

# SLL680 LOAD LEVELLER

OWNER'S MANUAL



FOR YOUR SAFETY  
PLEASE READ THESE INSTRUCTIONS CAREFULLY  
AND RETAIN THEM FOR FUTURE USE.



## SAFETY



### IMPORTANT

Before using this Load Leveller, make sure you adhere to the following safety precautions.

- Never exceed the safe working load capacity which is 680kg.
- Never stand or work beneath a suspended load.
- Do not allow the load to swing or drop suddenly whilst moving or lowering.
- Use only slings or chains with a load capacity greater than that of the load leveller.
- Ensure the operator is skilled, and trained in both operation and safety aspects.
- Inspect the Load Leveller before every use to ensure it is in good condition. Replace any damaged or worn parts.
- When replacing parts, only use those supplied by SGS Engineering.

## OPERATION

### RAISING A LOAD SQUARELY

With the leveller attached to the load via the recommended lifting points, and, if this is an engine, ensuring that all necessary components are disconnected, i.e. exhaust, speedo cable, electrical connections etc., very slowly take the weight. As the load begins to lift it may rise at one end only. Turn the crank handle of the Leveller so that the Sliding Block moves AWAY from that end.

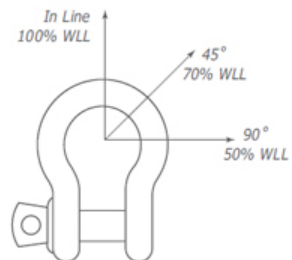
Continue to raise the load a little at a time whilst moving the sliding block away from the raised end until the load rises squarely.

If there is a degree of twist, this may be taken up by screwing the nuts to lengthen or shorten the hooks as appropriate, but ALWAYS ensure that the FULL thickness of the nut is in contact with the threaded end of the hook.

If this method is insufficient to compensate for the degree of twist or slew, you should adjust the chain length on one or more of the lifting points.

### RAISING A LOAD AT AN ANGLE

In some cases, it may be necessary to raise the load at an angle. In this instance, move the sliding block towards the end that needs to be higher. Gently raise the load, turning the crank handle as required to achieve the required degree of tilt.



## MAINTENANCE

Before Each Use:

Always inspect the Leveller before use for visible signs of damage, worn or missing parts.



NOTE:

If the Leveller is subjected to any abnormal load or shock, it should be removed from service immediately.

Periodical maintenance:

- a) check the main beam for cracks and distortion.
- b) lubricate the Sliding Block and Screw with grease.
- c) inspect the chains and hooks for damage or distortion.  
If any is apparent, have them replaced.

## SPECIFICATION

Lifting capacity:	680KG
Weight:	5.5KG
Part number:	SSL680

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SGS Engineering (UK) Ltd  
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## EC Declaration of Conformity

This is an important document and should be retained

MANUFACTURER'S NAME: SGS Engineering (UK) Ltd

TYPE OF EQUIPMENT: Lifting

PART NUMBER: SLL680

APPLICATION OF EC COUNCIL DIRECTIVES / STANDARD:

EN1494:2000+A1:2008	Mobile or movable jacks and associated lifting equipment
2006/42/EC	Machinery Directive (MD)

I, the undersigned, hereby declare that the equipment specified above conforms to the above European Communities Directive(s) and Standard(s).

PLACE: Derby, UK

DATE: 24th JUNE 2017

A handwritten signature in black ink, appearing to read 'Robert Wyatt', written over a horizontal line.

(Signature)  
Robert Wyatt  
Company Secretary