

PART NUMBER

**K-30-010**



**INSTALLATION VIDEO:** To see a video of this install, please visit our youtube page - [youtube.com/superspringsinternational](https://youtube.com/superspringsinternational).  
Install - <https://youtu.be/FLljtWp4uqo>

**BEFORE YOU BEGIN**

**PRIMARY APPLICATION**

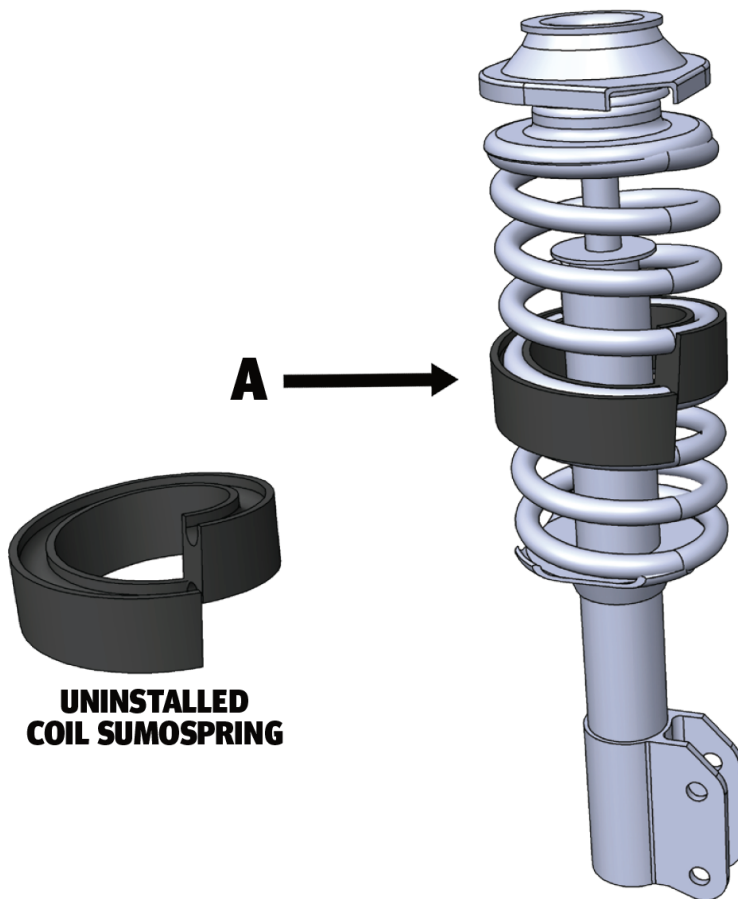
- › Promaster 2500 2x4 (2014-present)

**TOOLS REQUIRED**

- › Floor jack
- › Safety jack stands
- › 17mm Socket
- › Ratchet and extensions

**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	



**UNINSTALLED  
COIL SUMOSPRING**

**PASSENGER SIDE (DRIVER'S SIDE SIMILAR)**

PART NUMBER

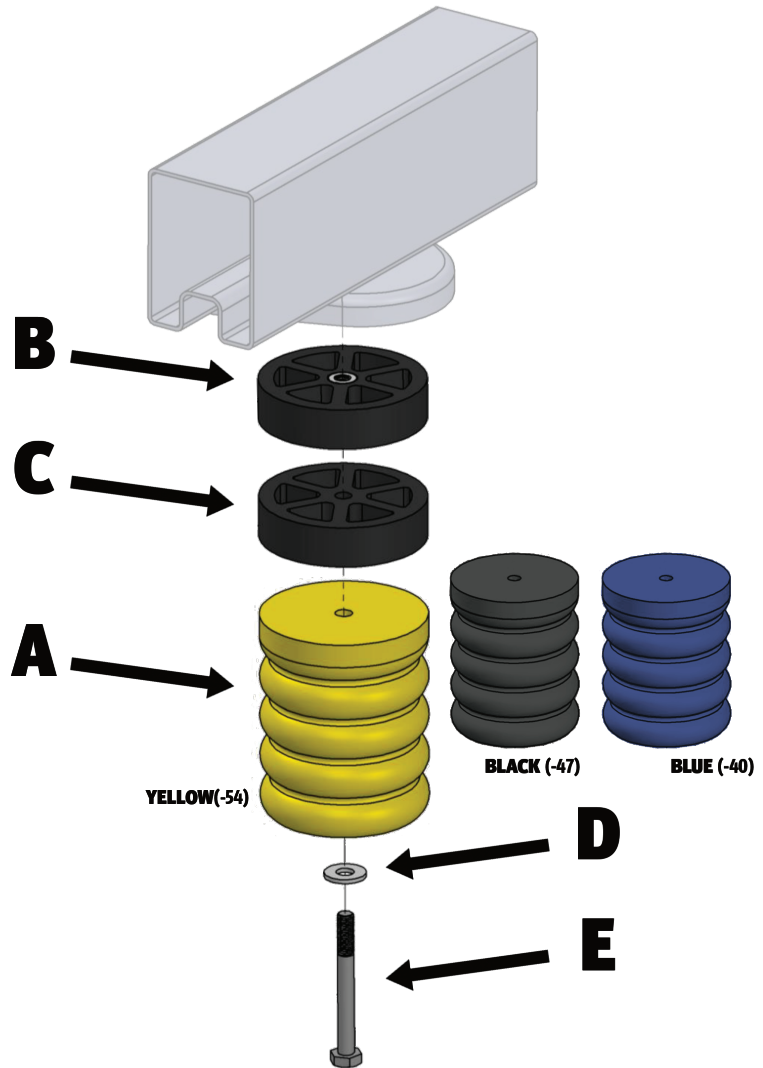
**K-30-010**



**BEFORE YOU BEGIN**

**PARTS LIST**

Item	Part #	Description	QTY
A	511458	SumoSprings Yellow -54	2
	511457	SumoSprings Black -47	
	511456	SumoSprings Blue -40	
B	512135	4"X1" spacer with M10 - 1.25 nut	2
C	512117	4"X1" Spacer	2
D	512227	3/8 Flat Washer	2
E	512315	M10-1.25X60mm bolt	2
	512326	M10-1.25X90mm bolt	



**PASSENGER SIDE (DRIVER'S SIDE IDENTICAL)**

**Part Number: K-30-010**

**Product Line: SUMOSPRINGS FRONT & REAR**

**Page 2**

**SuperSprings International, Inc.**  
505 Maple Avenue  
Carpenteria, 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**

PART NUMBER

**K-30-010**



**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 front of the vehicle until the axle hangs free. Rest the frame on safety jack stands rated for the weight of the vehicle. Removal of the front wheels is optional.
3. Using a 13mm socket and 15mm wrench for the corresponding nut, remove the factory bump stop. Make sure you keep the factory hardware – you’ll need it for the installation of the upper bracket.  
NOTE: On the passenger side, remove the bolt only; the nut is welded inside the frame.
4. Insert two 3/8-16” flanged hex bolts [ITEM F] into the outside holes of the upper bracket [ITEM B] and let it hang freely. Using the factory bump stop bolt and nut, attach the upper bracket [ITEM B] to the bottom of the frame in the same position as the factory bump stop was installed.
5. Bolt upper half of the SumoSpring [ITEM A] to the upper bracket [ITEM B] using the previously installed bolts and tighten securely with a wrench.
6. Attach the lower bracket [ITEM C] to the bottom half of the SumoSpring [ITEM A] in the correct orientation using a single 3/8-16 X 7/8” flat head cap screw [ITEM G]. Please note that the lower bracket must be positioned so that the center hole is offset outward toward the wheel.  
IMPORTANT NOTE: Make sure you place a 5/16 washer [ITEM E] between each of the J-bracket clamps [ITEM D] and the lower bracket [ITEM C]. However, if the lower bracket is not tight to the spring plate after the bolts are tightened, you can remove them to ensure a tighter fit.
7. Using the two 3/8-16 X 1.5” flange hex bolts [ITEM H], two 5/16” washers [ITEM E] and two 3/8” flange nuts [ITEM I], attach two J-bracket clamps [ITEM D] to the lower bracket [ITEM C] making sure to hook them under the shock mount/spring plate.
8. With everything in place, ensure that the top and bottom halves of SumoSpring are visually aligned and tighten the bottom bracket bolts securely.
9. Repeat steps 3 – 8 on the other side of the vehicle.
10. Moving to the rear, unscrew (rotating anti-clockwise) the factory bump stop from the underside of the frame. It may be helpful to use a flathead screwdriver and hammer or spanner wrench to break the bump stop loose, using moderate force applied to the flange at top.

**Part Number: K-30-010**

**► Product Line: SUMOSPRINGS FRONT & REAR**

**Page 3**

**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**

PART NUMBER

**K-30-009**



**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**

11. Depending on your setup and van weight, set up your SumoSprings with the one or two of the spacers in the kit. If you want the springs to engage sooner, use both spacers and the longer bolt.
12. Place the bolt [ITEM E] through the washer [ITEM D], SumoSpring [ITEM A], and spacer(s) [ITEM B & C] and thread it through the pressed-in nut [ITEM B]. DO NOT APPLY LOCTITE HERE. Use a 17mm socket on an extension to tighten the assembly together.  
  
[IMPORTANT NOTE: Make sure the top spacer in either configuration is [ITEM B] so that the pressed-in nut is facing up.]
14. Apply Loctite to the threads of the bolt and screw in the completed assembly to the underside of the frame where you pulled the factory bump stop from. Tighten as much as possible by hand only.
15. Repeat steps 3 - 6 on the other side of the vehicle.
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.