



PRODUCT: JK 4-Door Pro Rack System

REV: A | 09-27-2021 | R55000

READ INSTRUCTIONS IN FULL BEFORE INSTALLATION.
QUESTIONS? CALL 916-760-4575 M-F 7:00 AM – 5:00 PM PST

The ARS experience includes the ease of installation of our products. We design for most contingencies, but installation may be different based on different Jeep 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 Jeep or are not easily understandable.

If you have any difficulties at all, please give us a call. Thank you and enjoy your ARS 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 way 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 ARS 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 ARS 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 ARS 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

5mm Allen Socket
1/4" Allen Socket
3/8" Allen Socket



T40 Torx Socket

16mm Socket
9/16" Socket



1/2" Wrench



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 Jeep 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 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

QUESTIONS: Any questions or comments about the instructions? Call us at 916-760-4575 M-F 7:00 AM – 5:00 PM PST.

Section 2: Product Components



DC-0001 REV A

SHEET 1 OF 1

ITEM	PART NUMBER/DESCRIPTION	QTY.
1	R55015 PRO FRONT HOOP LIGHT BAR, JK	1
2	R55020 PRO 4DR SPREADER BARS, JK	1
3	R55026 PRO REAR HOOP, JK	1
4	R55030 REAR FRAME MOUNT, JK	1

[KMS REFERENCE NO. 55000]

THE INFORMATION CONTAINED ON THIS DRAWING IS THE EXCLUSIVE PROPERTY OF ARMORED WORKS, LLC. UNAUTHORIZED REPRODUCTION IS PROHIBITED.
DO NOT SCALE DRAWING

Metal Cloak
 A DIVISION OF ARMORED WORKS, LLC

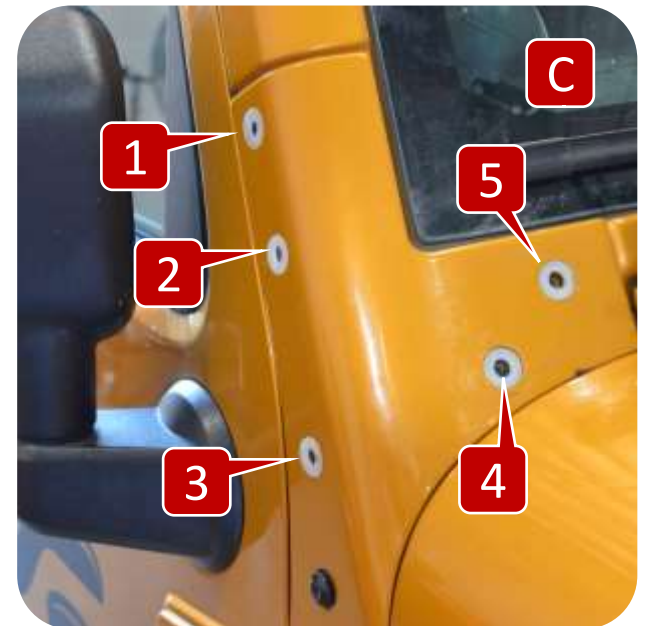
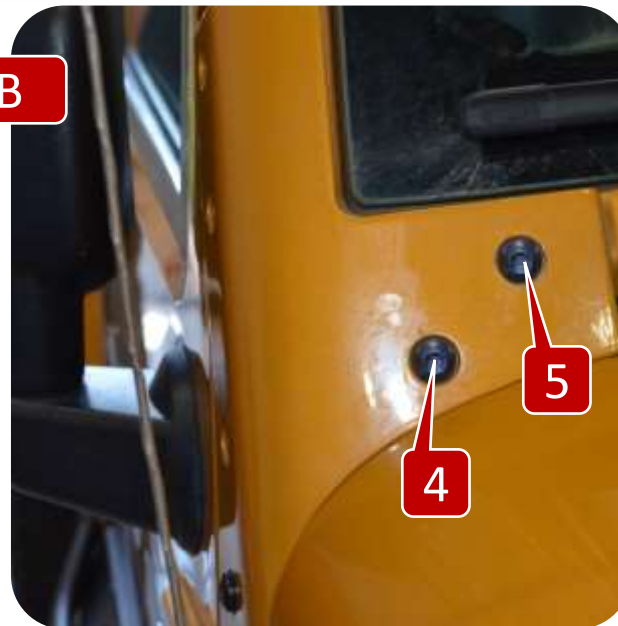
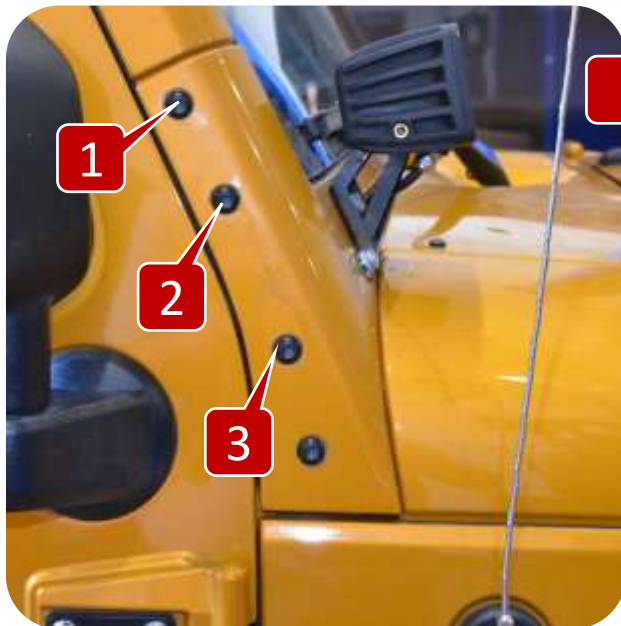
PART NUMBER/DESCRIPTION	R55000 PRO 4DR ASSY KIT, JK
-------------------------	-----------------------------

Section 3: Installation Instructions



Step 1: Preparation For Front Hoop Installation

- A. Insert the tube caps into the bottom of the tube on the front hoop.
- B. Using a T40 torx wrench remove the top three bolts and the front two bolts located on the A-pillars.
- C. Insert the nylon washer into the 5 bolt holes from Step B located on the A-pillar.



Section 3: Installation Instructions

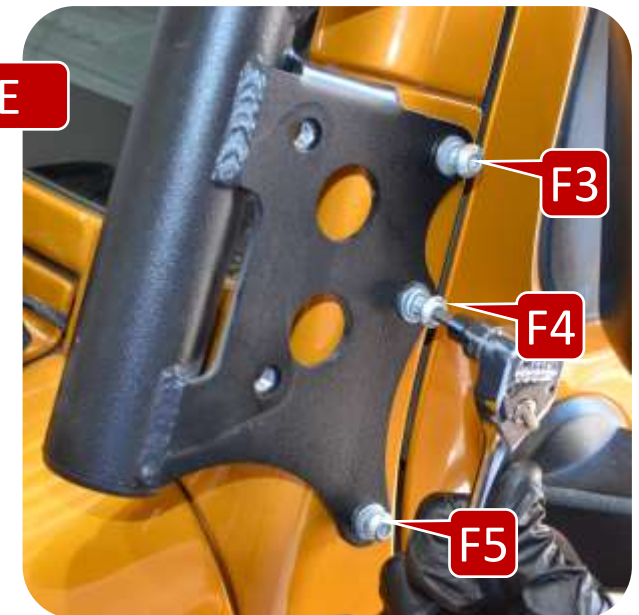
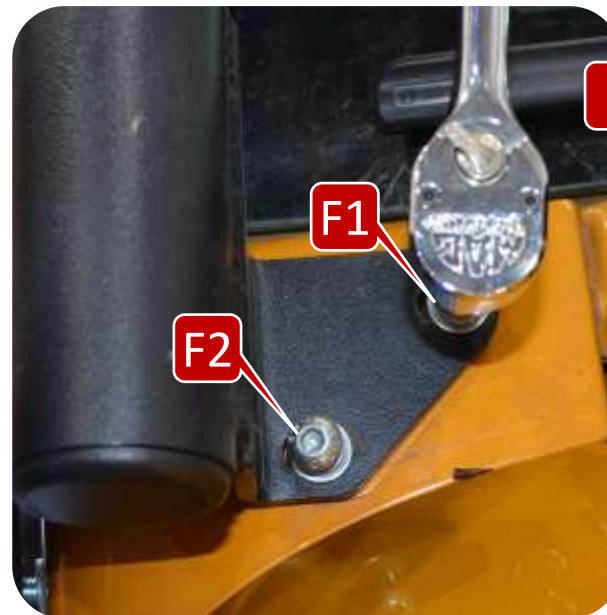


Step 2: Front Hoop Installation

Important Note: MetalCloak highly recommends using blue lock tight on the four allen head bolts when installing the front hoop mounting base.

- D. Align the front hoop bolt holes to the holes located on the A-pillar. MetalCloak recommends having a second person help mount the hoop to the Jeep.
- E. Using the provided flat washers, split washers and button head bolts install the front hoop to the A-pillar hand tight.
- F. Using a 5mm socket wrench tighten all hardware.

Important Note: If issues arise with aligning the front hoop to the A-pillar factory holes, we recommend to snug either the side or the front bolts first, this allows the other holes to line up where previously mis-aligned.

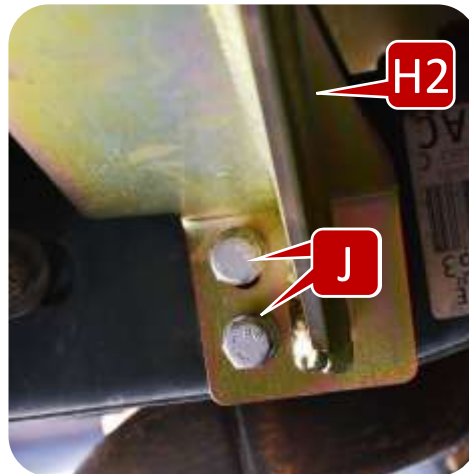


Section 3: Installation Instructions

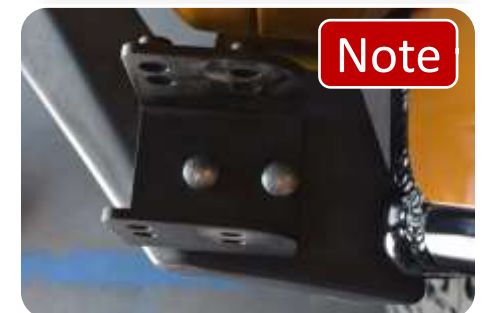


Step 3: Rear Hoop Installation

- G. Remove the frame bolts in preparation for the rear hoop reinforcement bracket using a 16mm socket.
- H. Place the frame mount spacer (H1) on the frame and using the stock bolts install the reinforcement bracket (H2).
- I. Using the provided carriage bolts install the rear hoop bracket to the reinforcement bracket.
- J. Using a 16mm socket tighten the reinforcement bracket frame bolts.
- K. Using a 1/2" wrench tighten the reinforcement bracket carriage bolts.



Important Note: *If you have an aftermarket bumper you can modify the bumper by mounting the rear hoop bracket to the end cap.*



Section 3: Installation Instructions



Step 3: Rear Hoop Installation

- L. Install the bushings into the end of the rear hoop.
- M. Install the bushing sleeve into the rear hoop bushings.
- N. Using a 3/8" allen socket or wrench install the cross bar to the rear hoop billet ends.
- O. Install the bushing ends of the rear hoop into the rear hoop mounting brackets. MetalCloak recommends having a second person help install the rear hoop.
- P. Using a 9/16" socket tighten the rear hoop to the mounting bracket.



Section 3: Installation Instructions



Step 4: Spreader Bars Installation

Note: MetalCloak recommends using anti-seize on the spreader bar bolts.

- Q. Mount the spreader bars to the front and rear hoop making sure the spreader bars are 40" on center.
- R. Using a 1/4" allen wrench tighten the front spreader bar bolts. Torque to 24ftlbs.
- S. Using a 1/4" allen wrench tighten the rear spreader bar bolts. Torque to 24ftlbs.

