

PART NUMBER

SSR-306-47



BEFORE YOU BEGIN

PRIMARY APPLICATIONS

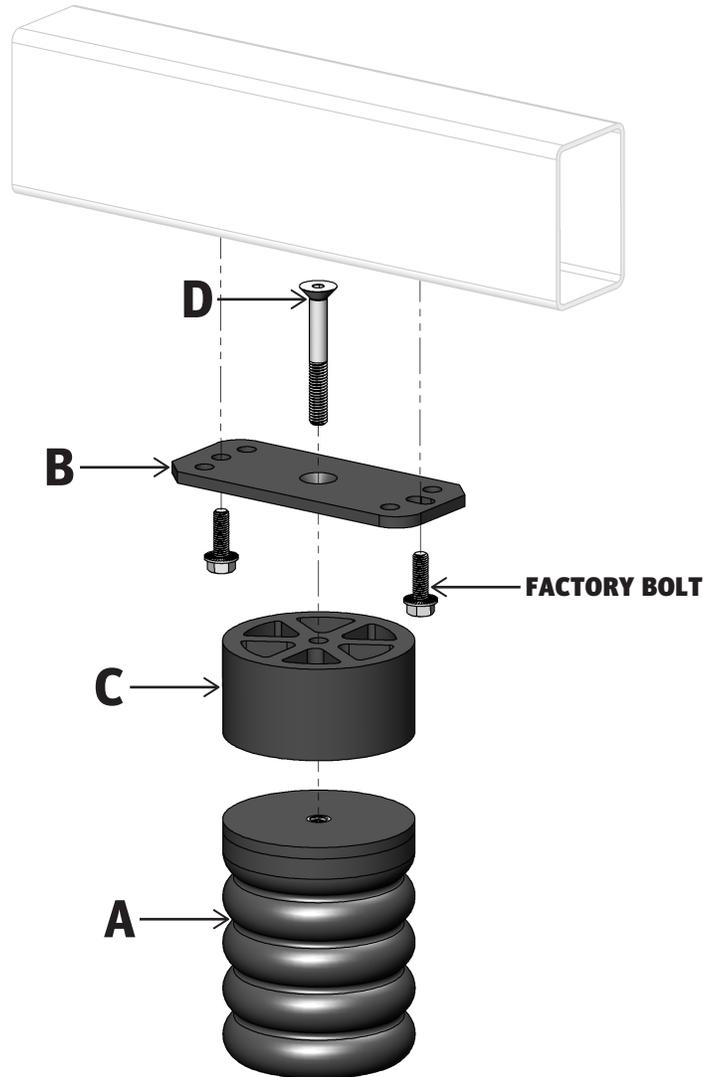
- > Dodge RAM 1500 4 X 2
(2003 - 2008)
- > Dodge RAM 1500 4 X 4
(2003 - 2008)

PARTS LIST

Item	Part #	Description	QTY
A	511421-38	SumoSprings Black -47	2
B	512099	Mounting Bracket	2
C	512118	2" Spacer	2
D	512296	3/8-16 x 3" FHCS	2

TOOLS REQUIRED

- > Floor Jack
- > Jack Stands
- > Wheel Chocks



DRIVER SIDE (PASSENGER SIDE SIMILAR)

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Product Line: SUMOSPRINGS REAR

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Questions or Concerns?

Scan here:



or visit:
superspringsinternational.com

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 (SSI) 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.** SSI's products are designed to improve vehicle ride quality. Do not load any vehicle beyond the manufacturer's specifications.

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

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

DURING AND/OR AFTER INSTALLATION: Ensure emergency brake cables are not touching the SSI products. 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.

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INSTALLATION

1. Park the vehicle on a hard, level surface and engage the emergency brake. Place chocks in front and behind wheels to prevent rolling. Observe all safety precautions and wear safety glasses.
2. Raise the rear of the vehicle allowing the axle to hang free and rest the frame on the safety jack stands rated for the weight of the vehicle. Removal of the rear wheels is optional.
3. Starting on the driver side, un-bolt and remove the existing factory bump stop from the underside of the frame and set aside. Keep the factory bolts for attaching the SumoSpring.
4. Remove SumoSprings parts from the box. Using the 3/8-16 x 3" FHCS [ITEM D], thread the bolt through the Mounting Bracket [ITEM B] and the 2" Spacer [ITEM C] and attach to the top of the SumoSpring [ITEM A]. Prior to attachment place a drop of Blue Thread Locker on the threaded portion of the 3/8-16 x 3" FHCS and secure tightly.
5. Attach the assembly to the underside of the frame, utilizing the same holes in the underside of the frame from which the factory bump stop was removed, using the same two factory bolts that attached the factory bump stop to the frame.
6. Repeat steps 3 through 5 on the passenger side of the vehicle.
7. If rear wheels were removed you can now reinstall the rear wheels and torque wheel nuts to manufacturers specifications.
8. Jack up vehicle, remove safety jack stands.
9. Remove wheel chocks from the front wheels.
10. Register the warranty for your SuperSprings International part. A warranty card can be found in the box your part came in.

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