ICON Vehicle Dynamics 52800 Installation Instructions

3-Inch Rear Dual Rate Spring Kit for 4Runner, FJ & GX

Part number: 52800

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Scan for fitment, price and install help

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52800 INSTALLATION INSTRUCTIONS

1-29-2020 REV.B

PART #	DESCRIPTION
52800	07-14 FJ CRUISER/03-UP 4RUNNER/03-UP GX470/10-UP GX460 3" REAR DUAL RATE COIL SPRING KIT

COMPONENTS INCLUDED

(2) 158507 FJ/4RNR/GX REAR DUAL RATE COIL

HARDWARE INCLUDED

N/A

TOOLS REQUIRED

JACK
JACK STANDS
TORQUE WRENCH

12MM SOCKET / WRENCH
17MM SOCKET / WRENCH
19MM SOCKET / WRENCH
21MM SOCKET / WRENCH

TECH NOTES

1. IF USING ON A LEXUS GX460/GX470, ICON COIL CONVERSION KIT (56110) MUST BE USED.



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 INSTALLTION 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. Using a properly rated jack, raise the rear of the vehicle and support the frame rails with jack stands. Ensure the jack stands are secure and set properly before lowering the jack. NEVER WORK UNDER AN UNSUPPORTED VEHICLE. Remove the rear wheels.

2. Using a jack, support the rear axle then disconnect the sway bar links and shocks from the axle. Remove the clips that hold the ABS wires and brake lines to the axle. This is necessary to create enough room to install the new springs.

3. Remove the track bar bolt at the axle to allow the rear end to cycle to full extension.

4. Remove the stock springs. Due to rubber bushing stiffness you may need to pull down on the suspension. If it is still too stiff to remove the spring then you may loosen the bolts on the control arms.

5. Slowly lower the axle and the coils will unload from the mounts so that you can remove them. Remove the rubber isolator from the stock coil and install it on the new coils.

6. Install the ICON springs with the pig tail in the same orientation as the factory springs, make sure the springs are seated properly.

7. Reinstall the brake lines and ABS wires into their clips. Reinstall the sway bar links, shocks, and track bar.

8. Install wheels and lower vehicle to the ground. [Torque to factory spec]

9. If you loosened control arm bolts, then retighten them when the vehicle is sitting on the ground and at its ride height.

VERIFY ALL FASTENERS ARE PROPERLY TORQUED BEFORE DRIVING VEHICLE.

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

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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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