

PART NUMBER

K-10-011



INSTALLATION VIDEO: To see a video of these installations, please visit our youtube page - youtube.com/superspringsinternational.
Front - <https://youtu.be/FLLjtWp4uqo> | Rear - <https://youtu.be/J81Qyh4I08c>

BEFORE YOU BEGIN

PRIMARY APPLICATION

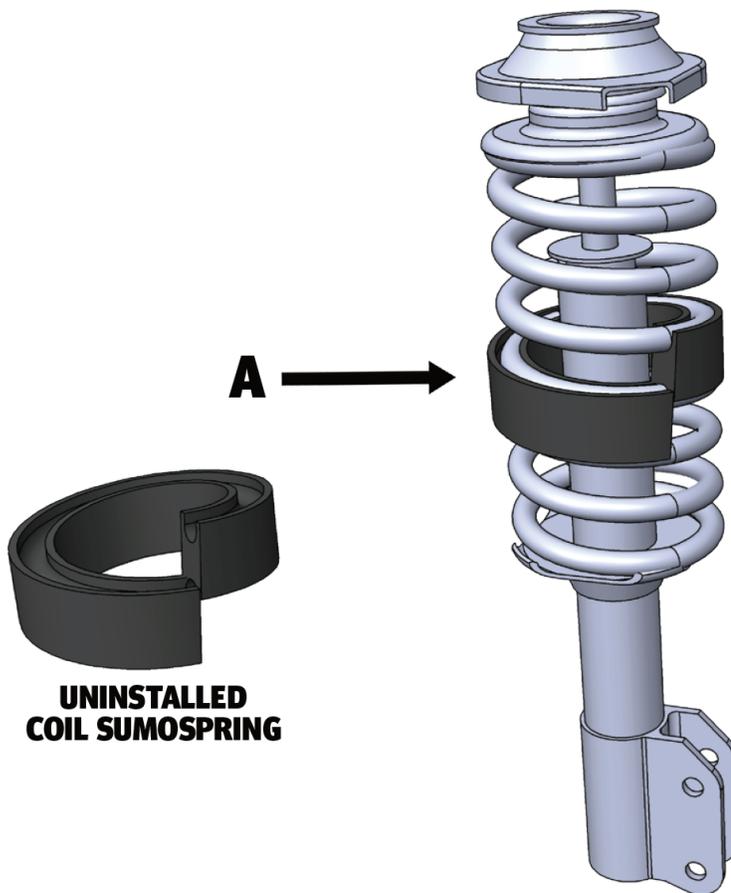
- › Ford Transit 350

TOOLS REQUIRED

- › Floor jack
- › Safety jack stands
- › Ratchet & Sockets
- › Torque Wrench

PARTS LIST

Item	Part #	Description
A	CSS-1069	Coil SumoSprings <i>comes as set of 2</i>
	CSS-1094	
	CSS-1125	
	CSS-1145	
	CSS-1168	
	CSS-1195	
	CSS-1225	



PASSENGER SIDE (DRIVER'S SIDE SIMILAR)

PART NUMBER

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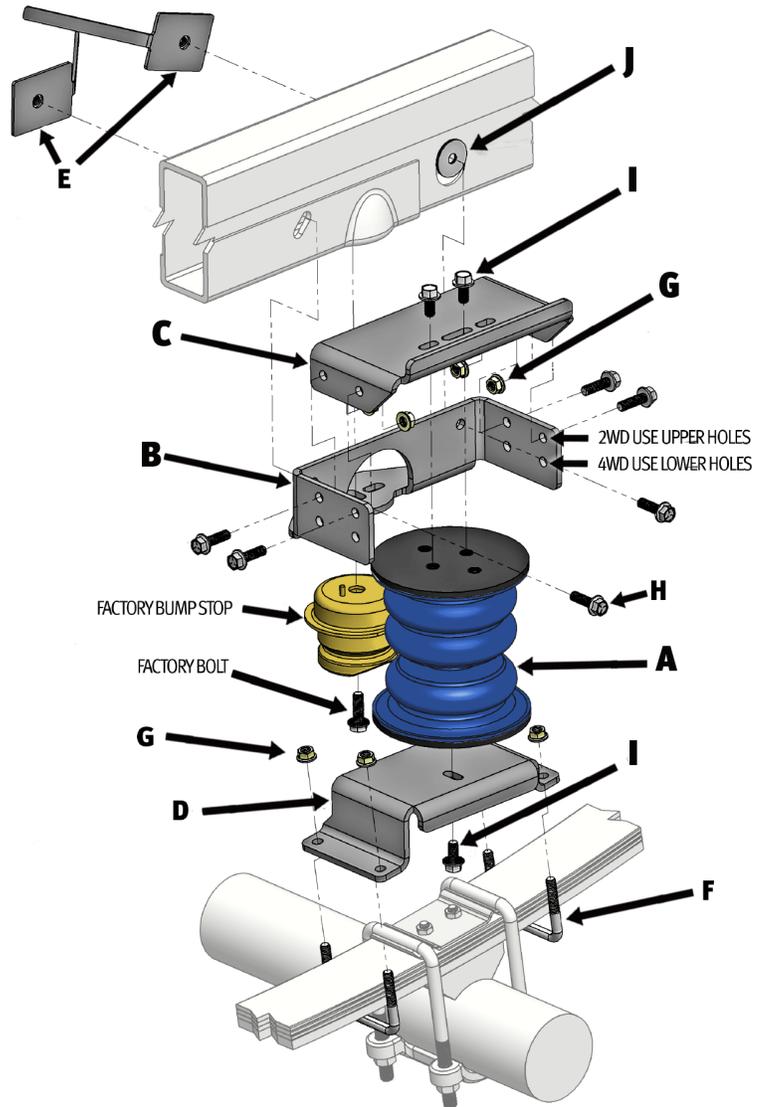


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BEFORE YOU BEGIN

PARTS LIST

Item	Part #	Description	QTY
A	511419	Blue SumoSprings -40	2
B	512164	Upper bracket A (passenger side)	1
B	512163	Upper bracket A (driver side)	1
C	512165	Upper bracket B	2
D	512166	Lower bracket (passenger side)	1
D	512167	Lower bracket (driver side)	1
E	512168	3/8" tag nut	4
F	112183	3/8" u-bolt	4
G	512302	3/8" locking flange nut	16
H	512278	3/8 x 1-1/2" flange bolt	12
I	512207	3/8 x 3/4" flange bolt	6
J	512248	3/8" fender washer	4



PASSENGER SIDE (DRIVER'S SIDE IDENTICAL)

Part Number: K-10-011

Product Line: SUMOSPRINGS FRONT & REAR

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SuperSprings International, Inc.

505 Maple Avenue
Carpinteria, CA 93013

Installation Support

+1 (800) 898-0705
support@supersprings.com

superspringsint.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, 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.

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

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.**

REV. 001 | JULY 2021

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IMPORTANT NOTICE: Your part may have been loosely preassembled to show the final product as it will be once installed on your vehicle. Please disassemble the product before proceeding to the installation.

INSTALLATION

1. Park the vehicle on a hard, level surface and engage the emergency brake. Place blocks in front and behind the wheels to prevent rolling. Observe all safety precautions and wear safety glasses.
 2. Raise the vehicle until the axle hangs free. Rest the frame on safety jack stands rated for the weight of the vehicle. Removal of the wheel is optional.
 3. Using a damp cloth, wipe the coil spring to remove all debris from the center three coils. Apply soapy water to the coil to make installation easier.
 4. The Coil SumoSPring has one deeper coil groove and one shallower. Make sure that the deeper groove is installed on the bottom.
 5. Start the Coil SumoSPring installation between the second and third turns from the top of the coil. Place it around the coil spring like a collar with the ends toward the outside.
 6. Using your hands, slide the bottom of the Coil SumoSPring (deeper groove) onto the coil until it is fully seated. Continue this motion until it is fully seated about a quarter way around the coil spring. Then, using your fingers, push the upper groove until it sits under the coil directly above it. With the palm of your other hand begin to push it into position between the turns of the coil spring.
- [NOTE: Installation shouldn't require any tools. However, if the fit is tight, you may use a dull tool (e.g. flat head screwdriver) to help pop the Coil SumoSPring into place.]
7. Continue this motion until the Coil SumoSPring is fully inserted into the coil spring. Preferably, it should sit on the center turn of the coil.
 8. Repeat steps 3 – 7 on the other side of the vehicle.
 9. Moving to the rear, Take two of the 3/8" tag nuts [ITEM E] and bend the tangs up at about a 45° degree angle. Place them through the oval hole on the inside of the frame rail.
 10. Attach the driver's side upper bracket A [ITEM B] to the bottom of the frame rail using the factory bump stop and bolt, but leave it loose for now.

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INSTALLATION

11. Place two of the 3/8" fender washers [ITEM J] behind the rear hole of the upper bracket.
12. Insert one 3/8 x 1 1/2" flange bolt [ITEM H] through the rear hole of the bracket, the two fender washers, and the large hole in the frame. Thread the bolt into the 3/8" tag nut and fasten until finger-tight.
13. Torque the two mounting bolts and the bump stop bolt to 25ft lbs.
14. Fasten the upper bracket B [ITEM C] to the top half of the SumoSpring [ITEM A] using two 3/8 x 3/4" flange bolts [ITEM I] through the forward two slots in the bracket and fasten until finger-tight.
15. Attach the upper bracket B [ITEM C] to the upper bracket A [ITEM B] using four 3/8 x 1 1/2" flange bolts [ITEM H] and 3/8" locking flange nuts [ITEM G]. Use a torque wrench to tighten the bolts to 25 ft lbs.
NOTE: 2WD trucks use the upper set of holes and 4WD trucks use the lower set of holes.
16. Attach the lower bracket [ITEM D] to the bottom half of the SumoSpring [ITEM A] with one 3/8 x 3/4" flange bolt [ITEM I] and fasten until finger-tight.
17. Place the lower bracket [ITEM D] on top of the factory leaf spring so that it straddles the factory top plate. Attach the bracket to the leaf pack using two u-bolts [ITEM F] and four flange nuts [ITEM G] and fasten them loosely.
18. Repeat steps 9 through 17 on the passenger side of the vehicle.
18. Using the adjustment slots, align the two halves of the SumoSprings so they sit vertically aligned.
18. With the driver's and passenger's sides aligned, tighten the u-bolt nuts securely without tightening to the point of bending the bracket. Torque the rest of the hardware to 25 ftlbs.
19. Jack up the vehicle and remove the safety jack stands. Remove wheel blocks from the front wheels. If the rear wheels were removed you can now reinstall the rear wheels and torque wheel nuts to manufacturers spec.
20. 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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