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ICON Vehicle Dynamics 42000 Installation Instructions

Crash Bars for Ford Bronco (2021-2023)

Part number: 42000

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Scan for fitment, price and install help

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42000 INSTALLATION INSTRUCTIONS

5-11-2022 REV.A

PART #	DESCRIPTION
42000	21-UP BRONCO HIGH CLEARANCE CRASH BAR KIT

COMPONENTS INCLUDED

(1) 144034D DRIVER SIDE CRASH BAR (1) 144034P PASSENGER SIDE CRASH BAR	(2) 144035 REAR CRASH BAR

HARDWARE INCLUDED

(1) 605969 VIBRATITE RED 2ML BULLET	

TOOLS REQUIRED

JACK JACK STANDS RATCHET	TORQUE WRENCH 15MM SOCKET / WRENCH

TECH NOTES

1. BRONCOS EQUIPPED WITH SASQUATCH PACKAGE LACK OE HARDWARE NEEDED FOR INSTALLATION. CRASH BAR MOUNTING BOLTS FROM A NON-SASQUATCH BRONCO, OR EQUIVALENT METRIC BOLTS, ARE REQUIRED FOR INSTALLATION ONTO A SASQUATCH EQUIPPED BRONCO.



WARNING!

*** 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 THAT YOU EXERCISE EXTREME CAUTION WHEN WORKING UNDER A VEHICLE THAT IS SUPPORTED WITH JACK STANDS.*

*** 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

1. Lift vehicle and securely place heavy duty jack stands under the manufacturer recommended lifting locations for the front of the vehicle. Take care when lifting the vehicle, and allow 3-4" of ground clearance from the tire. Remove front tires. NEVER WORK UNDER AN UNSUPPORTED VEHICLE.

2. Using a 15mm remove the bolts holding the rear crash bar in. Pull the crash bar out. **[FIGURE 1]**

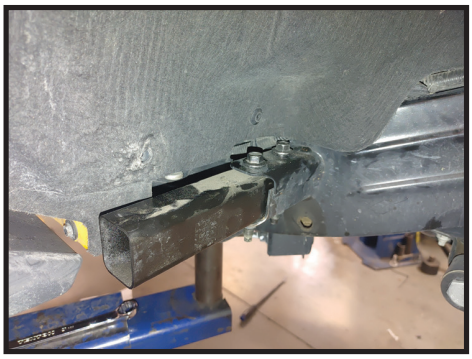

FIG.1

3. Install the new icon crash bar into place with the ribbed side facing the tire. Install factory hardware, use a small amount of the supplied red vibratite thread locker and torque to factory specs. **[FIGURE 2]**

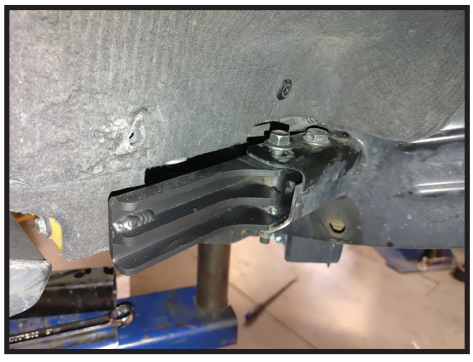

FIG.2

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4. To access the front crash bars, the front bumper may need to be loosened. Remove the access cover from the front bumper by firmly gripping it and pulling out. If a sensor is present, be careful not to damage the wiring. **[FIGURE 3]**

FIG.3



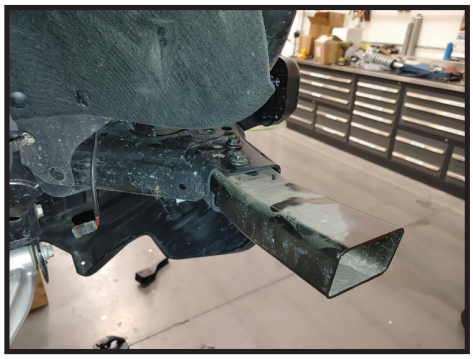
5. Using a 15mm, loosen the 3 bolts holding the bumper to the frame. **[FIGURE 4]**

FIG.4



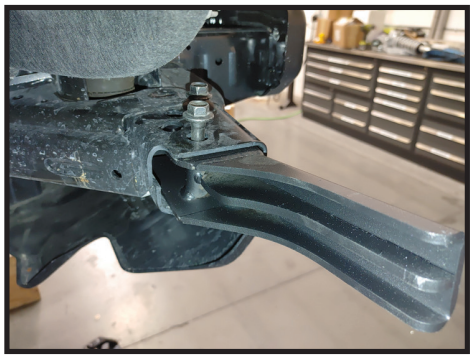
6. Using a 15mm loosen and remove the 2 bolts holding the front crash bar in and remove the crash bar. **[FIGURE 5]**

FIG.5



7. Install the new Icon crash bar into place, the ribs should face the tire and the kick should be up. Install the factory hardware using a small amount of vibratite red thread locker and torque to factory specs. **[FIGURE 6]**

FIG.6



8. If the front bumper was loosened, tighten those bolts now and reinstall the plastic access cover.

VERIFY ALL FASTENERS ARE PROPERLY TORQUED BEFORE DRIVING VEHICLE.

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

ICON VEHICLE DYNAMICS 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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