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## 2007 Toyota Tundra 3" Coil Over Installation Instructions

### REQUIRED TOOL LIST:

- Spring Compressor
- Metric/Standard Wrenches & Sockets
- Floor Jack
- Jack Stands
- Measuring Tape
- Torque Wrench

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Before beginning the installation, read these instructions and the enclosed driver's WARNING NOTICE thoroughly and completely. Also affix the WARNING decal in passenger compartment in clear view of all occupants. If any of these items are missing from this instruction packet, do not proceed with installation, but call SKYJACKER® to obtain needed items. If you have any questions or reservations about installing this lift kit, call SKYJACKER® at 318-388-0816 for Technical Assistance or Customer Service departments.

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

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

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

### **IMPORTANT NOTES:**

- Please refer to Parts List to insure that all parts and hardware are received prior to disassembly of vehicle. If any parts are found to be missing, contact your dealer as soon as possible.
- If larger tires (10% more than stock diameter) are installed, speedometer recalibration is necessary (see Toyota dealer or Tire Store).
- This lift is determined from the front while only lifting the rear to a position level with the front.
- After installation, a qualified alignment facility is required to align the vehicle to factory specs.

## Kit Box Breakdown:

### **TU730:**

#### **Main Component Box**

<u>ITEM#</u>	<u>DESCRIPTION</u>	<u>QTY</u>
SKY203-S	SKY 2"C/O SHK 5.26 LONG EYE	2
TOY20153-S	TOY 2.5-3" COIL-2" C/O SHK	2
TU7USM-B	07 TUNDRA UPPER COILOVR MNT	2
HB-TU730	HDWR BAG: TU730 TUNDRA KIT	1

### **HB-TU730:**

#### **Hardware Bag**

<u>ITEM#</u>	<u>DESCRIPTION</u>	<u>QTY</u>
716X1FTB	7/16 X 1 BOLT,FINE THD GRD8	8
716SAEW	7/16 SAE WASHER	16
716FTN	7/16-20 FINE N/I LOCK NUT	8
12X212FTB	1/2 X 2 1/2 FINE THRD BOLT	2
12SAEW	1/2 SAE WASHER	4
12FTN	1/2-20 FINE N/I LOCK NUT	2
58X712FTB	5/8 X 7 1/2" FTB GRADE 8	2
58SAEW	5/8 SAE WASHERS	4
58FTN	5/8-18 NYLON INSERT LOCKNUT	2

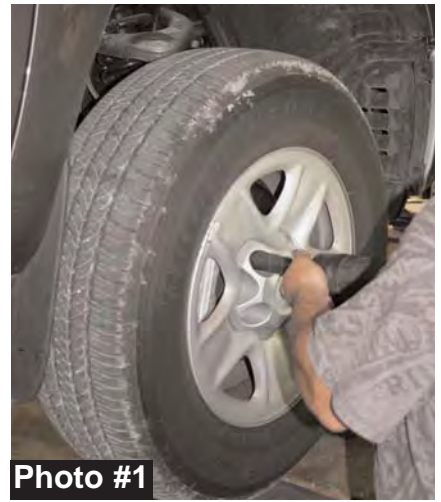
### **TU710R:**

#### **Block / U-Bolt Kit**

<u>ITEM#</u>	<u>DESCRIPTION</u>	<u>QTY</u>
916X212X834U	REAR U-BOLT	4
RBF125	1.25" FLAT REAR BLOCK	2
HB-916	(8) 9/16 FINE THREAD NUTS	1

## **Installation:**

1. Secure and properly block the rear tires of vehicle on a level concrete or asphalt surface.
2. Raise the vehicle from the front center cross member and remove tires and wheels. (See Photo #1)
3. Disconnect outer tie rod from steering knuckle using tie rod puller.
4. Disconnect the lower strut mount from the lower A-Arm. Remove bolt. Disconnect sway bar end links (See Photo #2).
5. Disconnect the Upper A-Arm ball joint from the top of the steering knuckle. (See Photo #3). It will be necessary to use a ball joint tool.
6. Remove the upper four strut mounting bolts from the upper frame mount. Remove strut.
7. Attach the new upper coil over mount to the factory position on the frame. Attach using the (4) 7/16 x 1" fine thread bolts, washers and nuts. (See Photo #4)
8. Assemble Skyjacker Coil Over as shown in Photo #5. Be sure to use the larger step bushing on one side at the lower mount. Install so that coil over is moved away from the CV shaft. (See Photo #6.
6. Install new coil over assembly. Bolt upper portion to frame using the 1/2 x 2 1/2" hardware. Attach lower mount using the 5/8 x 7 1/2 hardware. (See Photo #7) Re-attach upper ball joint.
7. Re-attach sway bar end link and outer tie rod. (May need to adjust tie rod to re-attach) With all parts attached, torque all fasteners to factory specs. Install tires and lower vehicle to the ground.



**Photo #1**



**Photo #2**



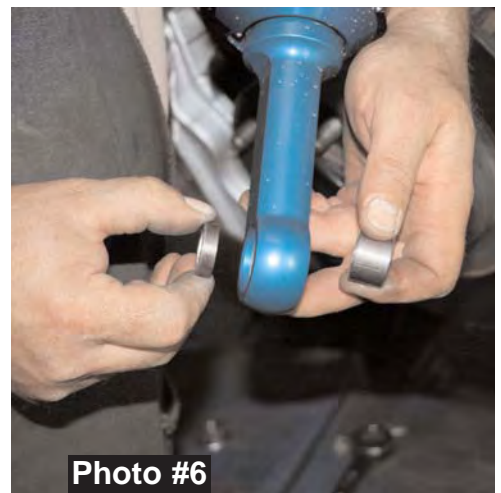
**Photo #3**



**Photo #4**



**Photo #5**



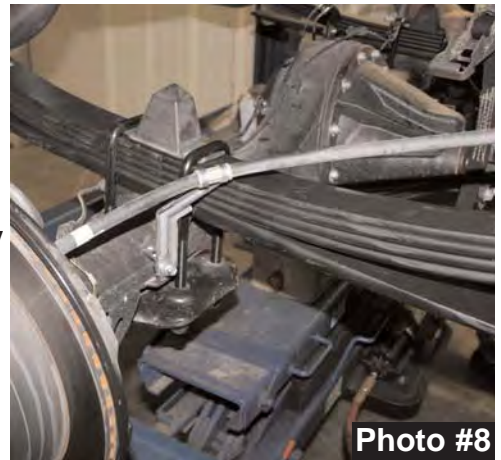
**Photo #6**

## **Rear Installation:**

8. If installing rear block and U-Bolt kit. Block the front tires and raise the rear end using floor jack. Properly support frame rails using jack stands. Remove rear tires / wheels.
  9. Remove rear shocks. (See Photo #8). Remove rear u-bolts and lower rear end enough to allow for installation of the rear lift block. With block installed, raise rear end up and install new u-bolts.
  10. With u-bolts tight, re-install shocks, tires / wheels and lower to the ground.
  11. With install complete, measure lift height gained. The front can be adjusted up or down for desired lift. Once adjusted, tighten the spanners and have vehicle aligned.
- \* **After install is complete, check all hardware and parts for accurate installation. Be sure all bolts are tight and properly installed.**
  - \* **Vehicle must be aligned by a qualified alignment facility.**
  - \* **Check all bolts for tightness after the first 100 miles.**



**Photo #7**



**Photo #8**

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