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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**

***Polaris***

***RZR Pro XP 4 (2020 - 2021+)***



# Polaris RZR Pro XP 4 (2020 - 2021+) Skid Plate Instructions \*(See diagrams page 3)

Remove stock skid plate & re-use stock hardware as needed in all (A) locations. Drilling and Use of 1/4" - 20 Tap is Required.

#1

## Quarter Guards:

Cut and re-use stock skid plate front Quarter Guards. Use center opening's "factory edge" to mark across stock skid. Cut below bottom (2x) bolt cups. Trim as needed. Re-attach with built in plastic clamps before skid installation. \*(See pg. 3) 

#2

## Cross Member:

Install with (1x) Stock bolt, with out washer, in empty top center hole on cross member (A) location, fasten to UTV loosely. Install: (2x) "D" Clamps and (2x) M6- 1.0 x 20mm Flange Bolts in (C) locations. Bolt through crossmember, fastening clamp over tube chassis. Tighten (C) Bolts Securely.

#3

## Extension Bracket

Install: (3x) 1/4"-20 x 3/4" Self Tapping bolts in (B) locations loosely. Ensure J-clip tips are pointing inward towards UTV.

#4

## Trailing Arm Fore Mount Guards:

Install with (1x) 1/4"-20 x 3/4" Countersunk Bolt in (L.1) locations, Mark, drill and tap remaining (L.2-L.3) locations. Install with (2x) 1/4"-20 x 3/4" Countersunk Bolt in (L.2-L.3) locations on each guard.

#5

## Mid and Main Skid Plate A :

Install Mid Skid Plate using: (7x) Stock Bolts (M6 - 1.0x 20mm TF bolts) *In Mid Skid: (A) locations. Fasten bolts loosely for adjustment*  
Install: (8x) M6-1.0 x 20mm Flange Bolts *in Mid Skid: (C) locations. Fastening bolts from rear to front. Disregard B locations until further steps*  
Install Main Skid Plate, align with Mid Skid Plate edge, install using: (4x) Stock Bolts (M6 - 1.0x 20mm TF bolts) *In Main Skid: (A) locations.*  
Install: (2x) M6-1.0 x 30mm Flange Bolts *in Main Skid: (H) locations.* Install: (4x) M6-1.0 x 25mm Flange Bolts *in Main Skid: (I) locations.*  
*Leave bolts loose for adjustment, disregard remaining B locations for later steps.*

#6

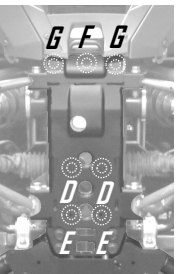
## Rear Skid Plate A :

Align edge with main skid plate, Install: (10x) Stock (M6 - 1.0x 20mm TF bolts) *In Rear Skid: (A) locations.*

*\*IF installing X-brace, install in-between skid and chassis frame before bolting in place.*

*Leave bolts loose for adjustments, disregard remaining B locations for later steps.*

(Front Diff. Skid)



#7

## Front Diff. Skid Plate A :

Align edge with Main Skid, mark (E) locations in back plate, (Using stock holes as guide)

*\*(See Drilling Instructions Below)\* Drill & tap (E) locations, loosely install (2x) 1/4"-20 x 1" Self Tapping Bolts.*

*Leave bolts loose for adjustments, disregard remaining D,F,G locations for later steps.*

#8

## Skid Plate Adjustments:

Align all skid plate edge's and make adjustments for best fit. Tighten all currently installed bolt locations securely.

#9

## Mid and Main Skid Plate B :

Remove and replace (3x) 1/4"-20 x 3/4" Self Tapping Bolts in Mid skid plate (B) locations from extension bracket. Remove and re-install these bolts through skid with counter sunk washers, one at a time to keep bracket in place.

Mark, drill, tap and install (4x) 1/4"-20 x 3/4" Self Tapping Bolts for remaining Mid Skid Plate (B) locations.

Mark, drill, tap and install (6x) 1/4"-20 x 3/4" Self Tapping Bolts for remaining Main Skid Plate (B) locations.

#10

## Rear Skid Plate B :

Mark, drill, tap and install (2x) 1/4"-20 x 3/4" Self Tapping Bolts for remaining (B) locations. Fasten all Rear Skid Plate bolts securely.

#11

## Front Diff. Skid Plate B (D, G, F) :

Mark, drill, tap and install (2x) 1/4"-20 x 1/2" Self Tapping Bolts for remaining (D) locations. Fasten bolts securely.

F and G locations: Use a car jack and/or clamps to firmly bend diff skid up in to place, flush with plate below the tow hook.

Mark F location, Drill 13/64<sup>th</sup> holes perpendicular to metal plate, use 1/4"-20 Tap and

Install (1x) 1/4"-20 x 3/4" Countersunk Bolt in (F) location.


Once (F) is installed, Mark G location, Drill 13/64<sup>th</sup> holes perpendicular to metal plate, use 1/4"-20 Tap and Install (2x) 1/4"-20 x 1 1/4" Countersunk Bolts in (G) locations. Fasten bolts securely.

#12

## Ensure All Skid Plate Bots Are Fastened Securely.

## \* Drilling Instructions : \*

Use a : #N<sup>o</sup>7 (13/64<sup>th</sup>) drill bit,

(one size above the commonly available 3/16<sup>th</sup> bit) Use of 1/4"-20 Tap \*(Required) 

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.

Factory UTV LLC @2020 — Polaris RZR Pro XP 4 (2020 - 2021+) UHMW Skid Plate Instructions v3.0 pg. 2

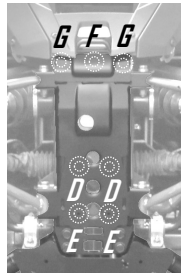


Installation may require the use of Clamps or a Car jack to aid with install.

# Polaris RZR Pro XP (2020 - 2021+) Skid Plate Installation

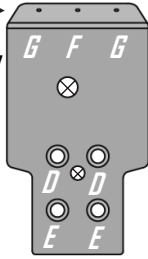
Remove & Save stock skid plate & hardware  
Cut quarter panels & mount brackets before install.  
Drilling & 1/4"-20 Tap Required

Fasten bolts Until Flush

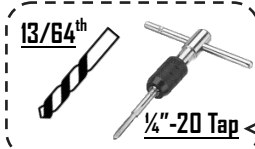


## Front Diff Skid

#8



**Stock skid plate removal tips**  
Use firm downward force to pop plastic clamps off chassis tubing.  
Re-use stock bolts for A locations.



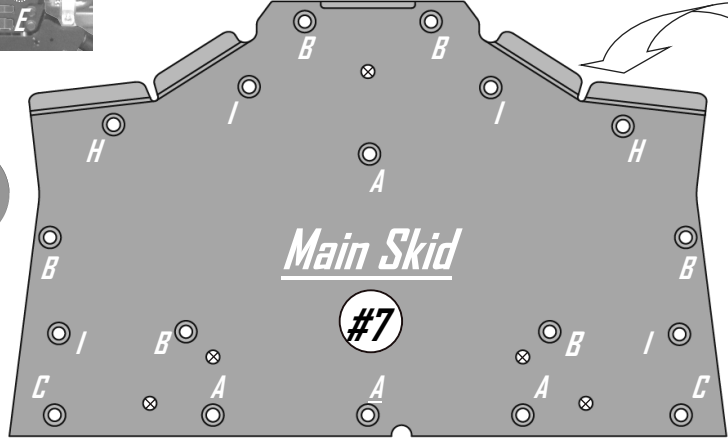
#1

Plastic clamps

Cut and re-use stock skid plate front-quarter guards

Use the center opening's "factory edge" to mark across stock skid cut below bottom (2x) bolt cups. Cut as needed.

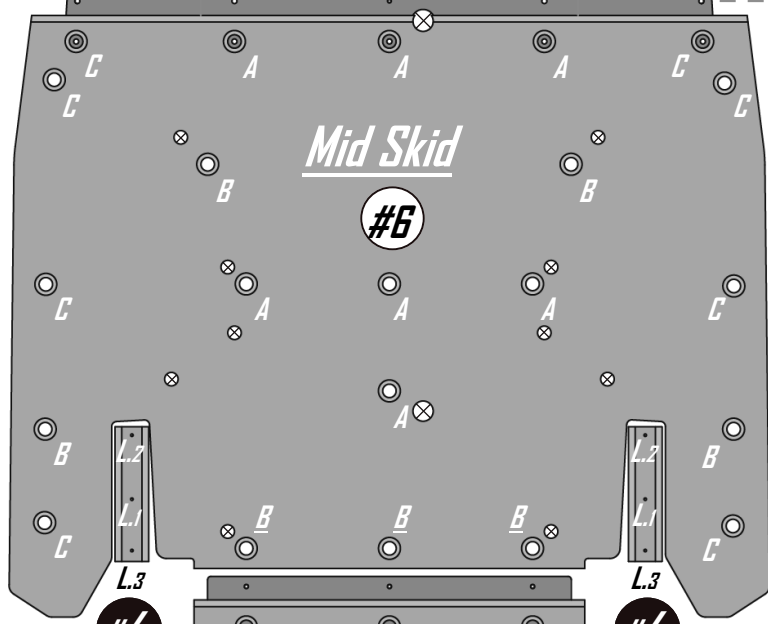
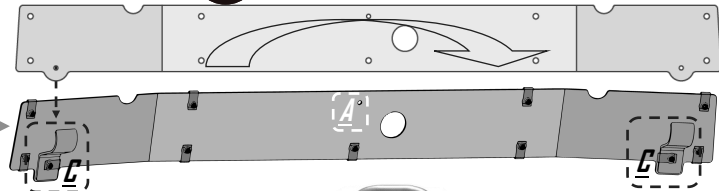
Re-attach with built in plastic clamps before skid installation



## Main Skid

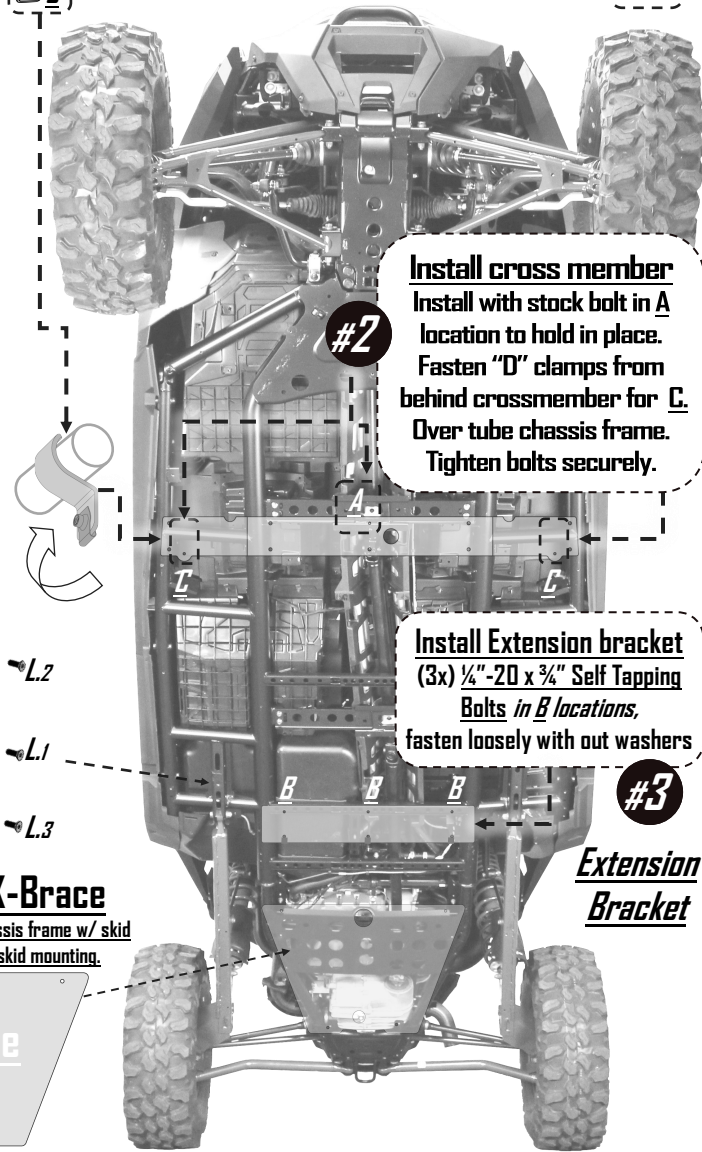
#7

## #2 Cross Member



## Mid Skid

#6



**Install cross member**  
Install with stock bolt in A location to hold in place.  
Fasten "D" clamps from behind crossmember for C. Over tube chassis frame. Tighten bolts securely.

#2

**Install Extension bracket**  
(3x) 1/4"-20 x 3/4" Self Tapping Bolts in B locations, fasten loosely with out washers

#3

## Extension Bracket



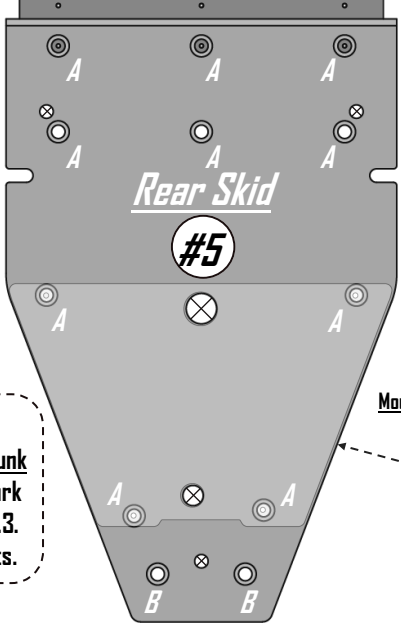
## Trailing Arm Fore Mount Guards

#4



## Trailing Arm Fore Mount Guards

#4

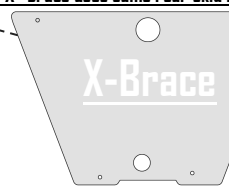


## Rear Skid

#5

## \*If Installing X-Brace

Mount in between skid and chassis frame w/ skid  
X- brace uses same rear skid mounting.



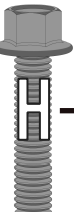




**Fore mount guard**  
(1x) 1/4"-20 x 3/4" Counter Sunk Bolt in (L1) locations. Mark Drill & Tap holes for L2, L3. Install Remaining (L) bolts.


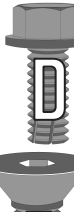



⊗ = Drainage Holes Do Not Use For Mounting

# Polaris RZR Pro XP 4 (2020 - 2021+) Skid Plate Hardware




**#5 Main Skid Large bag:**

-  **6x**  
1/4"-20 x 3/4" Self Tapping Bolt (#B-D:2)
-  **2x**  
M6- 1.0 x 20mm Flange Bolt (#B-A:5)
-  **4x**  
M6- 1.0 x 25mm Flange Bolt (#B-A:6)
-  **2x**  
M6- 1.0 x 30mm Flange Bolt (#B-A:7)
-  **11x**  
Countersunk Washers (#W-1)

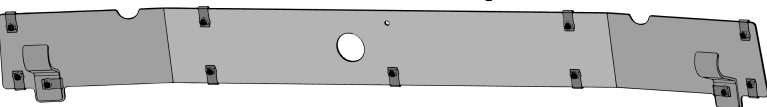


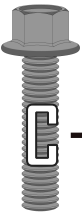
**#7 Front Diff Skid small bag:**

-  **2x**  
1/4"-20 x 1" Self Tapping Bolt (#B-D:3)
-  **2x**  
1/4"-20 x 1/2" Self Tapping Bolt (#B-D:1)
-  **1x**  
1/4"-20 x 3/4" Countersunk Bolt (#B-C:9)
-  **2x**  
1/4"-20 x 1 1/4" Countersunk Bolt (#B-C:2)
-  **4x**  
Countersunk Washers (#W-1)



**#5 Mid Skid Large bag:**

-  **7x**  
1/4"-20 x 3/4" Self Tapping Bolt (#B-D:2)
-  **8x**  
M6- 1.0 x 20mm Flange Bolt (#B-A:5)
-  **12x**  
Countersunk Washers (#W-1)


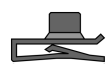
**Cross-member assembly (Attached to skid) :**

-  **1x**  
Pro XP 4 Cross-member (#E-B:14)
-  **11x**  
J-Clip (installed) (#N-13)
-  **2x**  
1 1/2" x 1 1/4" short "D" Clamps (#C-D:6)
-  **2x**  
M6- 1.0 x 20mm Flange Bolt (#B-A:5)


**#10 Rear Skid small bag:**

-  **2x**  
1/4"-20 x 3/4" Self Tapping Bolt (#B-D:2)
-  **2x**  
Countersunk Washers (#W-1)

**Extension Bracket assembly (Attached to skid) :**

-  **1x**  
Pro XP Extension Bracket (#E-B:13)
-  **3x**  
J-Clip (installed) (#N-13)

**#4 Fore arm guard small bag:**

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