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## **U.H.M.W. Skid Plate / Under Armor Package**

*Ultra. High. Molecular. Weight. polyethylene all terrain skid plate / under armor kit for UTV's*

### **Installation Guide**

# ***Can-Am Maverick X3 MAX***

***(2017 - 2020+) X3 MAX 64" and 72" models***



# Can-Am Maverick X3 MAX (2017) Installation guide

#1

## Stock Skid Plate Removal and Extension Brackets :

Remove Stock Skid Plate. Carefully Drill Out Rivets In ALL ( A ) Locations.

Install 2x Extension Brackets: using ( A ) bolts with out washers. Ensure J-clips are facing inwards, pointing toward the rear of the vehicle.

See: \*Drilling instructions\* at bottom of page, prior to drilling. (You will need to back these bolts out and reinstall with counter sunk washers individually after skid is installed)

#2<sub>a</sub>

## Main Skid Plate:

Install: (26x)  $\frac{1}{4}$ "-20 x  $\frac{3}{4}$ " Self Tapping Bolts on Main Skid 2a in : ( A & A\* ) locations, Loosely mount bolts first, to aid positioning of skid on chassis frame before tightening securely for ( A ) locations, back out bolts and reinstall them individually with counter sunk washers, to help in keeping extension brackets in place

#2<sub>b</sub>

## Mid Skid Plate:

Install: (20x)  $\frac{1}{4}$ "-20 x  $\frac{3}{4}$ " Self Tapping Bolts on Mid Skid in : ( A & A\* ) locations, for ( B\* ) locations, once skid is securely in place, (See: \*Drilling instructions\* below)  
Mark, drill and Install: (2x)  $\frac{1}{4}$ "-20 x  $\frac{3}{4}$ " Self Tapping Bolts in Mid Skid : ( B\* ) locations.  
Install: (4x) M6- 1.0 x 20mm Flange Bolts on Mid Skid in : ( C ) locations.

\*RS

## \*If Installing Rock Sliders \*RS :

Install: Rock Sliders in-between Skid plate and chassis frame, along edge of UTV

Use: (20x) "RS"  $\frac{1}{4}$ "-20 x  $1\frac{1}{4}$ " Self Tapping Bolts in all Main Skid: ( A\* & B\* ) locations, (in lieu of 20x ( A ) bolts)



#3

## Rear Skid Plate :

\*Align edge with Main Skid. Install: (13x)  $\frac{1}{4}$ "-20 x  $\frac{3}{4}$ " Self Tapping Bolts in Rear skid: ( A ) locations. Loosely mount bolts first, to aid positioning of skid and alignment before tightening bolts securely.  
If installing X-Brace: Place in-between rear skid plate and chassis frame during installation.

#4

## Front Diff. Skid Plate :

Install: (6x)  $\frac{1}{4}$ "-20 x  $\frac{3}{4}$ " Self Tapping Bolts in Diff. Skid : ( A ) locations.  
\* Align edge with Main Skid. (See: \*Drilling instructions\* below)  
Mark, drill and Install: (2x)  $\frac{1}{4}$ "-20 x  $\frac{3}{4}$ " Self Tapping Bolts in Diff. Skid : ( B\* ) locations.



## \*Drilling Instructions : \*

Use a : #No7 (  $\frac{13}{64}$ " ) drill bit.


( one size above the commonly available  $\frac{3}{16}$ " bit ) Recommend the use of :  $\frac{1}{4}$ "- 20 Tap \*( Optional )

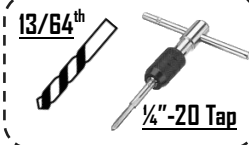
To drill and thread self tapping bolts in to chassis frame.

Finger Thread All Bolts Prior To Fastening Securely With Power Tools.

We strongly recommend the use of a "Thread Locking Compound" when installing any mounting hardware.

( When installation is complete , ensure all bolts are fastened securely.)

 -If mounting holes become striped out and/or bolts do not hold securely, you may need to utilize a larger diameter self Tapping bolt, or consider the use of nut certs with replacement bolts, and/or hardware.

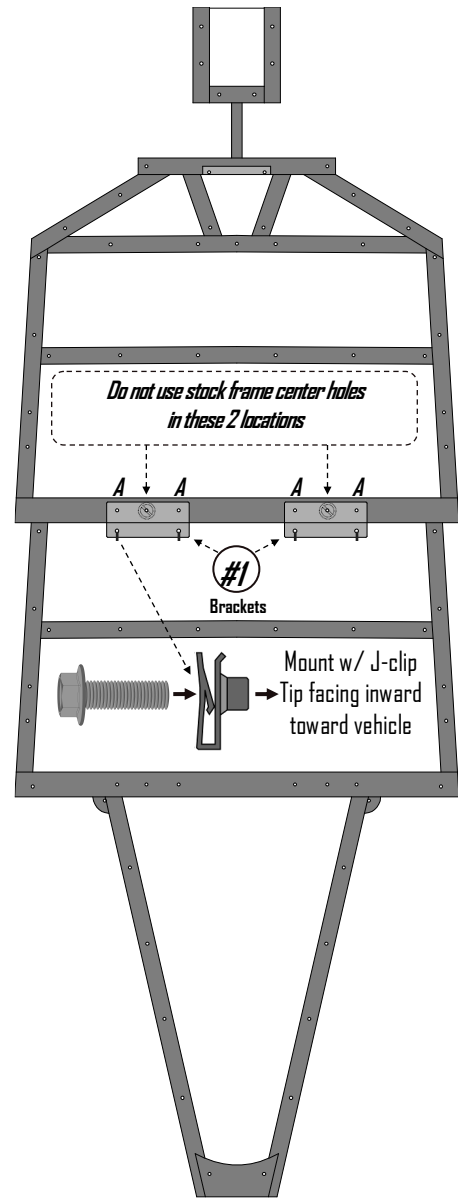
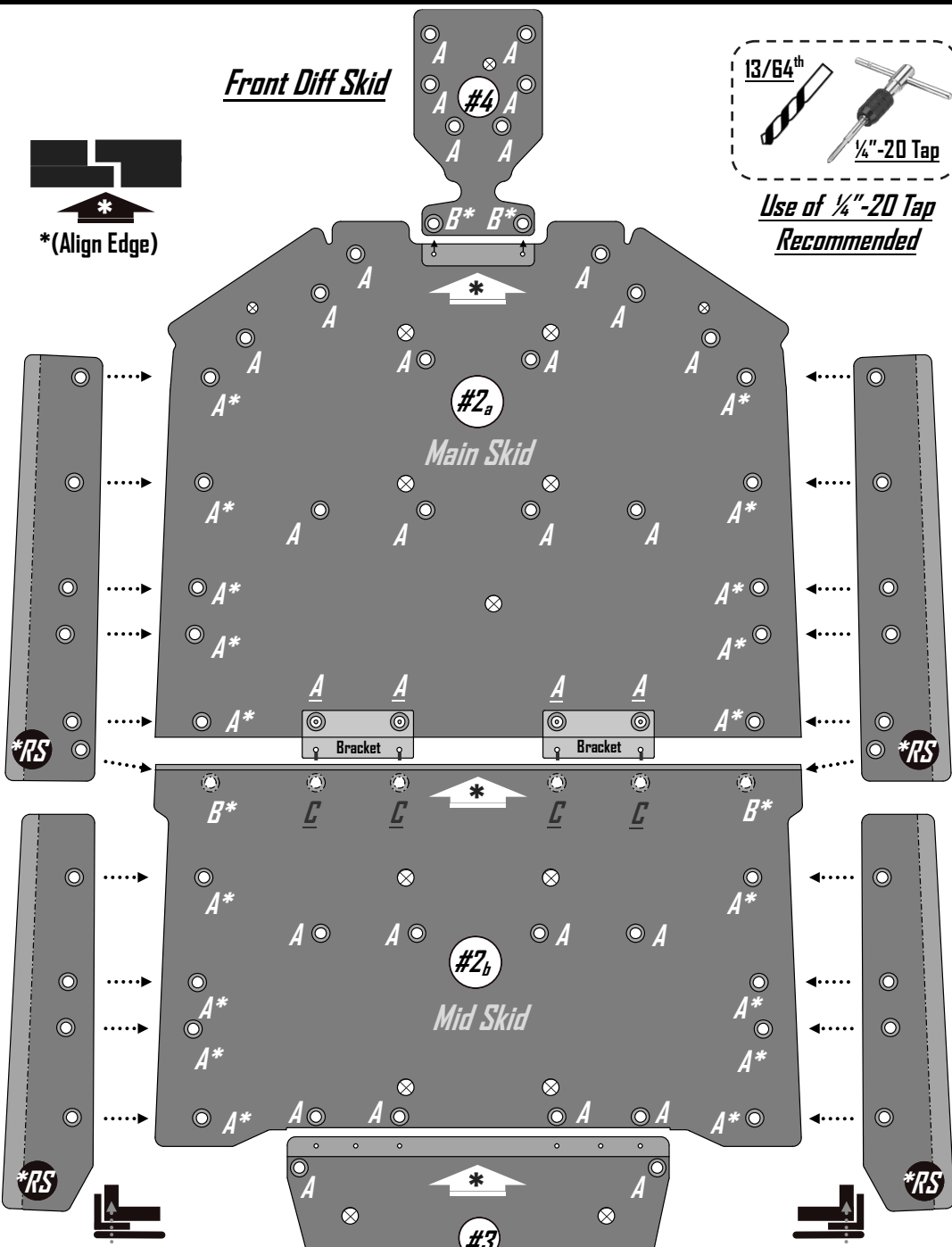
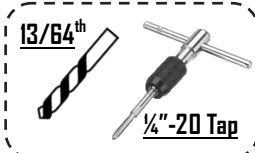


# Can-Am Maverick X3 MAX (2017 - 2020+)

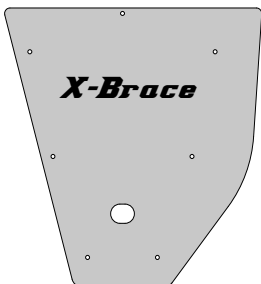
**Read :**  
 Instructions on (Pg. 2)  
**Remove stock skid plate,**  
**\*Drill out rivets as needed,**  
**Re-use mounting holes.**  
**See drilling instructions**  
**prior to drilling.**



**Front Diff Skid**



**If Aluminum X-Brace:**  
 Install X-brace in-between skid and chassis frame. Protects transmission and clutch cover housing. Finger tighten bolts to allow for adjustment before fastening all bolts securely



**If Rocksliders (\*RS):**  
 Install Rocksliders in-between skid and chassis frame. Use longer RS hardware in lieu of side \*A \*B bolts

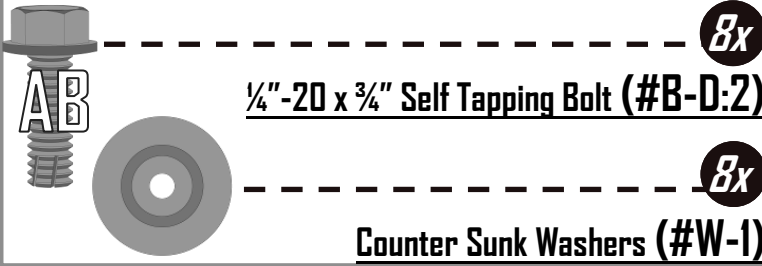
**#1**  
**Extension Bracket installation :**  
 Install 2x extension brackets using (A) bolts loosely with out washers. Ensure J-clips are facing inwards pointing toward the rear of the vehicle. Once skid plate is installed, you will need to back bolts out one at a time to keep brackets in place, reinstall bolts with skid and counter sunk washers securely.

# Can-Am Maverick X3 MAX (2017-2020+)

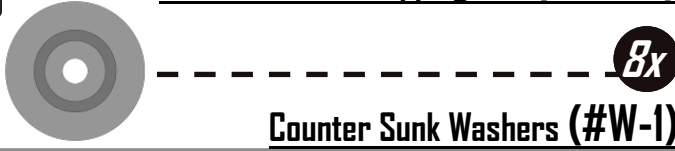
Skid Package Hardware

#1

## Front diff skid plate:



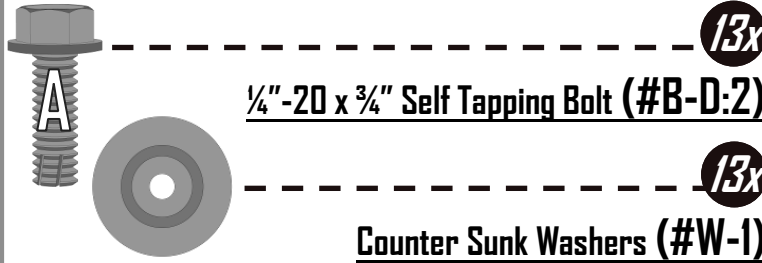
8x  $\frac{1}{4}$ "-20 x  $\frac{3}{4}$ " Self Tapping Bolt (#B-D:2)



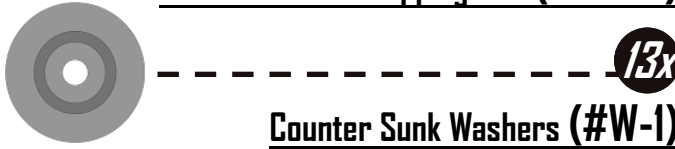
8x Counter Sunk Washers (#W-1)

#3

## Rear skid plate:



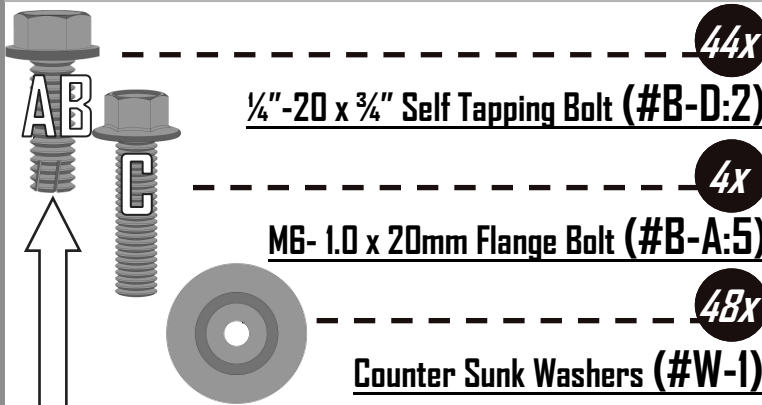
13x  $\frac{1}{4}$ "-20 x  $\frac{3}{4}$ " Self Tapping Bolt (#B-D:2)



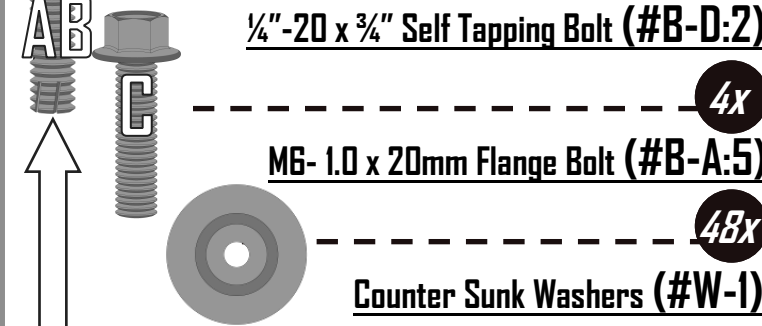
13x Counter Sunk Washers (#W-1)

#5

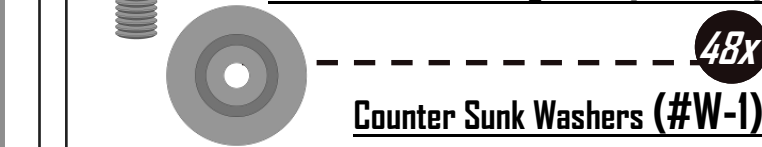
## Main and Mid skid plate Bag:



44x  $\frac{1}{4}$ "-20 x  $\frac{3}{4}$ " Self Tapping Bolt (#B-D:2)

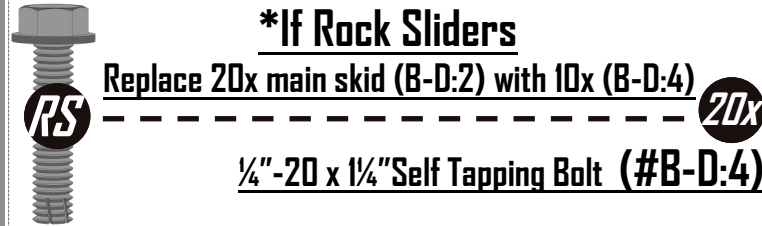


4x MG-1.0 x 20mm Flange Bolt (#B-A:5)



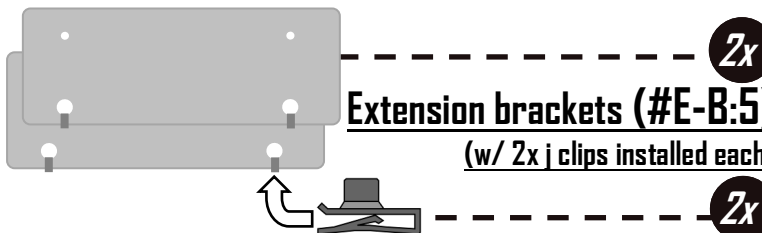
48x Counter Sunk Washers (#W-1)

### \*If Rock Sliders



20x Replace 20x main skid (B-D:2) with 10x (B-D:4)

20x  $\frac{1}{4}$ "-20 x  $\frac{1}{4}$ " Self Tapping Bolt (#B-D:4)



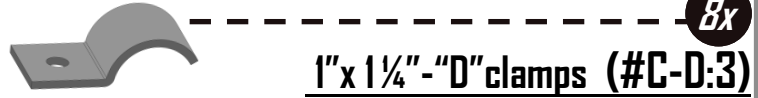
2x Extension brackets (#E-B:5)

(w/ 2x j clips installed each)

2x Extension brackets will be fastened to skid for shipping

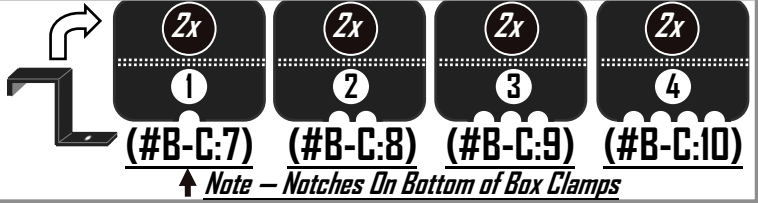
2x J-Clip's (#N-13)

## X3 XDS 64" A-Arm guard clamps:



8x 1"x  $\frac{1}{4}$ "-"D" clamps (#C-D:3)

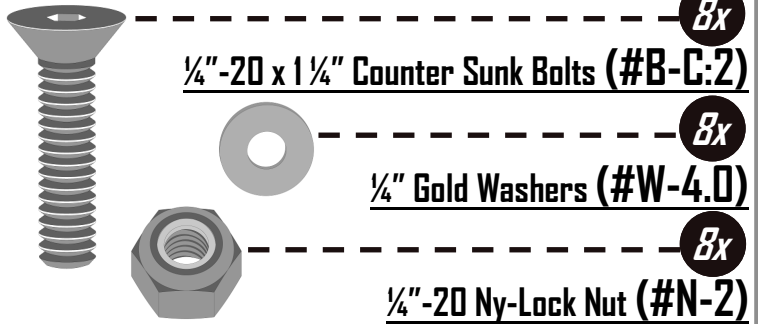
## X3 XRS 72" A-Arm guard clamps:



2x 1 2x 2x 2x  
1 2 3 4  
2x 2x 2x 2x  
(#B-C:7) (#B-C:8) (#B-C:9) (#B-C:10)

↑ Note - Notches On Bottom of Box Clamps

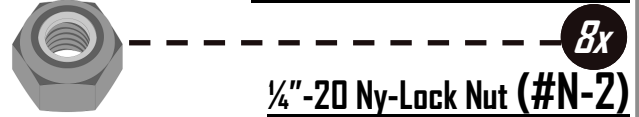
## X3 A-Arm guards (64" & 72"):



8x  $\frac{1}{4}$ "-20 x  $1\frac{1}{4}$ " Counter Sunk Bolts (#B-C:2)

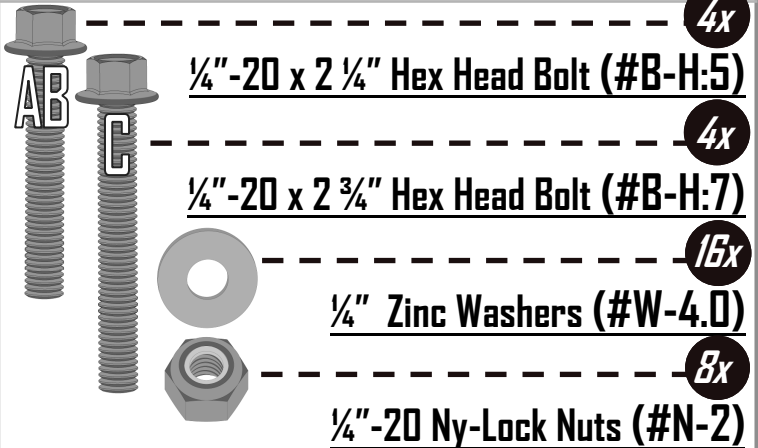


8x  $\frac{1}{4}$ " Gold Washers (#W-4.0)



8x  $\frac{1}{4}$ "-20 Ny-Lock Nut (#N-2)

## X3 XDS (64") Trailing arm guard



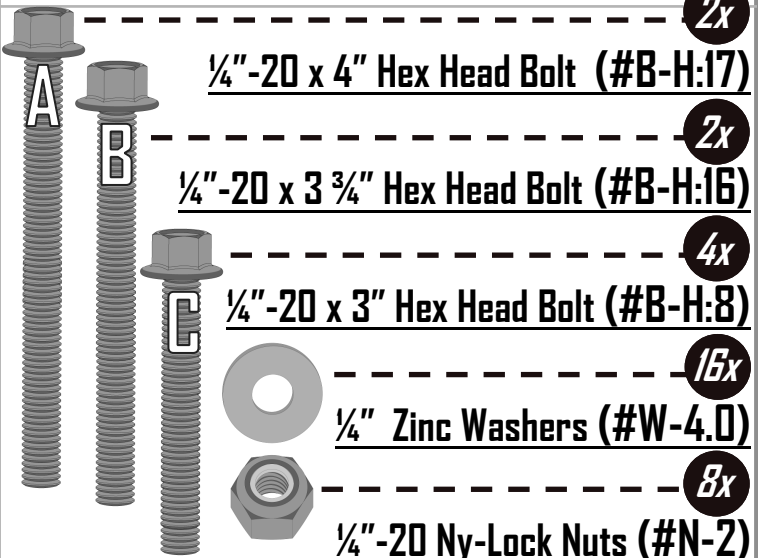
4x  $\frac{1}{4}$ "-20 x  $2\frac{1}{4}$ " Hex Head Bolt (#B-H:5)

4x  $\frac{1}{4}$ "-20 x  $2\frac{3}{4}$ " Hex Head Bolt (#B-H:7)

16x  $\frac{1}{4}$ " Zinc Washers (#W-4.0)

8x  $\frac{1}{4}$ "-20 Ny-Lock Nuts (#N-2)

## X3 XRS (72") Trailing arm guard



2x  $\frac{1}{4}$ "-20 x 4" Hex Head Bolt (#B-H:17)

2x  $\frac{1}{4}$ "-20 x  $3\frac{3}{4}$ " Hex Head Bolt (#B-H:16)

4x  $\frac{1}{4}$ "-20 x 3" Hex Head Bolt (#B-H:8)

16x  $\frac{1}{4}$ " Zinc Washers (#W-4.0)

8x  $\frac{1}{4}$ "-20 Ny-Lock Nuts (#N-2)

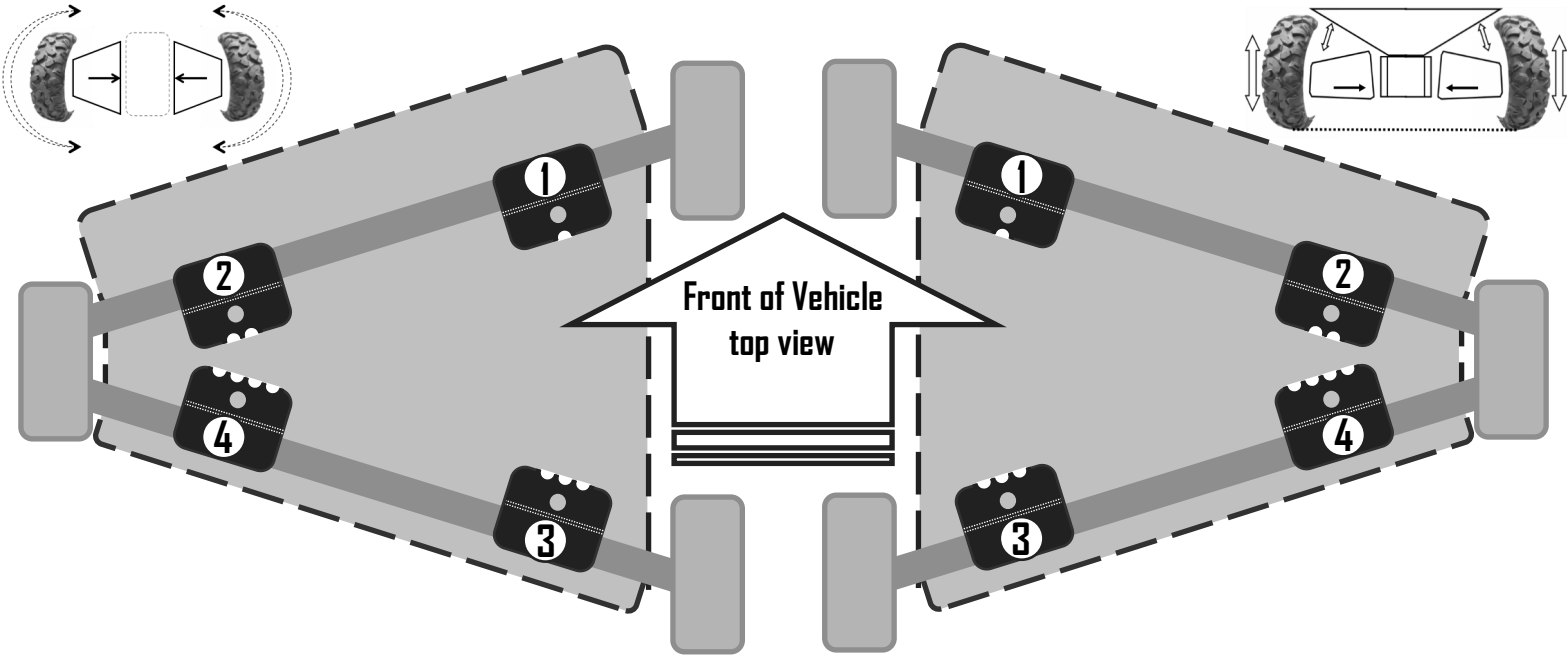
# Can-Am Maverick X3 MAX (XDS-XRS) (2017 - 2020+)

#1

## UHMW A-Arm guard instructions :

Install:  $\frac{1}{4}$ "-20 x  $1\frac{1}{4}$ " Counter Sunk Bolts, w/  $\frac{1}{4}$ " Gold washers and  $\frac{1}{4}$ "-20 Ny-lock nuts, with appropriate Clamp's over tubing in each location. *\*Note notches at rear of box clamp for XRS models only*  
 Fasten bolts until flush with UHMW guard. Do not over tighten or pull the bolt through the UHMW guard.

**\*Ensure Clearance For Turn Radius & Vertical Travel Before Fastening ALL Bolts Securely**

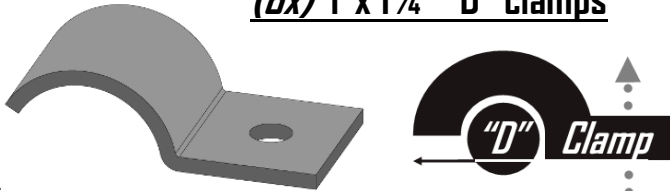


## A-Arm Hardware

Ensure you have the correct clamps for your model. Both models use same Bolts, nuts and washers.

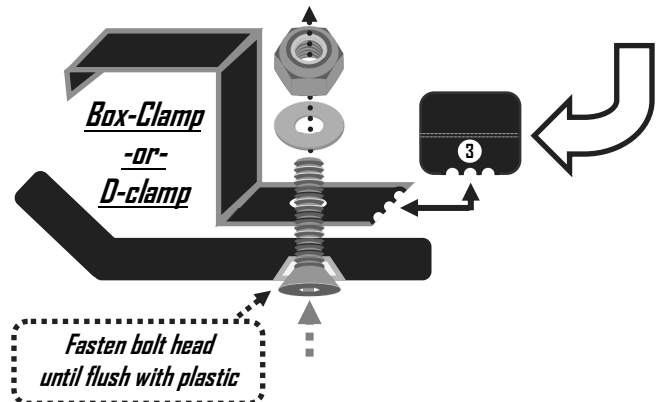
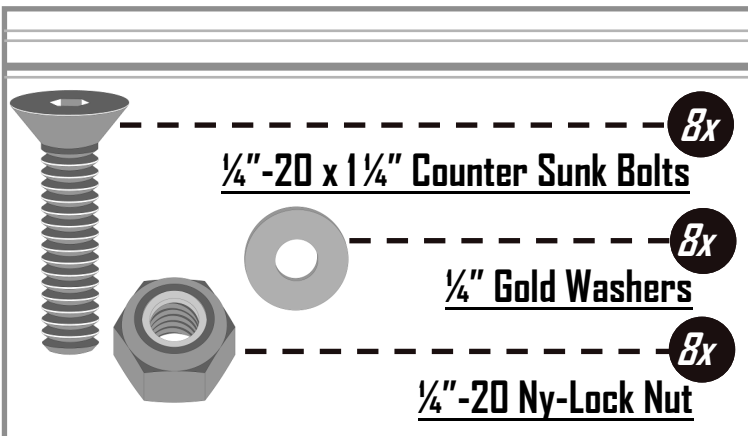
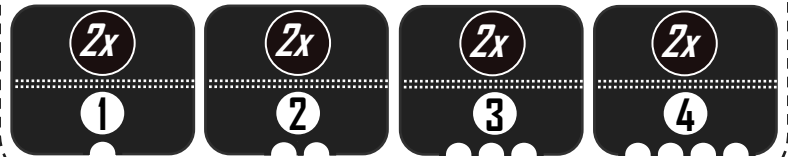
### X3-XDS (64" wide) models

(8x) 1" x  $1\frac{1}{4}$ " "D" clamps



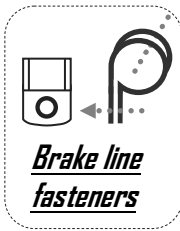
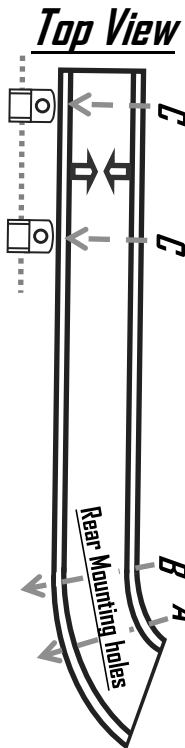
### X3-XRS (72" wide) models

Box-clamps (2x) of each size, (8x) clamps total



# Can-Am Maverick X3 MAX (XDS/XRS) (2017 - 2020+) UHMW Trailing arm guard instructions

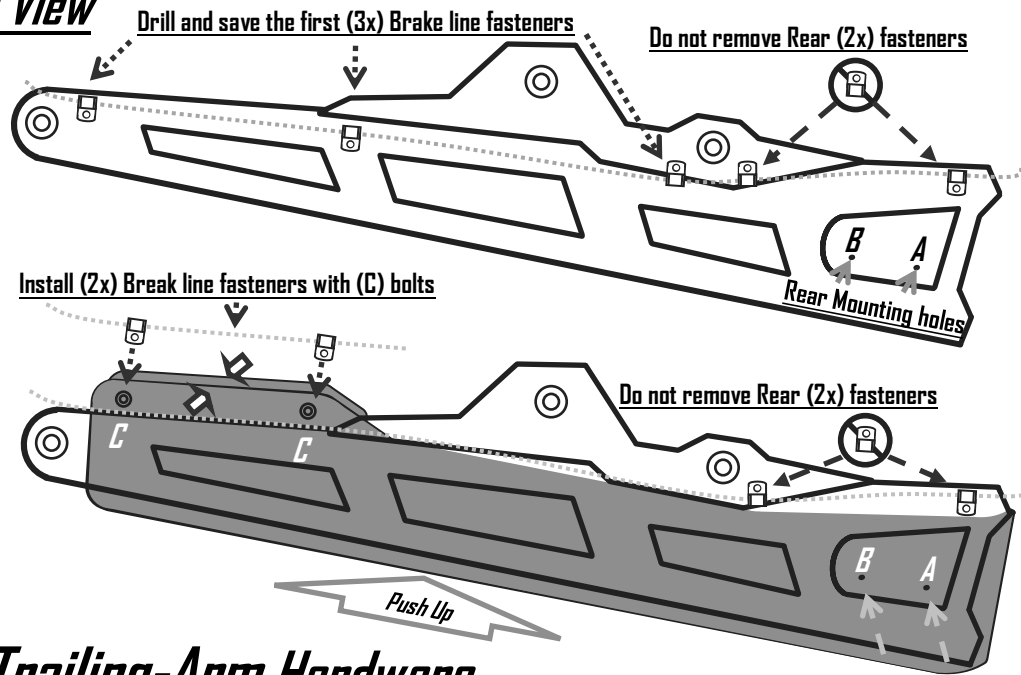
- #0** ----- Secure the vehicle and Remove Rear wheel \*(we recommend installing each side separately)  
You will need to relocate the brake line in this installation. But you do not need to fully disconnect the brakes.  
 Drill out the first (3x) riveted brake line fasteners along the Trailing Arm (as shown bellow) and save the fasteners for reuse.
- #1** ----- Place Trailing arm guard, may need to use force to get in to place, install Rear ( A ) and ( B ) bolts with:  
 (2x)  $\frac{1}{4}$ " Zinc washers and (1x)  $\frac{1}{4}$ "-20 Nylock nut each, in each ( A ) and ( B ) locations  
 (\*Note XRS / XDS model hardware at bottom ) *Loosely tighten bolts to allow for adjustments in next step.*
- #2** ----- Install ( C ) bolts: you may need to pinch or clamp plastic between the forward bolts to aid in install.  
 Re-use (2x) Brake line fasteners with forward bolts and ensure brake line is not stressed or pinched.  
 Install ( C ) bolts w/(2x)  $\frac{1}{4}$ " Zinc washers, (1x) brake line fastener, and (1x)  $\frac{1}{4}$ "-20 Nylock nut in : ( C ) locations.  
fasten all bolts securely, ensuring the travel & clearance of the trailing arm and brake lines.  
 (there will be 1 extra brake line fastener after install, optionally you can drill, rivet and reinstall if desired )



Squeeze or clamp sides while Fastening

\* may require the use of Clamps or a Car jack to aid with install.

## Side View



## Trailing-Arm Hardware

### XRS (72") wide Hardware

- A** ----- 2x  $\frac{1}{4}$ "-20 x 4" Hex Head Bolt
- B** ----- 2x  $\frac{1}{4}$ "-20 x 3  $\frac{3}{4}$ " Hex Head Bolt
- C** ----- 4x  $\frac{1}{4}$ "-20 x 3" Hex Head Bolt
- 16x  $\frac{1}{4}$ " Zinc Washers
- 8x  $\frac{1}{4}$ "-20 Ny-Lock Nuts

### X3 XDS (64") wide Hardware

- AB** ----- 4x  $\frac{1}{4}$ "-20 x 2  $\frac{1}{4}$ " Hex Head Bolt
- C** ----- 4x  $\frac{1}{4}$ "-20 x 2  $\frac{3}{4}$ " Hex Head Bolt
- 16x  $\frac{1}{4}$ " Zinc Washers
- 8x  $\frac{1}{4}$ "-20 Ny-Lock Nuts