



## PRODUCT: Ram Front Spring Spacer Kit

REV: A | 09-29-2021 | II-8040

**READ INSTRUCTIONS IN FULL BEFORE INSTALLATION.  
QUESTIONS? CALL 916-631-8071 M-F 7:00 AM – 5:00 PM PST**

The MetalCloak experience includes the ease of installation of our products. We design for most contingencies, but installation may be different based on different vehicle condition, configuration and/or year.

We are continually trying to improve our products and instructions – please help us by providing feedback and pictures if you find any part of the instructions that do not match your particular vehicle or are not easily understandable.

If you have any difficulties at all, please give us a call. Thank you and enjoy your MetalCloak Products!

**IMPORTANT NOTE: We use Stainless Steel Hardware where possible. Therefore, a tube of Silver Anti-seize is provided and should be used on all bolts—only a small amount is needed.**

**WARRANTY INFORMATION:** This article is sold without warranty expressed or implied. No warranty or representation is made as to this products ability to protect the user from injury or death. The user assumes that risk. The effectiveness, warranty and longevity of this equipment are directly related to the manner in which it is INSTALLED, USED and/or MAINTAINED. THE USER ASSUMES ALL RISK. By purchasing this product and opening the packaging, purchasers expressly acknowledge, understand and agree that they take, select and purchase these MetalCloak products from Armored Works, LLC, its affiliates and distributors and agents as is and with all faults. The entire risk as to the quality and performance of these MetalCloak products is with the purchaser. Working on your vehicle can be a dangerous activity. If you are unsure of what you are doing, please leave mechanical or safety critical work to a skilled mechanic. We take no responsibility for the incorrect use and/or installation of MetalCloak products.

## Section 1: Tools & Notes on Installation



**Tools Required:** This list is the recommended tools for ease of installation. Other versions of the same tool can be used. For example, Allen Wrenches instead of Allen Drive Sockets.



Socket & Ratchet Wrench

7/32" Allen Wrench



3/8" Drill Bits & Drill

14mm Sockets



9/16" Box Wrenches

**HOW TO USE THIS GUIDE:** The installation guide contains ALL steps for installation. Please read and follow the instructions in order of each page top to bottom, and left to right.

**Jeep Model:** Instructions may apply to multiple truck models, but are labeled separately where appropriate (i.e. TJ vs. LJ).

**Options:** Because of the number of component options we offer, these instructions may contain steps that will not match your particular configuration. You can skip these steps.

**Images:** Pictures are provided and parts are labeled throughout the instructions. Each text box contains guidance based on the pictures next to it. The text will refer to alphabetical labels (A, B, etc.) found in the images.

**Installation Notes:** Terms may be used in the body of the instructions that you may not be familiar with, if you have any questions feel free to contact us at the number below, or email [techhelp@metalcloak.com](mailto:techhelp@metalcloak.com)

**QUESTIONS:** Any questions or comments about the instructions? Call us at 916-631-8071 M-F 7:00 AM – 5:00 PM PST.

## Section 2: Product Components

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SHEET 1 OF 1

ITEM NO.	PART NUMBER	QTY.
1	FS-06002-BZ SBHCSC, 0.38-16 X 1.25L STL G8 BLACK ZINC	4
2	FS-06030 NYLOCK NUT, 0.38-16 X 0.45H STL GF ZINC	4
3	FS-06053 SERRATED FLANGE LOCK NUT, 0.38-16 X 0.34H STL GF ZINC	2
4	SS-2288 SPRING PAD, FRONT SPRING UPPER, RAM 2500 DRIVER	1
5	SS-2289 SPRING PAD, FRONT SPRING UPPER, RAM 2500 PASSENGER	1
6	WM-8050 WELDMENT, SPRING SPACER, RAM 2500 DRIVER	1
7	WM-8051 WELDMENT, SPRING SPACER, RAM 2500 PASSENGER	1

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**DO NOT SCALE DRAWING**

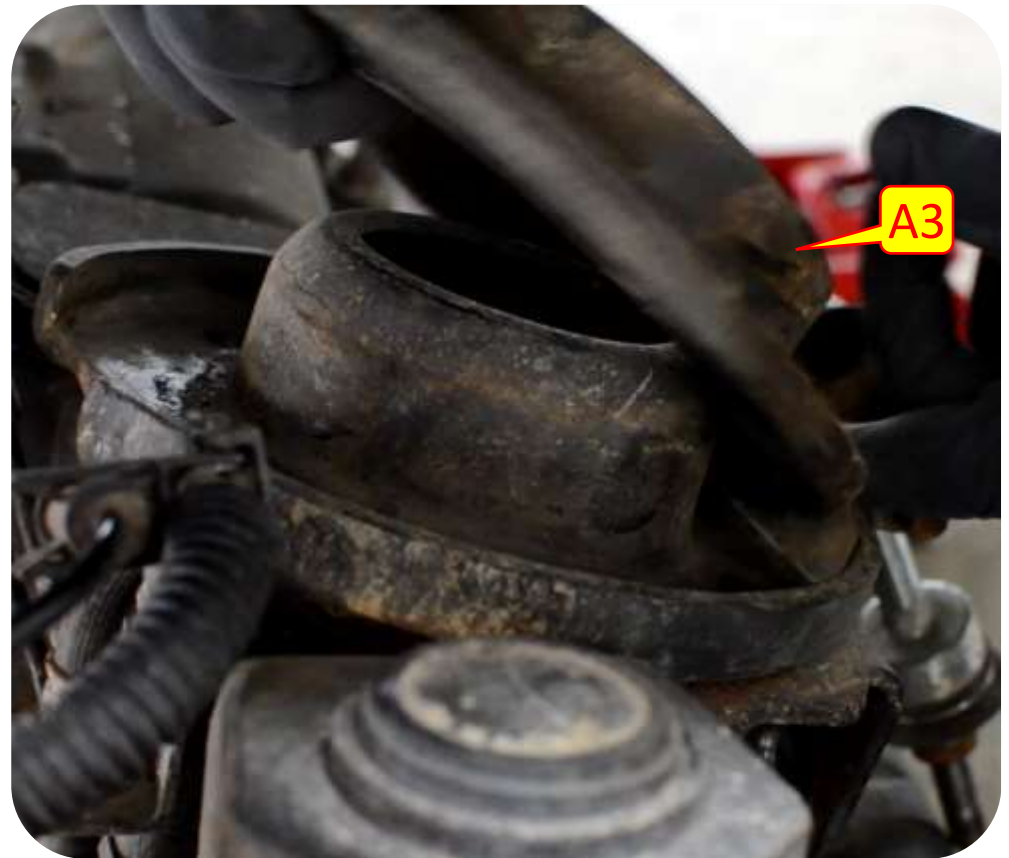
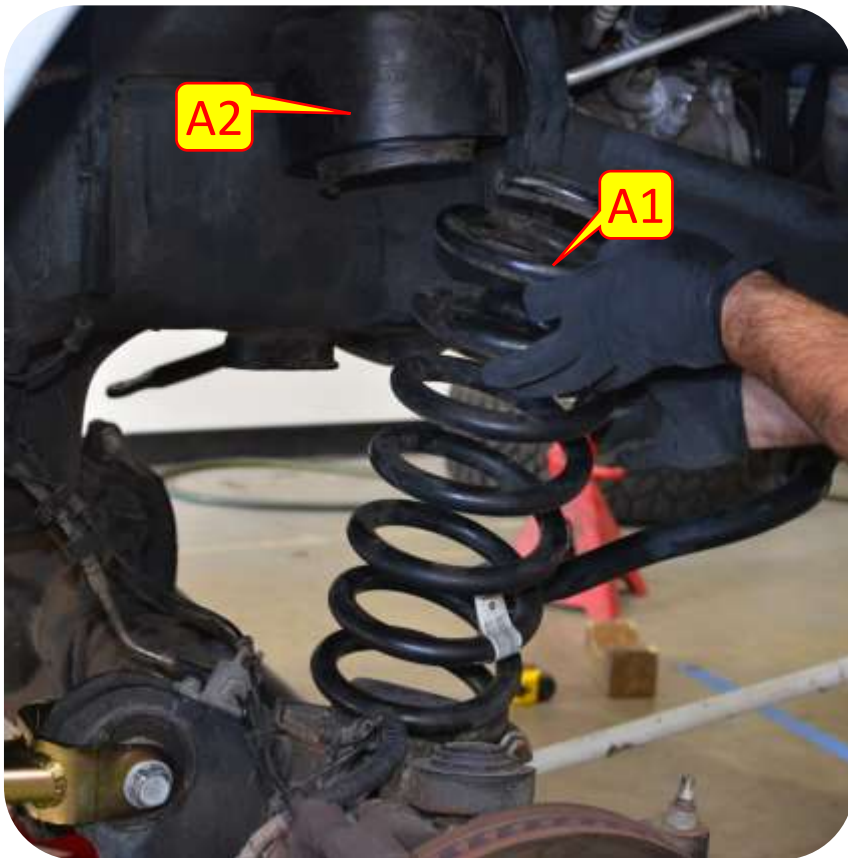
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**PART NUMBER/DESCRIPTION**  
8040 SPRING SPACER, AXLE SIDE FRONT, RAM 2500 FRONT 4TH GEN LATE

## Section 3: Installation Instructions

### Step 1: Disconnect Stock Ram Front Components

- A. Remove the front coils using a coil compressor and the upper and lower spring isolators.





## Section 3: Installation Instructions

### Step 3: Optional Step

**Note:** *If you would like to prevent metal to metal contact of the front coil and coil perch you can trim the stock lower coil pad and place it into the cup on the new coil perch.*

1. Center the coil perch over the coil isolator and with a sharpie mark the interior of the coil perch on the coil isolator.
2. Using snips cut the marked location on the coil isolator and cut off the rubber nub on the bottom the coil isolator.
3. Fit the coil isolator into the coil perch.



## Section 3: Installation Instructions

### Step 3: Install Front Coils

- B. Using a 14mm socket install the provided upper front coil isolator and hardware.
- C. Using a 3/8 drill bit enlarge the lower stock hole located on the lower front coil perch.
- D. Install the provided coil perch and tighten the provided hardware using a 7/32 allen and 9/16 wrench. The provided flag nuts go to the upper hole on the coil perch.
- E. Install the coil with the tightly spaced coils facing upward.

