

Contact Us: *FACTORY UTV LLC*

9237 Beatty Drive Sacramento, CA 95826

Phone : (916) 383-2730

E-mail : info@factoryutv.net

Go online: 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 1000 (2018-2020+)



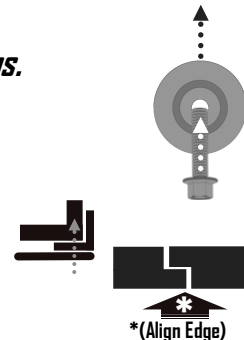
Polaris Ranger XP 1000 (2018-2020+) instructions

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

- #1** Main Skid Plate :
Install using : (10x) Stock Bolts & Washers (M6- 1.0 x 20mm Flange Bolts) *in Main Skid: (A) locations,*
**(See Drilling Instructions Below)* Mark, drill and install: (4x) ¼"-20 x ¾" Self Tapping Bolts in Main Skid : (B) locations.*
Install: (6x) M6- 1.0 x 25mm Flange Bolts *in Main Skid : (C) locations.*

**Mark, drill, and Install: (8x) ¼"-20 x ¾" Self Tapping Bolts in Main Skid : (B) locations.*

- RS** If Rock Sliders :
Install: (6x) M6- 1.0 x 30mm Flange Bolts *in Main Skid / Rock slider : (C) locations.*
Place Rock slider in-between skid and chassis Frame.



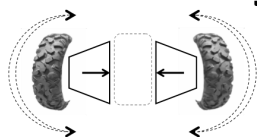
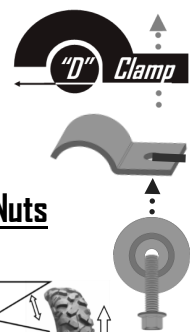
- #2** Diff. Skid Plate :
Bend front tab inwards, see: chassis diagram pg.3. *(See Drilling Instructions Below)*
Align edge with Main Skid. Mark, drill and install: (4x) ¼"-20 x ¾" Self Tapping Bolts *in Diff. Skid : (B) locations.*

- #3** 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.)

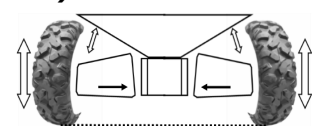


- G** Rear A-Arm Guards : (G)
Install : (4x) ¼"-20 x 2 ¼" Counter Sunk Bolts W/ (4x) ¼" Zinc Washers, and (4x) ¼" x 20 Ny-Lock Nuts
In : (G) locations. (on Each Rear A-Arm Guard).

- 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 (13/64th) drill bit,

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

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

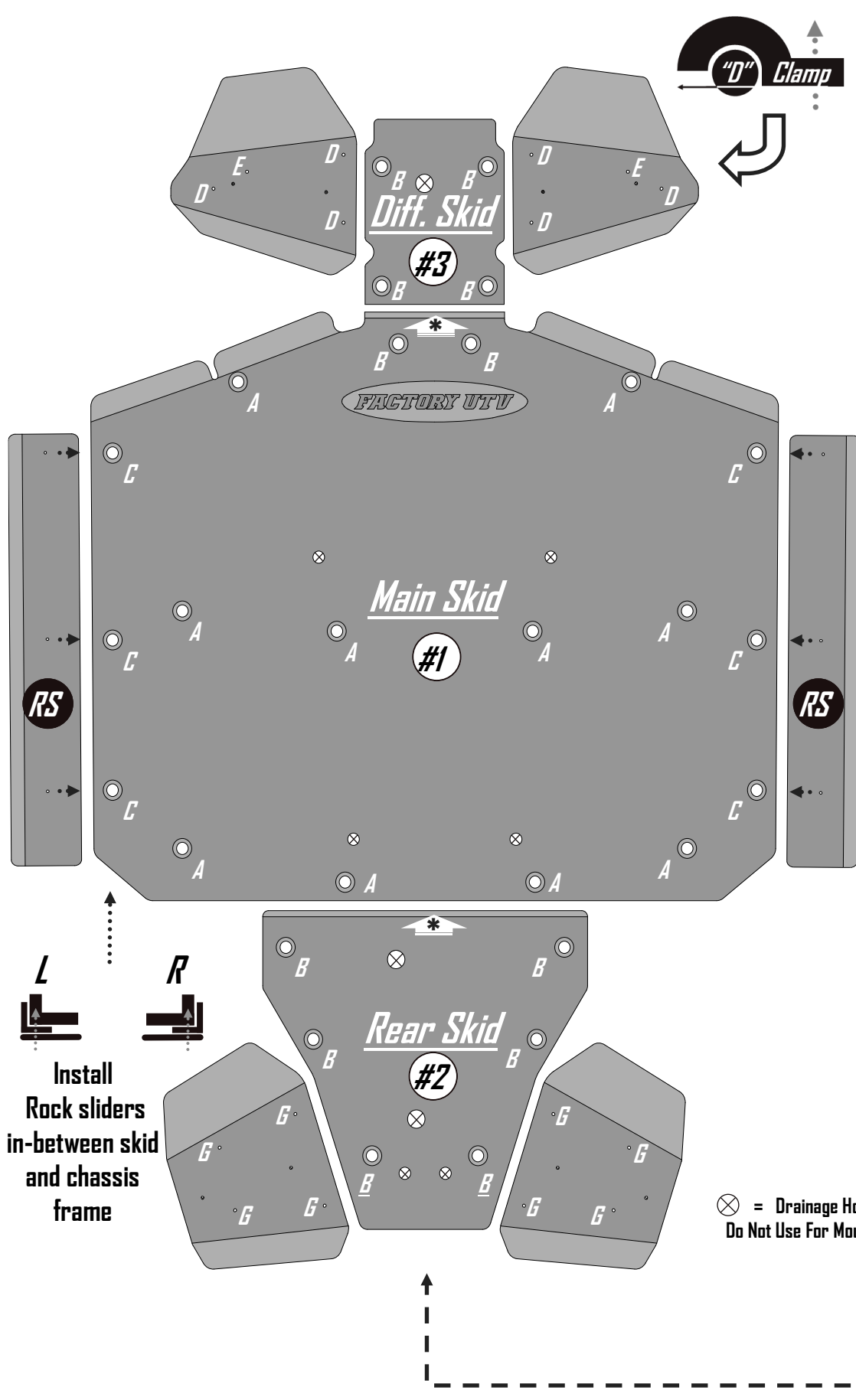
Finger Thread All Bolts Prior To Fastening Securely With Power Tools.

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

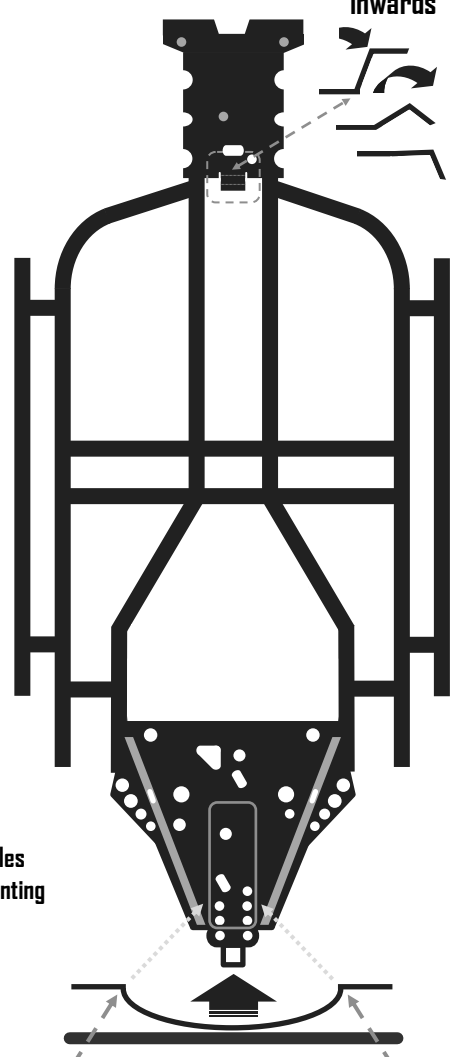
(When installation is complete , ensure all bolts are fastened securely.)

Polaris Ranger XP 1000 (2018-2020+) installation

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.



Bend Tab
inwards



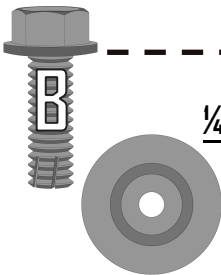
⊗ = Drainage Holes
 Do Not Use For Mounting

Drill in to create
 for rear "B" locations

L **R**
 Install
 Rock sliders
 in-between skid
 and chassis
 frame

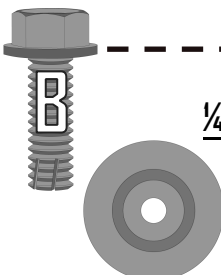
Polaris Ranger XP 1000 (2018-2020+) Hardware

#3 Front Diff. Small Bag:



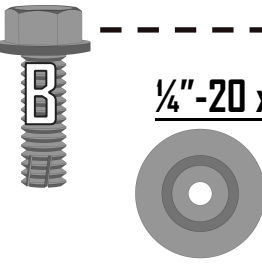
4x
 1/4"-20 x 3/4" Self Taping Bolt (#B-D:2)
 4x
 Counter Sunk Washers (#W-1)

#2 Rear skid Small Bag:



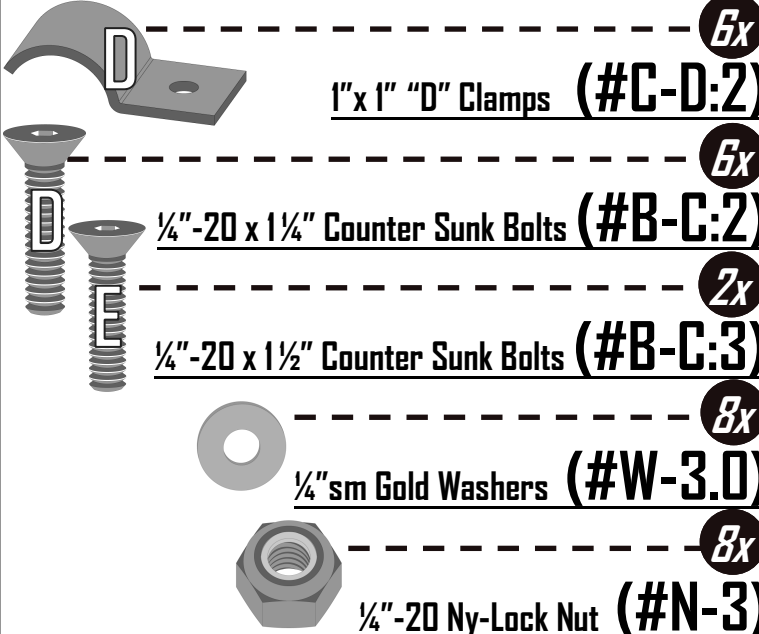
6x
 1/4"-20 x 3/4" Self Taping Bolt (#B-D:2)
 6x
 Counter Sunk Washers (#W-1)

#1 Main skid Small Bag



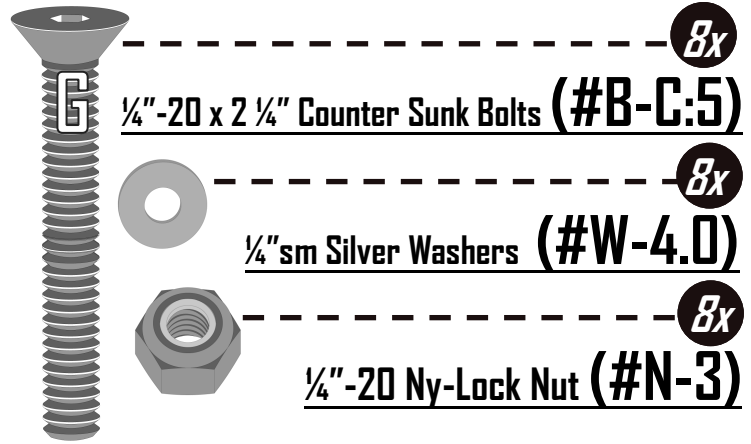
2x
 1/4"-20 x 3/4" Self Taping Bolt (#B-D:2)
 2x
 Counter Sunk Washers (#W-1)

F-A Front A-Arms Small 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)

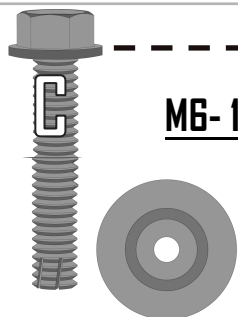
#5 Rear A-Arms Small Bag:



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)

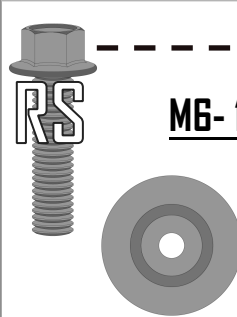
***if Rock sliders use RS hardware**

S Side bolts Small Bag:



6x
 M6- 1.0 x 20mm Flange Bolt (#B-A:5)
 6x
 Counter Sunk Washers (#W-1)

RS *If Rock sliders Small Bag:



6x
 M6- 1.0 x 30mm Flange Bolt (#B-A:7)
 *in lieu of 6 main skid C bolts
 6x
 Counter Sunk Washers (#W-1)
 Needed for standalone installation only.