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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 (Ultimate Package)**

***Polaris***

***RZR XP4 Turbo S*** (2019 - 2021+)



# Polaris RZR XP4 Turbo S (2019 - 2021+) Instructions

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

**- Turbo S Bracket :** Install with J-clip tips pointing up, towards vehicle. Align bracket edge with front differential plate, mark, drill and install: (2x)  $\frac{1}{4}$ "-20 x  $\frac{3}{4}$ " Self Tapping Bolts in center : ( C ) locations. (See drilling instructions below & diagram on pg.3)

**- Angle Brackets :** Thread stock, self tapping "A" bolts in to un-threaded holes in *Angle Bracket (A) locations*. (see pg.3) -  $\frac{1}{4}$ "-20 Tap Recommended

**- Cross Member :** Bolt (2x) "D" clamps w/ (2x) M6-1.0 x 20mm Flange Bolts to crossmember, over tubing in (E) locations. Use (1x) stock bolt in (A) location. Remaining (E) locations for used for skid plate install.

## #1 Mid and Main Skid Plate :

Install mid skid, then main skid using: (14x) stock bolts, in center of mid and main skid: ( A ) locations,

Install: (2x) M6-1.0 x 25mm Flange Bolts, with (2x) "D" Clamps in main skid: ( D ) locations.

Install: (2x) M6-1.0 x 25mm Flange Bolts, in mounting bracket main skid: ( D ) locations. Disregard side ( B ) bolt locations until later steps.



## #2 Rear Skid Plate :

\*(See Drilling Instructions Below)\* Align edge, mark, drill, and

Install: (6x)  $\frac{1}{4}$ "-20 x 1" Self Tapping Bolts in Rear skid: ( B ) locations.

Install: (2x)  $\frac{1}{4}$ "-20 x 1  $\frac{1}{2}$ " Self Tapping Bolts with (2x) - (S) Nylon Spacers in rear skid: ( G ) locations. Use of:  $\frac{1}{4}$ "-20 Tap Recommended



## #3 Front Diff. Skid Plate :

\*(See Drilling Instructions Below)\*

Align edge with main skid, mark, drill, and install: (2x)  $\frac{1}{4}$ "-20 x  $\frac{1}{2}$ " Self Tapping Bolts in front diff. skid: ( F ) locations.

Install: (2x)  $\frac{1}{4}$ "-20 x  $\frac{3}{4}$ " Self Tapping Bolts in front diff. skid: ( C ) locations.

Install: (2x)  $\frac{1}{4}$ "-20 x 1" Self Tapping Bolts in front diff. skid: ( B ) locations.

Double wall plating on front diff ( B ) locations: (see pg.3)

Drill  $\frac{5}{16}$ <sup>th</sup> clearance holes in first layer, then drill and/or tap smaller hole in backing layer for self tapping bolts.



## #4 Side Mounts ( B ):

\*(See Drilling Instructions Below)\*

Align, mark, drill, and Install: (8x)  $\frac{1}{4}$ "-20 x 1" Self Tapping Bolts in side main and mid skid : ( B ) locations.

### If Rock Sliders :

Use: (8x)  $\frac{1}{4}$ "-20 x 1  $\frac{1}{4}$ " Self Tapping Bolts, "RS" bolts in main skid : ( B\* ) locations.

In lieu of ( B ) side bolts (  $\frac{1}{4}$ "-20 x 1" Self Tapping Bolts ) install between skid and chassis frame.



## T:1 Trailing Arm Guards : ( T:1 )

Install: (5x)  $\frac{1}{4}$ " x 20 x 3" Hex Bolts W/ (10x)  $\frac{1}{4}$ " Zinc Washers, and (5x)  $\frac{1}{4}$ " x 20 Ny-Lock Nuts

In : ( T ) locations. (On each trailing arm guard).



## A:1 A-Arm Guards ( A:1 )

Install: (5x) 1" x 1  $\frac{3}{8}$ " "D" Clamps over A-Arm tubing,

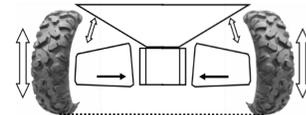
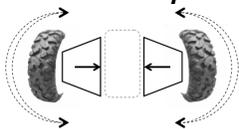
W/ (5x)  $\frac{1}{4}$ "-20 x 1  $\frac{1}{4}$ " Counter Sunk Bolts, (5x)  $\frac{1}{4}$ " Gold Washers, and (5x)  $\frac{1}{4}$ "-20 Ny-Lock Nuts For Each A-Arm in: ( A:1 ) locations.

Install bolts loosely during install for adjustment, Fasten bolt head flush and securely when complete, do not over tighten.

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

before Fastening 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 ) We recommend (  $\frac{1}{4}$ "- 20 ) Tap for drilled locations.

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

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

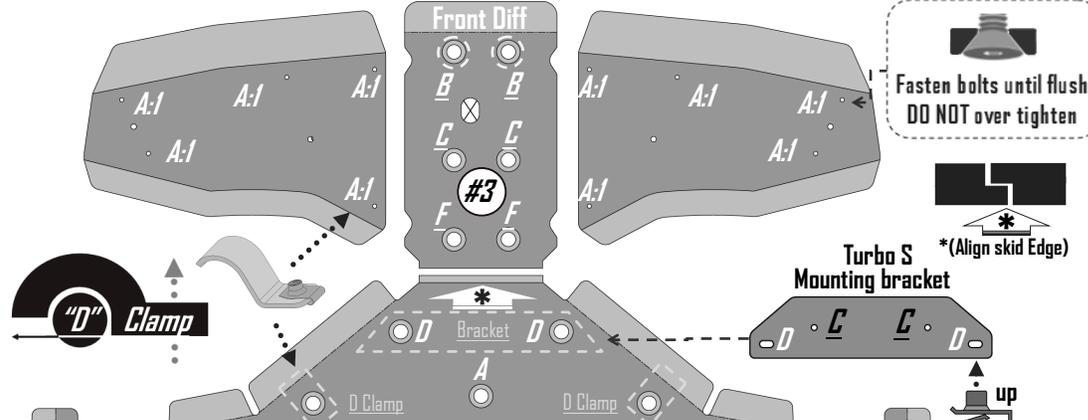
We strongly recommend the use of a "Thread Locking Compound" when installing any mounting hardware.

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

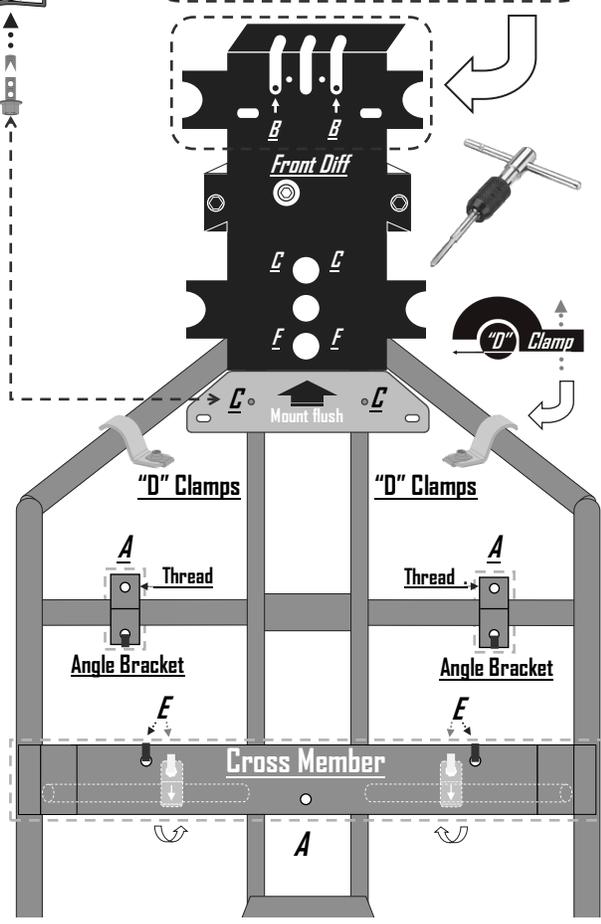
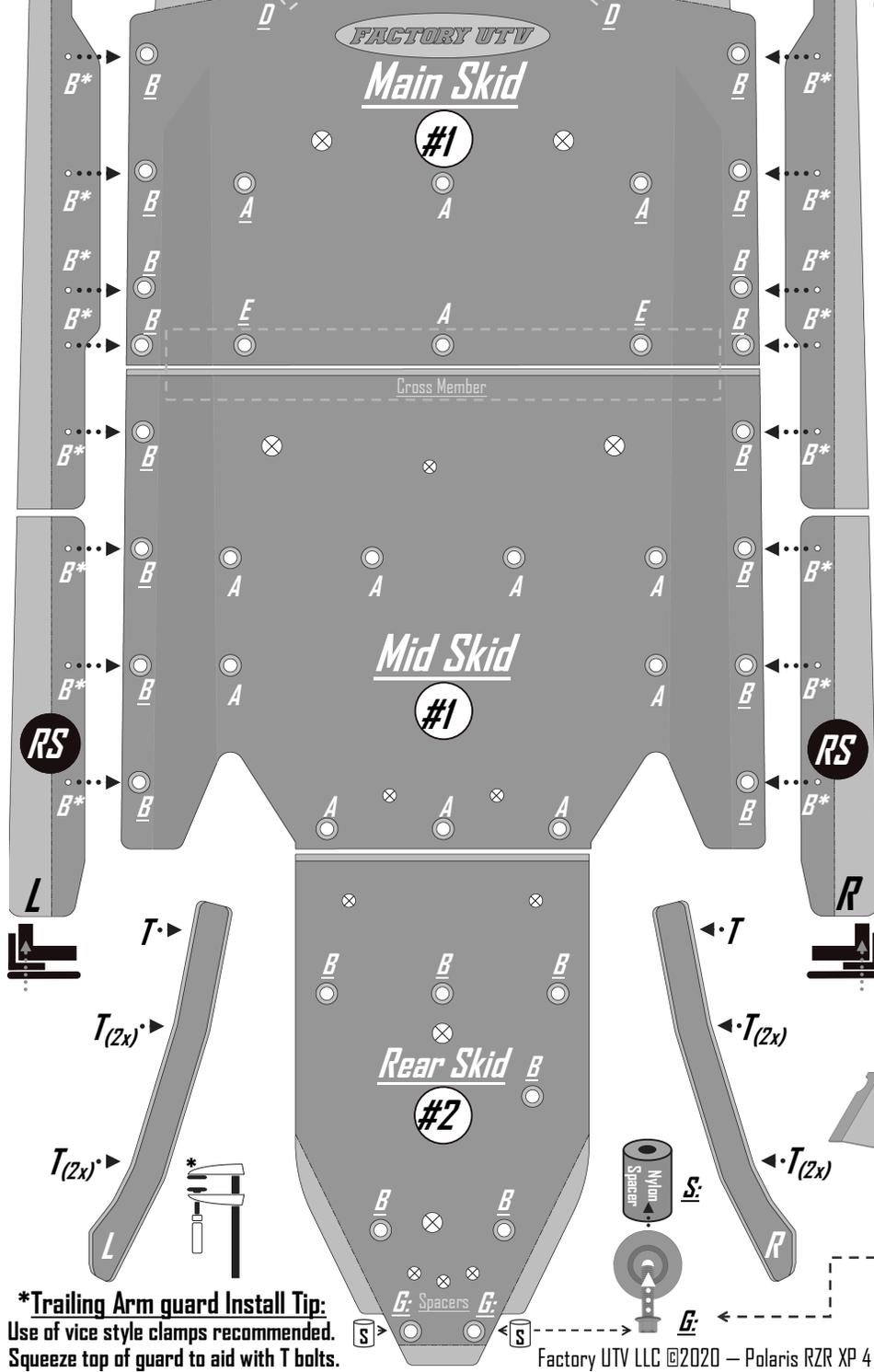


# Polaris RZR XP4 Turbo S (2019 - 2021+)

**Install brackets.**  
 Re-use stock hardware.  
 Tighten skid bolts loosely for install adjustments, fasten securely when complete.



**Front Diff Double Wall Plating:**  
 In Front 2x B Locations only  
 Carefully Drill  $\frac{5}{16}$ " clearance holes in first layer.  
 Drill and/or tap  $\frac{13}{64}$ " mounting hole, in backing plate before fastening bolts securely.



**$\frac{1}{4}$ "-20 Tap is Recommended for G locations**

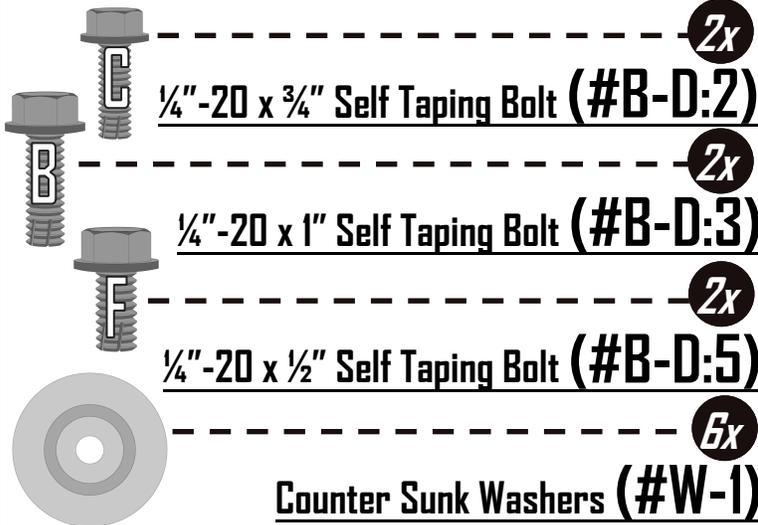
⊗ = Drainage Holes  
 Do Not Use For Mounting

# Polaris RZR XP4 Turbo S

(2019 - 2021+)

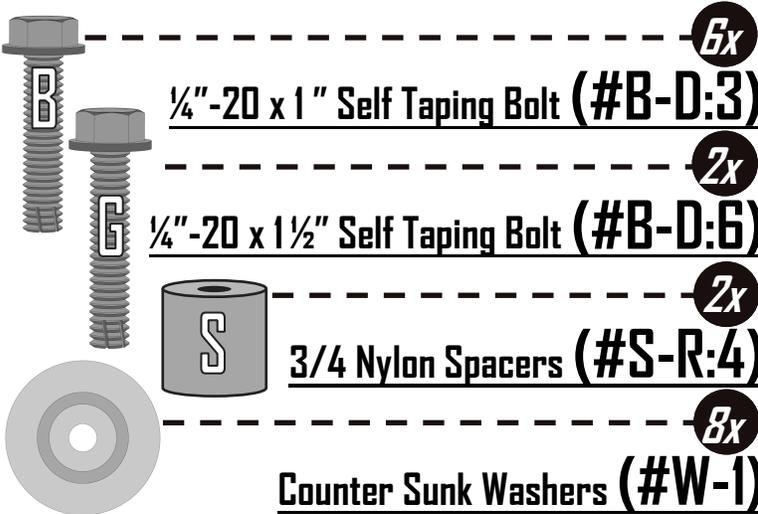
#3

## Front Diff Skid small bag:



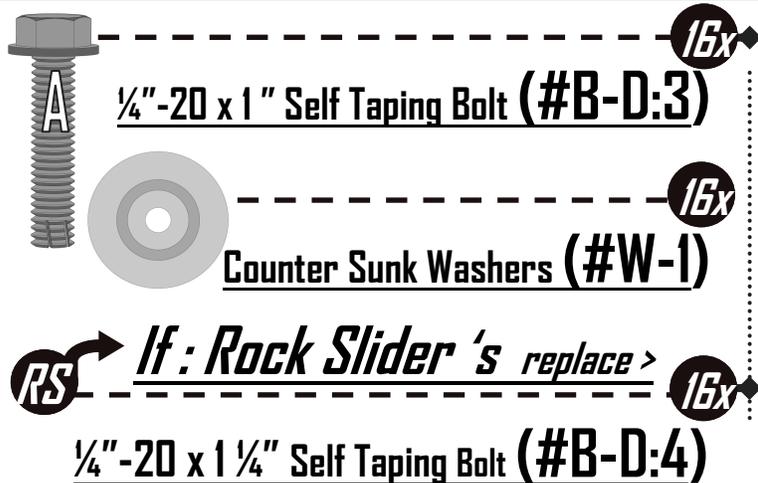
#2

## Rear Skid small bag:



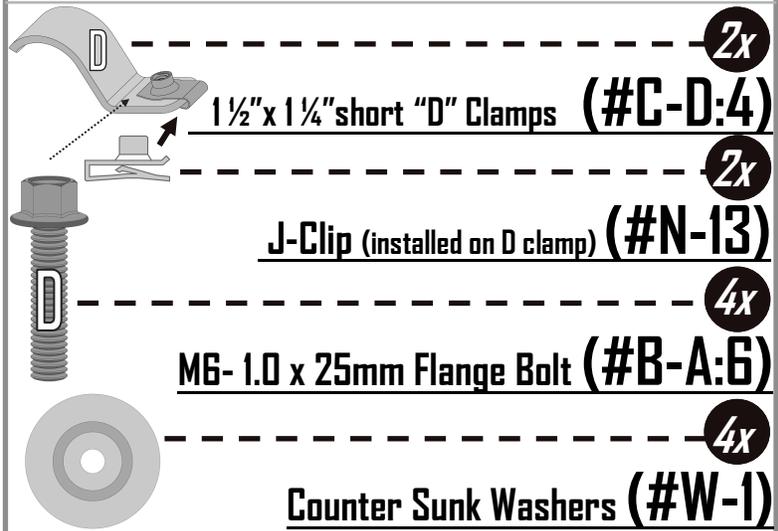
#4

## Side bolts small bag:



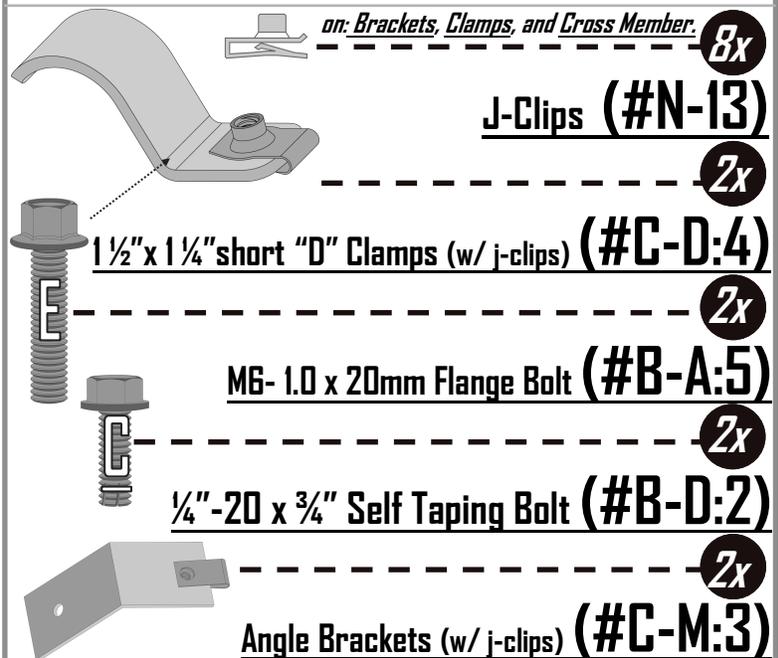
#5

## Main Skid Large bag:

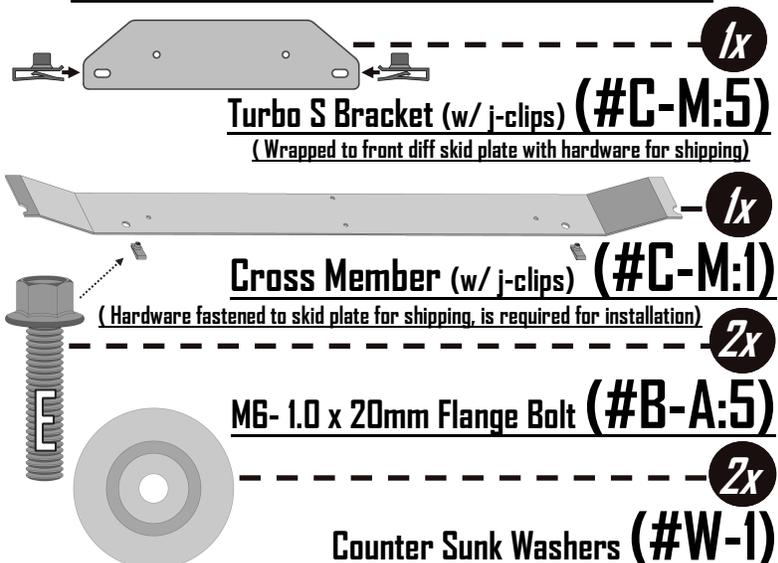


#6

## Mounting brackets



## Cross Member and Turbo S bracket



# Polaris RZR XP4 Turbo S (2019 - 2021+)

## A-Arm & Trailing Arm Guard Hardware kit

### Polaris RZR XP Turbo S (2019 - 2020+) Hardware

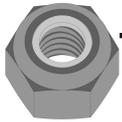
#### Trailing arm small bag:



----- 10x  
1/4"-20 x 3" Hex Flange Bolt (#B-H:8)



----- 20x  
Zinc Washers (#W-4)

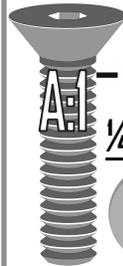


----- 10x  
1/4"-20 Ny-Lock Nut (#N-2)

#### A-Arms large bag:



----- 10x  
1" x 1 3/8" "D" Clamps (#C-D:8)



----- 10x  
1/4"-20 x 1 1/4" Counter Sunk Bolts (#B-C:2)



----- 10x  
1/4" sm Gold Washers (#W-3.0)



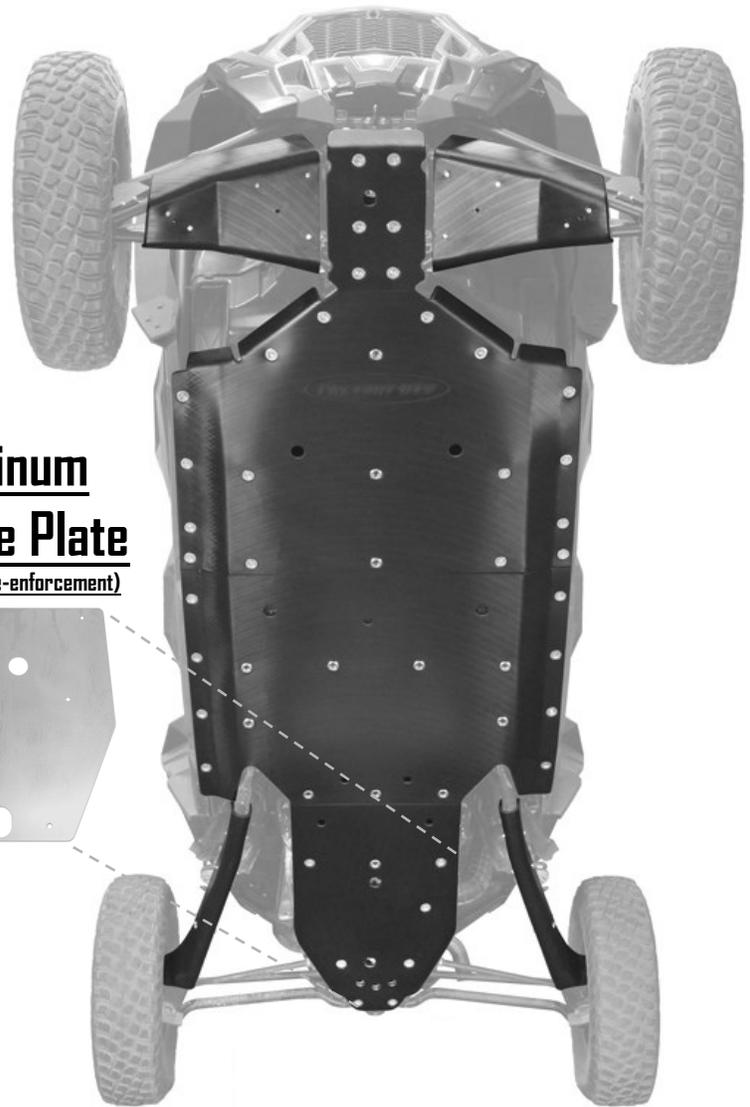
----- 10x  
1/4"-20 Ny-Lock Nut (#N-2)

**Go online to [www.FactoryUTV.net](http://www.FactoryUTV.net) and check out our other Turbo 4 S products:**

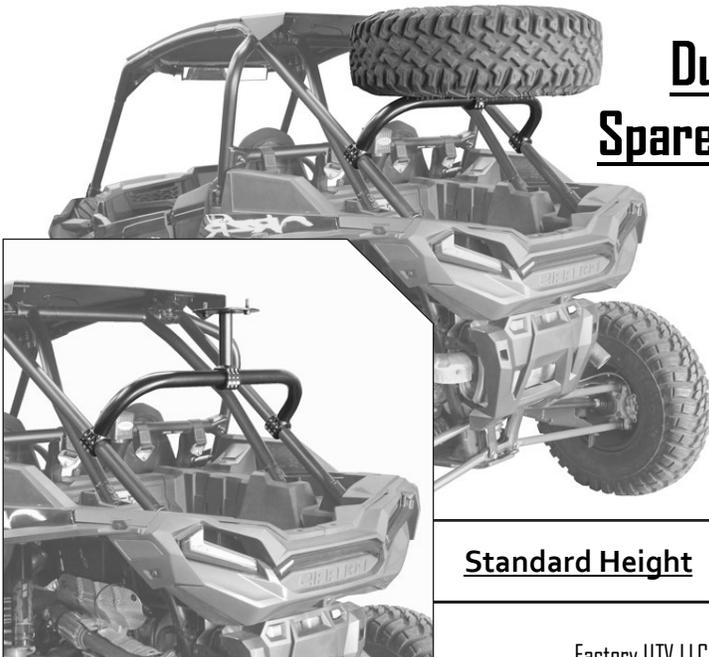
**Steel Front Bumper**  
**with UHMW Bash Plate**



**Aluminum**  
**X-Brace Plate**  
**(Rear diff skid re-enforcement)**

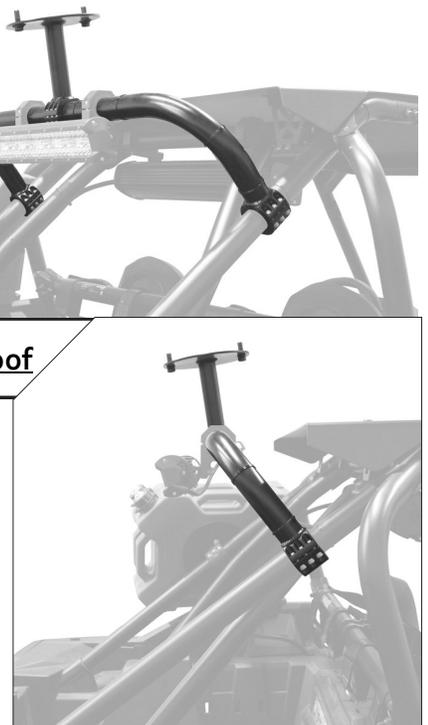


**Dual Clamp**  
**Spare Tire Mounts**



**Above The Roof**

If upgrading to an aftermarket wheel, contact us with the post measurement (see web page for details) and we can sell you just the post, to accompany your upgrade.



**Standard Height**