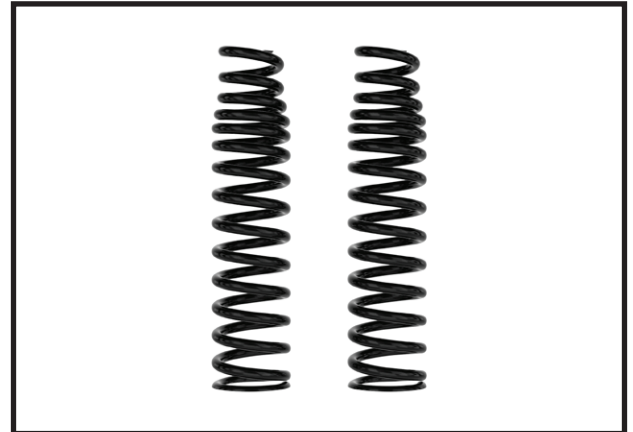


7929 Lincoln Ave. Riverside, CA 92504
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PART #	DESCRIPTION
48200	BRONCO HEAVY RATE REAR COIL KIT

COMPONENTS INCLUDED	
(2) 148352 COIL SPRING 2000.0300.220-300	
HARDWARE INCLUDED	
N/A	N/A
TOOLS REQUIRED	
JACK JACK STANDS TORQUE WRENCH SPRING COMPRESSOR DIAGONAL CUTTERS	FLAT BLADE SCREWDRIVER 27MM SOCKET/WRENCH 5/32 HEX EKY 1/2 12 POINT SOCKET
TECH NOTES	
<ol style="list-style-type: none"> IF COILOVER IS EQUIPPED WITH 148350 SPRING, PURCHASE ICON COIL SEAT #48201 COIL SPRING RECOMMENED IF EXCESS PAYLOAD IS CARRIED REGULARLY, SUCH AS IN OVERLANDING FASHION. SPRING OPTION DIAGRAM ON PAGE 2. ESTIMATED INSTALL TIME: 1-2 HOURS. 	



WARNING!
<p>** 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!</p> <p>** ICON VEHICLE DYNAMICS RECOMMENDS THAT YOU EXERCISE EXTREME CAUTION WHEN WORKING UNDER A VEHICLE THAT IS SUPPORTED WITH JACK STANDS.</p> <p>** 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.</p>

INSTALLATION

- Place vehicle in park on a level surface. Engage parking brake. Lift rear of vehicle and place jack stands under the manufacturer recommended locations. Remove the rear wheels and tires. NEVER WORK UNDER AN UNSUPPORTED VEHICLE.
- Take a picture of how the coilover is installed and the orientation of the spring. The new spring will be installed the same way. A photo for reference can help along the way.
- Remove the rear shock. A 1/2" 12-point socket will be needed for the upper mount and a 27mm wrench/socket for the axle side mount. If a reservoir shock, a 5/16" nut driver can be used to remove the reservoir. If a CDEV shock, disconnect the IIC wiring. [FIGURE 1 & 2]



FIG.1



FIG.2

- With the shock removed, use a spring compressor to compress the spring enough to remove the coil seat. Push the bumpstop and aluminum washer down enough to remove the coil seat. Then, remove the coil.
- Loosen the adjuster nut set screw with a 5/32" hex key and move the adjuster nut to the lowest setting.
- Install the new spring with the narrower end near the top of the shock as it sits in the vehicle. (Shaft up.) The narrow end is designed to clear the frame.
- Compress the spring and install the coil seat. The split in the coil seat needs to be 180° away from the end of the coil winding.

8. Reinstall the coilover onto the vehicle. Repeat steps on opposite side.

9. Enjoy!

**VERIFY ALL FASTENERS ARE PROPERLY TORQUED BEFORE DRIVING VEHICLE.
RETORQUE ALL NUTS, BOLTS AND LUGS AFTER 100 MILES AND PERIODICALLY THEREAFTER.**



2021-2023 FORD BRONCO OVERLAND SPRING

OPTION 1

1

**SPRING INSTALLED
AT THE
LOWEST SETTING**

**IMAGE SHOWN WITH
OVERLAND SPRING
INSTALLED WITH NO
ADDITIONAL WEIGHT**



OPTION 2

2

**SPRING SET IN THE
LOWEST POSITION
WITH A LEVELED
STANCE**

**150 lbs
IN CARGO AREA**



OPTION 3

3

**SPRING SET IN THE
LOWEST POSITION
WITH A SLIGHTLY
LOWER REAR**

**280 lbs
IN CARGO AREA**

**520 lbs
BACKSEAT**



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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