

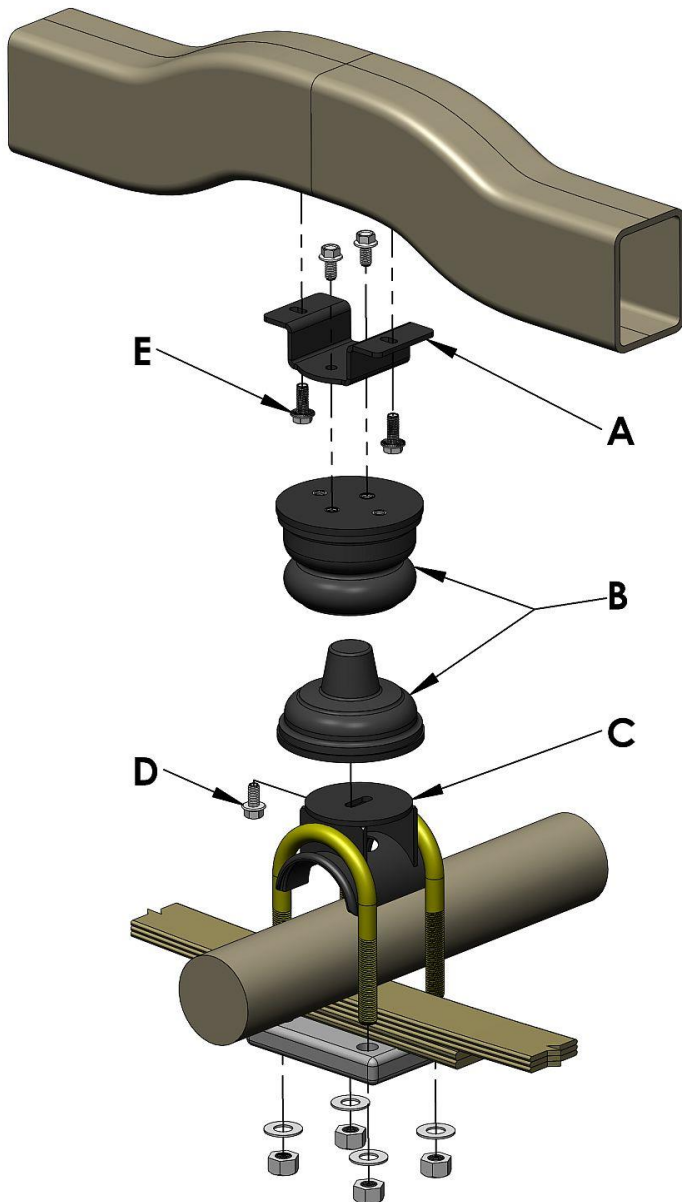
# SumoSprings Rear

Toyota Landcruiser 70 Series (1985-2016)

SSR-614-47-2 & SSR-614-54-2

Installation Instructions

Driver's side (Passenger's side similar)



## Parts List

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Quant.</u>
A	522026	Top bracket	2
B	521402	Sumospring Black -47	2
	521407	SumoSpring Yellow -54	2
C	522058	Bottom bracket	2
D	512207	3/8-16 x 3/4" serrated flange hex bolt	6
E	OEM	Factory jounce bolts	4
F	512239	Loc-tite	1

## Tool List

Floor Jack	1
Jack stands	2
Wheel blocks	4
9/16" wrench	1
9/16" socket and ratchet	1
1/2" wrench	1
8mm wrench	2

### **Important Notice.**

- 1) For easy installation please read instructions completely first and have all necessary tools available.
- 2) We recommend that this installation be done by a professional or persons with sound mechanical knowledge.
- 3) SumoSprings are designed to work with the original factory springs only. If they have been replaced with aftermarket springs then please consult with Supersprings International at 866-898-0720.
- 4) These instructions are meant as a guide for the installation of SumoSprings. SuperSprings International assumes no liability for the actual installation process. Installers should apply common automotive safety practices when raising, lowering and working on vehicles.
- 5) SumoSprings are designed to enhance the vehicles load carrying performance and road handling however it does not authorize (or recommend) loading beyond the manufacturer's GVWR specifications.
- 6) For technical support contact SuperSprings International at 866-898-0720.

***To prevent damage to the vehicle and to ensure safety, do not exceed the maximum load recommended by the vehicles manufacturer (GVWR).***

### **Installation Instructions**

1. Park vehicle on a hard level surface.
2. Place wheel wedges in front and behind the front wheels to prevent rolling.
3. Raise the rear of the vehicle allowing the axle to hang free and rest the chassis on jack stands rated for the weight of the vehicle.
4. Removal of the rear wheels is optional, however it is recommended.
5. Remove the factory bump stops from the underside of the chassis and set aside. Retain the factory bump stop bolts for later re-installation of the top bracket assembly.
6. Remove bracket kit from the box. Starting with the passengers side (see exploded view) loosely assemble the spring (Item B), lower bracket (Item C) with a 3/8-16 serrated flange bolt (Item D).
7. The bottom bracket (Item C) should be straddling the axle under the factory u-bolts.
8. Secure the upper bracket (item A) to the top of the spring (Item B) using the 3/8-16 serrated flange bolt (Item D).
9. Jack the axle up and align top bracket (Item A) to the factory bump stop holes in the bottom of the chassis. Then tighten the 3/8-16 serrated flange bolt (Item D) securing the spring (Item B).
10. The passenger side may require the use of the supplied heat shield. This heat shield should be fitted between the top bracket (Item A) and the spring (Item B) if necessary bend the front corner of the heat shield down to optimize clearance.
11. Jack the axle up to allow that the top bracket (Item A) is fully engaged with the underside of the chassis. Then re-insert the two bump stop bolts (Item E) removed in step 5 and secure tightly.
12. Repeat steps 4 through to 11 on the drivers side of the vehicle.
13. Jack up vehicle, remove safety jack stands. Carefully lower vehicle.
14. Remove wheel wedges from the front wheels.

#### Notes

- In some vehicles the diff breather may need to be rotated away to optimize clearance with the bottom bracket (Item C).