

PART NUMBER
SSA28



INSTALLATION VIDEO: To see a video of these installations, please visit our youtube page - youtube.com/superspringsinternational.
<https://youtu.be/pAvZBif2SUw>

BEFORE YOU BEGIN

APPLICATION(S)

- › Chevrolet Silverado 1500 2WD & 4WD (2014-present)
- › Ford F-150 2WD & 4WD (2004-present)
- › GMC Sierra 1500 2WD & 4WD (2014-present)
- › Nissan NV1500 2WD (2012-present)
- › Nissan NV2500 2WD (2012-present)
- › Nissan NV3500 2WD (2012-present)

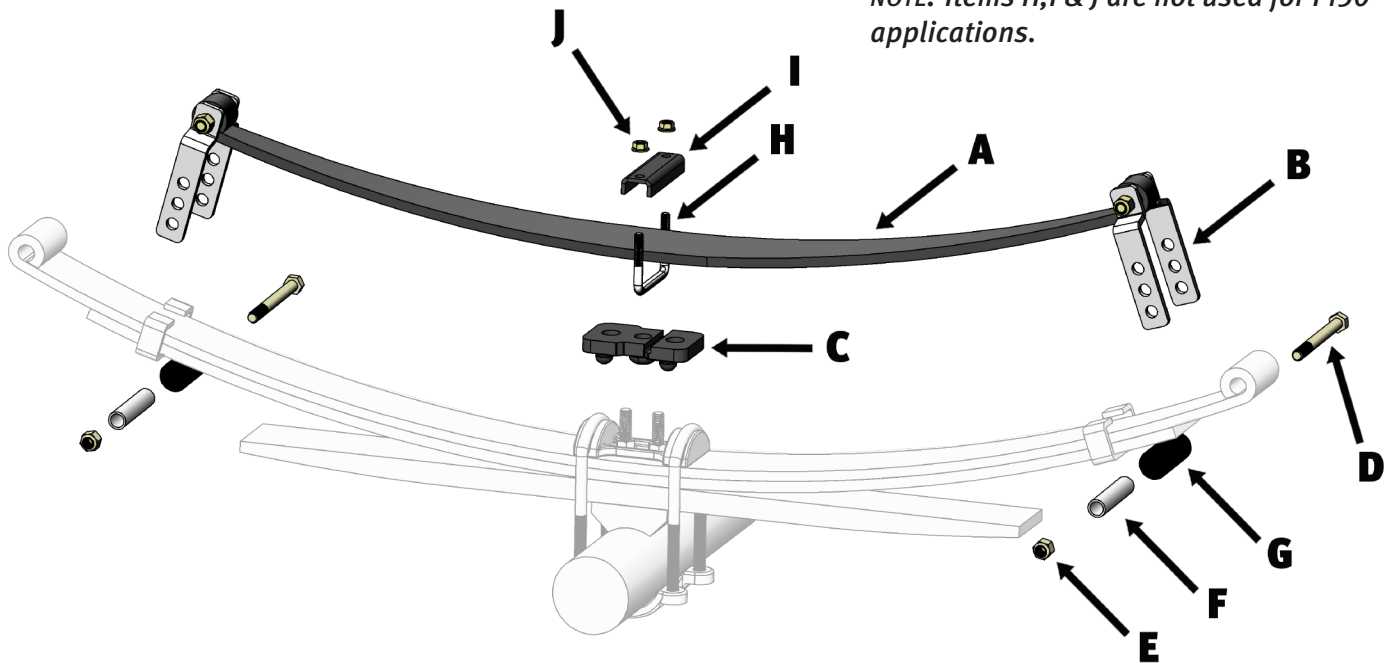
TOOLS REQUIRED

- › Floor jack
- › Safety jack stands
- › 3/4" wrench/sockets
- › 9/16" wrench/sockets
- › 1- C-clamp or SuperSpring Installation Tool
- › Wheel Chocks

PARTS LIST

Item	Part #	Description	QTY
A	SSA28	SuperSpring	2
B	122468	Shackle Assembly	4
C	PSP-19	Polyurethane Spring Pad	2
D	112170	1/2-13 X 4-3/4" Bolt Grade 8	4
E	112126	1/2-13 Nyloc nut Grade 8	4
F	112117	Steel Sleeve	4
G	112189	Poly Roller	4
H	112183	3/8-16 U-bolt	2
I	112185	Cross plate	2
J	512302	3/8-16 Lock nut	4

NOTE: Items H, I & J are not used for F150 applications.



DRIVER'S SIDE (PASSENGER'S SIDE SIMILAR)

Part Number: SSA28

Product Line: SUPERSPRINGS

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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.**

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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 and turn off ignition. Place blocks in front and behind wheels to prevent rolling. Observe all safety precautions and wear safety glasses.
2. Raise the rear of vehicle to allow the axle to hang freely and support the frame using safety jack stands. Removal of the wheel is optional.
3. Place PSP-19 pad [ITEM C] on the spring-plate between the factory u-bolts with smooth side facing up. Where tall center bolts are present, ensure they are seated into the locating holes of the PSP.
4. Position lock down assembly U-bolt [ITEM H] into the groove on the top of the PSP-19.
NOTE: Items H, I & J are not used for F150 applications.
5. Remove the 3/4" bolt, nut, and roller assembly [ITEM D, E, F, G] from the Shackle [ITEM B] and set aside.
6. Place the SSA28 SuperSpring [ITEM A] so it is resting on the PSP-19 above the factory leaf pack. Ensure that the threads of the spring eye bolts are facing outboard away from the frame.
7. Rotate the legs of the front and rear shackles downward so one is on each side of factory leaf pack and position the front shackle just behind the front spring clip.
8. Pull the front shackle down until the center hole of the shackle leg is below the factory spring pack. Place the Steel Sleeve [ITEM F] into the Poly Roller [ITEM G] and position between the shackle legs.
9. Insert the 1/2-13 X 4-3/4" [ITEM D] bolt into the center hole of the inner shackle leg, through the Steel Sleeve, and out the center hole of the outer shackle leg so the threads are pointed outboard, away from the frame. Thread on the 1/2-13 Nyloc Nut [ITEM E] and torque to 35 ft. lbs.
10. Using a heavy-duty clamp or SuperSprings installation tool, compress the rear of the SuperSpring and attach the rear shackle in the same way as the front. The rear shackle should be positioned behind the rear spring clip with 1/2-1" clearance between the roller and the clip. If the plastic tang on the bottom of the factory leaf interferes with the roller, chisel or grind it off flush.
11. Place the U shaped cross plate [ITEM I] over the ends of the center lock down u-bolt with the U shape facing down and fasten in place with the 3/8-16 lock nuts [ITEM J] Torque lock nuts to 25 ft. lbs.
12. Repeat steps 3 – 11 on the other side of the vehicle.

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INSTALLATION

NOTE: The center holes of the shackle are meant to be a starting point for preload. If less preload is desired the lower holes may be used. If more preload is required, the upper holes may be used. Start by adjusting only the front shackle first and then the rear.

13. Raise the vehicle, remove safety jack stands, and carefully lower vehicle to the hard surface. Remove the blocks in front and back of the rear wheels and release the emergency brake.
14. Fully inspect installation and location of the SuperSprings. Ensure there is proper clearance to the frame, brake lines, wiring harnesses, and any other obstructions. On some vehicles, it may be necessary to slightly bend brake cable brackets to ensure proper clearance.
15. Register the warranty for your SuperSprings International part. A warranty card can be found in the box your part came in.



SSA28 installed on a 2018 Ford F150 4x4

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