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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***

***Sportsman ACE 150* (2017+)**



# Polaris Sportsman ACE 150 (2017+) Instructions

#0

Remove stock Chain Guard on rear of swingarm.



#1

## Main Skid Plate :

Install using: (6x) (#.2) "D" clamps w/ (6x) M6 1.0 x 20mm flange bolts in main skid: (D<sub>2</sub>) locations.

Hold "D" clamps in place over tube frame during installation, finger tighten loosely to allow for adjustments.

\*(See Drilling Instructions Below)\* After checking for clearance in (B) locations. \*(See Stock Chassis Diagram pg.3)

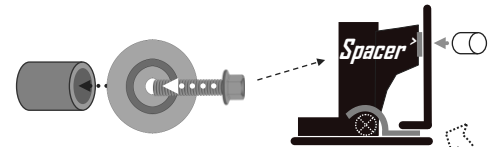
Drill and install: (4x) 1/4"-20 x 3/4" Self Tapping Bolts in Main Skid: (B) locations.

#2

## Front Diff. Skid Plate :

Install: (1x) 1/4"-20 x 3/4" Flange Bolt w/ (1x) 3/8" large Zinc Washer and (1x) 1/4"-20 Ny-Lock Nut in Diff. Skid: (E) location.

install: (1x) 1/4"-20 x 2 1/4" Hex Bolt w/ (1x) 1-1/2" Nylon Spacer, (1x) 1/4" Gold Washers, and (1x) 1/4"-20 Ny-Lock Nut in Diff. Skid: (F<sub>1-1/2</sub>) location.



#3

## Rock sliders :

Use: (4x) M6 1.0 x 30mm flange bolts in "RS": (C) locations. \*Note: { 3/8" & 5/8" } steel spacer placement.

Rocksliders will slip between main skid and frame. Bottom lip of rock slider will sit on top of "D" clamps.

May need to loosen (D<sub>2</sub>) bolts in main skid for adjustment. Once rock sliders are in place, fasten All bolts securely.

#4

## Swingarm Guard : \*( Remove stock chain guard)

Check for drilling clearance in (I) locations. Using stock drain holes as a guide, drill a 9/32" hole trough frame rails.

Install: (2x) 1/4"-20 x 2 1/2" Counter Sunk Bolts in Swingarm guard: (I) locations.

install: (1x) 1/4"-20 x 1 1/2" Counter Sunk Bolt with (1x) 1/2" Nylon spacer, (1x) 1/4" Gold Washer, and (1x) 1/4"-20 Ny-Lock Nut in Swingarm guard: (H<sub>1/2</sub>) locations.

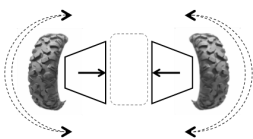
Install: (1x) 1/4"-20 x 1 1/4" Counter sunk bolt using either (#.1) and (#.2) "D" clamps with (1x) 1/4" Gold Washers and (1x) 1/4"-20 Ny-Lock Nut in each Swingarm guard: (G<sub>1</sub>, G<sub>2</sub>) locations.

A:1

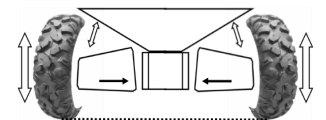
## A-Arm Guards (A<sub>1</sub>)

Install : (1x) (#.1) "D" clamp over A-Arm tubing w/ (1x) 1/4"-20 x 1 1/4" Counter Sunk Bolt,

(1x) 1/4" Gold Washer, and (1x) 1/4"-20 Ny-Lock Nut in each A-Arm guard: (A<sub>1</sub>) location.



\* Ensure Clearance For Turn Radius & Vertical Travel  
Before Fastening ALL Bolts 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) Recommended 1/4"- 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.

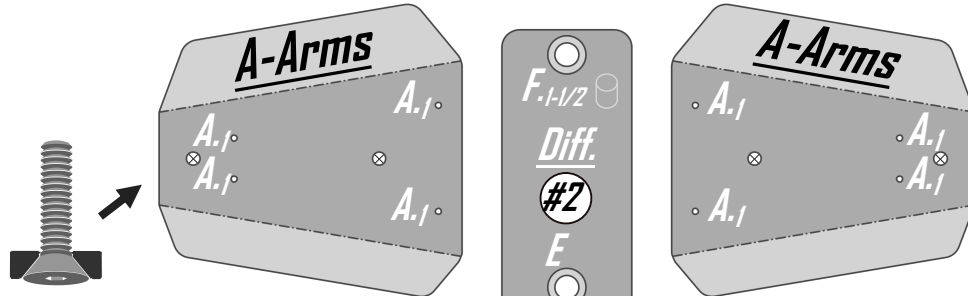
We strongly recommend the use of a "Thread Locking Compound" when installing any mounting hardware.

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

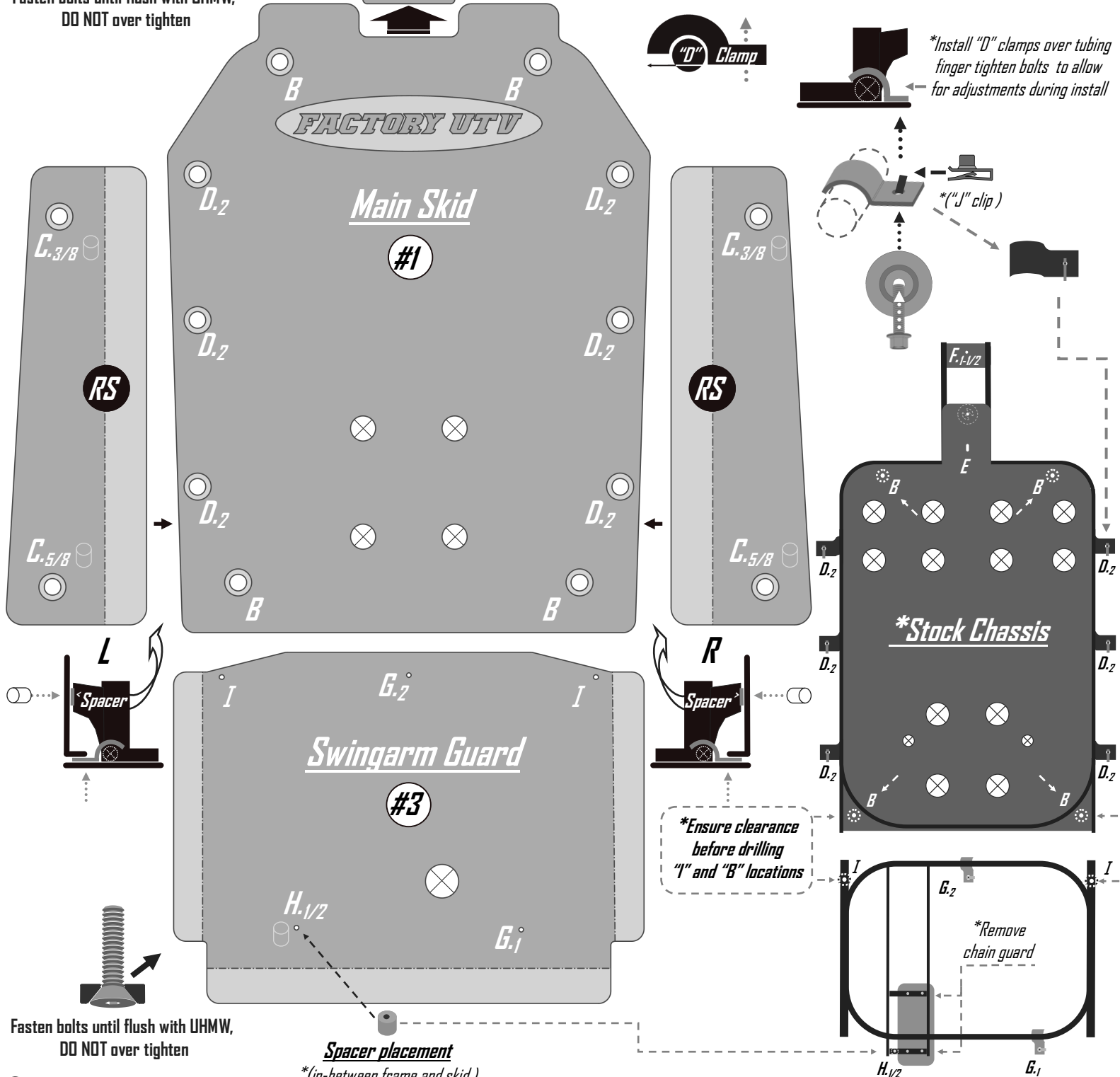


# Polaris Sportsman ACE 150 (2017+)

**Remove stock chain guard.**  
 See drilling instructions.  
 Use counter sunk washers in counter sunk holes.  
 Ensure bolts are Secure when complete



Fasten bolts until flush with UHMW, DO NOT over tighten



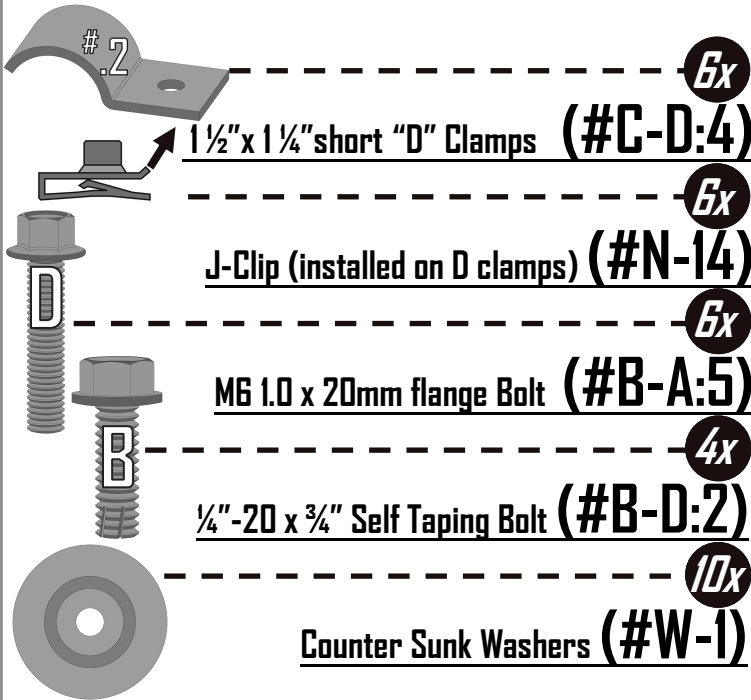
Fasten bolts until flush with UHMW, DO NOT over tighten

**Spacer placement**  
 \*(in-between frame and skid)

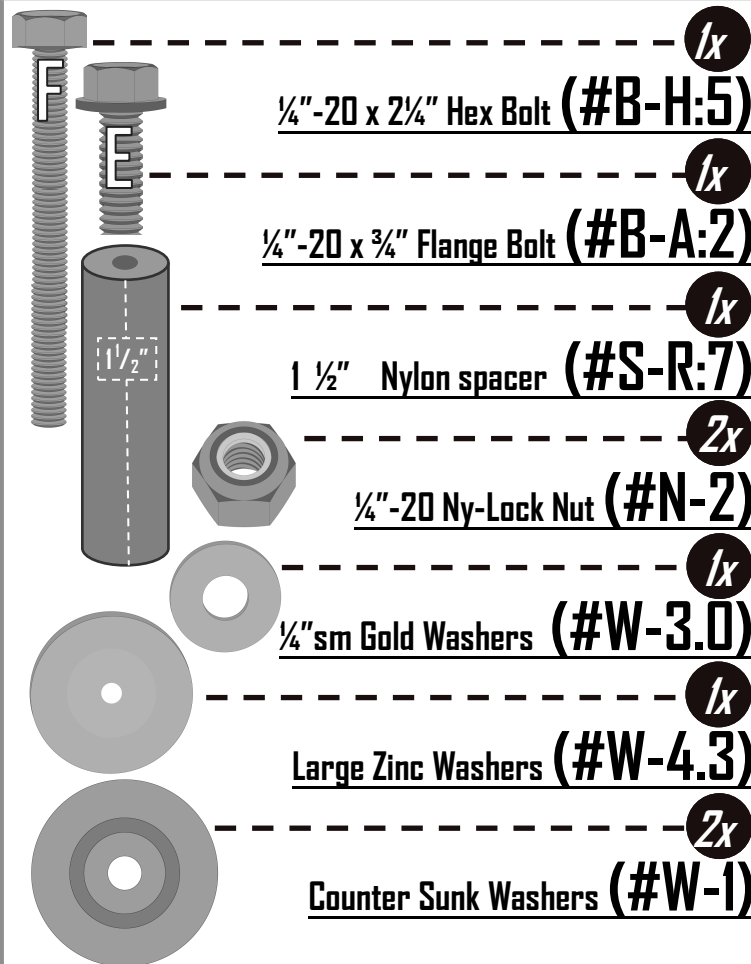
⊗ = Drainage Holes  
 Do Not Use For Mounting

# Polaris Sportsman ACE 150 (2017+) Skid Plate Hardware kit

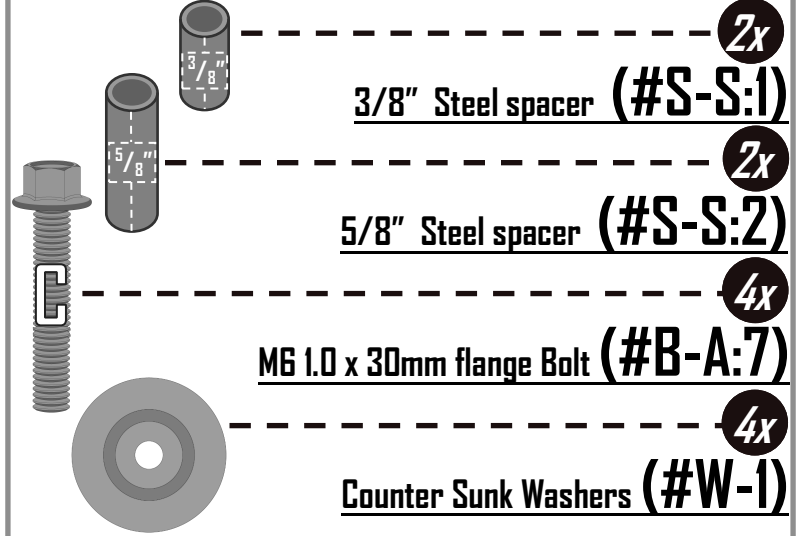
## #1 Main Skid Large bag:



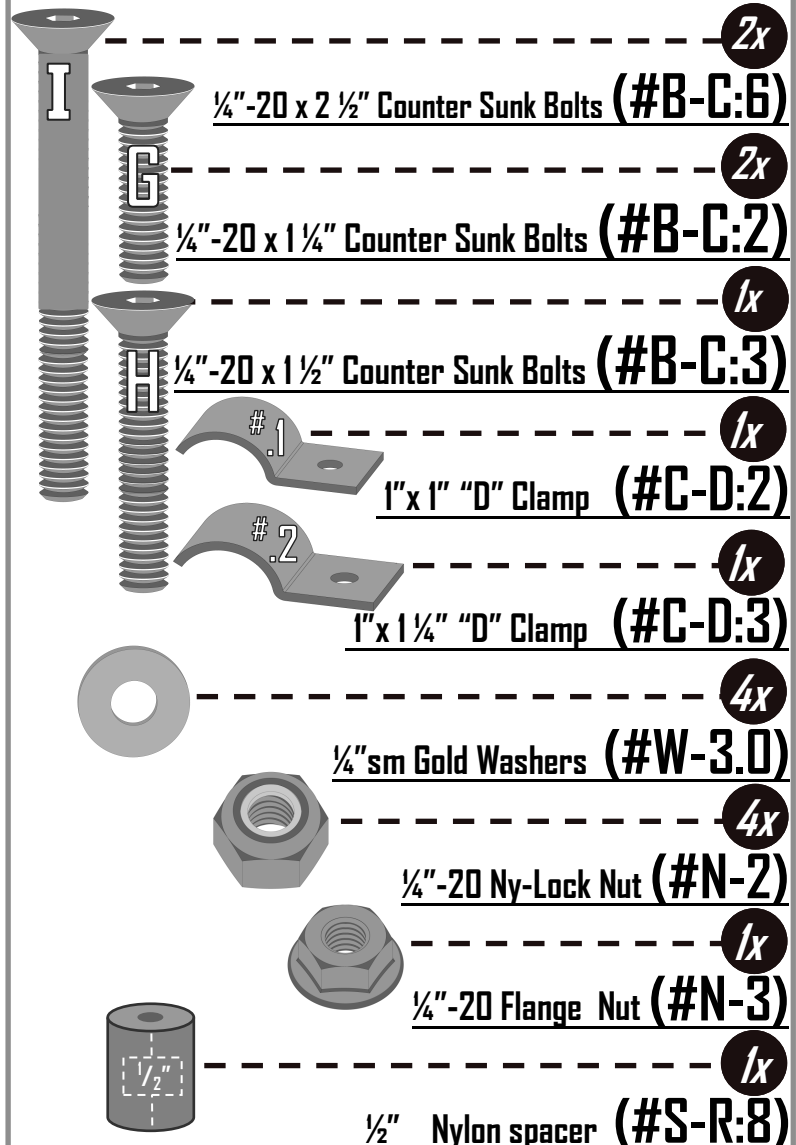
## #2 Front Diff Skid small bag:



## #3 Rock sliders small bag:




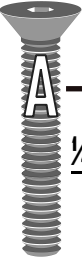
## #3 Swing arm Large bag:





# Polaris Sportsman ACE 150 (2017+) A-arm hardware

**#1** **A-Arm large bag:**

 **1"x1" "D" Clamps (#C-D:2)** **8x**

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

 **1/4"-20 Ny-Lock Nut (#N-2)** **8x**

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

# **Polaris Sportsman ACE 150 (2017+) Other Accessories**

**Check out our other Ace 150 Accessories online at**

**[www.Factoryutv.net](http://www.Factoryutv.net)**

## **Restraint systems and Harness bars**



## **Complete door kits**



## **Front rear bumpers and rear lower transmission guard**

