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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 Defender*** (2018)

***A-Arm Guards: standard or Cab XT and Lone Star models***



# Can-Am Defender (2018) UHMW Skid Plate Installation

## Remove Stock Skid Plate. Carefully Drill Out Riveted Locations.

Use caution while drilling. You will need to re-use mounting holes with self tapping bolts.

(See: \*Drilling instructions\* below prior to drilling)

#0

### Mounting Brackets :

Install brackets with J-clip tips pointing up and inwards, along diagonal frame, with arrows facing towards center of the utv. 

Install bolt (1:A) in stock rivet location, fasten loosely but keeping brackets in place.

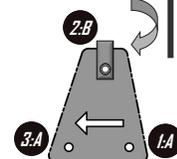
See diagram on pg 3, and continue with main skid installation.

Install bolt (2:B) with washer through main skid plate. Tighten (1:A) bolts prior to mid skid install.

When bolts (1:A and 2:B) in place mark, drill and/or tap for 3rd (A) bolt location. Drill in to frame for (3:A).

Install (3:A) bolts and washers when skid plate is in place. (1:A) Bolts are covered by mid skid.

Bracket & J-clip Tip pointing inwards towards UTV



#1

### Main Skid Plate :

Install using : (10x) 1/4"-20 x 3/4" Self Tapping Bolts in main skid: (A) locations.

Loosely mount bolts first, to aid positioning of skid and chassis frame during install.

Install: (2x) M6 1.0 x 20mm Self Tapping Bolts in main skid/bracket: (2:B) locations.

Tighten (1:A) Locations before installing mid skid. Disregard side bolt (A) locations until later steps.

#2

### Mid Skid Plate :

Install: (6x) 1/4"-20 x 3/4" Self Tapping Bolts in center of mid skid: (A) locations.

Align edge, loosely mount bolts first, to aid positioning of skid and chassis frame during install.

Mark, drill and install: (2x) 1/4"-20 x 3/4" Self Tapping Bolts through bracket in mid skid: (3:A) locations.

May need to re-adjust bracket and skid before drilling for best fit.

Install: (2x) 1/4"-20 x 3/4" Flange Bolts with 1/4" Zinc Washers, and 1/4"-20 Ny-Lock nuts in mid skid: (<D>) locations.

#3

### Rear Diff. Skid Plate :

\* Align edge with main skid. (See: \*Drilling instructions\* below)

Mark, drill and Install: (12x) 1/4"-20 x 3/4" Self Tapping Bolts in rear diff. skid: (A) locations.



#4

### Front Diff. Skid Plate :

Use a mallet to bend metal tab inwards, \*(See diagram), Align edge with main skid.

Install: (4x) 1/4"-20 x 3/4" Flange Bolts and (4x) 1/4"-20 Flange nuts in Front Diff. Skid: (A) locations.

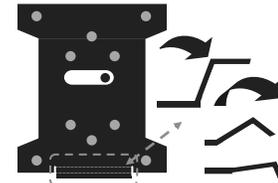
Bend Tab Inwards

#5

### Side Bolts :

Once skid plates are installed, using skid plate as a template, mark, drill and Install:

(12x) 1/4"-20 x 3/4" Self Tapping Bolts in side main & mid skids : (A) locations.



\*RS

### \*If Installing Rock Sliders :

Install: Rock Sliders in-between skid plate and chassis frame using side bolt locations.

Use: (12x) 1/4"-20 x 1/4" Self Tapping Bolts in side main and mid Skid: (A\*) locations, (in lieu of 12x (A) side bolts)



## \* Drilling Instructions : \*

Use a : #Nº7 (13/64<sup>th</sup>) drill bit,

( one size above the commonly available 3/16<sup>th</sup> bit ) Recommended 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.)

# Can-Am Defender (2018) Instructions

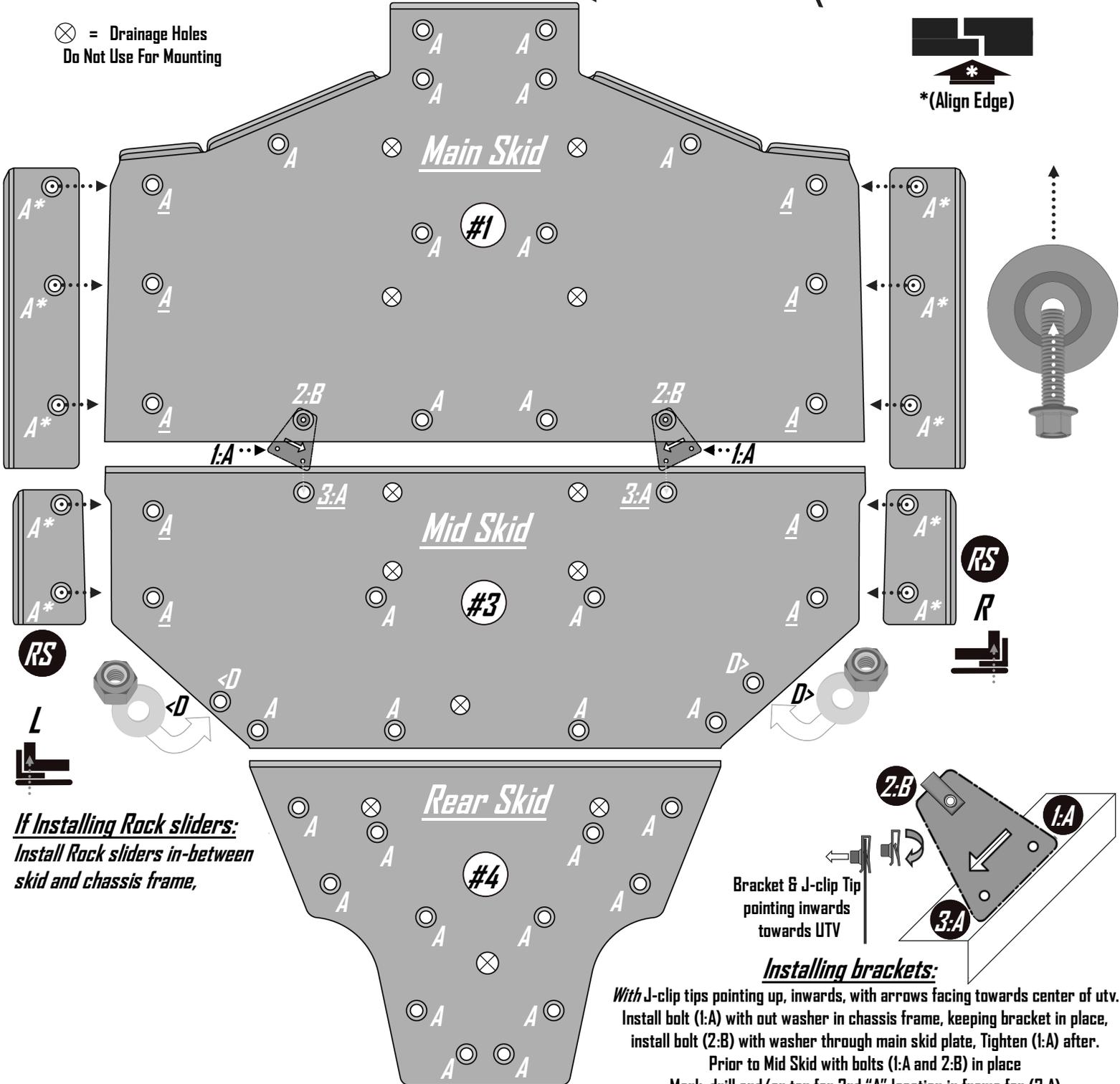
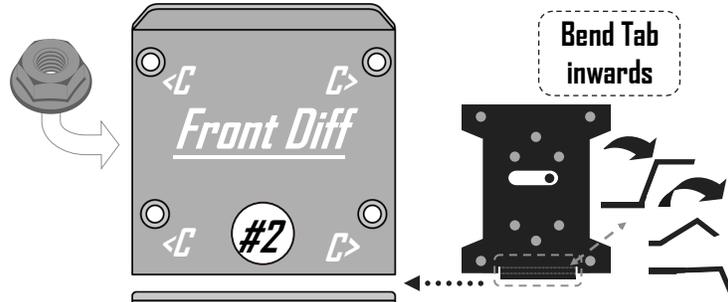
**Read :**  
 Instructions on (Pg. 2)  
 Remove stock skid plate,  
 \*Carefully Drill out rivets  
 Re-use mounting holes.  
 Tighten bolts when  
 secure.

" \_ " Locations  
 Require Drilling

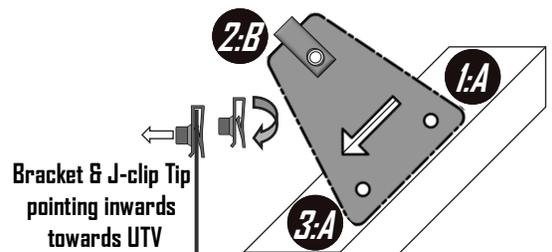
" \* " Locations  
 Use RS hardware

" < > " Locations  
 Use nut/washer

⊗ = Drainage Holes  
 Do Not Use For Mounting



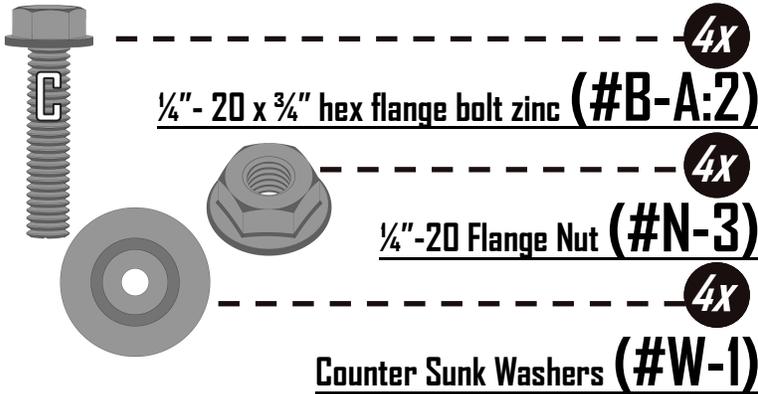
**If Installing Rock sliders:**  
 Install Rock sliders in-between  
 skid and chassis frame,



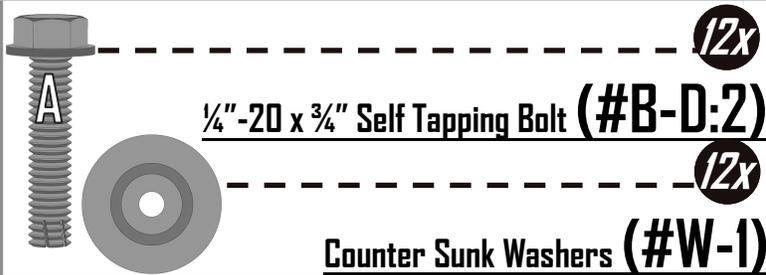
**Installing brackets:**  
 With J-clip tips pointing up, inwards, with arrows facing towards center of utv.  
 Install bolt (1:A) with out washer in chassis frame, keeping bracket in place,  
 install bolt (2:B) with washer through main skid plate, Tighten (1:A) after.  
 Prior to Mid Skid with bolts (1:A and 2:B) in place  
 Mark, drill and/or tap for 3rd "A" location in frame for (3:A).  
 Install (3:A) bolts and washers when skid plate is in place.

# Can-Am Defender (2018) Hardware kit

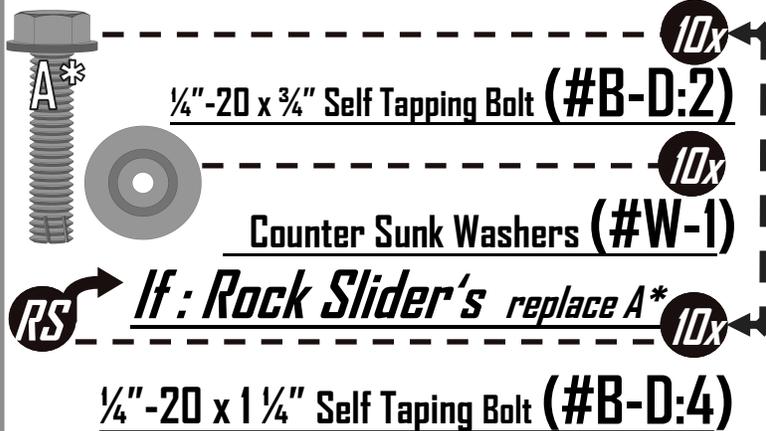
## #1 Front Diff Skid small bag:



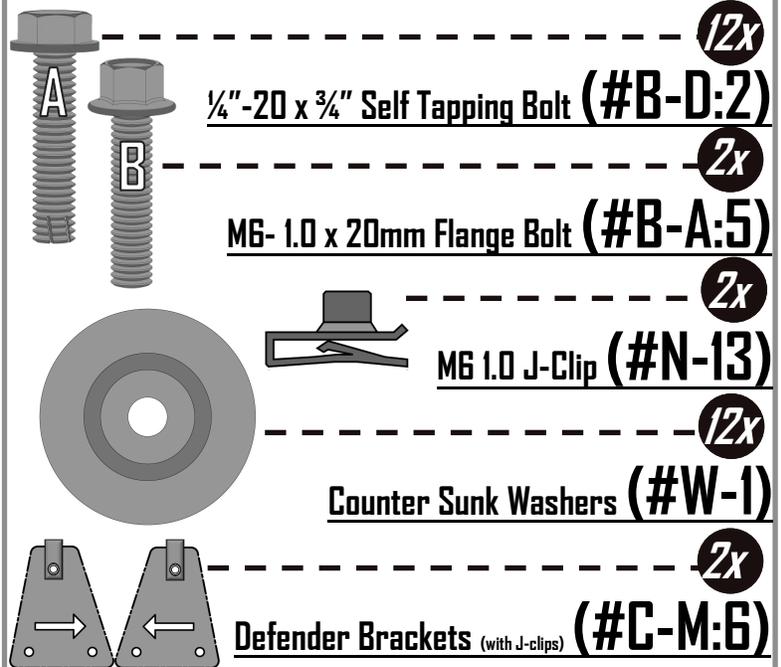
## #2 Rear Diff Skid small bag:



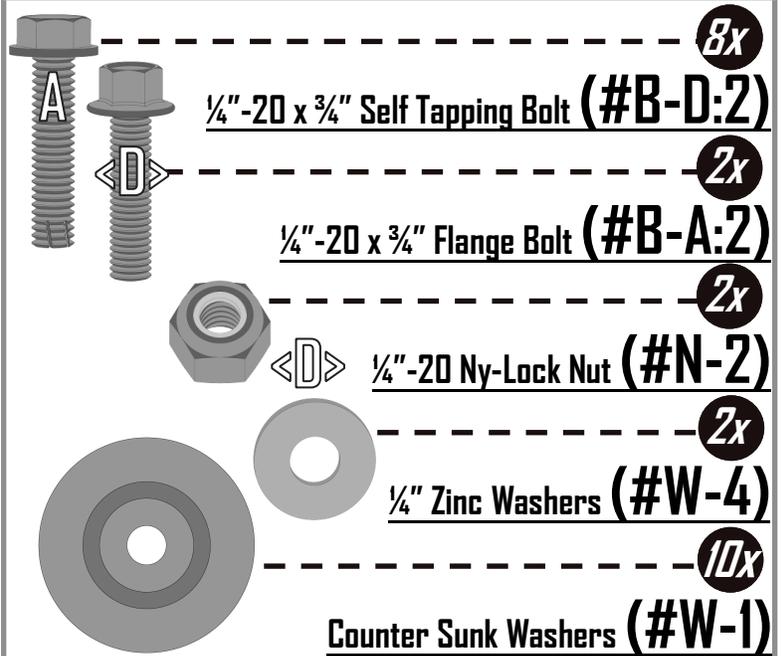
## #4 Side bolts small bag:



## #1 Front Main Skid Large bag:

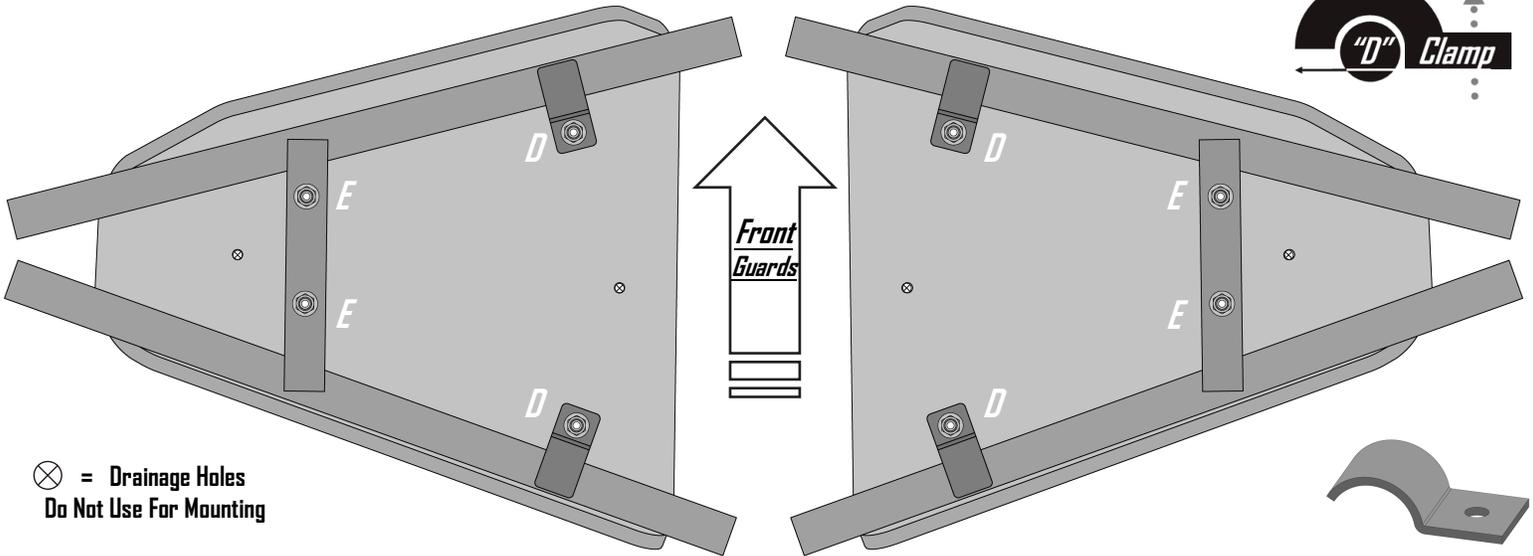


## #1 Rear Main Skid bag:

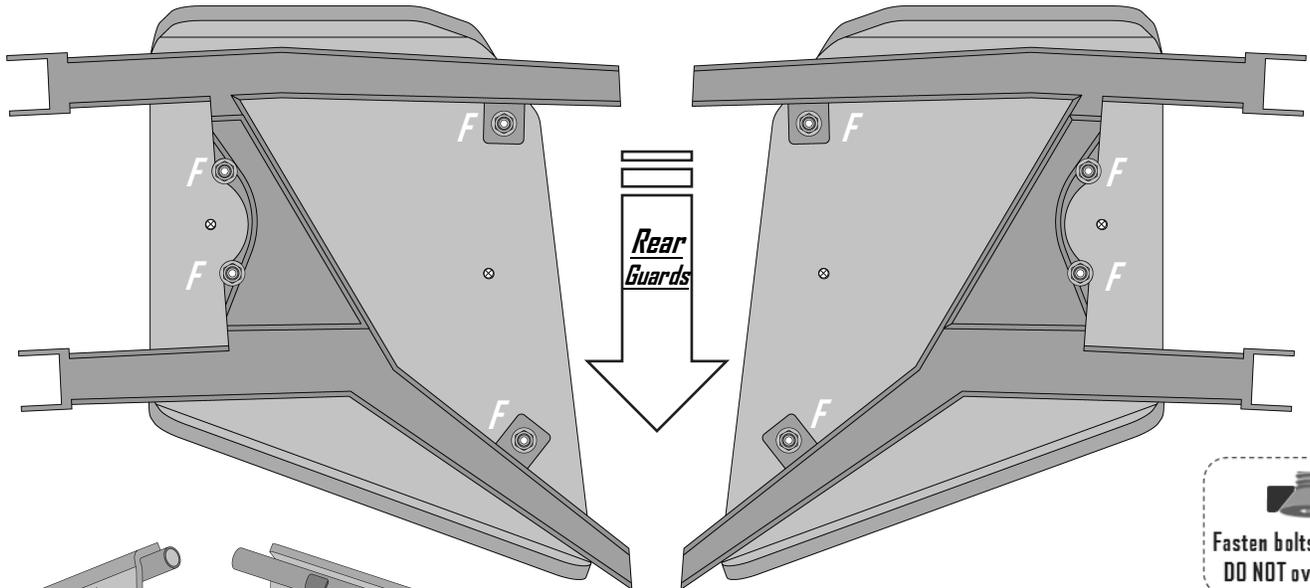


# Can-Am Defender/ Defender Max (2018)

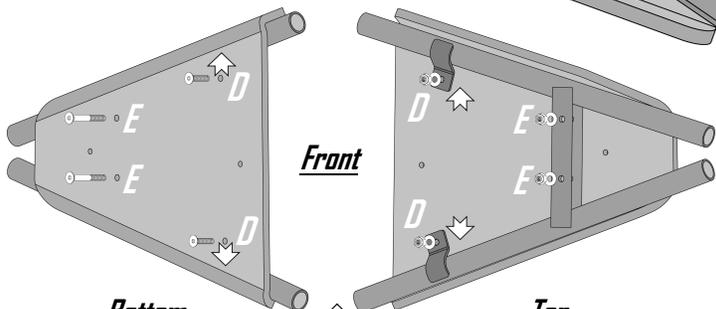
## Factory UTV UHMW A-Arm Guard Instructions



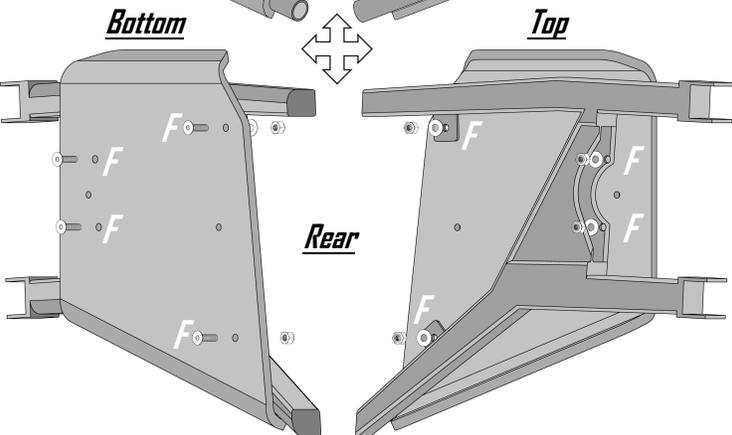
⊗ = Drainage Holes  
Do Not Use For Mounting



  
Fasten bolts until flush  
DO NOT over tighten



Front



Bottom

Top

Rear

### Front A-Arm Guards:

Install "D" Clamps over A-Arm Tubing in (D) locations Use:

(4)  $\frac{1}{4}$ "-20 x  $1\frac{1}{4}$ " Counter Sunk Bolts,  $\frac{1}{4}$ " Gold Washers,  $\frac{1}{4}$ "-20 NyLock Nuts.

For (E) locations Use:

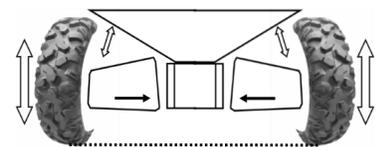
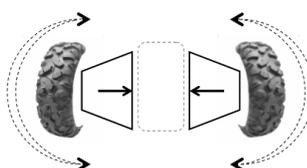
(4)  $\frac{1}{4}$ "-20 x  $2\frac{1}{4}$ " Counter Sunk Bolts,  $\frac{1}{4}$ " Gold Washers,  $\frac{1}{4}$ "-20 NyLock Nuts.

### Rear A-Arm Guards:

For (F) locations Use:

(8)  $\frac{1}{4}$ "-20 x 1" Counter Sunk Bolts,  $\frac{1}{4}$ " Gold Washers,  $\frac{1}{4}$ "-20 NyLock Nuts.

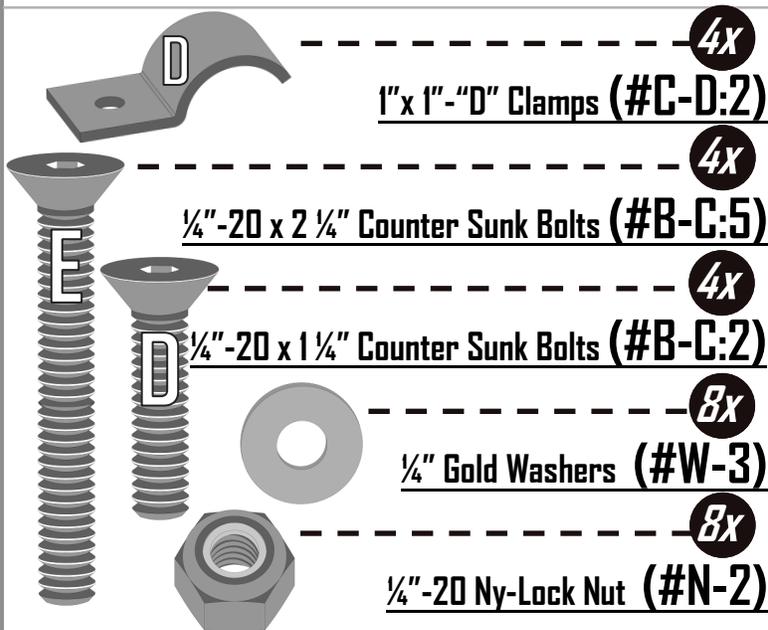
\***Ensure** Clearance For Turn Radius &  
Vertical Travel Before **Fastening ALL Bolts Securely.**



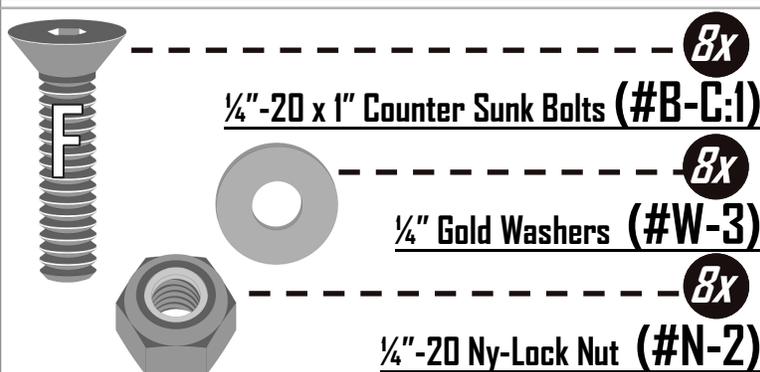
# Can-Am Defender/ Defender max (2018) A-Arm Hardware

## For Standard OEM A-Arm Guard Hardware:

### #1 Front A-Arm Guards small bag:

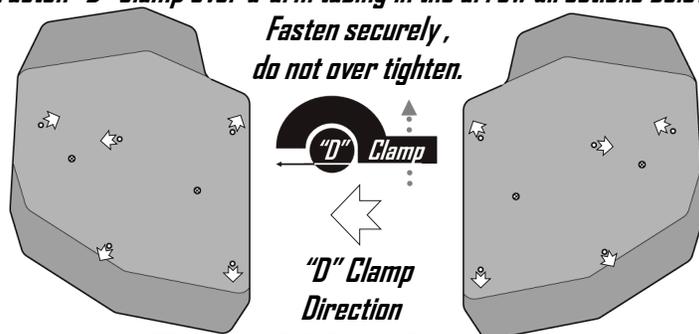
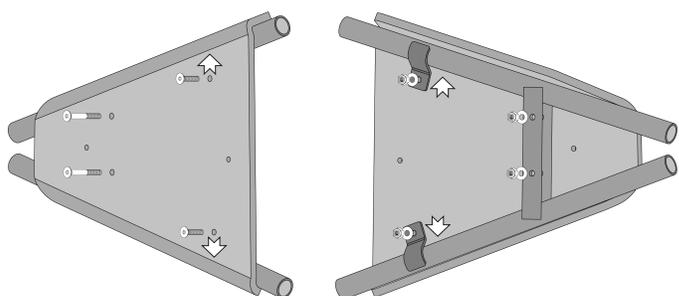


### #2 Rear A-Arm Guards small bag:



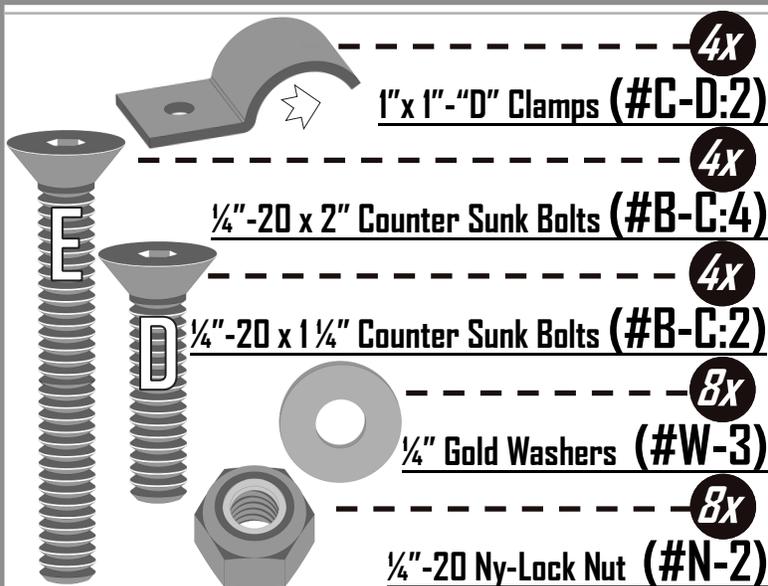
### If Installing CabXT/Lonestar Guards :

Install in a similar fashion to standard A-Arm guards.  
 Use "D" clamps with short bolts over a-arm tubing in inner locations.  
 Use the longer bolts through the frame at the ends of the A-Arms.  
 Rear arms: hold guard in place on A-arm, place bolts through guard.  
 Fasten "D" clamp over a-arm tubing in the arrow directions below.



## For CabXT/Lonestar OEM A-Arm Guard Hardware:

### #1 Front A-Arm Guards small bag:



### #2 Rear A-Arm Guards small bag:

