

TIME FOR INSTALLATION

30 MIN. - 1 HOUR

RCI

EASY

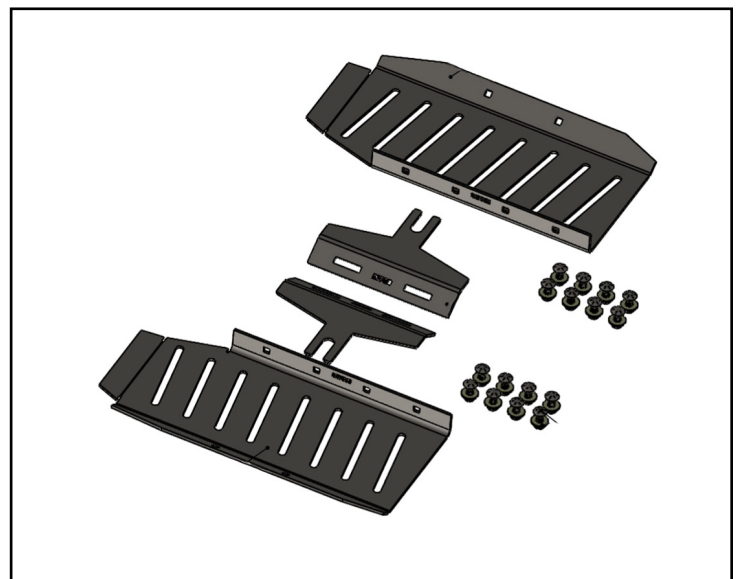
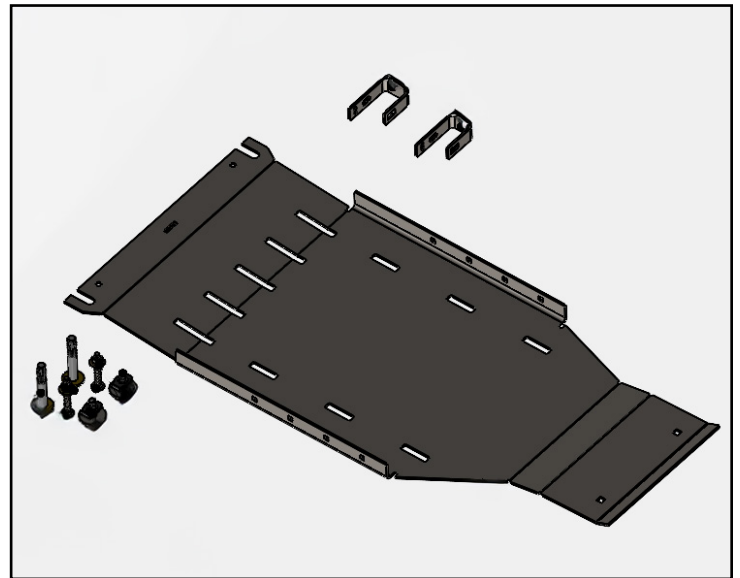


METALWORKS

2020+ Ford Interceptor Transmission Skid Plate Installation Guide

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

| Part Number | Description | Qty: |
|-------------|---|------|
| SM-01171 | 20+ Interceptor Transmission Skid Plate | 1 |
| SM-01172 | 20+ Interceptor Transmission Skid Adapter Driver | 1 |
| SM-01173 | 20+ Interceptor Transmission Skid Adapter Passenger | 1 |
| SM-01174 | 20+ Interceptor Cat Guard Skid Pass | 1 |
| SM-01175 | 20+ Interceptor Cat Guard Skid Driver | 1 |
| SM-01176 | 20+ Interceptor Cat Guard Bracket | 2 |
| HK-00172 | 20+ Interceptor Trans Skid Hardware Kit: | 1 |
| HW-00026 | 3/8 USS Flat Washer Thru Hard | 2 |
| HW-00029 | 3/8 Split Lock Washer Zinc | 2 |
| HW-00030 | 3/8-16 FIN Hex Nut GR-5 Zinc | 2 |
| HW-00033 | 3/8-16 x 3" Carriage Bolt GR-5 | 1 |
| HW-00149 | 3/8-16 x 2-3/4" Carriage Bolt GR-5 | 1 |
| HW-00021 | M10-1.5 x 35mm Hex Flange Bolt | 2 |
| HW-00023 | M10-1.5 U-Nut .90mm | 2 |
| HW-00187 | M10 Bolt Protector | 2 |
| HW-00210 | M14-2.0 x 90mm Hex Bolt | 2 |
| HK-00048 | KIT: Cat Protector Hardware | 2 |
| HW-00061 | 5/16-18 x 1" Carriage Bolt GR-5 | 8 |
| HW-00037 | 5/16 USS Flat Washer Zinc | 8 |
| HW-00062 | 5/16-18 Nylon Insert Lock Nut | 8 |



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

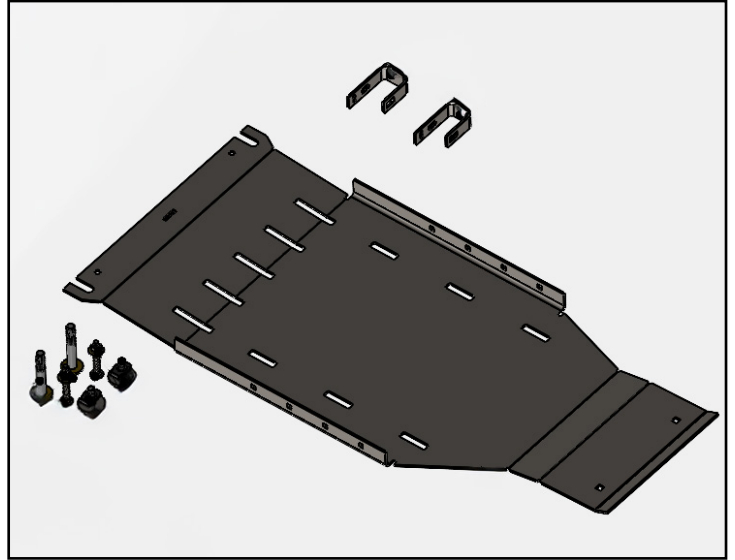
Installation Overview:

Before installation, remove all components and hardware from their packaging and verify that all the components are present.

Section 1: Removing the Stock Components

Step #1

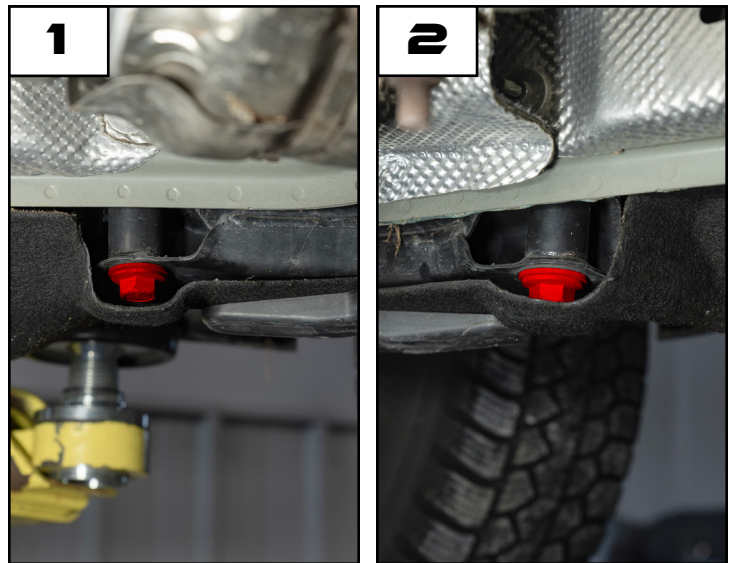
Remove all components and hardware from their packaging, then verify that all the components are present.



Step #2 18mm Socket & Ratchet

Remove the rearmost front subframe bolts (highlighted in **RED**) and discard the bolts.

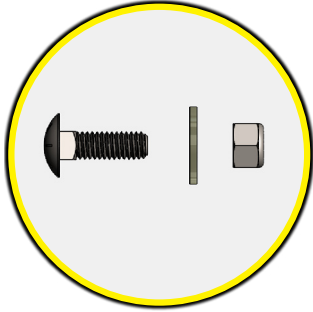
TECH TIP: The OEM bolts (highlighted in **RED**) are one time use stretch bolts, when loosened/removed they need to be discarded and replaced.



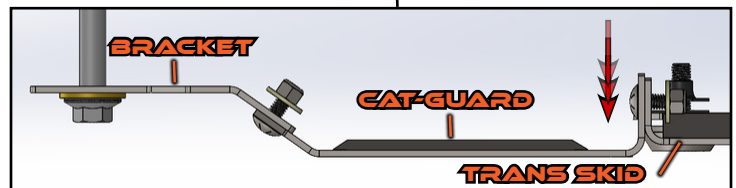
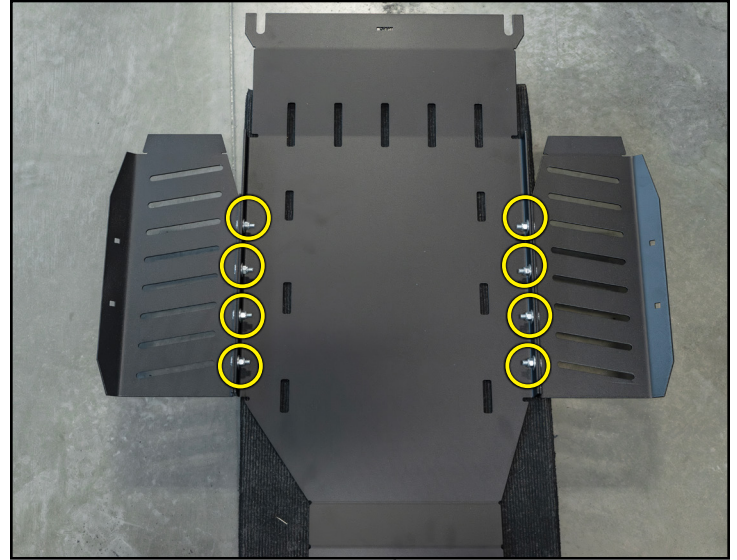
Section 2: Installing the New Skid Plate

Step #1 1/2 Socket & Ratchet

Install the cat guards onto the new transmission skid plate and secure them with the provided 5/16" hardware (circled in **YELLOW** and as shown in inset photo).

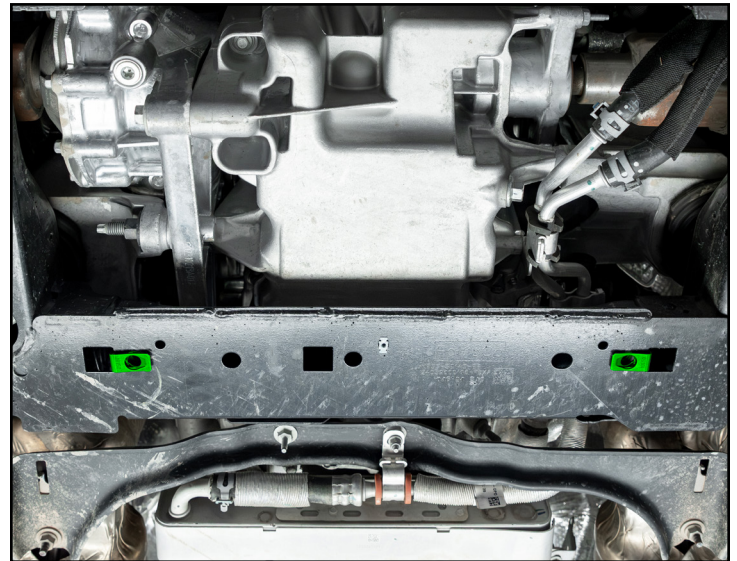


TECH TIP: When installing the catalytic guards onto the new transmission skid plate, align the bottom of the cat-guards with the bottom of the transmission skid plate. Perform a test fit on the vehicle, if adjustments are needed the guards are slotted for optimal clearance.



Step #2

Install the provided speed clips (highlighted in **GREEN**) into the transmission cross member as shown.



Section 2: Installing the New Skid Plate

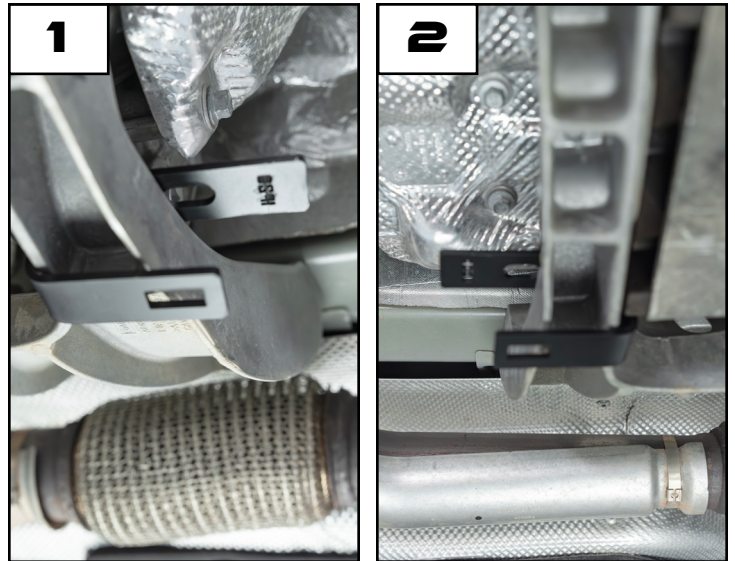
Step #3 15mm Socket & Ratchet

Install the provided M10 bolt with bolt protectors (arrows) into the previously installed speed clips.



Step #4

Install the provided LH bracket (photo #1) and RH bracket (photo #2) onto the transfer case cross member as shown.



Section 2: Installing the New Skid Plate

Step #5 Floor Jack -OR- Jack Stand

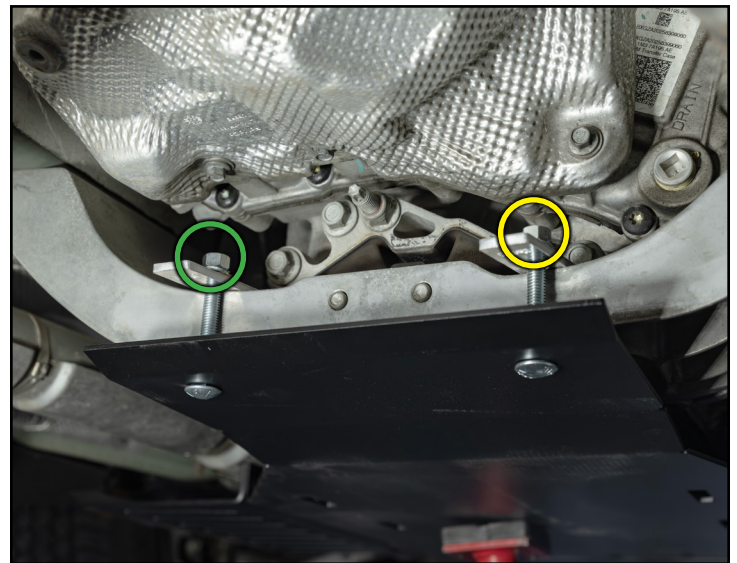
Lift the new transmission skid plate and slide it onto the previously installed bolts and support the skid plate from underneath.



Step #6 9/16" Socket & Ratchet

Install the 3/8 x 2 3/4" carriage bolt through the skid plate and through the RH rear bracket (as shown). Secure the bolt with the provided 3/8" flat washer, split locket washer and nut (circled in **YELLOW**).

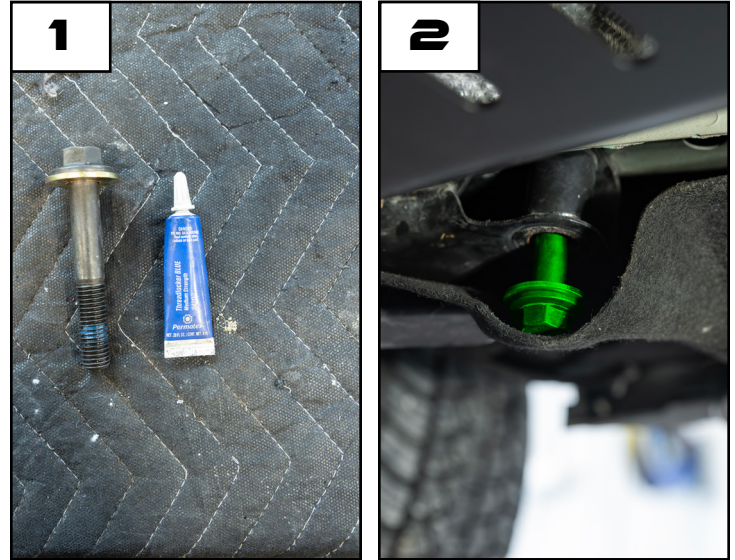
Install the 3/8 x 3" carriage bolt through the skid plate and through the LH rear bracket. Secure the bolt with the provided 3/8" flat washer, split lock washer and nut (circled in **GREEN**).



Section 2: Installing the New Skid Plate

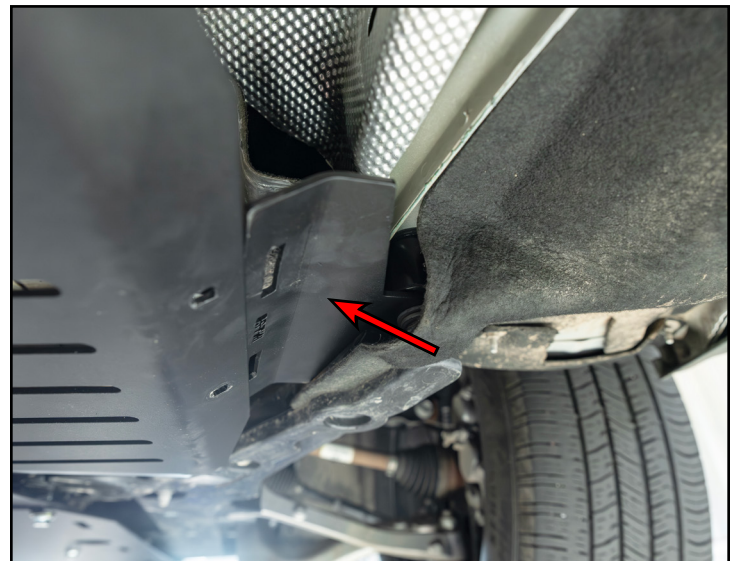
Step #7 18mm Socket & Ratchet

Apply some blue thread-locker onto the provided M14 bolt (photo #1), then loosely install the bolt (highlighted in **GREEN** in photo #2) into the rearmost front subframe bolt locations.



Step #8

Slide the provided bracket (arrow) onto the previously installed M14 bolt and ensure that the bracket aligns with the carriage bolt slots on the top side of the skid plate. Repeat for the opposite side.



Section 2: Installing the New Skid Plate

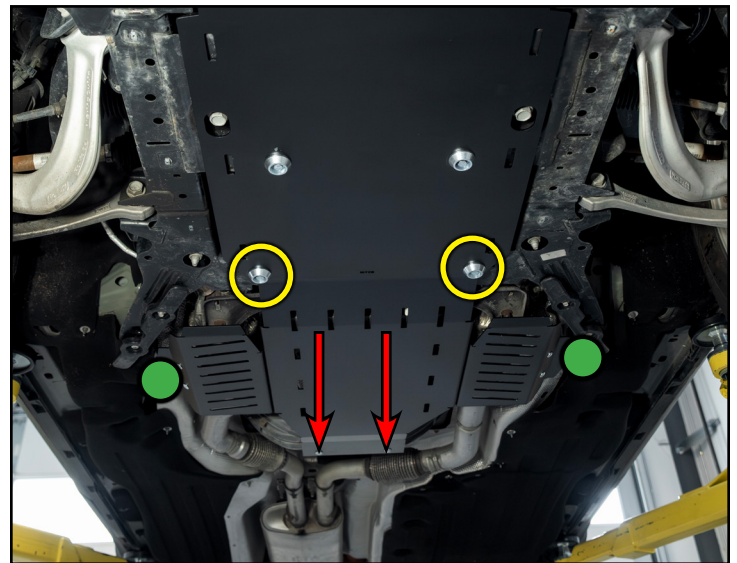
Step #9 1/2 Socket & Ratchet

With the carriage bolt slots aligned, secure the bracket to the skid plate with the provided 5/16" hardware (arrows). Repeat for the opposite side.



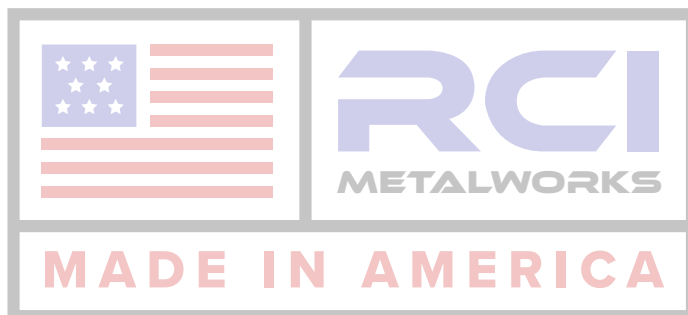
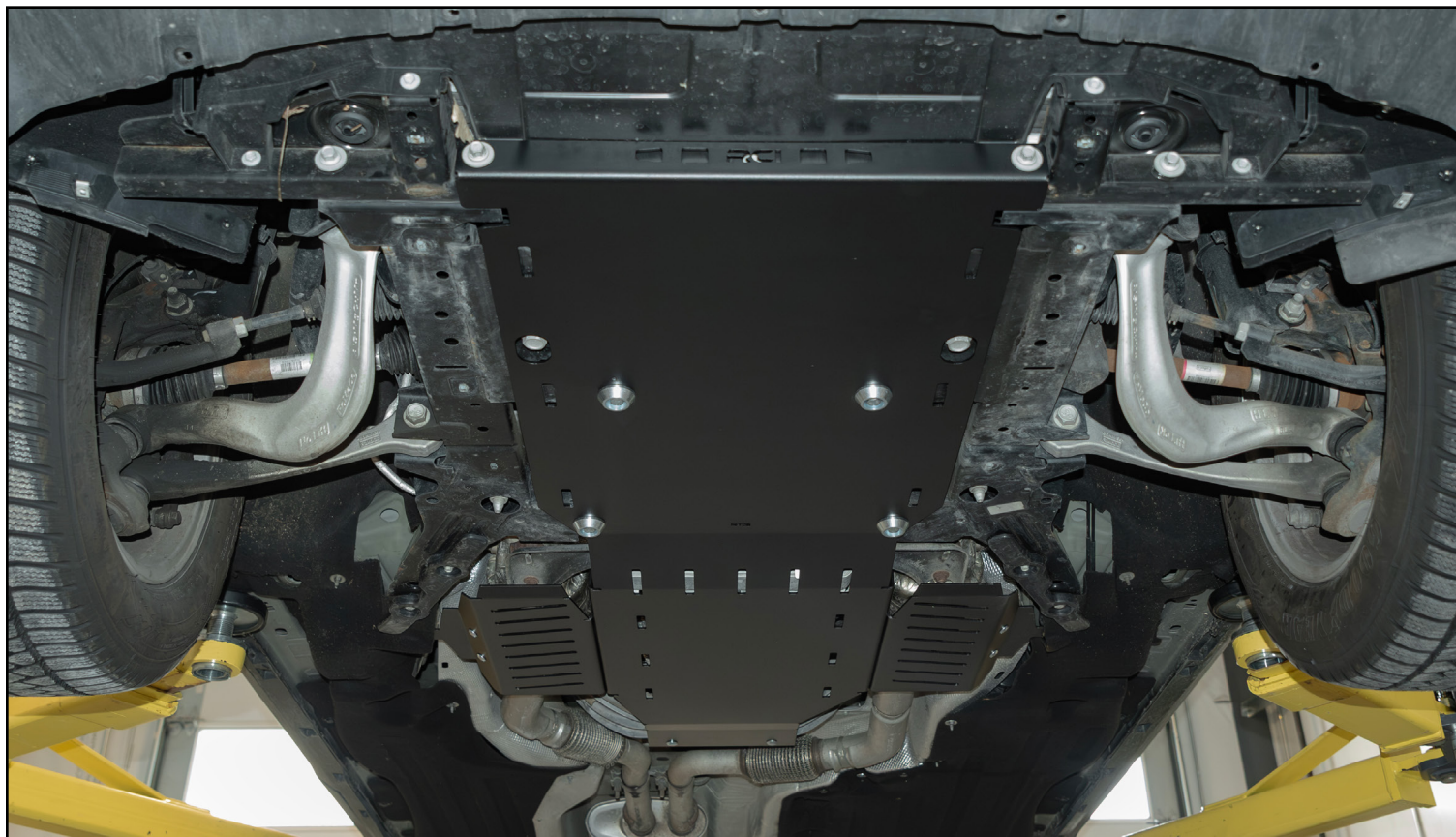
Step #10 9/16", 15mm, 18mm Sockets & Torque Wrench

Make any final adjustments for desired fitment, then fully tighten the M10 hardware (circled in **YELLOW**), 3/8" hardware (arrows) and torque the provided M14 bolts (**GREEN** circles) to 52 Ft-lbs (70 Nm) + 90°.→



CONGRATULATIONS, YOUR INSTALLATION IS COMPLETE!

ENJOY YOUR NEW RCI PROTECTION!



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