



SL0001 Checking Stabiliser Extension Optical Sensor Housing Distance as illustrated on a SB330

SL0001	Version 2	SMARTlift	09-07-05
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Note: This procedure is illustrated on a SB330.

In order to ensure reliable operation of the Stabiliser Extension Optical Sensor, it is necessary to check that the distance from the outside of the stabiliser housing to the stabiliser extension web is within tolerance.

It is necessary to check the dimension at three Stabiliser Extensions:

1. With the Stabiliser extended just beyond the K-Pin doubler plate, measuring to the web. For a SB361 / 401 this measurement should be taken with the stabiliser fully retracted.



1. With the Stabiliser approximately half extended, measuring to the web.
2. Repeat with the Stabiliser nearly fully extended.





OPTICAL SENSOR ONLY	Distance Stabiliser Housing to Stabiliser Extension Web (Stabiliser Extension slightly extended and half extended)
SB361/401	26 to 28mm
SB200/330	32mm \pm 2mm

1. For undersize dimensions obtain a shim to obtain mid tolerance measurement. Report oversize dimensions to engineering.



Figure 3

SHIM	
1.2mm	EL-34619
2.0mm	EL-34620