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**FACTORY UTV**

## **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** (Ultimate Package)

***Polaris***

***Ranger XP 1000 Crew*** (2018+)



# Polaris Ranger XP 1000 Crew (2018+) instructions

Remove stock skid plate and re-use stock hardware as needed in all ( A ) locations.

**#1**

## Main and Mid Skid Plate :

Install using: (6x) stock bolts & washers, in Main Skid: ( A ) locations, fasten loosely for installation adjustments.

**\*(See Drilling Instructions Below)\*** Mark, drill and install : (4x) ¼"-20 x ¾" Self Tapping Bolts, in Main Skid: ( B ) locations.

Align edge with main skid plate and install mid skid using : (8x) Stock Bolts & Washers, in Main Skid: ( A ) locations.

**#2**

## Rear Skid Plate :

**\*(See Drilling Instructions Below)\*** Align edge with Main Skid.

Mark, drill and install: (6x) ¼"-20 x ¾" Self Tapping Bolts in Rear Skid : ( B ) locations.

*In the 2x rear most ( B ) locations. Drill in to crease of metal, between hump and flat areas. (See chassis diagram pg.3)*

*(Mount forward bolts first, to aid positioning of rear skid and chassis frame. Fasten all skid bolts securely when done)*



**\*(Align Edge)**

**#3**

## Front Diff. Skid Plate :

Bend front tab inwards, (see: chassis diagram pg.3.) \*(See Drilling Instructions Below)\*

Align edge with Main Skid. Mark, drill and install: (4x) ¼"-20 x ¾" Self Tapping Bolts in Front Diff. Skid : ( B ) locations.

**#4**

## Side Mounts : ( A & B )

Install: (10x) M6- 1.0 x 20mm Flange Bolts in the sides of main and mid skid's : ( A ) locations.

**\*(See Drilling Instructions Below)** Mark, drill, and Install: (2x) ¼"-20 x ¾" Self Tapping Bolts in Side Skid : ( B ) locations.

**RS**

## \*If Rock Sliders, Use "RS" Hardware In Lieu Of Side Mounts :

Install: *rock sliders in-between skid and chassis frame.*

Install: (10x) M6- 1.0 x 30mm Flange Bolts in the sides of main and mid skid's : ( A ) locations.

**\*(See Drilling Instructions Below)** Mark, drill, and Install: (2x) ¼"-20 x 1 ¼" Self Tapping Bolts in Side Skid : ( B ) locations.



**G**

## Rear A-Arm Guards : ( C )

Install : (4x) ¼"-20 x 2 ¼" Counter Sunk Bolts W/(4x) ¼" Zinc Washers, and (4x) ¼"x 20 Ny-Lock Nuts

*In : ( C ) locations. (on Each Rear A-Arm Guard).*

**D+E**

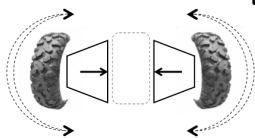
## A-Arm Guards : ( D ) ( E )

Install : (3x) 1 x 1" "D" clamps over A-Arm tubing W/ (3x) ¼"-20 x 1 ¼" Counter Sunk Bolts,

(3x) ¼" Gold Washers, and (3x) ¼"-20 Ny-Lock Nuts in: ( D ) locations.

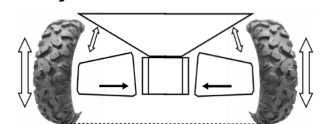
Install : (1x) ¼"-20 x 1 ½" Counter Sunk Bolts, W/ (1x) ¼" Gold Washers, and (1x) ¼"-20 Ny-Lock Nuts

through stock mounting holes in: ( E ) locations. (on Each A-Arm Guard)



**\* Ensure Clearance For Turn Radius & Vertical Travel**

**Before Fastening ALL Bolts Securely**



## **\* 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 ¼"- 20 Tap \*(Optional)

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

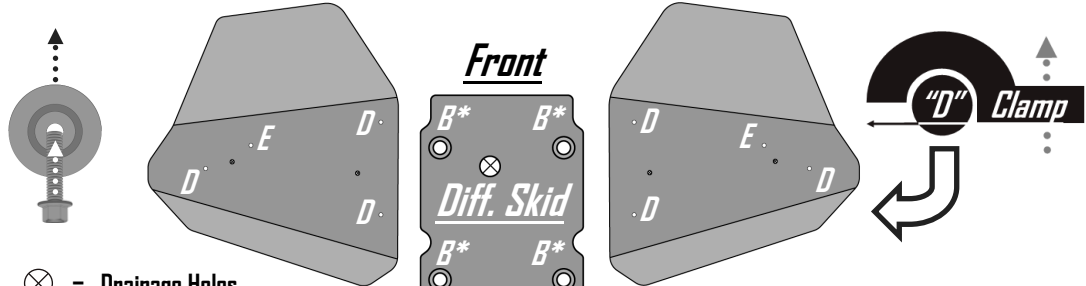
**Finger Thread All Bolts Prior To Fastening Securely With Power Tools.**

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.)**

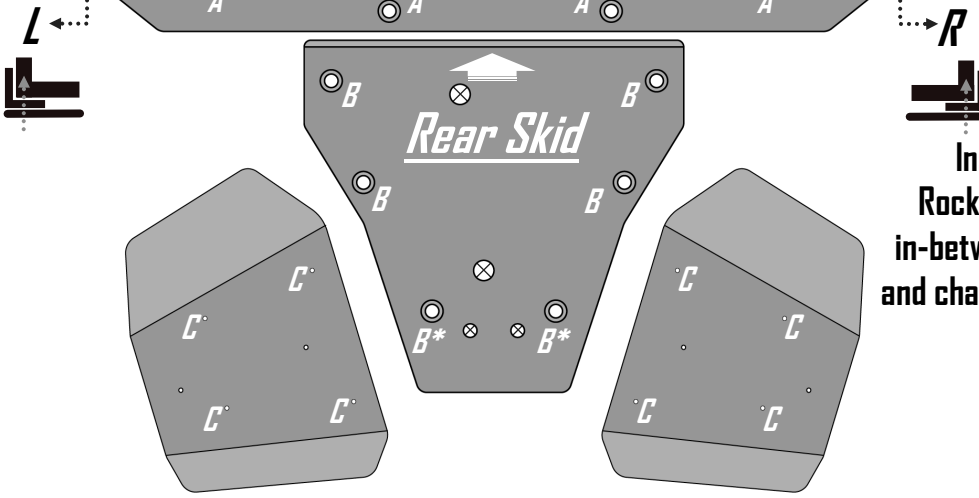
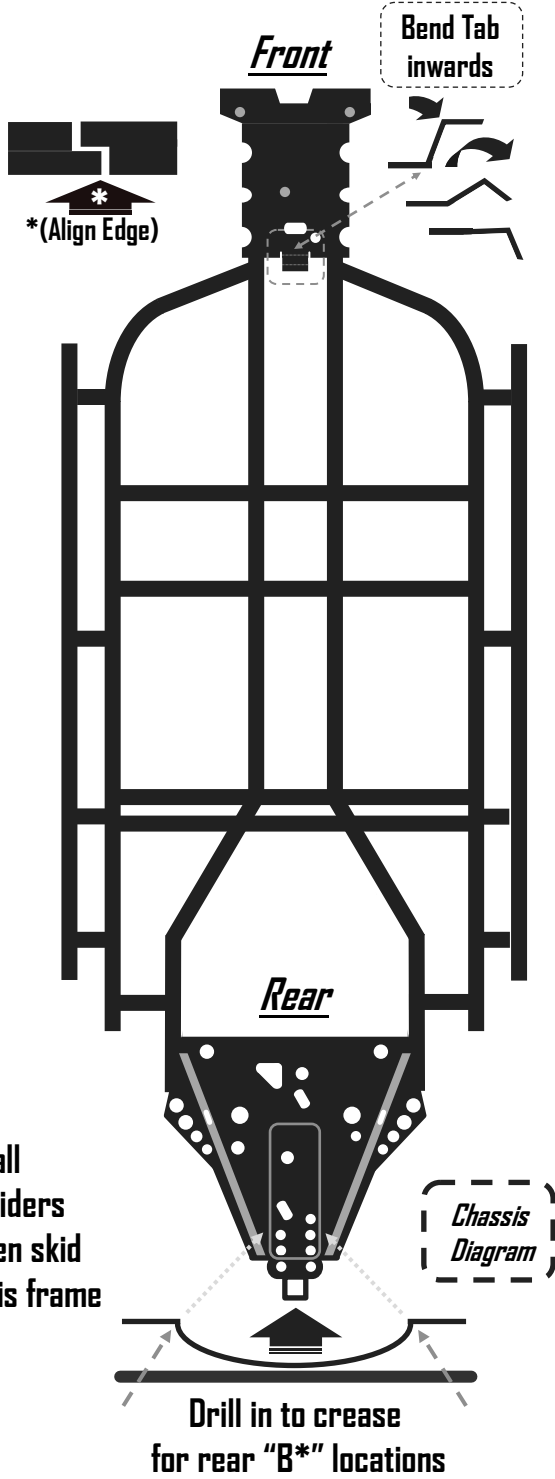
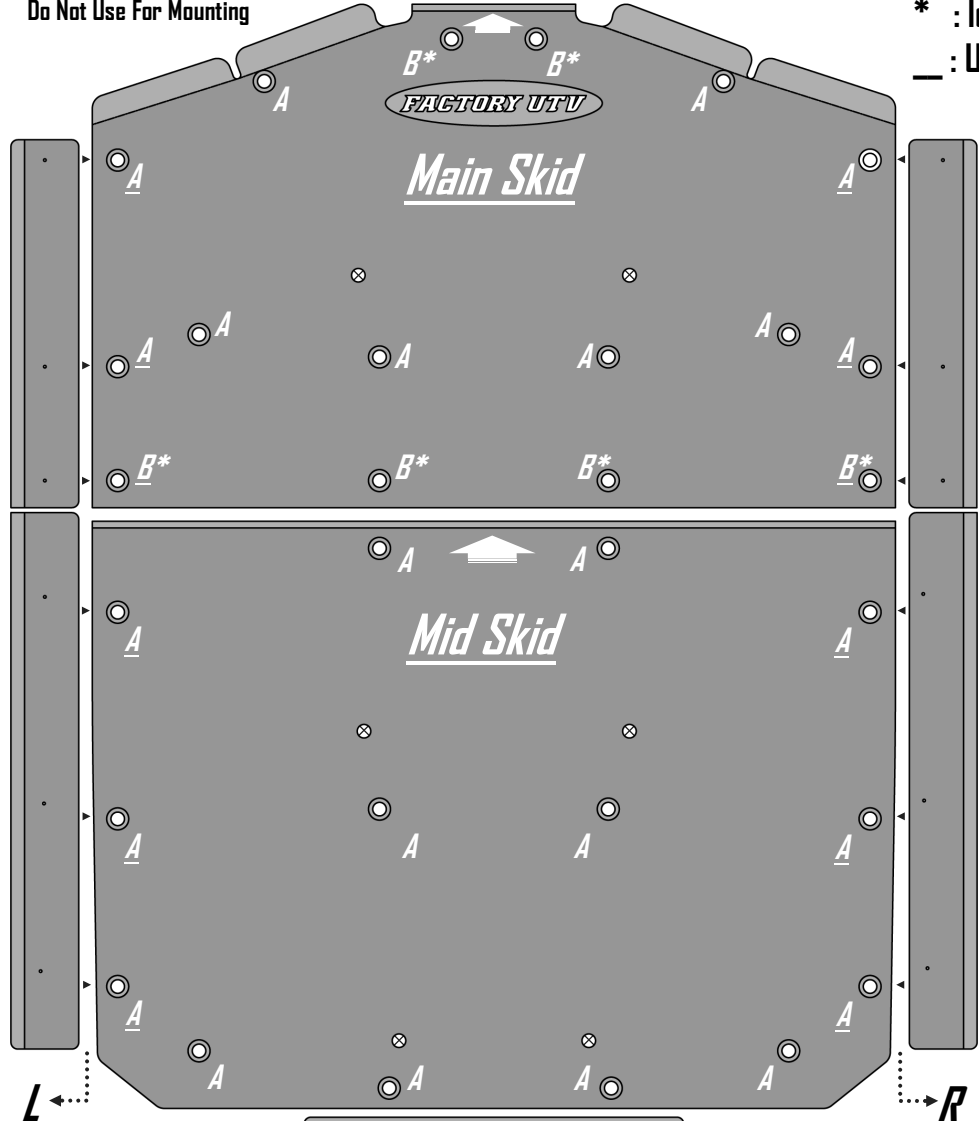
# Polaris Ranger XP 1000 Crew (2018+)

**Read :**  
 Instructions on pg.#2  
 Remove stock skid plate,  
 Reuse hardware as needed.  
 Skid plate will form to fit.  
 See drilling instructions  
 prior to drilling.




⊗ = Drainage Holes  
 Do Not Use For Mounting

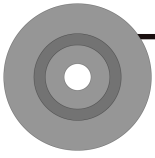
\* : locations require drilling  
 \_ : Use RS hardware




# *Polaris Ranger XP 1000 Crew (2018+) Hardware kit*

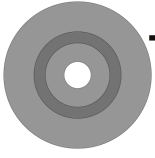
**#1 Front Diff Skid Small Bag:**

 ----- **4x**  
 1/4"-20 x 3/4" Self Taping Bolt (#B-D:2)


 ----- **4x**  
 Counter Sunk Washers (#W-1)

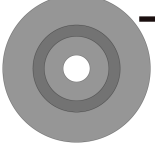
**#2 Rear Skid Small Bag:**

 ----- **6x**  
 1/4"-20 x 3/4" Self Taping Bolt (#B-D:2)

 ----- **6x**  
 Counter Sunk Washers (#W-1)

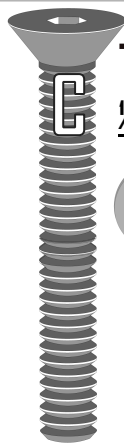
**#3 Main & Mid Skid Large Bag:**


 ----- **4x**  
 1/4"-20 x 3/4" Self Taping Bolt (#B-D:2)

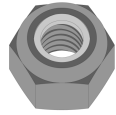
 ----- **4x**  
 Counter Sunk Washers (#W-1)

**\*If Rock Sliders Use RS Hardware**

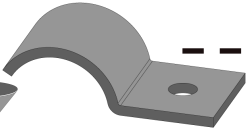
**#5 Rear A-Arms Small Bag:**


 ----- **8x**  
 1/4"-20 x 2 1/4" Counter Sunk Bolts (#B-C:5)


 ----- **8x**  
 1/4" sm Silver Washers (#W-4.0)


 ----- **8x**  
 1/4"-20 Ny-Lock Nut (#N-3)

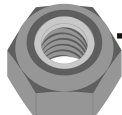
**#6 Front A-Arms Large Bag:**

 ----- **6x**  
 1" x 1" "D" Clamps (#C-D:2)


 ----- **6x**  
 1/4"-20 x 1 1/4" Counter Sunk Bolts (#B-C:2)

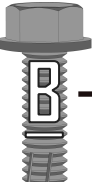
 ----- **2x**  
 1/4"-20 x 1 1/2" Counter Sunk Bolts (#B-C:3)

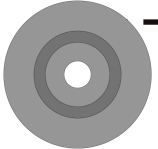
 ----- **8x**  
 1/4" sm Gold Washers (#W-3.0)

 ----- **8x**  
 1/4"-20 Ny-Lock Nut (#N-3)


**#4 Side bolts Small Bag:**


 ----- **10x**  
 M6- 1.0 x 20mm Flange Bolt (#B-A:5)

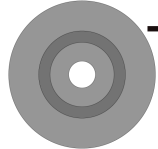
 ----- **2x**  
 1/4"-20 x 3/4" Self Taping Bolt (#B-D:2)

 ----- **12x**  
 Counter Sunk Washers (#W-1)

**RS \* If RS Small Bag:**

 ----- **10x**  
 M6- 1.0 x 30mm Flange Bolt (#B-A:7)

 ----- **2x**  
 1/4"-20 x 1 1/4" Self Taping Bolt (#B-D:4)

 ----- **12x**  
 Counter Sunk Washers (#W-1)