

TIME FOR INSTALLATION

1 HOUR



EASY

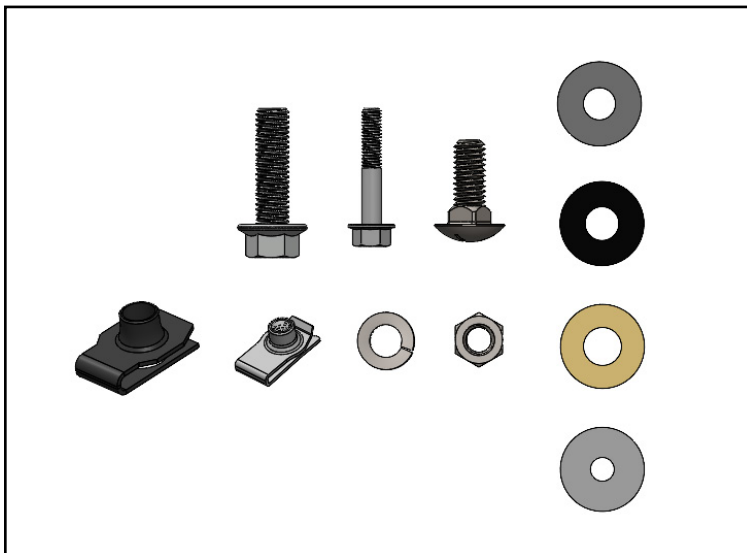


BASIC SKILLS
REQUIRED

23+ Chevrolet Colorado-GMC Canyon Engine Skid Plate Installation Guide

Contact RCI: SALES@RCIOFFROAD.COM
(970) 797-3089

Part number	Description	Qty:
SM-01103	23+ Colorado Engine Skid Plate Primary	1
SM-01104	23+ Colorado Engine Skid Plate Secondary	1
SM-01105	23+ Colorado Primary Engine Skid Bracket	1
HK-00110	KIT: 23+ Colorado Engine Skid Plate Hardware	1
HW-00021	M10-1.5 x 35mm Hex Flange Bolt	8
HW-00026	3/8 USS Flat Washer Thru Hard	12
HW-00202	M6-1.0 x 14.5 Speed Clip – Locking Thread	3
HW-00169	M6-1.0 x 35mm Hex Flange Bolt	3
HW-00052	3/8-16 x 1 Carriage Bolt GR-5	3
HW-00030	3/8-16 FIN Hex Nut GR-5 Zinc	4
HW-00074	1/4 x 1 Fender Washer Zinc	3
HW-00023	M10-1.5 U-Nut	8
HW-00076	3/8 ID x 1 OD x 1/2 Long Nylon Spacer	3
HW-00029	3/8 Split Lock Washer Zinc	4
HW-00113	.375 x 1 x .125 Nylon Spacer	3



Caution: Use hand tools, impact wrenches may cause damage if over torqued.

Read the entire notes and instructions before installation.

Installation Notes

Installation Notes:

RH refers to the passenger side of the vehicle.

LH refers to the driver side of the vehicle.

Always use the proper torque specifications.

If applicable to this installation, torque specifications will be listed throughout the document.

Please read all of these instructions and familiarize yourself with the complete process **BEFORE** you begin.

General Safety:

Park your car in a safe, well lit, level area.

Shut the engine off and remove the key from the ignition switch.

Make sure any remote start devices are properly disabled.

ALWAYS wear safety glasses.

Make sure the parking brake is applied until the vehicle is safely lifted and supported.

Whether lifting a vehicle using an automotive lift or a hydraulic jack, utilize the factory specified lift points.

Lifting a vehicle in an incorrect location can cause damage to the suspension/running gear.

ALWAYS support the vehicle with properly rated jack stands.

ALWAYS read and follow all safety information and warnings for the equipment you are using.

Required Tools:

1/4", 3/8" & 1/2" Socket Sets & Ratchets

Floor Jack

Jack Stands

Combination Wrench Set

Plier Set

Torque Wrenches

Section 1: Removing the Stock Components

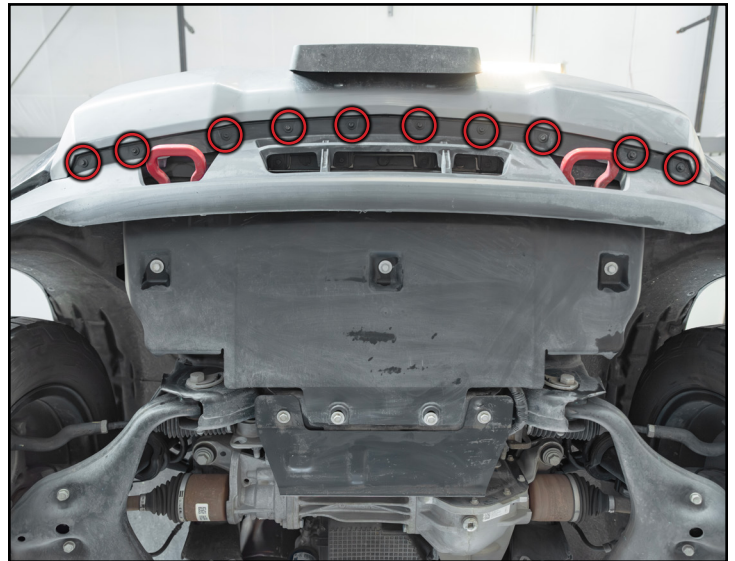
Step #1

Remove and unpack all the components and hardware from their packaging and ensure all required items are present.



Step #2 7mm Socket & Ratchet

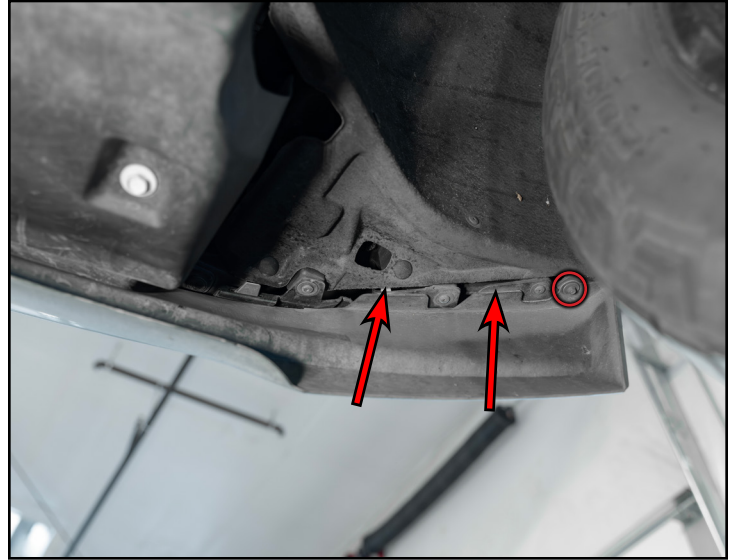
Remove the screws (circled in **RED**) that secure the air dam to the lower front bumper cover.



Section 1: Removing the Stock Components

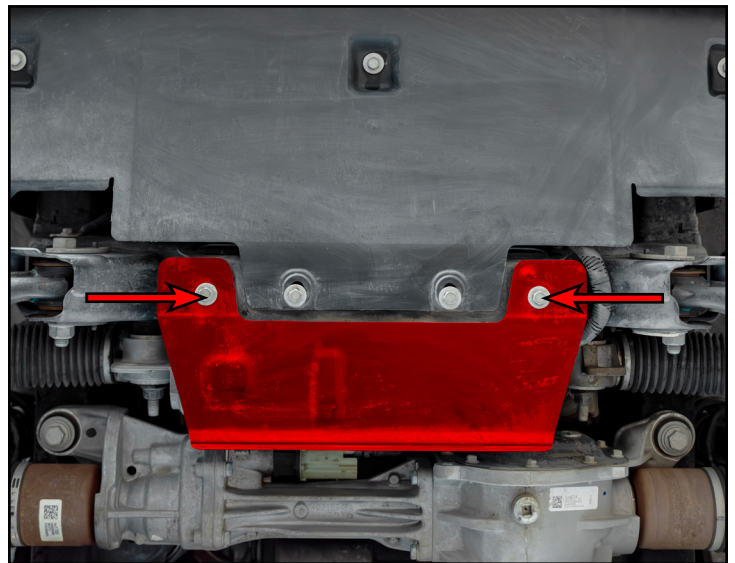
Step #3 | Angled Pick Tool, 7mm Socket, Ratchet

Using an angled pick tool, hook the clips (arrows), then pull them rearward to release them from their mounting locations and remove the screw (circled in **RED**) that secure the air dam to the lower fender liners on both sides.



Step #4 | 13mm Socket & Ratchet

Remove the bolts (arrows) that secure the OEM steel skid plate (highlighted in **RED**) to the underside of the vehicle, then remove the skid plate.

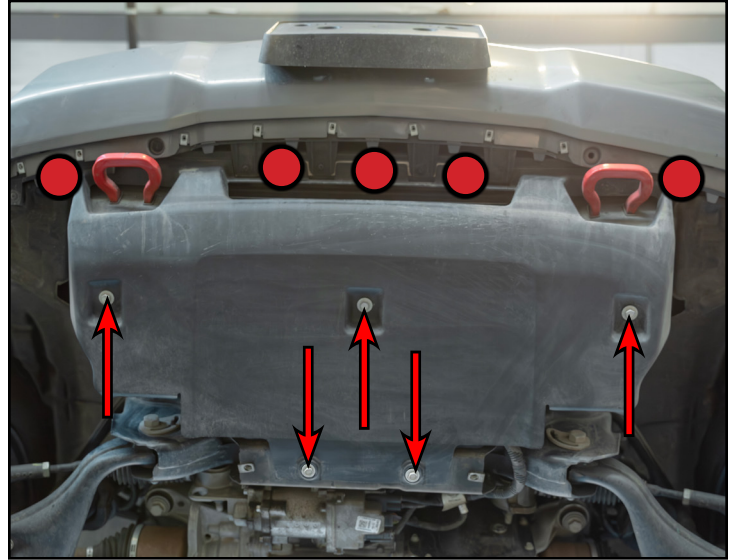


Section 1: Removing the Stock Components

Step #5 | 13mm Socket & Ratchet

Remove the clips (**RED** circles) that secure the plastic splash shield to the lower front bumper cover.

Remove the screws (arrows) that secure the splash shield to the underside of the vehicle.



Step #6

Slide the upper front lip of the splash shield away from the vehicle to free it from its mounting location, then slide it around the tow hooks to remove it from the vehicle.



Section 1: Removing the Stock Components

Step #7 | Angled Pick Tool

Remove the factory speed clip (highlighted in **RED**) from the lower radiator core support.



Step #8 | Angled Pick Tool

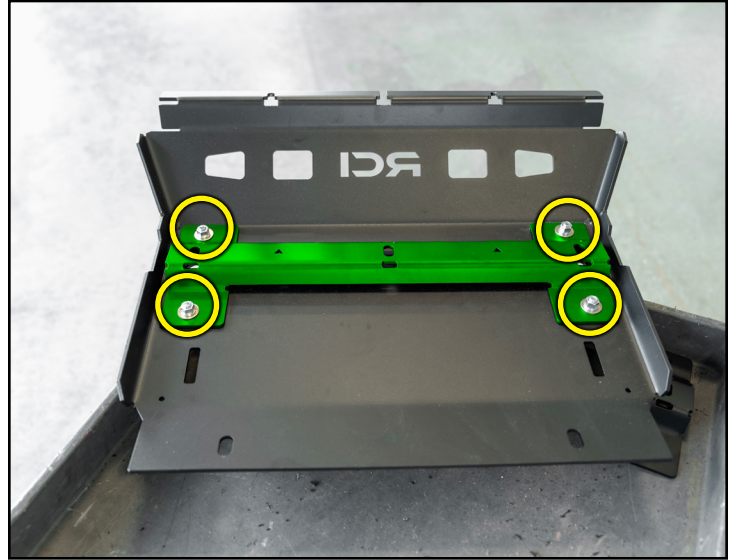
Remove the factory speed clips from the front cross member.



Section 2: Installing the New Engine Skid Plates

Step #1 | 15mm Socket & Ratchet

Install the provided support bracket onto the new primary engine skid plate and secure it in place using the provided M10 hardware (circled in **YELLOW**).



Step #2

Install the provided speed clips (highlighted in **GREEN**) into the lower radiator core support.



Section 2: Installing the New Engine Skid Plates

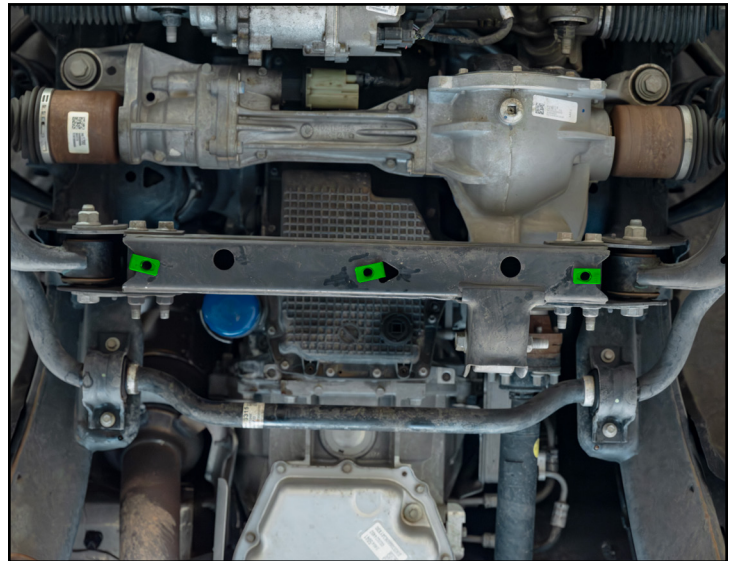
Step #3

Install the provided speed clips (highlighted in **GREEN**) into the mounting locations in the front cross member.



Step #4

Install the provided speed clips (highlighted in **GREEN**) into the mounting locations in the front differential carrier.



Section 2: Installing the New Engine Skid Plates

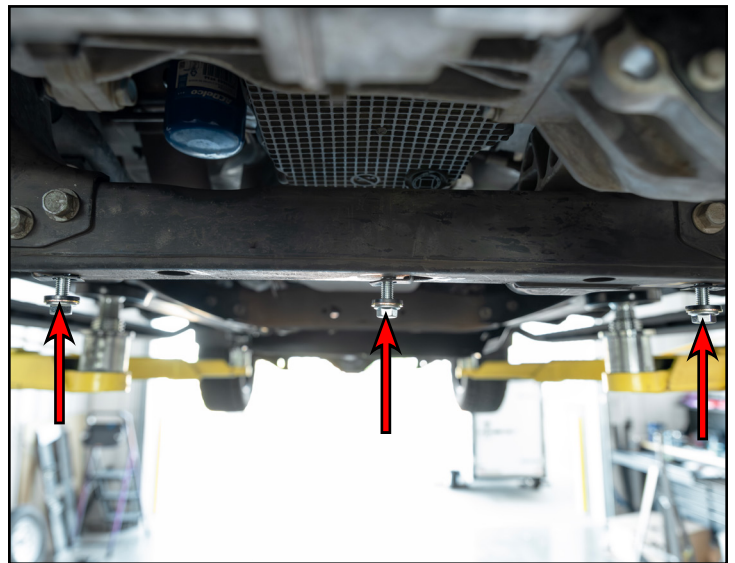
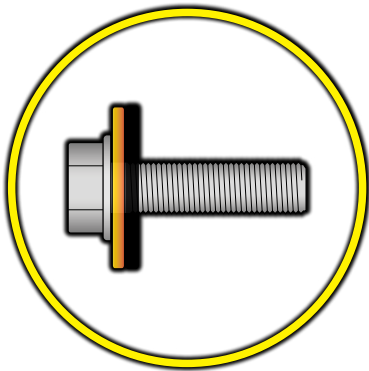
Step #5

Install the speed clips (highlighted in **GREEN**) into the mounting locations in the lower front bumper cover.



Step #6 15mm Socket & Ratchet

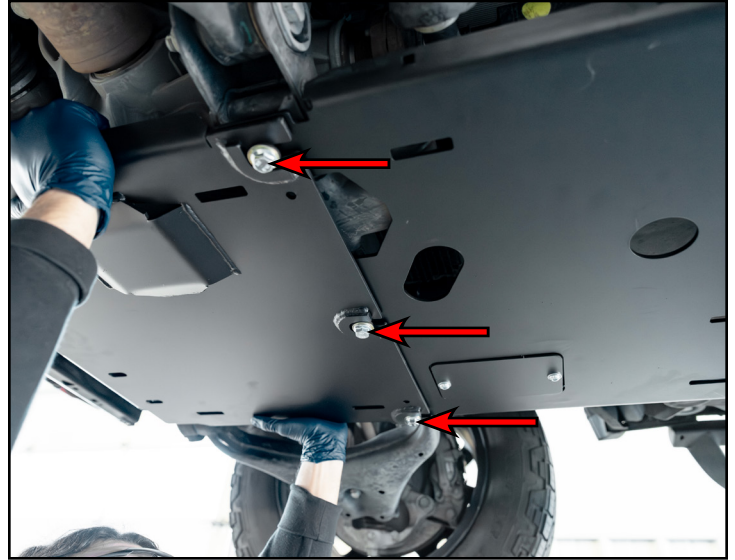
Loosely install the provided M10 bolts (arrows), flat washers, and nylon spacers (as shown in the inset photo) into the speed clips in the front differential carrier.



Section 2: Installing the New Engine Skid Plates

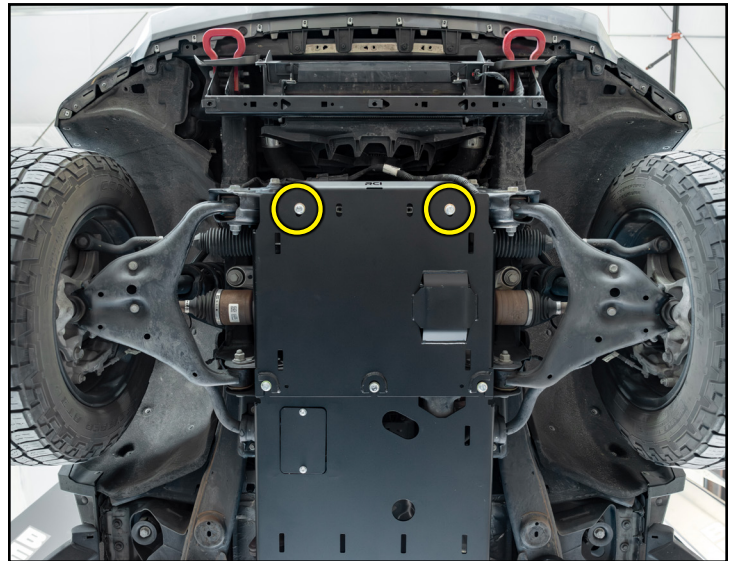
Step #7 15mm Socket & Ratchet

Slide the new secondary skid plate onto the loosely installed hardware (arrows) and support it from underneath.



Step #8 15mm Socket & Ratchet

Loosely install the M10 hardware (circled in **YELLOW**) to secure the secondary engine skid plate in place.



Section 2: Installing the New Engine Skid Plates

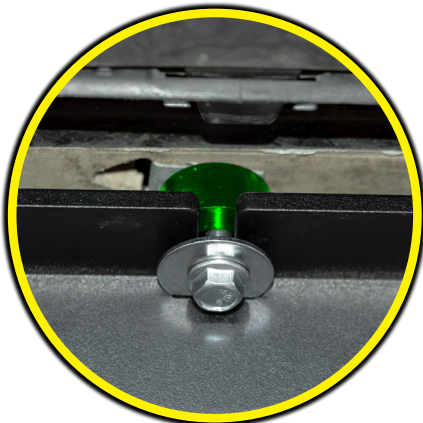
Step #9 | 15mm Socket & Ratchet

Slide the new primary skid plate onto the loosely installed hardware (arrows) and support it from underneath.



Step #10 | 10mm Socket & Ratchet

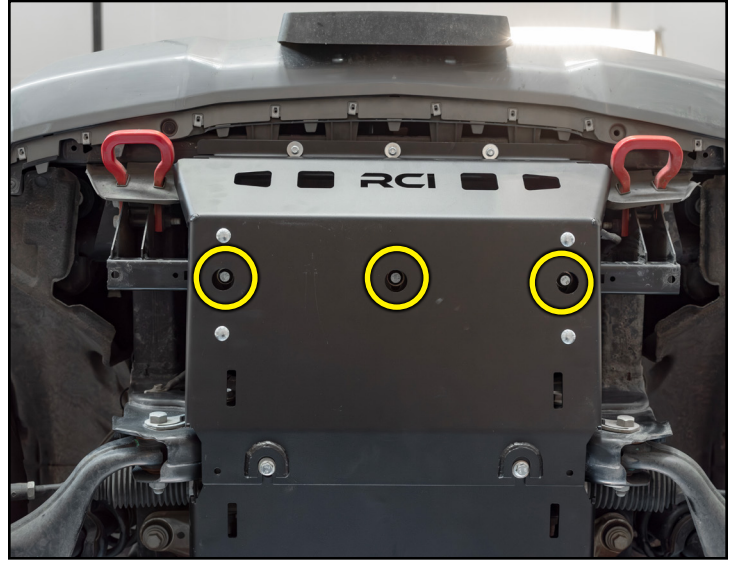
Lift the front of the primary engine skid plate up to the lower front bumper cover mounting location and install the provided M6 bolts (circled in **YELLOW**), flat washers, and nylon spacers (highlighted in **GREEN** in inset photo) as shown to secure the front of the skid plate in place.



Section 2: Installing the New Engine Skid Plates

Step #11 | 15mm Socket & Ratchet

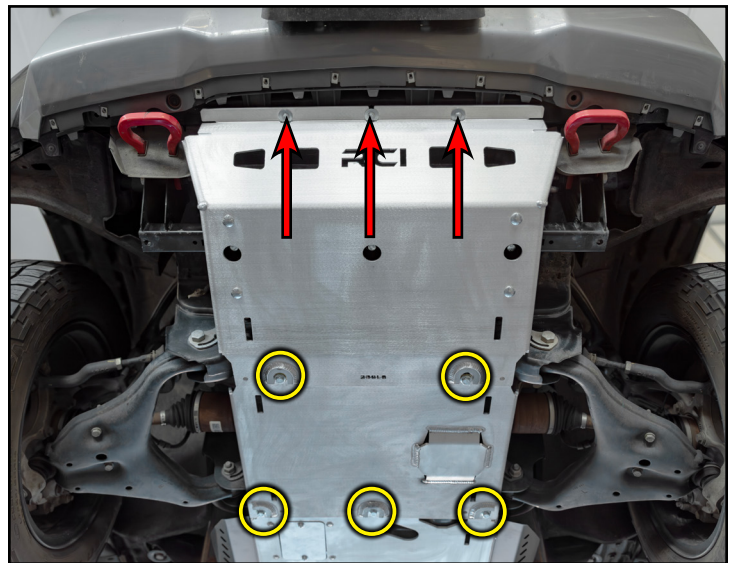
Install the M10 hardware (circled in **YELLOW**) and tighten them fully to secure the primary engine skid plate in place.



Step #12 | 10mm, 15mm Sockets & Ratchet.

Fully tighten all of the M10 (circled in **YELLOW**) & M6 (arrows) hardware until snug.

NOTE: The front factory air dam can be re-installed over the RCI engine skid plate package if desired.

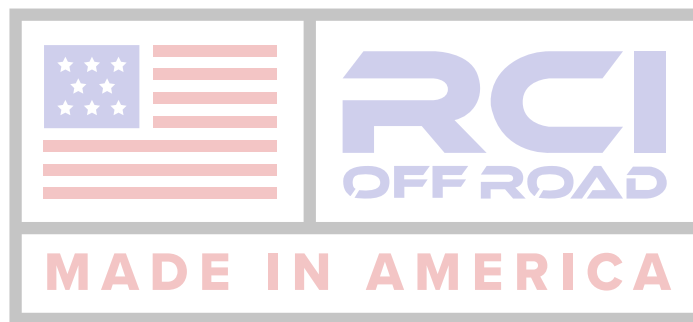


CONGRATULATIONS, YOUR INSTALLATION IS COMPLETE!

ENJOY YOUR NEW RCI PROTECTION!



**Share your new install with us on social media!
We love seeing our products in the wild!**



Follow us on social media:
[instagram.com/rcioffroad/#](https://www.instagram.com/rcioffroad/)
[facebook.com/RCIOffroad](https://www.facebook.com/RCIOffroad)
[youtube.com/@RCIOFFROAD](https://www.youtube.com/@RCIOFFROAD)

Contact:
1.970.797.3089
SALES@RCIOFFROAD.COM
6701 N. FRANKLIN AVE. LOVELAND, CO 80538

These instructions are provided as a courtesy by RCI Offroad

Disclaimer: The products sold by RCI Metalworks are intended for off-road use only, should not be modified, and are for use only on the vehicle(s) specifically stated. RCI Metalworks makes no warranties express or implied, including of fitness for a particular purpose or merchantability. RCI Metalworks will not be liable for any damages arising out of the use or misuse of its products. It is the customers' responsibility to ensure the products are safely and properly attached to the vehicle, and all products should be installed by trained professionals. We strive to maintain extremely high-quality standards; however, all RCI Metalworks products are individually handcrafted, may vary slightly, and may contain minor imperfections. Due to the nature of raw aluminum, the material may have minor scratches and other blemishes caused by the manufacturing process, especially on the back side of product. RCI Metalworks is constantly seeking to improve its products and reserves the right to make changes to any product.