



# 21-UP BRONCO FRONT DIFF SKID PLATE

DOCUMENT: INST\_45208\_REVA • UPDATED: AUG 2022

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:

45208 21-UP BRONCO FRONT DIFF SKID PLATE

## COMPONENTS INCLUDED

(1) BRONCO FRONT DIFF SKID PLATE

## HARDWARE INCLUDED

- (4) M10-1.5 X 40mm SS Button Head Cap Screw
- (4) M10 X 30mm OD SS Flat Washer

## TOOLS REQUIRED

- 6mm Hex Key or Driver Bit
- 15mm socket with ratchet

## 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 OR 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.**

## TECH NOTES

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

**NOTE:** This product is a heavy duty direct replacement for the factory diff skid plate. It may be used in conjunction with factory OE front skid plate that comes with the Modular steel bumper or with the ICON 21-UP Bronco Front Skid Plate (part number 45207).

## INSTALLATION INSTRUCTIONS

1. Ensure the vehicle is placed on a flat, level surface with the transmission in PARK (or first gear for vehicles equipped with a manual transmission), the tires chocked, and the emergency brake ON. Wear safety glasses from this point forward.  
*IMPORTANT: Depending on your vehicle's suspension and tire size, it may be necessary to lift the vehicle in order to gain adequate clearance to work underneath it. If so, use a floor jack to lift the front end of the vehicle, and lower it on to heavy duty jack stands placed at jacking locations approved by the vehicle manufacturer. DO NOT work underneath a vehicle being supported only by the jack itself.*
2. From underneath the vehicle, use a 15mm socket and ratchet to loosen the two (2) bolts at the front end of the factory differential skid or cover. It is not necessary to completely remove these bolts in this step.
3. Hold the skid plate securely up against the bottom of the vehicle and use the 15mm socket and ratchet to remove the two (2) rearward skid plate bolts. Be careful to while removing these bolts in order to keep it from falling and possible injury.
4. Slide the skid plate from under the frontward bolts and remove it from the vehicle.

**NOTE:** Using the ICON supplied hardware is optional, or may be required if factory skid plate bolts are not present. The supplied Button Head Cap Screws will provide a slightly less "grabby" profile than the factory hex head bolts. If desired, use a 6mm hex key or driver bit and ratchet to install the supplied M10-1.5 X 40mm SS Button Head Cap Screws with M10 X



*30mm OD SS Flat Washers. Begin by installing the two (2) forward fasteners first, leaving them loose enough to slip the skid plate under.*

5. Install the ICON 2021-UP FORD BRONCO FRONT DIFF SKID PLATE into the same location that the factory skid plate or cover was removed from, by first slipping the forward end of the skid underneath the forward skid plate bolts (which were previously loosened but not removed). It may be necessary to further loosen the forward skid plates bolts in order to accommodate the thicker steel plate of the ICON skid.
6. Press the rearward end of the skid up against the bottom of the vehicle and reinstall the two (2) factory rearward skid plate bolts (or ICON supplied Button Head Cap Screws with Flat Washers) through the holes in the rearward end of the ICON skid plate, into their corresponding threaded holes in the bottom of the vehicle.
7. Tighten all four (4) skid plate bolts.

*Congratulations! Your installation is complete.*

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

**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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