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# 2007- 2017 Toyota Tundra 2"- 3" Coil-Over Kit Installation Instructions

### REQUIRED TOOL LIST:

- Safety Glasses
- Metric / Standard Wrenches & Sockets
- Ball Joint Remover
- Tie Rod Remover
- Floor Jack
- Jack Stands
- Measuring Tape
- Torque Wrench



Before beginning the installation, thoroughly & completely read these instructions & the enclosed driver's WARNING NOTICE. Affix the WARNING decal in the passenger compartment in clear view of all occupants. Please refer to the Parts List to insure that all parts & hardware are received prior to the disassembly of the vehicle. If any parts are found to be missing, contact SKYJACKER<sup>®</sup> Customer Service at 318-388-0816 to obtain the needed items. If you have any questions or reservations about installing this product, contact SKYJACKER<sup>®</sup> Technical Assistance at 318-388-0816.

Park the vehicle on a level concrete or asphalt surface. Many times a vehicle is not level (side-to-side) from the factory & is usually not noticed until a lift kit has been installed, which makes the difference more visible. Using a measuring tape, measure the front & rear (both sides) from the ground up to the center of the fender opening above the axle. Record this information below for future reference.

Driver Side Front: \_\_\_\_\_

Passenger Side Front: \_\_\_\_\_

Driver Side Rear: \_\_\_\_\_

Passenger Side Rear: \_\_\_\_\_

### Important Notes:

- If larger tires (10% more than the OEM diameter) are installed, speedometer recalibration will be necessary. Contact your local Toyota dealer or an authorized dealer for details.
- After installation, a qualified alignment facility is required to align the vehicle to the OEM specifications.

## Component Box Breakdown:

### Part #: TU730BM / TU730K (Includes TU730 & TU710R)

Item #	Description	Qty	Item #	Description	Qty
SKY203-S	TOYOTA COIL-OVER SHOCK	2	HB-TU730	HDWR BAG: TU730	1
TOY20153-S	TOYOTA C/O COIL SPRING	2	HB-916	HDWR BAG: 9/16 FINE THR NUT	1
TU7USM-B	UPPER SHOCK MOUNT	2	M9562	MONOTUBE SHOCK	2
RBF125	1.25" REAR LIFT BLOCK	2		<b>(Included With TU730BM Box)</b>	
916X212X834U	9/16 X 2 1/2 X 8 3/4 U-BOLT	4	I-TU730	INST SHEET: TU730K / TU730BM	1

## Hardware Breakdown:

### Part # HB-TU730

Item #	Description	Qty	Item #	Description	Qty
716X1FTB	7/16 X 1 FINE THREAD BOLT	8	12FTN	1/2 FINE THREAD LOCK NUT	2
716SAEW	7/16 SAE WASHER	16	58X712FTB	5/8 X 7 1/2 FINE THREAD BOLT	2
716FTN	7/16 FINE THREAD LOCK NUT	8	58SAEW	5/8 SAE WASHER	4
12X212FTB	1/2 X 2 1/2 FINE THREAD BOLT	2	58FTN	5/8 FINE THREAD LOCK NUT	2
12SAEW	1/2 SAE WASHER	4	SW201	SPANNER WRENCH	1

### Part # HB-916

Item #	Description	Qty
916FTN	9/16 FINE THREAD LOCK NUT	8

## Front Installation:

1. With the vehicle on flat level ground, set the emergency brake, & block the rear tires / wheels.
2. Raise the front of the vehicle & support the vehicle securely using jack stands.
3. Remove the front tires / wheels. (See Photo # 1)
4. Remove the OEM ABS lines from the OEM upper A-arms & disconnect the OEM ABS / brake lines from the OEM steering knuckles.
5. Disconnect the OEM outer tie rods from the OEM steering knuckles using a tie rod remover or other suitable tool.
6. Disconnect the OEM sway bar end links from the OEM sway bar.
7. Disconnect the lower strut mounts from the OEM lower A-arms. (See Photo # 2)



8. Disconnect the OEM upper A-arms from the OEM steering knuckles using a ball joint remover or other suitable tool. (See Photo # 3)
9. Remove the upper strut mounting bolts from the OEM upper frame mounts & remove the OEM strut assemblies.
10. Assemble the new Skyjacker coil-over shocks using the supplied coil spring. **Note:** Using the supplied spanner wrench, adjust each new Skyjacker coil-over shock assembly to where there is 2.5" of exposed thread above the spanner nut. This will yield approximately 2.5" - 3" of lift.
11. Install new Skyjacker upper mounting brackets to each new Skyjacker coil-over shock assembly using the supplied 1/2" x 2 1/2" fine thread bolts, washers, & nuts. (See Photo # 4)
12. Install the new Skyjacker coil-over shock assemblies to each OEM upper mount using the supplied 7/16" x 1" fine thread bolts, washers, & nuts.
13. Install the new Skyjacker coil-over shock assemblies to each OEM lower A-arm using the supplied 5/8" x 7 1/2" fine thread bolts, washers, & nuts. **Note:** Install the supplied larger step spacer on each lower A-arm in order to move the new coil-over assemblies away from the OEM cv-axles. (See Photo # 5)
14. Connect the OEM upper A-arms to the OEM steering knuckles using the OEM hardware. (See Photo # 6) **Note:** It may be necessary to use a pry bar to pull the OEM A-arms down enough to reattach.
15. Connect the OEM outer tie rods to the OEM steering knuckles using the OEM hardware.
16. Connect the OEM ABS / brake lines to the OEM upper A-arms using the OEM hardware.
17. Connect the OEM sway bar end links to the OEM steering knuckles using the OEM hardware.
18. Install the front tires / wheels & lower the front of the vehicle to the ground.



## **Rear Installation:**

1. Block the front tires / wheels, raise the rear of the vehicle, & support using jack stands.
2. While supporting the rear differential, remove the rear tires / wheels.
3. Remove the OEM rear shocks & disconnect the OEM brake line bracket from the rear differential.

4. Remove the OEM rear u-bolts. **Note:** The rear differential will now be free to move, support securely using a floor jack.
5. Lower the rear differential & install the new Skyjacker rear lift blocks between the axle pad & OEM leaf spring. (See Photo # 6)
6. Raise the rear differential to the rear leaf springs. **Note:** Be sure the rear leaf spring center tie bolts & block pins align in the proper holes & are completely seated.



7. Install the new Skyjacker u-bolts using the supplied 9/16" fine thread nuts.
8. Connect the OEM brake line bracket to the rear differential.
9. Install the new Skyjacker rear shocks using the OEM & supplied hardware.
10. Install the rear tires / wheels & lower the rear of the vehicle to the ground.

**Final Notes:**

- After the installation is complete, double check that all nuts & bolts are tight. Refer to the following chart for the proper torque specifications. (Do not retighten the nuts & bolts where thread lock compound was used.)
- With the vehicle placed on the ground, cycle the steering lock to lock & inspect the steering, suspension, brake lines, front & rear drivelines, fuel lines, & wiring harnesses for proper operation, tightness, & adequate clearance.
- Have the headlights readjusted to the proper settings.
- Have a qualified alignment center align the vehicle to the OEM specifications.
- After the first 100 miles, check all of the hardware for the proper torque & periodically thereafter.

<b><u>TORQUE SPECIFICATIONS</u></b>					
<b><u>INCH SYSTEM</u></b>			<b><u>METRIC SYSTEM</u></b>		
<b>Bolt Size</b>	<b>Grade 5</b>	<b>Grade 8</b>	<b>Bolt Size</b>	<b>Class 8.8</b>	<b>Class 10.9</b>
5/16	15 FT LB	20 FT LB	6MM	5 FT LB	9 FT LB
3/8	30 FT LB	35 FT LB	8MM	18 FT LB	23 FT LB
7/16	45 FT LB	60 FT LB	10MM	32 FT LB	45 FT LB
1/2	65 FT LB	90 FT LB	12MM	55 FT LB	75 FT LB
9/16	95 FT LB	130 FT LB	14MM	85 FT LB	120 FT LB
5/8	135 FT LB	175 FT LB	16MM	130 FT LB	165 FT LB
3/4	185 FT LB	280 FT LB	18MM	170 FT LB	240 FT LB

- The above specifications are not to be used when the bolt is being installed with a bushing.

**Seat Belts Save Lives, Please Wear Your Seat Belt.**