

**PRIMARY APPLICATION**

**TOYOTA**

Tacoma 4x2(2014-2015)

Tacoma 4x4(2014-2015)

**TOOLS REQUIRED**

- 2 3/4" Wrench
- 2 1/2" Wrench
- 1 C-Clamp
- 2 Floor Jack
- 2 Jack Stands
- 4 Wheel Blocks

**APPROXIMATE INSTALL TIME**

🕒 2 Hours



**SuperSprings International, Inc.**

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**Technical Support**

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**Never exceed the manufacturer's Gross Vehicle Weight Rating (GVWR) located on your vehicle's identification tag.**

**SAFETY NOTICE:** We recommend installation be done by a professional or persons with sound mechanical knowledge.

**WARNING:** These instructions are a general guide for installation. SuperSprings International, Inc. assumes no liability for the actual installation process. Consumers and installers should apply common automotive safety practices when raising and working on any vehicle. **Do not put yourself in a position where, if the vehicle were to move**

**unexpectedly, you may be injured.** SuperSprings' products are designed to improve vehicle ride quality. Do not load any vehicle beyond the manufacturer's specifications.

**BEFORE INSTALLATION:** Ensure the vehicle is on a level surface, the parking brake is ON, with the ignition OFF, and place blocks in front of and behind the front tires to prevent the vehicle from moving.

**DURING AND/OR AFTER INSTALLATION:** Ensure emergency brake cables are not touching the SuperSprings. Secure any cables out of the way with zip ties or by re-routing. **Ensure all A/C lines, brake cables and frame are clear of contact or interference.**

**Front / Rear**

These springs have a specific **front/rear** and **driver/passenger side layout**. Refer to pictures and the labels on the springs for correct orientation.

1. Vehicle must be on level solid surface with the parking brake ON and the ignition OFF. Place blocks in front and rear of the front tires to prevent the vehicle from moving.

*Note: You do not need to remove the wheels for this installation.*

2. Starting on the driver's side, with the vehicle still on the ground [one side at a time], loosen axle u-bolts to allow removal of the factory bump-stop. After removal retighten the u-bolts and torque to factory specifications. After removing both bumpstops raise the vehicle by the frame so that the rear wheels are slightly off the ground. Support the vehicle with jack stands.

**IMPORTANT: AFTER 200-500 MILES OF DRIVING, RE-TORQUE U-BOLTS.**

3. Place mounting block between the factory U-bolts with the open ends perpendicular to the vehicle frame. Ensure circular hole is located over the center bolt through the factory spring pack. Tap mounting block into position as seen in **Figure 1**. Place SuperSprings labeled "Driver Side Front" on top of mounting block with the label toward the front of the truck. Attach cross bar clamps and bump stop as seen in **Figure 2**. Leave clamp hardware loose for now.

4. Before installing the front shackle, the plastic nub that protrudes through the bottom of the third leaf **Figure 3** must be removed so that it will not interfere with the roller of the front shackle. It should be removed flush with the leaf with a chisel or sanding disc. As seen in **Figure 4**.



**5. Front Shackle**

Position the shackle between the two front spring clips so that the roller will ride under the end of the third leaf directly over where the plastic nub was removed. To ensure clearance under the frame, the UPPER bolt-hole position must be used on the front shackle. Both bolts on front shackle must have the threads facing OUT as seen in **Figure 5**. Ensure all brake cables are routed clear out of the way of the SuperSprings blades; **Bend front emergency brake cable bracket to provide clearance around front shackle.**



**6. Rear Shackle**

Use C-Clamp and pull down rear shackle, position the spring shackle between the two rear spring clips so that the roller will ride under the second leaf and about 3/4" – 1" behind the end of the third leaf as seen in **Figure 6**.

Ensure that the threads of the upper and lower bolts are both facing out away from the frame.

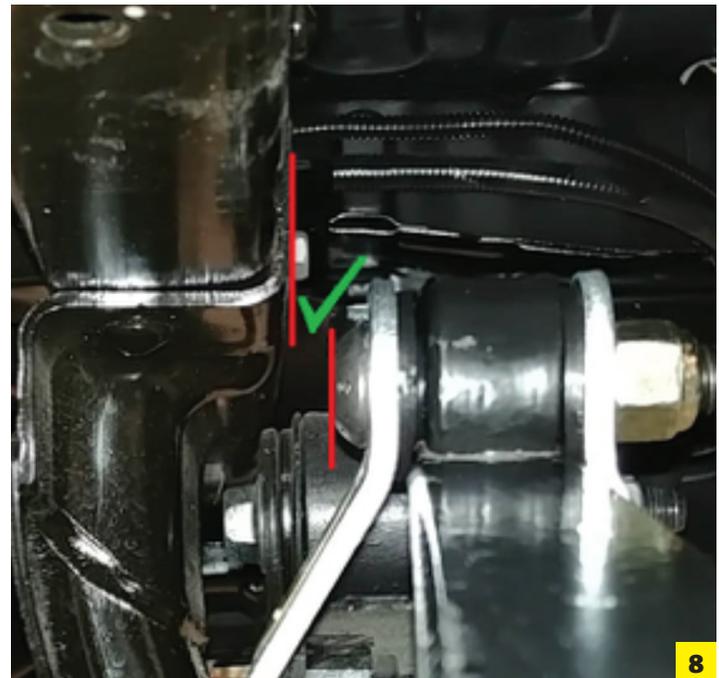
**Note:** For the rear shackle, SuperSprings recommends setting the lower hole position for the roller as this will induce less preload and provide a better ride when the truck is unloaded. When more preload is required the roller can be installed in the upper hole position.



7. Ensure front and rear shackles are in the correct positions per the previous steps. In order to provide enough clearance to the frame, **pull the assembly outboard [away from the frame] so that it slides as far toward the wheel on the mounting block as it will move.** Once it is adjusted to this position, tighten the hardware for the cross bar clamps starting with the bolt/nut on the inboard side as seen in **Figure 7**. Confirm that the rear upper shackle bolt is clear of frame as seen in **Figure 8**.



8. Repeat steps 2 through 7 on the passenger side.



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