



# JK COMP SERIES REAR BUMPER W/ INTEGRATED TOW HITCH AND RECOVERY TABS

DOCUMENT: INST\_25216\_REVA • UPDATED: AUG 2020

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:

**25216** 07-18 JK CS REAR BUMPER W/ HITCH AND TABS (Shown Above)

## COMPONENTS INCLUDED

(1) COMP Series Rear Bumper w/Hitch and Tabs

## HARDWARE INCLUDED

- (2) 3/8-16 X 1 Gr8 Hex Head Cap Screw
- (2) 3/8-16 Clip Nut
- (2) 3/8 Gr8 Flat Washer

## TECH NOTES

**NOTE:** These installation instructions are based on a clean installation on to a stock 2007-2018 Jeep JK Wrangler. Previously modified vehicles may require additional steps.

2012-19 Jeep Wrangler JK's will require vacuum pump relocation prior to installation of this bumper.

## TOOLS REQUIRED

- Mechanic's tool set with an assortment of wrenches, sockets, etc.
- Reciprocating saw with bi-metal blade OR pneumatic cut-off wheel OR plasma cutter OR
- other appropriate tool for cutting metal
- Angle grinder
- Scissors or razor knife
- Masking tape
- Fine-tip felt marker
- Center punch
- Drill motor with 1/4" & 1/2" drill bits
- Primer and 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. Remove factory(or other existing) rear bumper. Keep the original hardware that attached the bumper to the frame rails, some of it will be re-used.
3. Use the provided cut templates to transfer the drill and cut marks to the frame rails. Use scissors or a razor knife to cut the templates out along their outside lines.

**NOTE:** If downloading these instructions and printing yourself it is important to verify actual dimensions of the cut template match the specified 9" X 4.5" as is shown on the cut template. Make sure print settings scale is set to 100% and verify dimensions. Adjust printer settings as necessary before proceeding (MEASURE TWICE: CUT ONCE!).

4. Place the template against the side of the frame rail. Make sure that the circles marked "EXISTING HOLE" on the template are aligned with the proper holes in the frame rail. It may be helpful to tape the template in place to securely hold it while making the cut and drill marks in the next step.
5. Use a fine tip felt marker to mark the cut line on the frame rail, as is noted on the template.



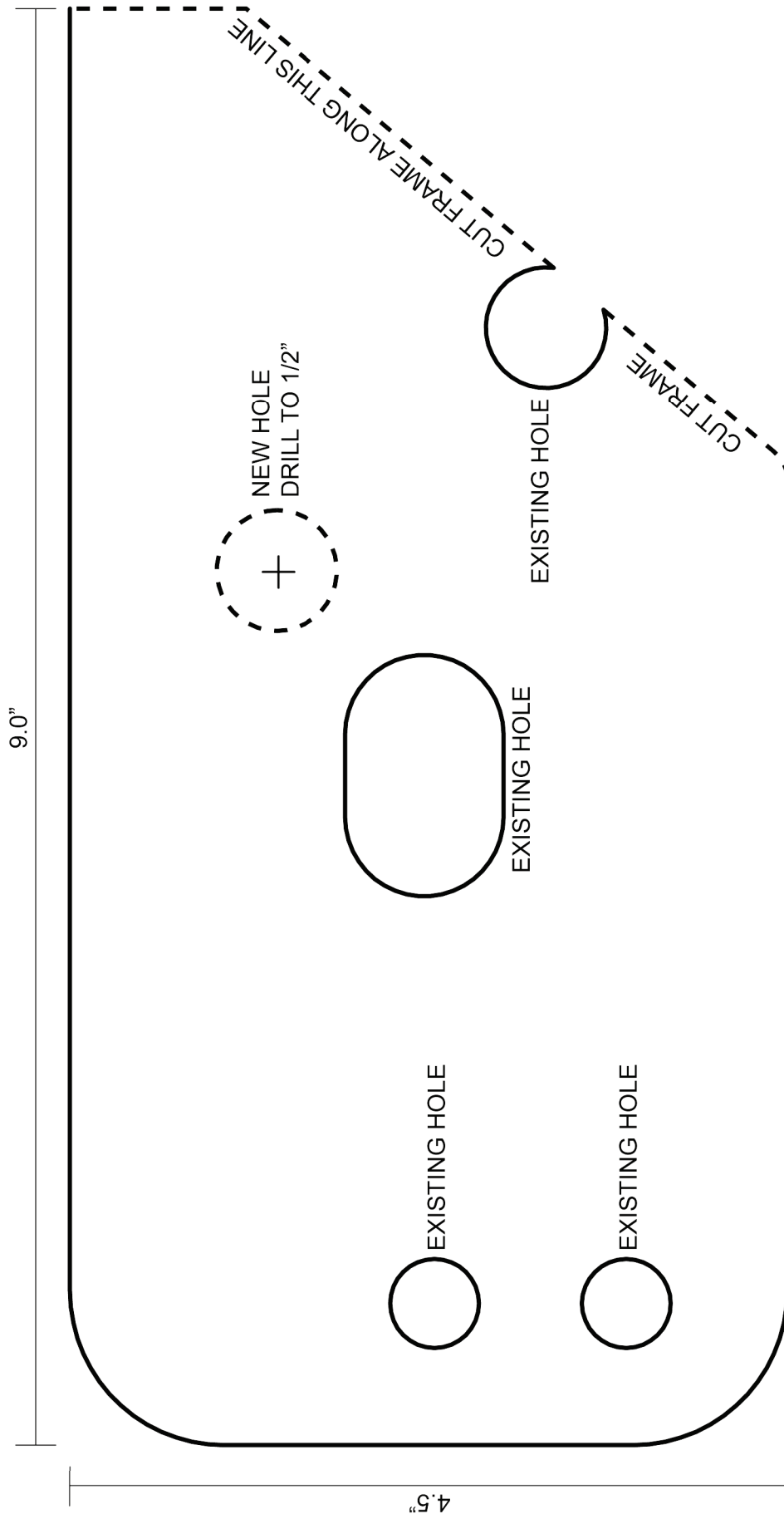
6. Use a center punch to mark the center of the 1/2" hole that you will need to drill, as is shown on the template.
7. Use a plasma cutter, torch, electric or pneumatic cutoff wheel, reciprocating saw, or the cutting tool of your choice to cut the frame rails along the cut marks that have been made with the template. Cut through both walls of each frame rail, and also remove the rear crossmember.
8. Drill the two new hole locations (one on each frame rail) that were marked with the cut templates. Use the 1/4" bit to drill the pilot holes, finish with the 1/2" bit.
9. Use a grinder or flap wheel to de-burr and smooth all edges from your cuts as well as the drilled holes.
10. Apply primer and paint to the bare metal in the areas that you cut, ground and drilled. Properly coating these areas at this time will help to prevent rusting in the future.
11. Install the supplied 3/8-16 Clip Nuts into both frame rails. Slip the clip nut through the existing oval-shaped hole in the frame rail and lodge the threaded portion of the clip nut into the 1/2" hole that was drilled. Make sure the extruded side of the clip nut is oriented toward the inside of the frame rail and the flush side of the clip nut is along the exterior surface of the frame rail.
12. Place the bumper on the frame rails. Use the supplied 3/8-16 X 1 Gr8 Hex Head Cap Screws and 3/8 Flat Washers to attach the bumper at each location where a clip nut was installed in a previous step.
13. Use the previously removed OE hardware for the other two bolt locations on either side (thru the holes marked "EXISTING HOLE" on the templates). Ensure that the bumper is properly aligned as you tighten these bolts.
14. VERIFY ALL FASTENERS ARE PROPERLY TORQUED BEFORE DRIVING VEHICLE.

*Congratulations! Your installation is complete.*

**RETORQUE ALL NUTS, BOLTS AND LUGS AFTER 100 MILES AND PERIODICALLY THEREAFTER.**

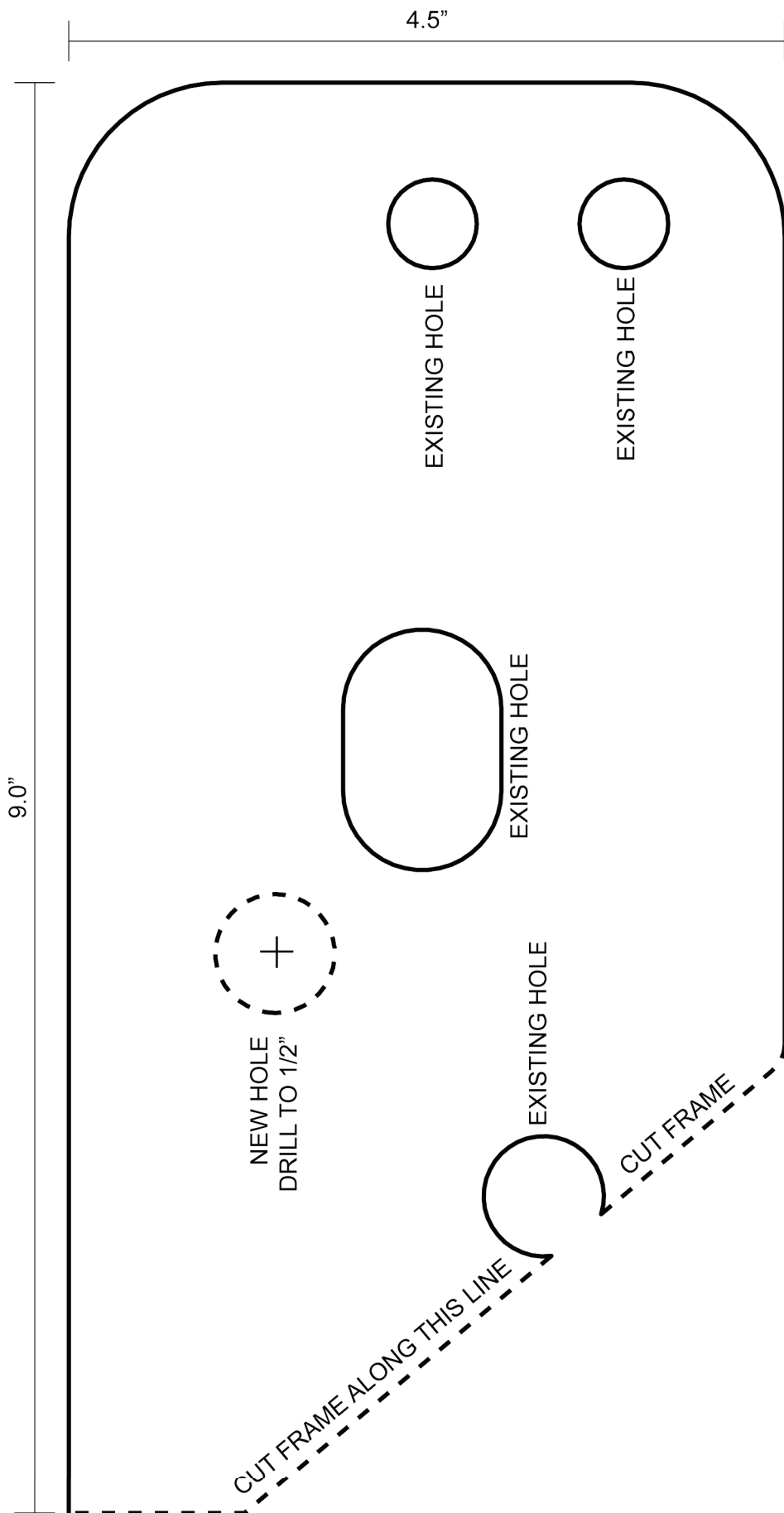


# CUT TEMPLATE - DRIVER SIDE





# CUT TEMPLATE - PASSENGER SIDE



**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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7929 Lincoln Ave. Riverside, CA 92504  
Phone: 951.689.ICON Fax: 951.689.1016  
[www.iconvehicledynamics.com](http://www.iconvehicledynamics.com)

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