

JL LICENSE PLATE RELOCATION KIT

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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:

25171 JL License Plate Relocation Kit

COMPONENTS INCLUDED

- (1) License Plate Bracket
- (1) Brake Light Bracket
- (1) Backup Camera Mount
- (1) Backup Camera Cover
- (1) Mounting Bracket

HARDWARE INCLUDED

- (2) M14 Lug Nut Standoff
- (2) 3/8-16 X 3/4 Gr8 Hex Head Cap Screw
- (2) 3/8 Gr8 SAE Flat Washer
- (2) 5/16-18 X 3/4 Gr8 Hex Head Cap Screw
- (2) 5/16 Gr8 SAE Flat Washer
- (4) 1/4-20 X 3/4 SS Button Head Cap Screw
- (4) 1/4 Gr8 SAE Flat Washer
- (4) 1/4-20 Gr8 Nylon Insert Lock Nut
- (4) 6-32 X 1/2 SS Button Head Cap Screw
- (3) 2-56 X 7/16 SS Button Head Cap Screw
- (3) 2-56 SS Hex Nut
- (3) 0.130 X 0.089 X 0.010 SS Flat Washer

TECH NOTES

NOTE: These installation instructions are based on a clean installation on to a stock vehicle. Previously modified vehicles may require additional steps.

TOOLS REQUIRED

- 3/16", 7/16", 1/2", 9/16" & 7/8" wrench or socket and ratchet
- 5/64" hex key (Allen® wrench) or driver bit
- Lug nut socket or adapter for your vehicle's specific lug nuts

IMPORTANT NOTICES - PLEASE READ FIRST

- ✓ **READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION! IF THESE INSTRUCTIONS ARE NOT PROPERLY FOLLOWED SEVERE 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.

NOTE: These instructions assume that a spare tire is present and already mounted to the vehicle, and that the third brake light, license plate, and backup camera (if equipped) have already been removed from the vehicle but have been retained for re-installation. It is also assumed that the vehicle's third brake light/camera wiring harness has been routed to and through the spare tire, safely secured along its route without affecting freedom of operation of the tailgate or tire mount.

2. Remove the top two lug nuts from the spare tire and replace them with the M14 Lug Nut Standoffs.



Use a 7/8" wrench or socket with ratchet and tighten as if they were normal lug nuts.



FIG.1

3. Use the two (2) 3/8-16 X 3/4 Gr8 Hex Head Cap Screws, with 3/8 Gr8 SAE Flat Washers, to attach the Mounting Bracket to the two M14 Lug Nut Standoffs. Orient the bracket so that the small flange is on top and pointed toward the wheel, as shown in the photo. Tighten with a 3/8" wrench or socket.



FIG.1

4. Attach the stock third brake light to the Brake Light Bracket as shown. Note the lugs on the brake light housing that index into corresponding holes in the bracket.



FIG.1

5. Use a T25 Torx driver and the OE third brake light retaining screws to affix the brake light to the bracket.



FIG.1

6. Stack the License Plate Bracket and Brake Light Bracket on top of the Mounting Bracket and fasten them all together with two (2) 5/16-18 X 3/4 Gr8 Hex Head Cap Screws and 5/16 Gr8 SAE Flat Washers. Use a 1/2" wrench to tighten. Note that the License Plate Bracket is slotted to allow adjustment.



FIG.1

7. If the vehicle is equipped with a backup camera, install the camera into the Backup Camera Mount as shown in the photo below.

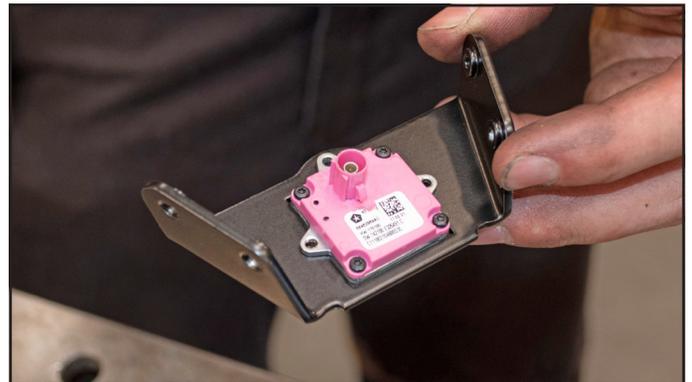


FIG.1



- 8. Use a 5/64" hex key or driver bit and a 3/16" wrench or socket to install three (3) 2-56 X 7/16 SS Button Head Cap Screws with 0.130 X 0.089 X 0.010 SS Flat Washers and 2-56 SS Hex Nuts to fasten the camera to the mount.



FIG.1

- 9. Insert the Camera Mount into the Camera Cover as shown in the following photo. The camera should slightly protrude into the hole in the cover while the two bolt holes on either side of each part are aligned.



FIG.1

- 10. Use a 5/64" hex key or driver bit to install four (4) 6-32 X 1/2 SS Button Head Cap Screws through the aligned holes to secure the Camera Mount into the Camera Cover.



FIG.1

- 11. Install your license plate and the Camera Mount/Cover assembly to the License plate mount simultaneously, with the camera assembly hanging from the bottom two license plate bolts. Use a pair of 7/16" wrenches or sockets and four (4) 1/4-20 X 3/4 SS Button Head Cap Screws with 1/4 Gr8 SAE Flat Washers and 1/4-20 Gr8 Nylon Insert Lock Nuts to fasten the components together.



FIG.1

- 12. Route the vehicle's brake light/camera wiring harness through the wheel of the spare tire. Ensure that it is safely routed away from pinch points, allows freedom of operation of the tailgate and tire carrier, and is securely fastened along its route. Plug the camera and third brake light plugs into their respective components. The photo below depicts the assembly removed from the spare tire for clarity.

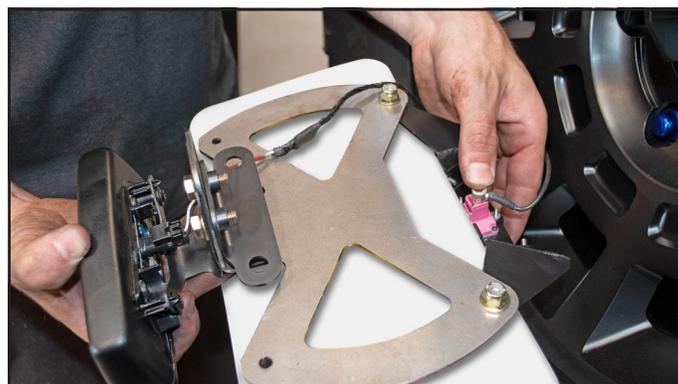


FIG.1

Congratulations! At this point, installation of the JL License Plate Relocation Kit is complete.

IMPORTANT: It is up to the installer to install a license plate illumination lamp if required by local regulations. Supplies and instructions to do so are not included with this product.



QUICK REMOVAL TO ACCESS THE SPARE TIRE

To quickly remove the license plate/brake light/camera assembly in order to remove the spare tire, it is not necessary to disassemble the entire apparatus. Only the two 3/8" bolts (9/16" wrench size) need be removed in order to remove the entire assembly whole.

It may be necessary to adjust the license plate out slightly in order to allow clearance for your wrench and the bolts as they back out. The license plate is easily adjusted outward by loosening the two 5/16" bolts (1/2" wrench size) on top of the assembly (behind the brake light) and sliding the license plate rearward in its slots.

Once the assembly is off in one piece, simply detach the electrical connections and set aside, then use a 7/8" wrench or socket to remove the lug studs.

Note that you will need to make sure each of the tools mentioned above are carried in your tool kit, in the vehicle, in the event of a flat tire.



FIG.1

**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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