

**Contact Us: *FACTORY UTV LLC***

9237 Beatty Drive Sacramento, CA 95826

Phone : (916) 383-2730

E-mail : [info@factoryutv.net](mailto:info@factoryutv.net)

Go online: [www.Factoryutv.net](http://www.Factoryutv.net)



## **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 R 4 (2022+)***



# Polaris RZR Pro R 4 (2022+) Skid Plate Instructions \*(See diagrams page 3)

#1

## Front Quarter Guards:

Remove stock skid plate & re-use stock hardware as needed in all (A:1 and A:2) locations during install.  
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:

Fasten cross member to UTV loosely. install with : (2x) "D" Clamps and (2x) M6- 1.0 x 20mm Flange Bolts in ( C ) locations.  
Bolt through crossmember, while fastening clamp over tube chassis. Tighten both ( C ) Bolts Securely before skid plate installation.

#3

## Extension Bracket

Install: (3x) M6- 1.0 x 20mm : stock A.1 bolts in ( A:1 ) locations loosely. Ensure J-clip tips are pointing inward towards UTV.  
Fasten all Bolts securely before skid plate installation.



#4

#5

## Mid and Main Skid Plate A :

**Mid Skid Plate:** Install first using: (13x) M6- 1.0 x 20mm: stock A.1 bolts in *Mid Skid: ( A:1 ) locations* loosely Fasten from rear to front. (for adjustments)  
*Remove and replace ( A:1 ) Bolts With washers as needed for extension bracket locations.*

Install: (5x) M6-1.0 x 20mm Flange Bolts in *Mid Skid: ( C ) locations.* — *Disregard B locations until further steps.*

**Main Skid Plate,** Align with Mid Skid Plate edge, install: (4x) M6- 1.0 x 20mm: stock A.1 bolts in *Main Skid: ( A:1 ) locations.* (Start in center)

Install: (2x) M6-1.0 x 35mm Flange Bolts in *Main Skid: ( E ) locations.* Install: (4x) M6-1.0 x 25mm Flange Bolts in *Main Skid: ( D ) locations.*

*Leave bolts loose for alignment and adjustments, fasten bolts securely when aligned. Disregard remaining B locations for later steps.*



\*(Align Edge)

#6

## Trailing Arm Fore Mount Guards:

Install with (1x) ¼"-20 x ¾" Countersunk Bolt in center ( L ) locations, \*( Note Direction of Guards )  
Mark, drill and tap remaining upper and lower ( L ) locations.

Install (2x) ¼"-20 x ¾" Countersunk Bolt in upper and lower ( L ) locations on each guard. Do Not Over Tighten.



#7

## Rear Skid Plate:

Align edge with main skid plate, Install: (6x) M6- 1.0 x 20mm: stock A.1 bolts in *Rear Skid: ( A:1 ) locations.*

*\*If installing with X-brace, install in-between skid and chassis frame before bolting in place. Back out bolts and re-install with washers.*

Install: (1x) M6-1.0 x 20mm Flange Bolts in *Rear Skid: ( C ) location,*

Install: (2x) M6-1.0 x 30mm Flange Bolts in *Rear Skid: ( F ) locations.*

Install: (2x) M6- 1.0 x 30mm: stock A.2 bolts in *Rear Skid: ( A:2 ) locations.*

*Fasten bolts loosely for alignment and adjustments, fasten all bolts securely when aligned.*

Mark, drill, tap and install (2x) ¼"-20 x ¾" Self Tapping Bolts for remaining ( B ) locations.



\*(Align Edge)

Skid will curve and bend up towards frame during install, Fasten a little on each side to aid install. Skid plate will form to vehicle over time.

#8

## Front Diff. Skid Plate :

Align edge with Main Skid, mark drill and tap (6x) ( B ) Front Diff. locations.

loosely install (6x) ¼"-20 x ¾" Self Tapping Bolts in ( B ) locations.

Align and adjust for best fit and fasten all bolts securely.

#9

## Mid and Main Skid Plate ( B ) Locations :

Mark, drill, tap and install (4x) ¼"-20 x ¾" Self Tapping Bolts for remaining Mid Skid Plate ( B ) locations.

Mark, drill, tap and install (6x) ¼"-20 x ¾" Self Tapping Bolts for remaining Main Skid Plate ( B ) locations.

#10

Ensure All Skid Plate Bots Are Fastened Securely Before Use.

## \* Drilling Instructions : \*

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

(one size above the commonly available 3/16<sup>th</sup> bit) Use of ¼"-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.

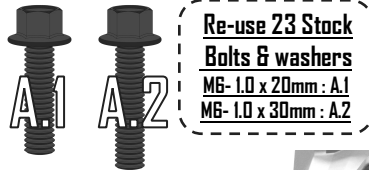
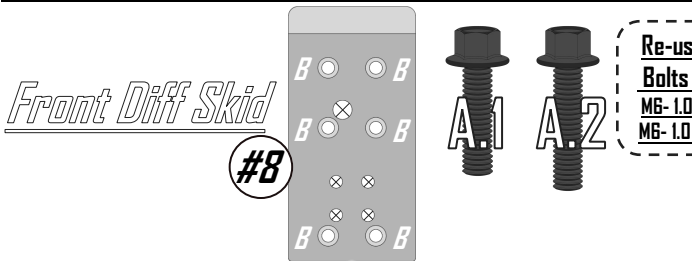


Installation may require the use of Clamps or a Car jack to aid with install.

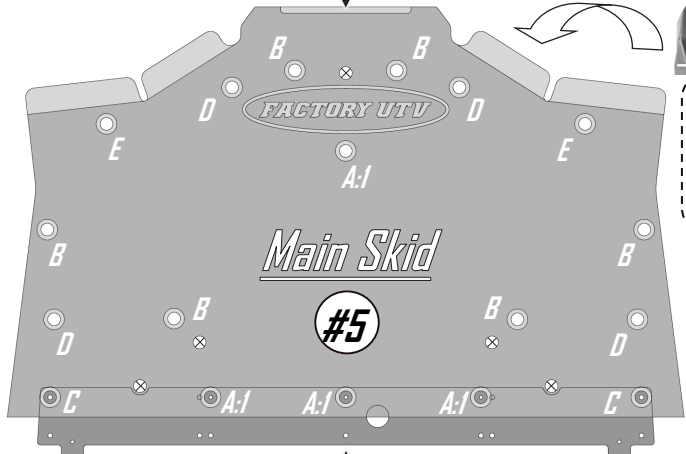
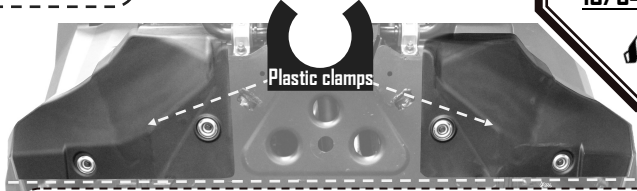
# Polaris RZR Pro R 4 (2022+) Skid Plate Installation

**Required:**

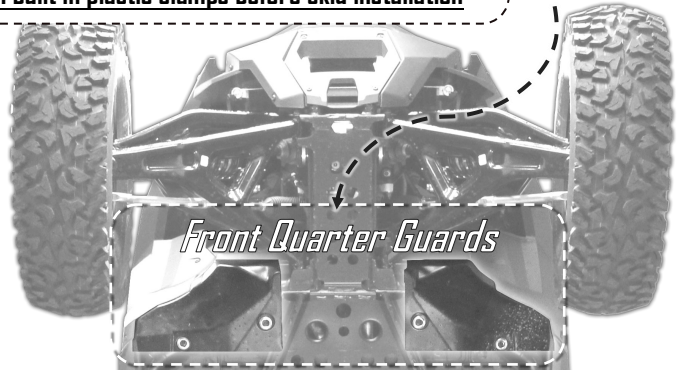
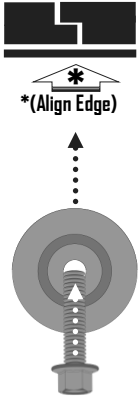
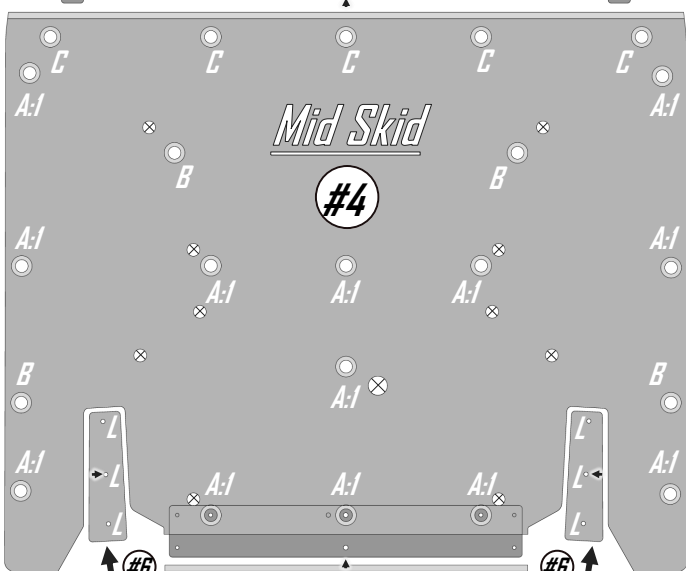
- = 10mm = 3/8
- = 5/32
- = 13/64<sup>th</sup>
- (1/4" -20) Tap



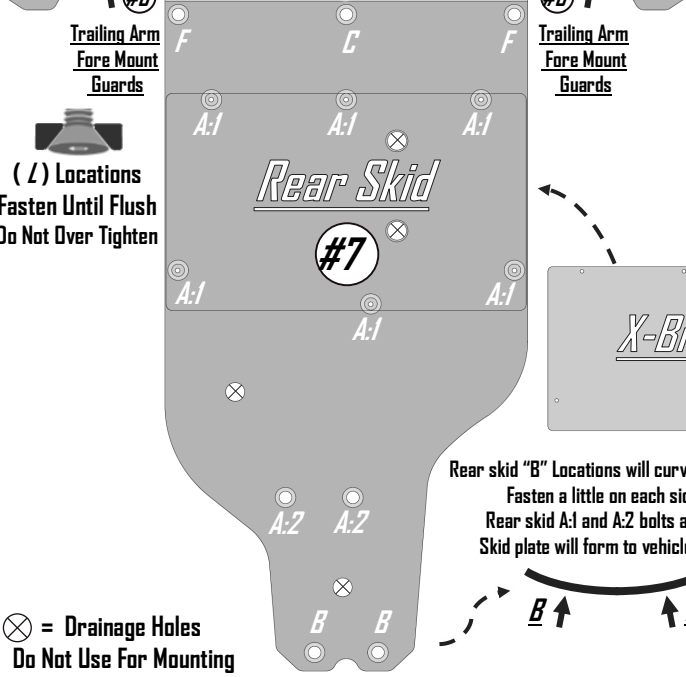
**Stock skid plate removal tips**  
 Use firm downward force to pop plastic clamps off chassis tubing.  
Re-use stock bolts.



**#1** 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

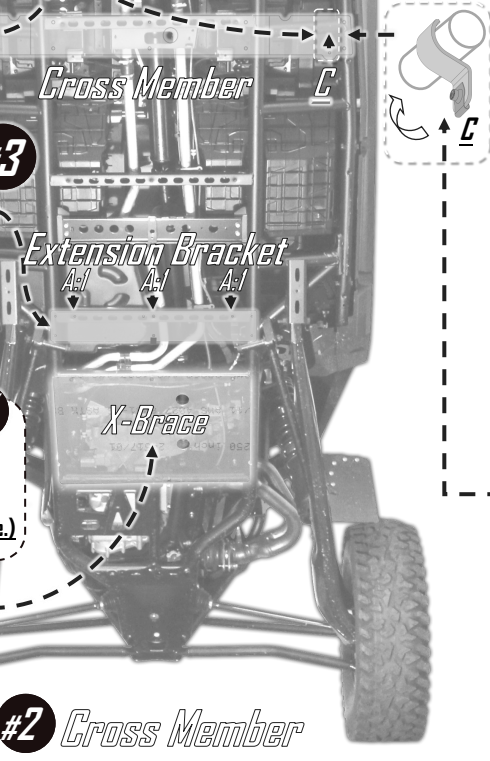


**#2** Install Cross Member  
 Fasten "D" clamps Over tubing behind crossmember in C locations

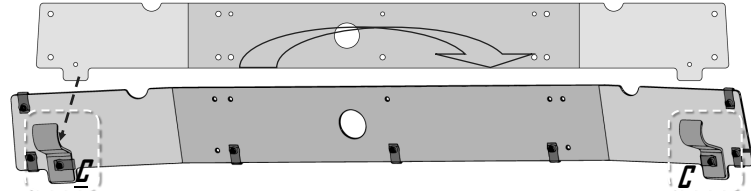


**#3** Install Extension bracket  
 (3x) M6- 1.0 x 20mm Stock A.1 Bolts in (A.1) locations, fasten loosely without washers

**#X** \* If: X-Brace Plate  
 (6x) M6- 1.0 x 20mm Stock A.1 Bolts fasten loosely without washers. (Mounts in between skid and chassis frame.)








Rear skid "B" Locations will curve skid upwards. Fasten a little on each side, after Rear skid A:1 and A:2 bolts are in place. Skid plate will form to vehicle over time.






= Drainage Holes  
 Do Not Use For Mounting

# Polaris RZR Pro R 4 (2022+) Skid Plate Hardware



**#4 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 35mm Flange Bolt (#B-A:8)
-  **14x**  
Counter Sunk Washers (#W-1)





**#5 Mid Skid Large bag:**

-  **4x**  
1/4"-20 x 3/4" Self Tapping Bolt (#B-D:2)
-  **5x**  
M6- 1.0 x 20mm Flange Bolt (#B-A:5)
-  **9x**  
Counter Sunk Washers (#W-1)


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

-  **6x**  
1/4"-20 x 3/4" Self Tapping Bolt (#B-D:2)
-  **6x**  
Counter Sunk Washers (#W-1)



**#7 Rear Skid small bag:**

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

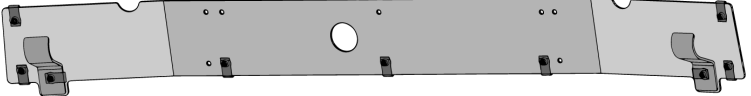


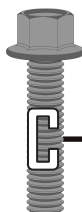
**#6 Fore arm guard small bag:**

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

**#3 Extension Bracket assembly**

-  **1x**  
Pro Extension Bracket (#E-B:17)
-  **1x**  
J-Clip (installed) (#N-13)

**#2 Cross-member assembly**

-  **1x**  
Pro 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)

\* If:

