

Part No. 8899

# LASER<sup>®</sup>

## **Ball Joint Separator** for Jaguar Land Rover

### **Instructions**



A heavy-duty ball joint separator tool, equivalent to JLR OEM 204-793A, for use on various Land Rover and Jaguar vehicles. The design enables the ball joint to be easily separated — the tool holds the joint under tension, then a steady tap with a hammer will break the taper of the ball joint, enabling its removal. Use in accordance with OEM instructions.

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# Introduction

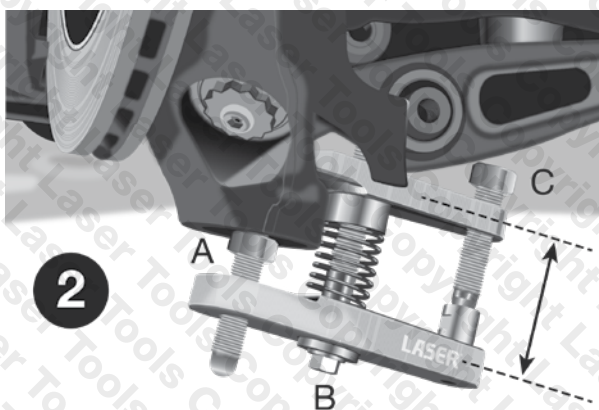
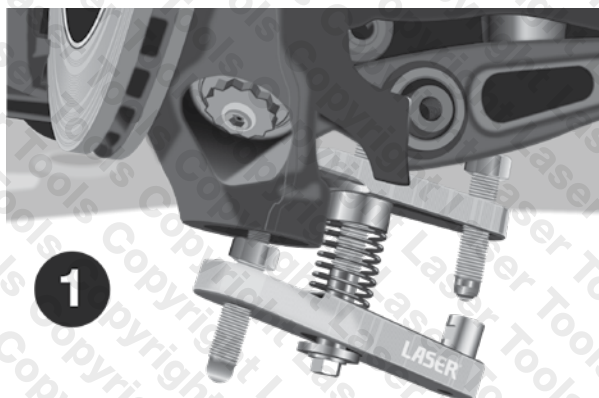
## Applications:

- Land Rover Discovery V, L462 chassis code, (from 2016).
- Range Rover IV, L405, (from 2012).
- Range Rover Sport II, L494 (from 2013).

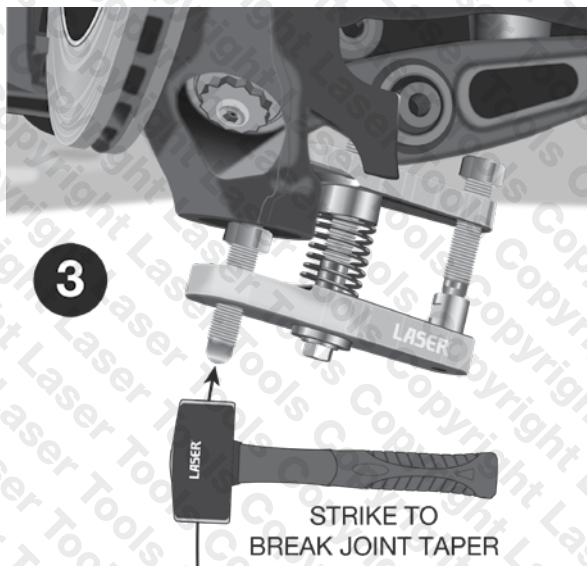
## Specifications:

- Inner opening: 31mm.
- Outer opening: 52mm.
- Upper jaw length: 215mm.
- Lower jaw length: 220mm.
- Weight 3.7kgs.

# Instructions



ADJUST A, B & C TO SET  
UPPER AND LOWER ARMS  
TIGHT AND PARALLEL



## Precautions



- Always read these instructions carefully before using the tool.
- Refer to the vehicle manufacturer's documentation for the correct procedure.
- Wear eye protection and appropriate personal protection equipment.
- Wear suitable clothing to avoid catching or snagging; remove watches, rings, etc. Tie back long hair.
- Visually inspect all equipment before use for signs of damage or wear and tear. Any defective or suspect equipment should be repaired or replaced before use.
- Always lubricate the threads and contact faces with a high-quality molybdenum disulphide grease.
- **Do not use power tools** with this ball joint separator.
- Always check that the separator is correctly assembled and is correctly aligned. Pay particular attention to the initial setting-up of the tool onto the ball joint. The upper and lower arms **must be parallel**. Tighten the adjusters (**A**, **B** and **C** in Figure 2 above) to ensure this and place the tool under tension against the ball joint.
- **Do not keep turning adjuster C** once the tool is under tension - the ball joint taper is split by the action of the hammer. **Danger of breakage or damage if this is not adhered to.**

## Precautions

- Use caution when using this tool — components are heavy.
- Do not use these tools for any purpose other than that for which they have been designed.
- If vehicle is raised, ensure it is adequately supported with axle stands, ramps, etc, as appropriate.
- When finished, account for all tools and parts being used.
- Maintain the tool in good and clean condition and always return to case for safekeeping.



**Safety First. Be Protected.**

Our products are designed to be used correctly and with care for the purpose for which they are intended. No liability is accepted by the Tool Connection for incorrect use of any of our products, and the Tool Connection cannot be held responsible for any damage to personnel, property or equipment when using the tools. Incorrect use will also invalidate the warranty.

If applicable, the applications database and any instructional information provided has been designed to offer general guidance for a particular tool's use and while all attention is given to the accuracy of the data no project should be attempted without referring first to the manufacturer's technical documentation (workshop or instruction manual) or the use of a recognised authority such as Autodata.

It is our policy to continually improve our products and thus we reserve the right to alter specifications and components without prior notice. It is the responsibility of the user to ensure the suitability of the tools and information prior to their use.



8899\_Instructions\_V1



When you have finished with this toolset please recycle it

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### Guarantee

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