

PART NUMBER

TSS-112-47

Trailer SumoSprings®

BEFORE YOU BEGIN

PARTS LIST

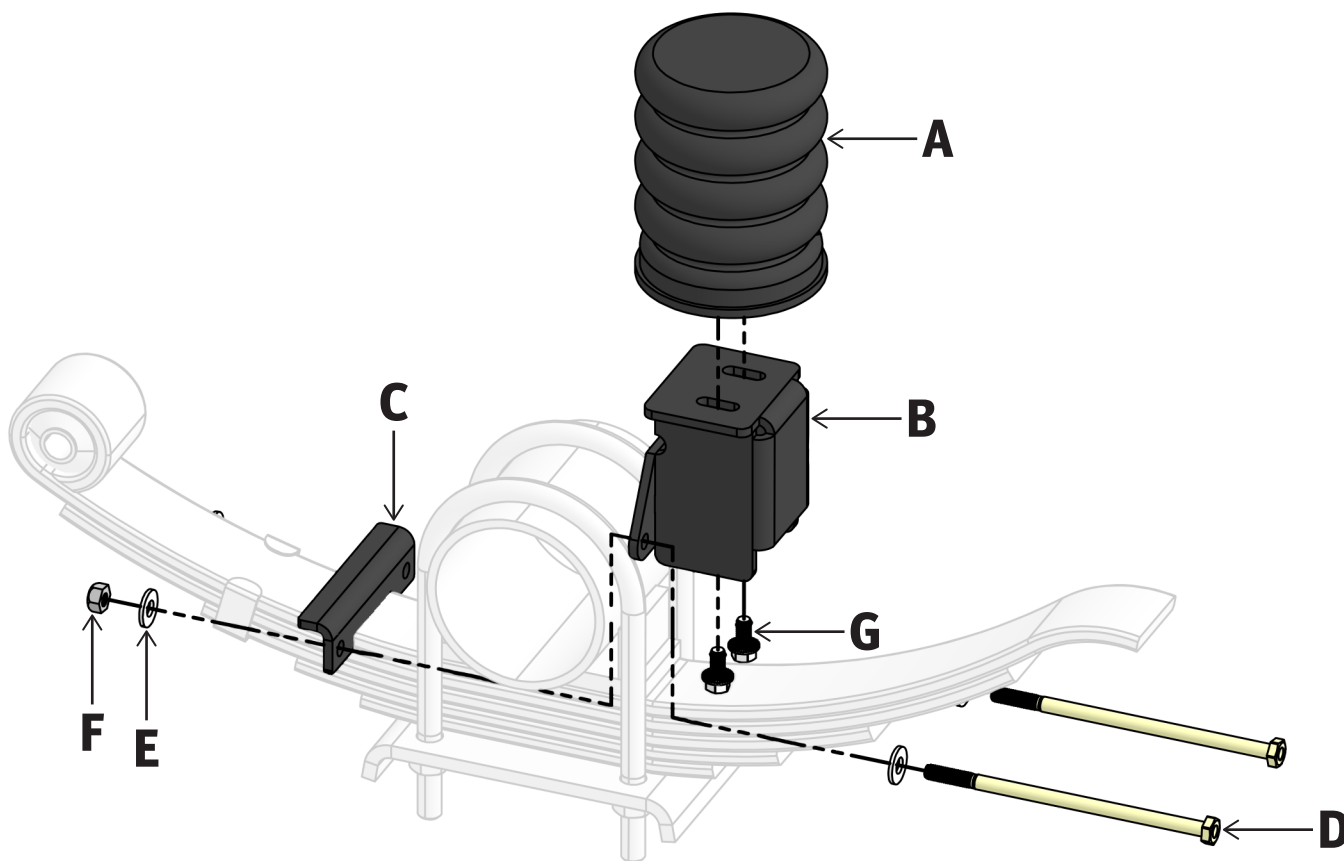
Item	Part #	Description	QTY
A	511484	SumoSprings Black -47	2
B	512395	Mounting Bracket	2
C	512396	Clamp Plate	2
D	512402	M10-1.5 x 230mm Hex Bolt	4
E	512384	M10 Flat Washer	8
F	512369	M10-1.5 Lock Nut	4
G	512207	3/8-16 x 3/4" Flange Bolt	4

PRIMARY APPLICATION

This product is designed to work on most trailers with 2.5-inch-wide springs mounted below the axle. Because of the varying build designs from different trailer manufacturers, there are occasionally some models that this product will not fit.

TOOLS REQUIRED

- › Floor Jack
- › Jack Stands
- › Wheel Chocks
- › 9/16 Wrench/Sockets
- › 17mm Wrench/Sockets



Part Number: TSS-112-47

Product Line: TRAILER SUMOSPRINGS

Page 1

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 Weight Rating (GVWR) located on your vehicle's 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.

REV. 1 | JUL 2026

PART NUMBER

TSS-112-47



INSTALLATION

1. Park the trailer on a hard, level surface, so that the frame is parallel to the ground. Place chocks in front and behind wheels to prevent rolling. Observe all safety precautions and wear safety glasses.
2. Raise the trailer and rest the frame on safety jack stands rated for the weight of the trailer.
3. Referring to the diagram, mount the SumoSpring [ITEM A] to the Mounting Bracket [ITEM B] using two 3/8 Hex Bolts [ITEM G]. Adjust the SumoSpring on the bracket so that it will sit as close to the axle as possible and tighten securely.
4. Place the assembly onto the leaf spring on the side of the axle closest to the shackle or center link connection as seen in the diagram.
5. Place the Clamp Plate [ITEM C] on the opposite side of the axle as shown in the diagram.
6. Attach the Mounting Bracket to the Clamp Plate using the M10 x 230mm Hex Bolts [ITEM D], M10 Flat Washers [ITEM E] and M10 Lock Nuts [ITEM F]. Tighten securely, but be careful not to overtighten these to the point of bending the bracket.
7. Repeat steps 3 through 6 at each wheel.
8. Jack up the trailer and remove the safety jack stands.
9. Carefully lower the trailer to the ground.
10. Remove wheel chocks from the wheels.
11. Register the warranty for your SuperSprings International part at SuperSpringsInternational.com or scan the QR code below.

Part Number: TSS-112-47

Product Line: TRAILER SUMOSPRINGS

Page 2

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 Weight Rating (GVWR) located on your vehicle's 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.

REV. 1 | JUL 2026