrated.

The **JOST** J909L and GN-IM-127 gauges however cannot be calibrated. These gauges should be replaced when worn or bent, but are they? How long should these gauges last and when should they be replaced?



The more relevant question is what is the cost of not replacing the gauge when it is worn or bent? The J909L gauge is a go / no go gauge which means that it is manufactured to the minimum dimensional requirements, in other words once the minimum dimension has been reached the gauge will go over the wearing area signalling the time has come to replace the kingpin, however if the gauge is worn or bent past the 0.1mm maximum allowance then you will be scrapping kingpins that are still serviceable.



J909L Gauge measuring kingpin top flange

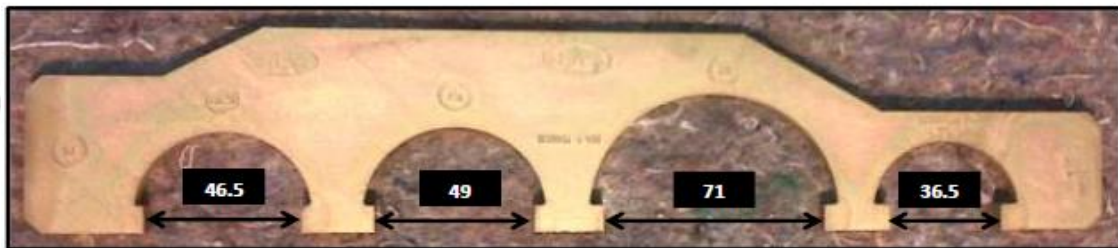


J909L Gauge measuring kingpin thread size

The GN-IM-127 gauge can and should be checked for straightness only; once it has been bent in any way it will give false information leading to unnecessary skid plate repairs or replacements. Never force a gauge, look after you're measuring tools and they will look after you. Use the following inspection sheet to ensure the accuracy of your J909L gauge.

08 September 2014

Jost J909L Kingpin inspection gauge inspection sheet



Month	Dimension 50mm Hitch pin OD	Dimension Kingpin through OD	Dimension Kingpin top flange OD	Dimension 40mm Hitch pin OD
New	46.5mm	49mm	71mm	36.5mm
Tolerance	+/-0.1mm	+/-0.1mm	+/-0.1mm	+/-0.1mm
Replace	46.6mm	49.1mm	71.1mm	36.6mm
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

On purchase apply invoice date to J909L gauge and keep invoice as proof of purchase date. Apply purchase date to gauge and measure the J909L gauge monthly, scrap if the "Replace" measurement has been reached or exceeded. Replace J909L Gauge after 12 months use.

Jost J909L gauge inspection sheet.

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