



Boise Spring Works 2nd stage install kit

(for Toyota Tacoma and Tundra's)

Enclosed you will find-

- 1- Set of BSW leaf spring Build-ups
- 4- Ubolts w/nuts and washers
- 2- 3/8" center bolts w/nuts

Please note:

The Red and Blue ends are color specific, Blue is for the left (Drivers side) and Red is for the right (Passengers side)

Both painted ends go towards the front of the vehicle

If further instructions are needed beyond this manual Please call us or visit our website at www.boisespringworks.com

1-800-585-5332

Phone: 208-377-1157

Fax: 208-377-1193

Thanks for your Order!

Always block front tires of vehicle when lifting from the rear

Step 1: Remove both shocks at the bottom hangers and let hang free. Then remove the four U-bolts (two on either side) New U-bolts come with kit.

Before



After



Step 2: Lift vehicle up in the rear off of the hitch receiver or off of the frame (cannot lift off of the axle) be careful to watch your brake lines and ABS lines while doing this. Img. 1

- After vehicle is up place clamps on both the front and rear of the springs (on the outside of the stock band clips) Img. 2-3

Img. 1



Img. 2



Img. 3



Step 3: After clamps have been placed remove the thick original 2nd stage leaf by removing the center bolt (new bolts comes with kit)

Before



After



Please note: varying on the year some Tacoma trucks have an emergency brake line bracket to the stock second stage leaf, this needs to be removed, the new BSW build-up will have a new band clip to attach the existing bracket to.

Seen below

Left image is a Tundra install kit right image is a Tacoma install kit
Both kits are left and right specific.

blue is drivers side

Red is Passengers side



Step 4: Using the new center bolt provided Slide the new BSW 2nd stage up to the existing leaves in the vehicle. (paint towards the front of the vehicle) tighten down until all leaves are tight together with no gaps in the middle. Once tight you must cut off the remainder of the center bolt sticking through (leave at least 3 threads above nut)

BSW 2nd Stage Installed



Center bolt Tightened



Center bolt Cut



Step 5: Now that the 2nd stage is installed you can lower the vehicle back into the axle by lining the new center bolt up with the perch of the axle. After getting the springs in the axle you can put your top bump stop/top plate back on the spring and run the new U-bolts over the top of them.

Spring back into axle



Top plate and ubolts re-installed



Step 6: Now that everything is in place you can put the bottom plate around the axle with the U-bolts sticking through, fasten the nuts on the U-bolts in a cross pattern torqueing them to 100- 124ft pounds. After U-bolts are tight you can re-lift your vehicle to make the shocks easier to hook up. Once shocks are tight installation is complete. (RE-Torque U-bolts after around 800 miles)



Drivers side



Passengers side

