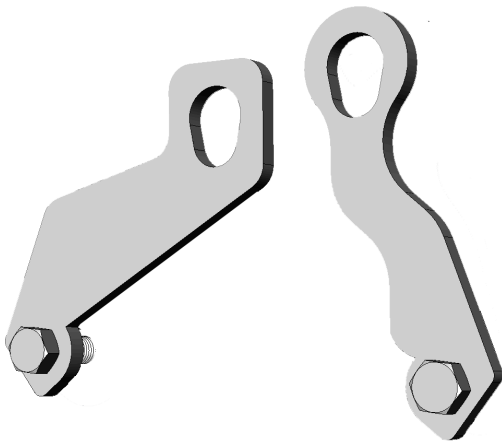


[SPECIAL TOOL]



Lifting Brackets

303-749

Instructions for Use
(Original Instructions)

1 General Information

Product Name:	Lifting Brackets
Product Type:	Load Holding Device
Product Number:	303-749
Mass:	0.74 kg
Maximum Load Capacity:	250 kg
Static Test Coefficient:	1.5

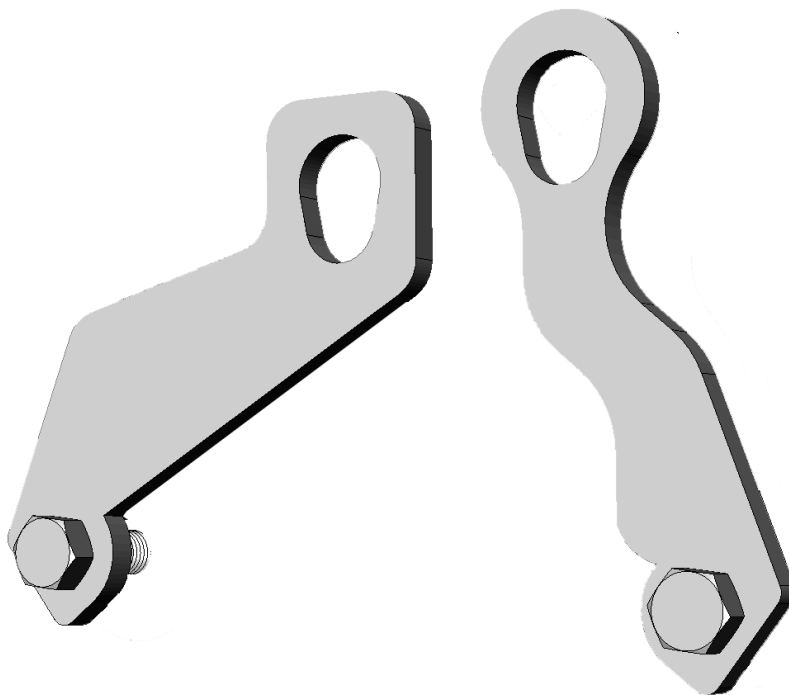


Figure 1 Lifting Brackets 303-749

Included in Delivery:

1	Left-Hand Lifting Bracket
1	Right-Hand Lifting Bracket
2	Screws

Intended Use:

- To remove and install engines as described in the Jaguar Land Rover workshop manual.

Terms of Use:

- To be used only by qualified personnel trained in accordance with Jaguar Land Rover standards.
- Use only for work expressly approved by Jaguar Land Rover.
- Use only for loads up to 250 kg.
- Use only with a suitable hoist equipped with a sufficient load capacity to suspend loads.
- Keep clear of suspended loads at all times.

2 General Safety Instructions

WARNING**Improper use could cause serious personal injury or severe damage to materials!**

The load holding device has been specifically constructed for its intended use. The safety of the load holding device can no longer be ensured if it is misused or modified in ways not expressly approved by the manufacturer. These actions could result in serious personal injury or severe damage to materials.

- Read and follow these instructions carefully.
- Ensure that each person using the load holding device is familiar with these instructions and can access them at all times.
- Read and follow the Jaguar Land Rover workshop manual carefully.
- Use the load holding device only for work expressly approved by Jaguar Land Rover.

WARNING**Falling loads could cause serious personal injury or severe damage to materials!**

Exceeding the maximum load capacity of the lifting brackets could cause loads to fall.

- Do not exceed the maximum load capacity of 250 kg.

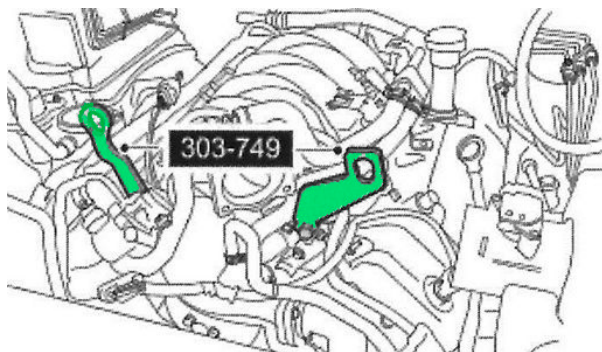
CAUTION**Crushing Hazard!**

Handling special tools and vehicle parts carelessly could cause hands or feet to be crushed.

- Wear safety shoes that meet the ISO 20345, S2 standard.
- Position hands and feet so as to avoid potential crushing hazards.

3 Operating Instructions

- 1 Inspect the lifting brackets for visible damage before each use. Do not use the lifting brackets if damaged or in poor condition.
- 2 Perform the preliminary work necessary to remove the engine (see the Jaguar Land Rover workshop manual).
- 3 Secure the lifting brackets to the engine with the screws included in delivery.

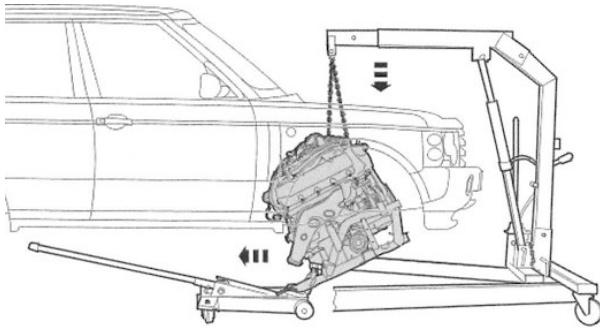


- 4 Secure the lifting brackets to the gearbox with the gearbox bracket bolts (see the Jaguar Land Rover workshop manual).

Perform the following steps with the help of another person.

- 5 Connect the lifting chains to the lifting brackets. Use suitable chains and a suitable hoist equipped with a sufficient load capacity (see the Jaguar Land Rover workshop manual).
- 6 Carefully put tension on the chains to secure the engine.
- 7 Remove the mounting bolts from the vehicle's front sub-frame.

- 8 Support the rear part of the vehicle's front sub-frame a suitable hydraulic jack equipped with a sufficient load capacity.
- 9 Lower the engine and allow the lifting equipment to tilt backwards.



- 10 Lower engine to the ground.
- 11 Remove the engine lifting equipment.

4 Inspection and Maintenance

Inspect the lifting brackets for visible damage before each use. Do not use the lifting brackets if damaged or in poor condition.

Use only original replacement parts.

NOTICE



Modifications to this product which have not been expressly approved by the manufacturer shall void any warranty. The manufacturer assumes no liability for personal injuries or damages to materials which occur as the result of improper use of this product.

Contact the manufacturer or Jaguar Land Rover for any questions.



Declaration of Conformity with the Machinery Directive 2006/42/EC,
Annex II 1A

Manufacturer:	SPX UK Ltd. Ironstone Way Brixworth Northants NN6 9UD United Kingdom
Authorised to Compile the Technical Documents:	Nils Leckschas, Technical Author SPX Service Solutions Germany GmbH Oskar-Schindler-Str. 9 50769 Cologne Germany
Product Name:	Lifting Brackets
Product Type:	Load Holding Device
Product Number:	303-749

We hereby declare that the product described above complies with the relevant clauses of the 2006/42/EC Machinery Directive.

Any modification to the product not expressly approved by the manufacturer shall void the validity of this declaration.

The following harmonised standards have been applied:

EN ISO 12100:2010	Safety of machinery - General principles for design - Risk assessment and risk reduction
EN 13155:2003+A2:2009	Cranes - Safety - Non-fixed load lifting attachments

Brixworth, 29 November 2011

Place, Date

Gary Palmer, Managing Director