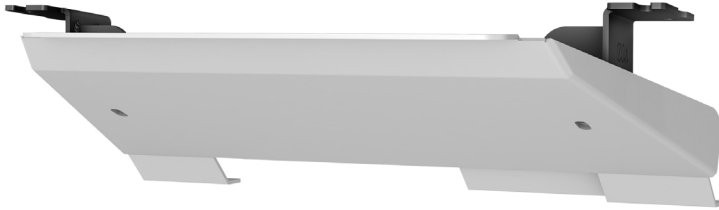




21-UP BRONCO FRONT SKID PLATE

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:

45207 21-UP FORD BRONCO FRONT SKID PLATE

COMPONENTS INCLUDED

- (1) BRONCO FRONT ALM SKID PLATE
- (1) MOUNTING BKT DRIVER
- (1) MOUNTING BKT PASSENGER

HARDWARE INCLUDED

- (4) 1/2-13 Gr5 Nylon Insert Lock Nut
- (10) 1/2 SAE Gr5 Flat Washer
- (6) 1/2-13 X 1-1/2 SS Button Head Cap Screw
- (2) M10-1.5 X 40mm SS Button Head Cap Screw
- (2) M10 X 30mm OD SS Flat Washer
- (4) 5-1/2 X 0.14 Nylon Cable Tie - Black
- (1) 6-inch Corrugated Wire Loom - Black

TOOLS REQUIRED

- 4mm, 6mm & 5/16" Hex Key Driver Bits
- 15mm & 3/4" sockets 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: NOT Compatible with factory OE bumpers or other manufacturers' aftermarket bumpers. This item is compatible with the following ICON bumpers:

45201 21-UP FORD BRONCO PRO SERIES FRONT WINCH BUMPER

45203 21-UP FORD BRONCO TRAIL SERIES FRONT BUMPER

NOTE: This item is compatible with 21-UP FORD BRONCO FRONT DIFF SKID PLATE (p/n 45208, sold separately) and with the factory OE Differential Skid Plate. It is NOT necessarily compatible with other manufacturers' aftermarket differential skid plates.

INSTALLATION INSTRUCTIONS

NOTE: it is encouraged (but not required) to install either ICON 21-Up Ford Bronco Bumper and/or the ICON 45208 21-UP FORD BRONCO DIFF SKID PLATE at the same time. This installation is compatible in conjunction with factory OE differential skid plate.

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.
2. From the underside of the front of the vehicle, use a 15mm socket and ratchet to loosen the two (2) bolts on the rearward edge of the skid plate factory skid plate or plastic lower valance. These fasteners do not need to be fully removed for this step.

NOTE: If the rear factory hardware is missing or you choose to use the supplied hardware, install the two (2) supplied M10-1.5 X 40mm SS Button Head Cap Screws and two (2) supplied M10 X 30mm OD SS Flat



Washers in place of the factory skid plate bolts. Leave the rearward fasteners only partially threaded in.



FIG. 2

3. Use a floor jack or the helping hand of a friend to support the forward edge of the factory skid plate while using the 15mm socket and ratchet to remove the two (2) skid plate bolts at the forward edge of the skid. Be careful to hold the skid plate securely up against the bottom of the vehicle while removing these bolts in order to keep it from falling and possible injury.
4. Slide the skid plate from under the rearward bolts and remove it from the vehicle.



FIG. 3

NOTE: if the vehicle is equipped with the factory plastic lower valance instead of the steel skid plate, additional fasteners will need to be removed in order to remove the valance.

5. Working on the passenger side of the vehicle, use a 15mm socket and ratchet to remove the two (2) factory bolts holding the OE Skid Plate/ Intercooler/Tow Hook Mount.



FIG. 4

6. Install the supplied ICON MOUNTING BKT PASSENGER onto the frame reusing the two (2) factory bolts and partially threading them to be loose at this point. Ensure that the lower intercooler mount is firmly seated into the bracket. Repeat process to install MOUNTING BKT DRIVER on the driver side.



FIG. 5

7. On vehicles with additional intercooler lines, use one (1) supplied CORRUGATED HOSE GUARD BLK 6" and slip between the line and driver side bracket. Use four (4) supplied 35-1/2 X 0.14 NYLON CABLE TIE, BLACK to secure the guard to the hose line.



FIG. 7



8. Install the ICON Skid Plate by first slipping the forward end of the skid up into the bottom of the ICON bumper and the rearward end of the skid plate under the rearward skid plate bolt heads/washers.
9. Use two (2) of the supplied 1/2-13 X 1.50 SS Button Head Cap Screws and two (2) supplied 1/2 SAE Gr5 Flat Washers and partially thread into the mounting brackets at this point to secure the skid plate.



FIG. 10

NOTE: If the lower mesh panel on the ICON Bumper has already been installed, use a 4mm hex key to remove the Button Head Bolts and set the lower mesh panel aside in order to access the backside/inside of the bumper.

10. Use four (4) of the supplied 1/2-13 X 1.50 SS Button Head Cap Screws and eight (8) supplied 1/2 SAE Gr5 Flat Washers and four (4) 1/2-13 Gr5 Nylon Insert Lock Nut to secure the front of the Skid Plate to the bumper. Orient the button heads (with flat washer under the head) on the outside/underside of the bumper, then reach through the lower hole in the ICON bumper to secure with a flat washer and lock nut on the inside of the bumper.
11. Ensure that the ICON Skid Plate is visually centered with the ICON Bumper, then use a 3/4" wrench on the nut and a 5/16" hex key or driver bit with ratchet on the button heads to tighten the four(4) sets of fasteners at the bumper/skid plate connection.



FIG. 11

12. Use the 5/16" hex key or driver bit with ratchet to tighten the two fasteners that attach the skid plate to the skid plate/intercooler brackets.
13. Use a 15mm socket and ratchet to tighten the rearward skid plate bolts and the bolts fastening the ICON Skid Plate/Intercooler Mounts to the frame.
14. Install the Lower Mesh Panel on the ICON bumper and tighten its fasteners with a 4mm hex key.
15. 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.



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



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