

JL 4-DOOR COMP SERIES FRAME MOUNTED ROCK SLIDERS

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Thank you for purchasing this ICON Vehicle Dynamics product. Please read through this entire document before proceeding with installation. If you are not confident in your mechanical skills, please seek the help of a professional to perform the installation. Check your packages immediately upon arrival to ensure that everything listed is included, and to check for damage during shipping. If anything is missing or damaged, or if you need technical assistance with any aspect of this installation, call (951) 689-ICON as soon as possible.



APPLICATION

These installation instructions apply to the following products:

25162 18-UP JEEP JL 4DR PS FRAME MNT SLIDERS

COMPONENTS INCLUDED

- (1) JL Pro Series Frame Mount Slider - Left
- (1) JL Pro Series Frame Mount Slider - Right

HARDWARE INCLUDED

No Hardware Included. This is a 100% weld-on installation.

TECH NOTES

NOTE: These installation instructions are based on a clean installation on to a stock 2018+ Jeep JL Wrangler. Previously modified vehicles may require additional steps.

WARNING - REQUIRES WELDING

This installation requires **WELDING**. It should only be performed by a certified welding professional, in a well-ventilated, fully equipped shop. This procedure involves the welding of heavy duty, critical components, where weld failure may result in severe damage to the vehicle. This is **NOT** a job for do-it-yourselfers to try their hand at welding for the first time.

TOOLS REQUIRED

- 10mm wrench
- Angle grinder with sandpaper flap-disk
- C-clamps or heavy duty bar clamps
- Welder and welding safety equipment (helmet, gloves, jacket)
- Fire extinguisher
- Masking tape, primer and semi-gloss black outdoor/automotive paint

IMPORTANT NOTICES - PLEASE READ FIRST

- ✓ **READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION! IF THESE INSTRUCTIONS ARE NOT PROPERLY FOLLOWED SEVERE FRAME, SUSPENSION AND TIRE DAMAGE MAY RESULT TO THE VEHICLE!**
- ✓ **ICON VEHICLE DYNAMICS RECOMMENDS ALL INSTALLATION TO BE PERFORMED BY A PROFESSIONAL SHOP/SERVICE TECHNICIAN. PRODUCT FAILURE CAUSED BY IMPROPER INSTALLATION WILL NOT BE COVERED UNDER ICON'S WARRANTY POLICY.**

INSTALLATION INSTRUCTIONS

1. Ensure the vehicle is placed on a flat, level surface with the transmission in PARK, the tires chocked, and the emergency brake ON. Wear safety glasses from this point forward.
2. Open the hood and use a 10mm wrench to disconnect the negative battery terminal. Wrap the terminal in a shop towel or glove so that it doesn't inadvertently come into contact with the battery terminal or any other ground source.
3. Remove any OE or aftermarket rocker rails, nerf bars or running boards.
4. With the help of a friend, lift the Slider into place with the mounting plates of the outriggers pressed against the side of the Jeep's frame rail. The center outrigger will touch the frame rail just forward of the body mount perch, butted up to the perch.



5. While holding the Slider in place, use a felt marker to mark the Jeep's frame rail, along the edges of the Slider's three outrigger mounting flanges. Set the Slider aside.
6. Use an angle grinder with sandpaper flap wheel to prep the areas that will be welded, along the marks made in the previous step. Sand to bare metal, removing any dirt, paint and rust in a stripe about an inch wide, along the mark. You will only need to prep along the sides and bottom of where the Slider outrigger meets the frame rail. There is no need to prep the metal along the top edge or the area in between the edges.
7. Examine the outrigger mounting flanges of the Sliders. They will have been masked off from powder coat, and still unfinished bare metal. Ensure that the bare metal is clean and free of rust, oils and residue left over from manufacturing and handling.
8. With the help of a friend, lift the Slider into place and use C-clamps or heavy duty bar clamps to clamp it securely into place against the frame rail. Front-to-back placement will be determined by the middle outrigger butting up against the forward edge of the middle body mount perch, as shown in the photo below.



FIG. 1

9. Vertical placement will be determined by making sure the doors open without obstruction, and that the Slider is visually level from side to side (parallel with the bottoms of the doors). Once adjustments are made, ensure that the Slider is securely clamped into place.
10. Place a fire extinguisher in good working order, on the floor close to the work area
11. Weld the Slider to the frame. Begin by securely tacking each outrigger to the frame, then remove the clamps. Weld both vertical edges of each outrigger. Weld the center section of the bottom edge of each outrigger, leaving an approximately

1" gap at each end of the bottom edge, to allow for drainage, as shown in the following photo. There is no need to weld along the top edge and corners of the flange.



FIG. 2

12. Move to the other side of the vehicle and repeat the process for the remaining Slider.



FIG. 3

13. After the welds have cooled, use a wire brush to clean up the weld and any peeled paint in the heat-affected zone, then primer and paint the welds and any remaining bare metal.
14. Re-connect the negative battery cable and use the 10mm wrench to tighten the terminal.



FIG. 4

Congratulations! Your installation is complete.

**LIMITED LIFETIME WARRANTY**

ICON Vehicle Dynamics warrants to the original retail purchaser who owns the vehicle on which the product was originally installed. ICON Vehicle Dynamics does not warrant the product for finish, alterations, modifications and/or installation contrary to ICON Vehicle Dynamics instructions. ICON Vehicle Dynamics products are not designed, nor are they intended to be installed on vehicles used in race applications, for racing purposes or for similar activities. (A "race" is defined as any contest between two or more vehicles, or a contest of one or more vehicles against the clock, whether or not such contest is for a prize). This warranty does not include coverage for police or taxi vehicles, race vehicles, or vehicles used for government or commercial purposes. Also excluded from this warranty are sales outside of the United States of America and Canada.

ICON Vehicle Dynamics' obligation under this warranty is limited to the repair or replacement, at ICON Vehicle Dynamics' discretion, of the defective product. Any and all costs of removal, installation or re-installation, freight charges and incidental or consequential damages are expressly excluded from this warranty. Items that are subject to wear are not considered defective when worn and are not covered.

ICON Vehicle Dynamics components must be installed as a complete kit as shown in our current application guide. Any substitutions or exemptions of required components will immediately void the warranty. Some finish damage may happen to parts during shipping and is not covered under warranty.

This warranty is expressly in lieu of all other warranties expressed or implied. This warranty shall not apply to any product that has been improperly installed, modified or customized subject to accident, negligence, abuse or misuse.

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