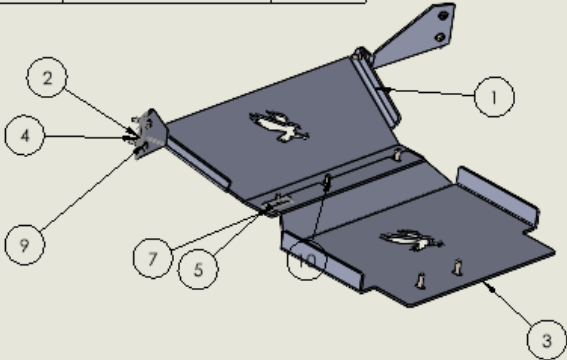
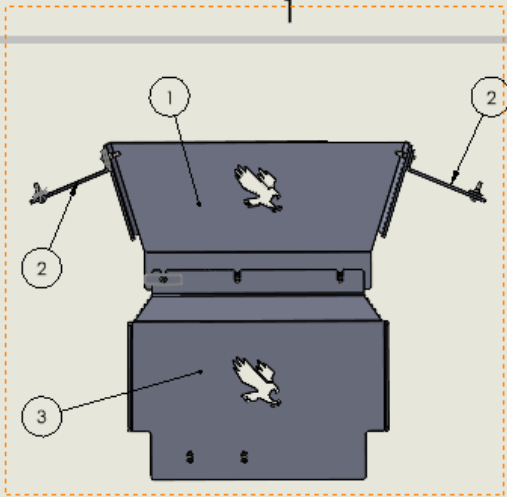


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ITEM NO.	PART NUMBER	QTY.
1	Ram 1500 5G ENG Plate A	1
2	Ram 1500 5G ENG BKT DRV	1
3	Ram 1500 5G ENG Plate B	1
4	Ram 1500 5G ENG Nutplate A	1
5	2023 C2500 4G TM Nut Plate A	1
6	M10 Washer	4
7	M8 Washer	7
8	M8 Rivnut G3.8-7.9 PN130-1543	6
9	M8X1.25X40MM Button Head Bolts	7
10	M10X1.5X50MM Button Head Bolt	4

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TITLE:
2022 Ram 1500 Full Skids

SIZE DWG. NO. REV
A

SCALE: 1:10 WEIGHT: SHEET 2 OF 8

NOTE: Riv nuts are pre-installed and will not be in hardware kit.

Tools Required		
5mm allen head bit	6mm allen head bit.	

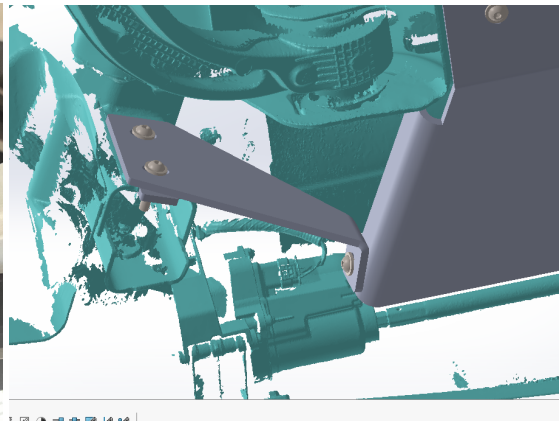
Installation is to be done at your own risk. Talons Garage is not responsible for any damage that occurs during or after installation. Professional installation recommended. Check for all included hardware and parts before starting install.

We know for a lot of users this might be their first mechanical project. Cool, and great choice! A few notes about button head bolts for those who have not used them before. We recommend using a high

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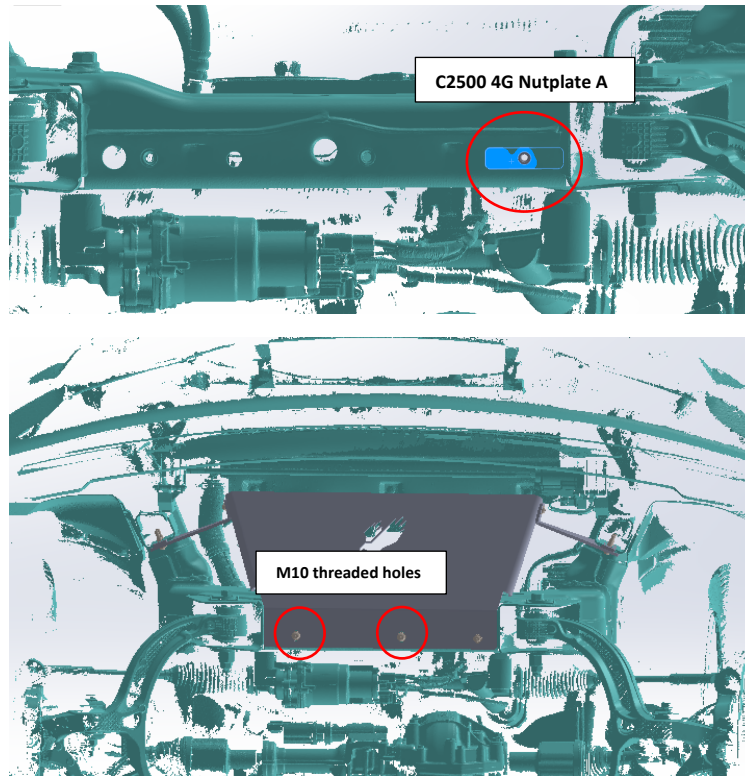
quality Allen head bit for installing our button head bolts. This will dramatically prevent the chances of stripping the heads. We also strongly discourage the use of impact tools. Ensure the allen bit is seated into the bolt fully before applying torque to the fastener. It is normal to have a tight fit. For the most part our M8 bolts are a 5 mm Allen bit, our 3/8 bolts are 7/32 in, and our M10 bolts are 6 mm bits. Use care not to confuse the 7/32 and the 5mm bits as they are close in size.

1. Collect all parts and tools and safely lift truck to gain access to undercarriage.
2. If installed, removed any OEM skid plates, or covers under engine area.



3. Install Ram 1500 5G ENG BRK DVR and Ram 1500 ENG Nutplate B on both sides of the truck. The Nutplate will go inside the vertical tubing and the bracket will go on the outside. Use the included M8x40mm button head bolts and M8 washers to attach the bracket to the nutplate. Leave loose at this time to allow you to line them up with the engine plate A later on.
Note: It is easy to install these backwards. Take care to use proper orientation. If this is not lining up later, chances are it is backwards.

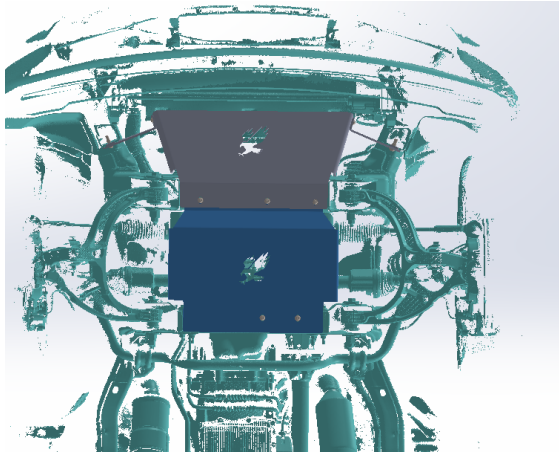
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4. Obtain Ram 1500 5G Plate A. The top of Plate A will mount to the brackets you installed in the previous step using the M8x40mm button head bolts. There are two Riv nuts installed on either side of the plate for the button head bolts to thread into.

The bottom of the plate will thread into the two M10 threaded holes on the forward engine crossmember shown above. Additionally, you will install C2500 4G Nutplate A into the hole on the far left (driver) side. Please note that this nutplate is also a M8 thread and the 10 bolts will not fit into it. Once the nutplate is installed, lift the plate into positions. We find it is easier to start the bolts into the frame and carefully let the plate hang down. Once this is done you can connect the Engine plate brackets on the upper side of plate A. You can snug up the bracket bolts, but leave the lower mounting bolts loose as you will need to slide in plate B.

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5. Grab Ram 1500 5G Plate B. The front of this plate will slide between Ram 1500 5G Plate A and the frame of your truck. The rear of this plate will mount into the 2 M10 pre treaded holes on the rear engine crossmember.
6. If installing Talons Garage Transmission skid plate/Cat Protector plate leave the rear bolts loose to install transmission plate. If not installed with Talons Garage Transmission skid tighten all the bolts up from front to rear.
7. Once all bolts are installed, tighten from front to rear. Enjoy your new protection! Don't forget to take a photo of your new skid plates and upload them to your favorite social media platform and tag us @talonsgarage. We love seeing our plates in the wild.

Thank you for your support,

Shaun and Crystal