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# ICON Vehicle Dynamics 52050 Installation Instructions

Toyota Rear 8.0-Inch U-Bolt Kit

Part number: 52050

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Scan for fitment, price and install help

ICON VEHICLE DYNAMICS®
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# *52050 INSTALLATION INSTRUCTIONS*

*7-23-2021 REV.B*

| PART # | DESCRIPTION |
|---|---|
| 52050 | TOYOTA REAR 8.0” U-BOLT KIT |

## COMPONENTS INCLUDED

| | |
|---|---|
| N/A | |

## HARDWARE INCLUDED

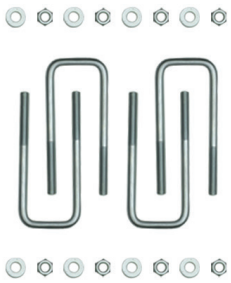
| | |
|---|---|
| (4) 159689 8.0” SQ TOP UBOLT 9/16-18 W/NUTS /WASHERS/TACO/TUNDRA/COLORADO | |

## TOOLS REQUIRED

| | |
|---|---|
| JACK<br>JACK STANDS<br>TORQUE WRENCH | 7/8” SOCKET / WRENCH<br>19MM SOCKET / WRENCH |

## TECH NOTES

*N/A*



**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.*** 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.*** Remove the lower rear shock bolts using a 19mm socket/wrench.

***3.*** Use a jack to support the axle then loosen and remove the driver side U-bolts using a 19mm socket/wrench. Make sure the axle is well supported or it could fall when the U-bolts are removed.

***4.*** Slowly lower the axle away from the springs. Make desired changes to leaf spring. Refer to leaf spring install instructions.

***5.*** Use a jack to raise the axle and guide the spring center pin into the hole on the top of the axle. Install supplied U-bolts washers and nuts using a 7/8” socket/wrench. [Torque to 90ft-lbs]

***6.*** Repeat steps 2-5 on opposite side of the vehicle.

***7.*** Reinstall shock to the factory lower shock mount using a 19mm socket/wrench. [Torque to factory spec]

***8.*** Reinstall wheels and lower to the ground. [Torque to factory spec]

***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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