

**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 (Ultimate Package)**

# **Polaris**

## **Ranger XP 900 (2013 - 2018)**

*Skid plate Also fits Ranger XP 1000 (2017)  
and Ranger 570 "Full Size" (2015 - 2016)*



# Polaris Ranger XP 900 (2013 - 2018) instructions

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

-Bend front metal frame tab inwards with mallet , see: chassis diagram pg.3.

**#1**

## Main Skid Plate :

Install using : (12x) Stock Bolts & Washers (M6- 1.0 x 20mm Flange Bolts) *in Main Skid: ( A ) locations,*  
*\*(See Drilling Instructions Below)\* Mark, drill and install: (8x) ¼"-20 x ¾" Self Tapping Bolts*  
*in Main Skid : ( B ) locations. If you have rock sliders, skip \*B locations and see: \*If Rock sliders below.*

**RS**

## \*If Rock Sliders :

With center skid plate bolts installed, Mark, and drill in *main skid : (\*B) locations.* *\*(See Drilling Instructions Below)\**  
*Install Rock sliders in-between skid plate and chassis Frame.*

Install: (8x) ¼"-20 x 1 ¼" Self Tapping Bolts *In main skid : (\*B) 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 chassis, between hump and flat areas. (See chassis diagram pg.3)*

*(Mount forward bolts first, to aid positioning of rear skid and chassis frame.)*

**#3**

## Front Diff. Skid Plate :

*-Bend front metal frame tab inwards with mallet , 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 Diff. Skid : ( B ) locations.*

**R**

## Rear A-Arm Guards :

Install : (1x) ¼"-20 x 1" Counter Sunk Bolts W/(1x) ¼" Zinc Washers, and (1x) ¼"x 20 Ny-Lock Nuts  
*In : ( H ) locations. (on Each Rear A-Arm Guard).*

Drill and Install Remaining : (2x) ¼"-20 x 2 ¼" Counter Sunk Bolts W/(2x) ¼" Zinc Washers,  
and (2x) ¼"x 20 Ny-Lock Nuts *In : ( G ) locations. (on Each Rear A-Arm Guard).*

**A**

## Front A-Arm Guards :

*( 2014 - 2018 ) : Install : (3x) 1 x 1" "D" clamps over A-Arm tubing with (3x) ¼"-20 x 1 ¼" Counter Sunk Bolts,*  
*(3x) ¼" Gold Washers, and (3x) ¼"-20 Ny-Lock Nuts in: ( D ) locations. (on Each A-Arm Guard)*

Install : (1x) ¼"-20 x 1 ½" Counter Sunk Bolts, with (1x) ¼" Gold Washers, and (1x) ¼"-20 Ny-Lock Nut  
through stock mounting holes *in: ( E ) locations. (on Each A-Arm Guard)*  
*{ 2013 models : Use Same "D" Hardware for all locations }*

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

*Before Fastening ALL Bolts Securely Do not overtighten counter sunk bolts*

## \* Drilling Instructions : \*

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

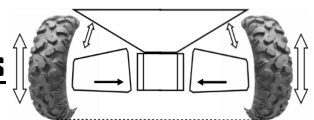
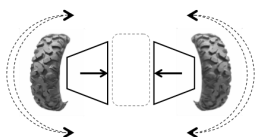
(one size above the commonly available 3/16<sup>th</sup> bit) Recommended ¼"- 20 Tap \*( Optional )

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.

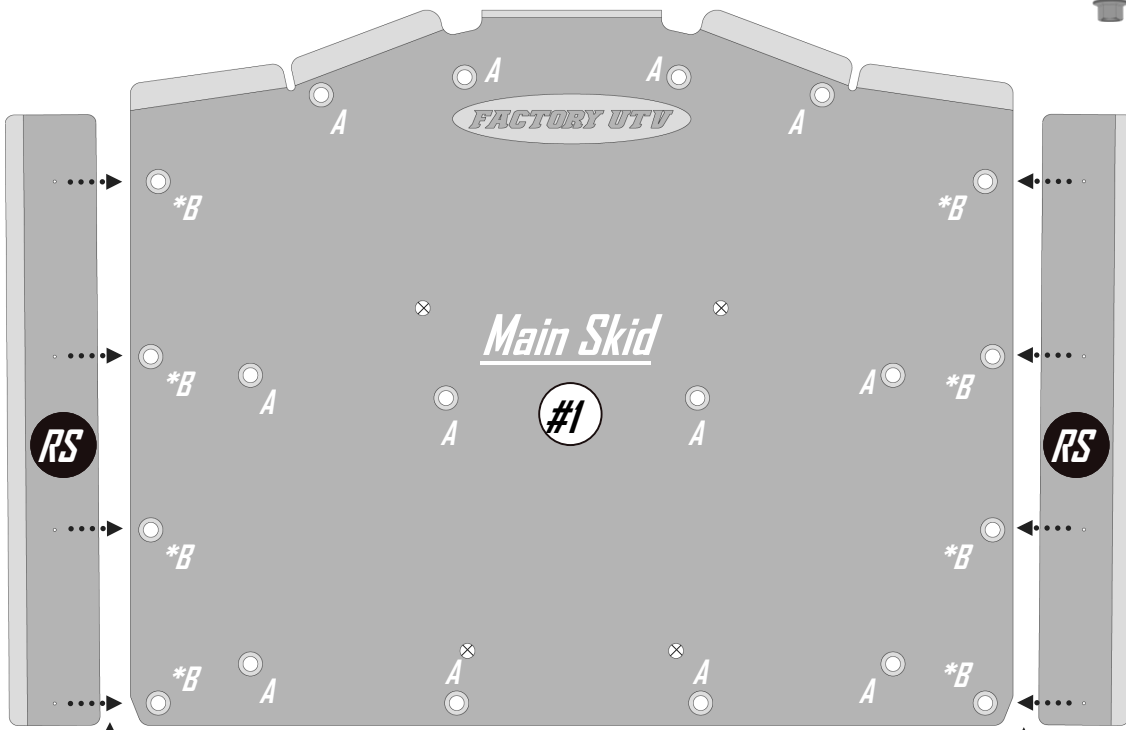
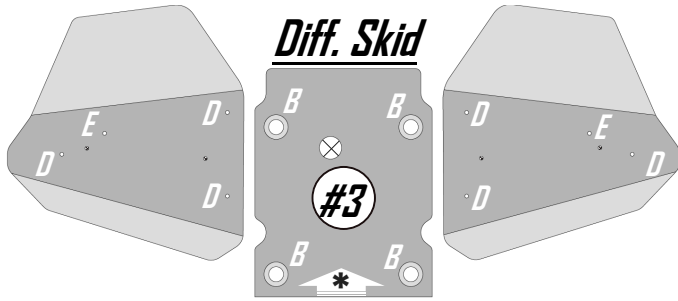
( When installation is complete , ensure all bolts are fastened securely.)



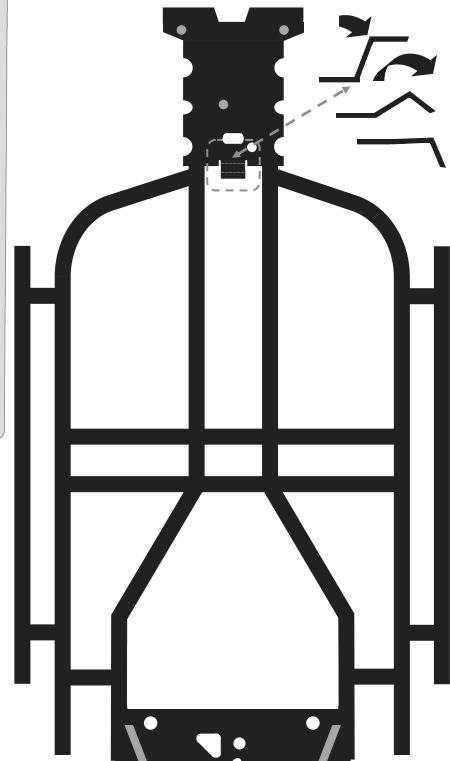
# Polaris Ranger XP 900/1000 (2013-2018)

Skid plate Also fits Ranger XP 1000 (2017)  
and Ranger 570 "Full Size" (2015-2016)

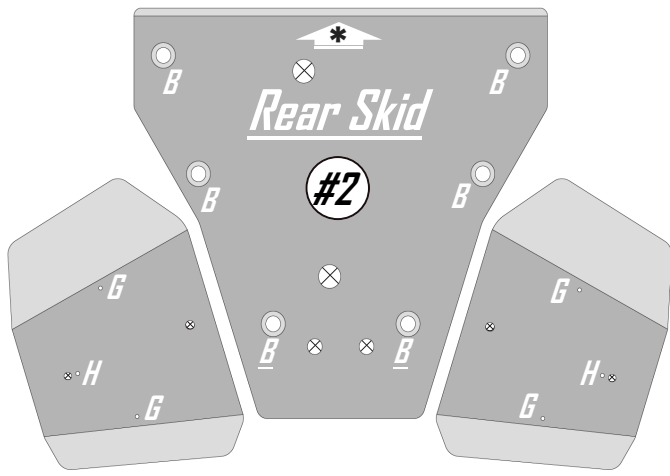
**Read :**  
Instructions on pg.#2  
Remove stock skid plate,  
Reuse hardware as needed  
for A locations.  
See drilling instructions  
prior to drilling.



Bend center Tab flat  
Inwards with mallet



Install  
Rock sliders  
in-between  
skid and chassis  
frame



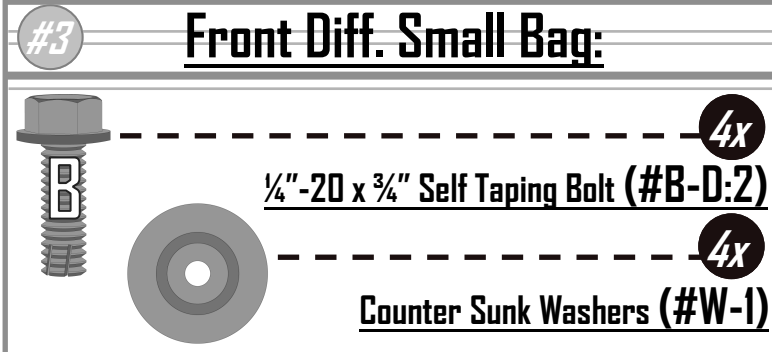
Drill in to crease  
for rear 2x "B" locations

⊗ = Drainage Holes  
Do Not Use For Mounting

# Polaris Ranger XP 900 (2013 - 2018) Hardware

Skid plate Also fits Ranger XP 1000 (2017)  
and Ranger 570 "Full Size" (2015-2016)

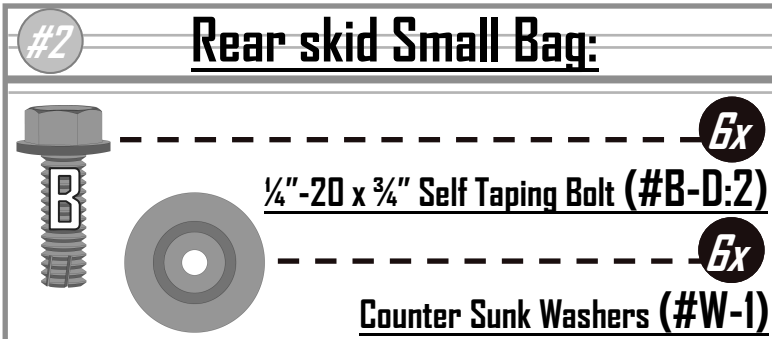
**#3** Front Diff. Small Bag:



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

4x  
Counter Sunk Washers (#W-1)

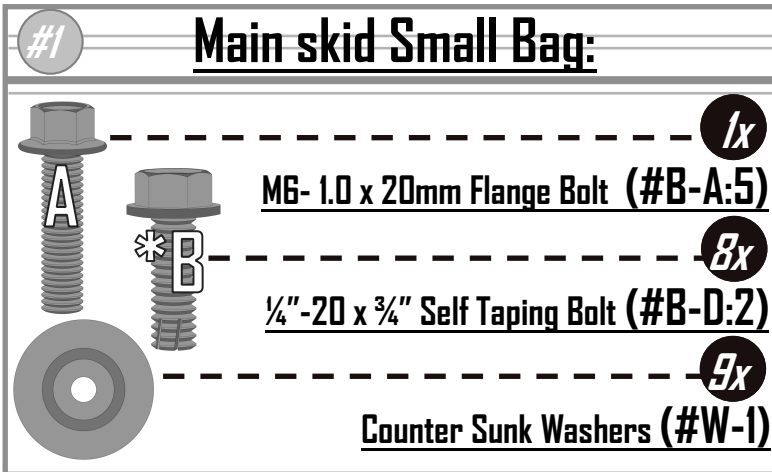
**#2** Rear skid Small Bag:



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

6x  
Counter Sunk Washers (#W-1)

**#1** Main skid Small Bag:

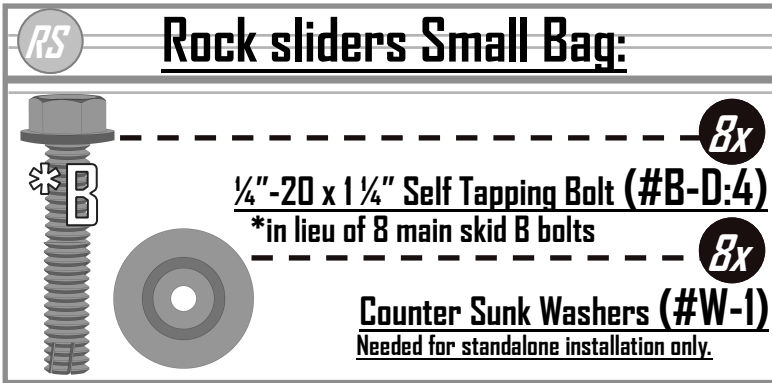


1x  
M6- 1.0 x 20mm Flange Bolt (#B-A:5)

8x  
1/4"-20 x 3/4" Self Taping Bolt (#B-D:2)

9x  
Counter Sunk Washers (#W-1)

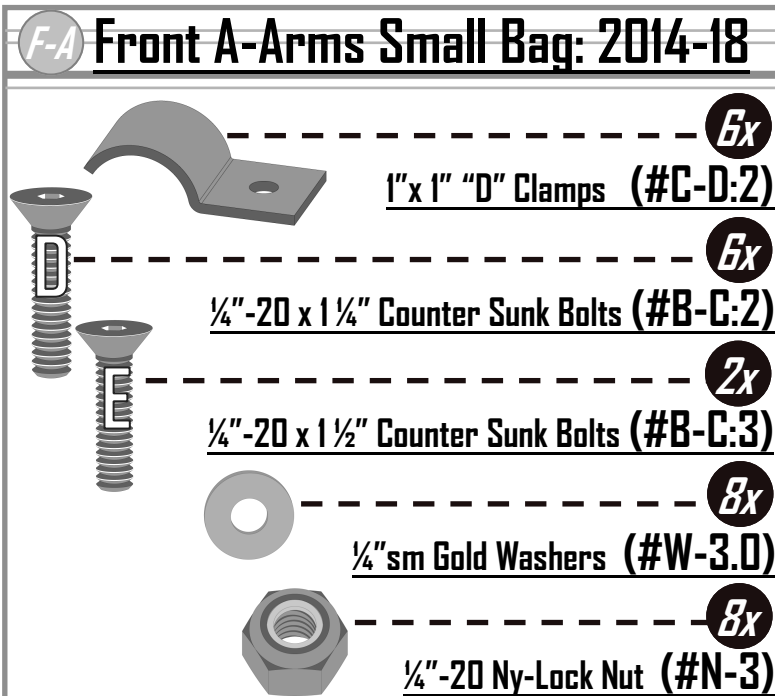
**RS** Rock sliders Small Bag:



8x  
1/4"-20 x 1 1/4" Self Taping Bolt (#B-D:4)  
\*in lieu of 8 main skid B bolts

8x  
Counter Sunk Washers (#W-1)  
Needed for standalone installation only.

**F-A** Front A-Arms Small Bag: 2014-18



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

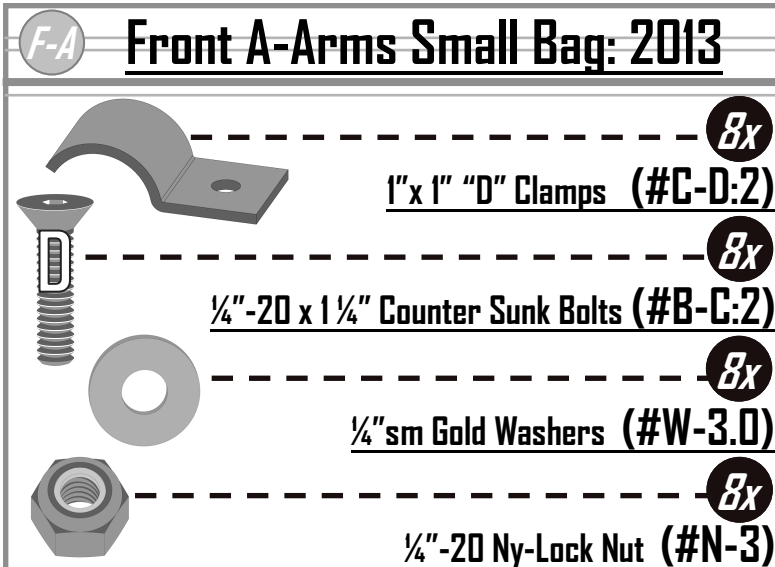
6x  
1/4"-20 x 1 1/4" Counter Sunk Bolts (#B-C:2)

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)

**F-A** Front A-Arms Small Bag: 2013



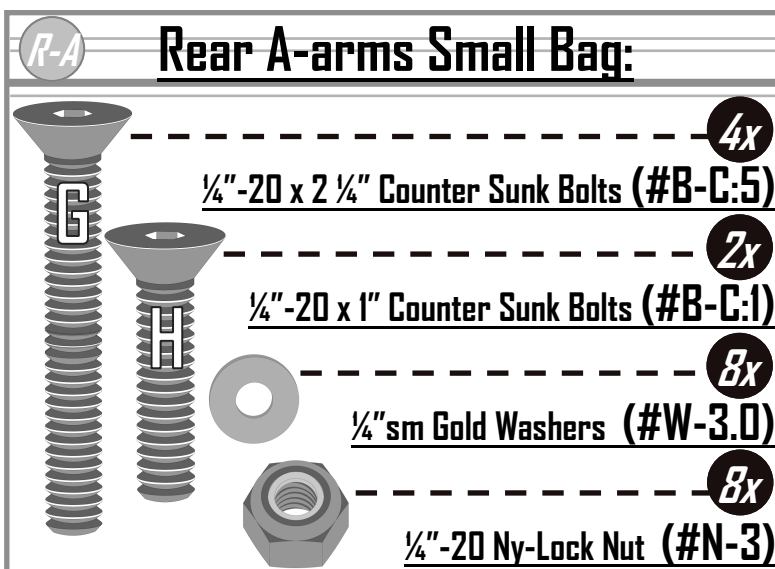
8x  
1"x 1" "D" Clamps (#C-D:2)

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

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

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

**R-A** Rear A-arms Small Bag:



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

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

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

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