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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)**

# **Yamaha**

## **Wolverine X2 - X4 (2019+)**



# Yamaha Wolverine X2 - X4 (2019+) Instructions

**J-S**

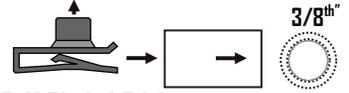
## J-Clip & Spacer Mounting Locations :

**Install spacers:** using matching bolts, fasten loosely with out washers. Remove and re-install bolts with washers after skid is fastened in place.

**Install j-clips:** drill a larger 3/8<sup>th</sup> hole near rectangular openings in mounting locations. Slide J-clip in rectangular opening with threaded tip pointing upwards, towards the vehicle. Slide j-clip to center of hole, until clip fastens securely.

**#1**

## Front Diff Skid Plate :



Mount S1 and S2 spacers in place using (4x) M6- 1.0 x 25mm Flange Bolts, with out washers in: *Front Diff Skid: ( C ) Locations.*

Install front diff skid plate with: (2x) M6- 1.0 x 20mm Flange Bolts in: *Front Diff Skid: ( A ) Locations.*

**Remove:** (4x) M6- 1.0 x 25mm Flange Bolts. Re-install with washers individually, keeping spacers in place in: *Front Diff Skid: ( C ) Locations.*

*\*(See Drilling Instructions Below)\**

With Front Diff skid in place, mark, drill and install: (3x) 1/4" -20 x 3/4" Self Taping Bolts in: *Front Diff Skid: ( B ) Locations.*

**#2**

## Main Skid Plate:



With J-clips installed, align Edge with front diff skid plate, use: (16x) M6- 1.0 x 20mm Flange Bolt in: *Main Skid: ( A ) Locations.*

*\*(See Drilling Instructions Below)\** With main skid in place, mark, drill and install: (1x) 1/4" -20 x 3/4" Self Taping Bolt in: *Main Skid: ( B ) Location.*

**#3** **RS**

## Side Skid Plates And/Or Rock Sliders:

With J-clips installed, use: (16x) M6- 1.0 x 20mm Flange Bolt in: *Side Skid: ( A ) Locations.*

*\*(See Drilling Instructions Below)\** With main skid in place, mark, drill and install: (2x) 1/4" -20 x 3/4" Self Taping Bolts in: *Side Skid: ( B ) Locations.*

*If installing with Rock Sliders, use: (8x) M6- 1.0 x 30mm Flange Bolts in lieu of 8x 20mm bolts, in: Side Skid: ( A\* ) Locations.*

*Install Rock Sliders in-between skid plate and chassis frame.*

**RS**

**#4**

## Rear Skid Plate:

With J-clips installed, align edge with main skid. Install: (4x) M6- 1.0 x 20mm Flange Bolts in: *Rear Skid: ( A ) Locations.*

Once all skid plates are mounted in place, ensure all bolts are fastened securely.



**F**

## Front A-Arm Guards

Install: (6x) M6- 1.0 x 20mm Flange Bolts in: *Front A-Arm: ( A ) Locations.*

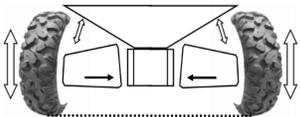
**R**

## Rear A-Arm Guards

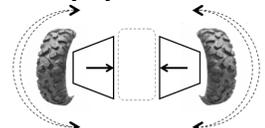
Install: "D" shaped spacers with (4x) M6- 1.0 x 30mm Flange Bolts with out washers in: *Rear A-Arm: ( C ) Locations.*

Install: (4x) M6- 1.0 x 20mm Flange Bolts *In: Rear A-Arm: ( A ) locations.* Once rear A-Arm is in place,

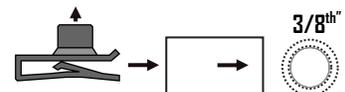
**remove:** (4x) M6- 1.0 x 25mm Flange Bolts. Re-install with washers individually, keeping spacers in-place in: *Rear A-Arm: ( C ) Locations.*



**\*Ensure Clearance For Turn Radius & Travel Before Fastening ALL Bolts Securely**



## **\* Drilling Instructions : \***



For J-clip "A" locations, use a 3/8<sup>th</sup> Drill bit to widen pre existing holes.

For "B" locations use : #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 1/4" - 20 Tap \*(Optional)

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

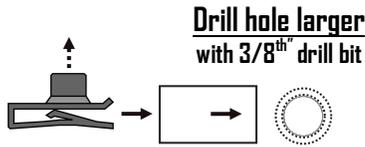
Finger Thread All Bolts Prior To Fastening Securely With Power Tools.

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

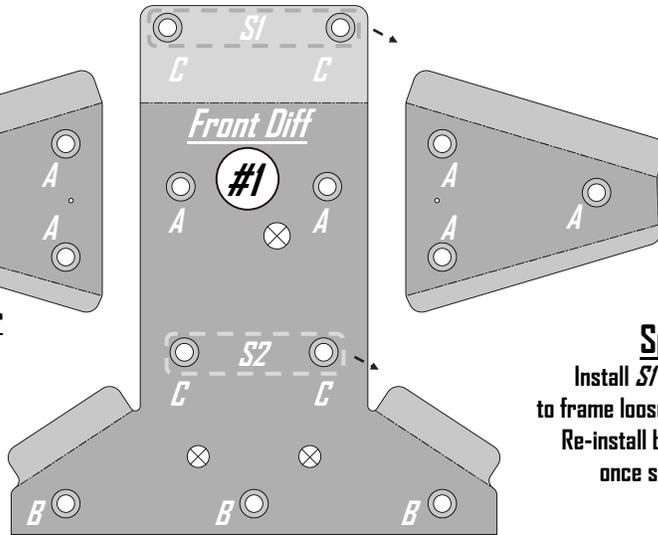
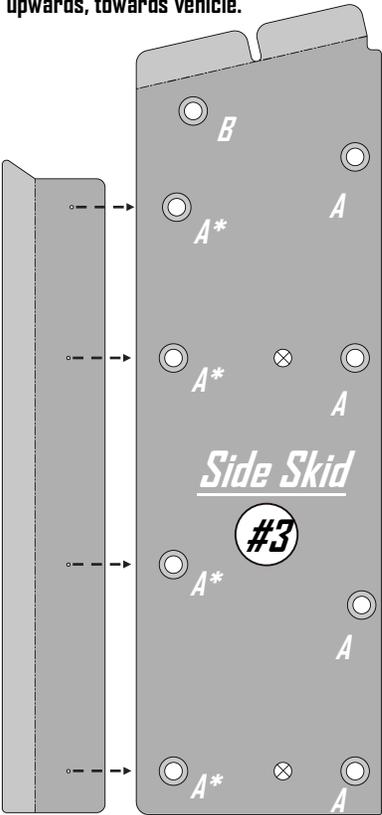
( When installation is complete , ensure all bolts are fastened securely.)

# Yamaha Wolverine X2-X4 (2018+)

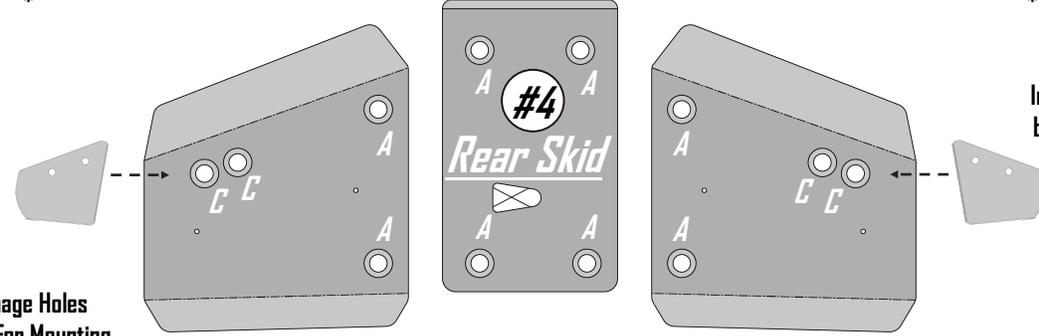
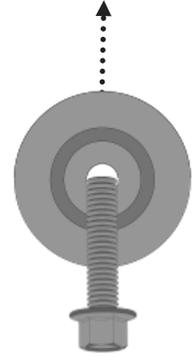
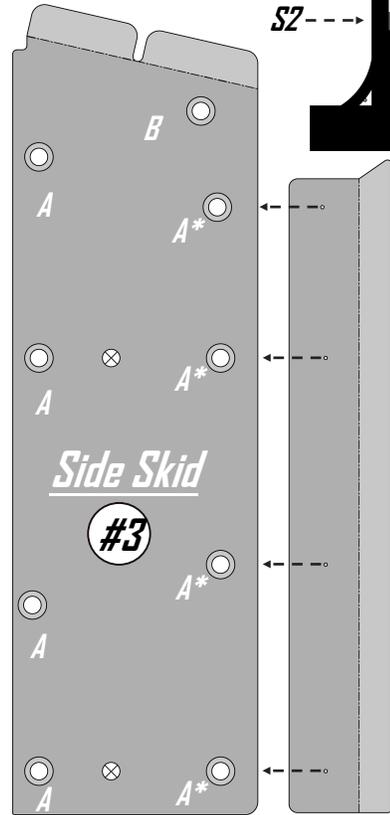
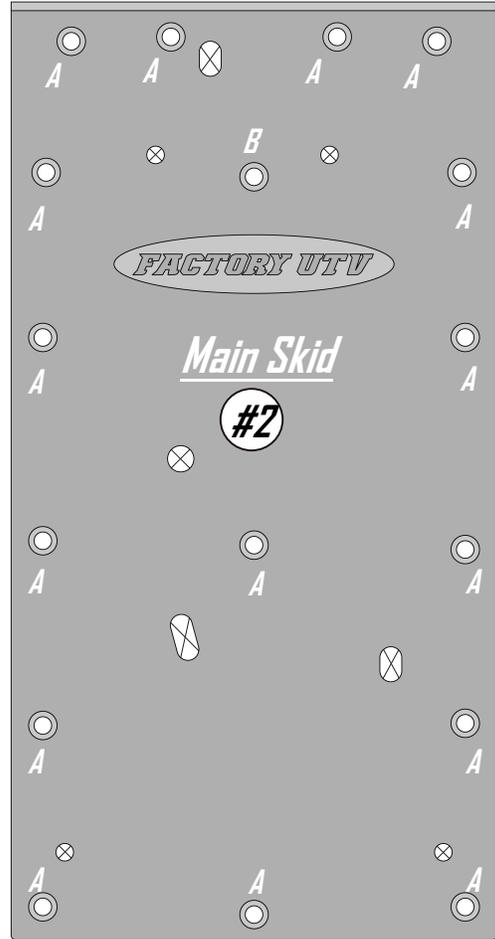
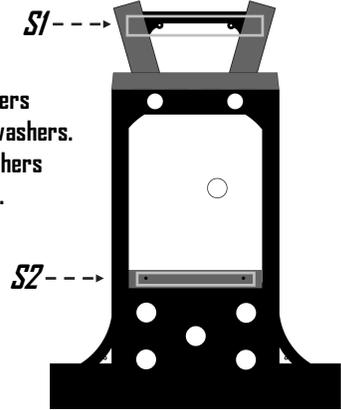
**Read :**  
**Instructions On Pg.#2**  
**Drill Holes to 3/8<sup>th</sup>**  
**Install J-clips In Frame.**  
**See Drilling**  
**Instructions Before**  
**Installing**



**Then Install J-clip**  
 slide in with tip pointing upwards, towards vehicle.



**Spacers**  
 Install *S1* and *S2* spacers to frame loosely, with out washers. Re-install bolts with washers once skid is in place.

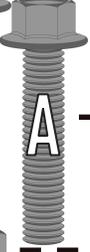


**Rear A-Arm Spacers**  
 Install *SA* spacers on each rear a-arm, bolt to frame loosely with out washers. Re-install bolts with washers Once Guard is fastened in place.

⊗ = Drainage Holes  
 Do Not Use For Mounting

# Yamaha Wolverine X2-X4 (2018+) Skid Plate Hardware

## #2 Front Diff. Small Bag:

4x  
 M6- 1.0 x 25mm Flange Bolt (#B-A:6)

2x  
 M6- 1.0 x 20mm Flange Bolt (#B-A:5)

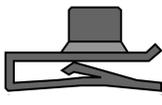
3x  
 1/4"-20 x 3/4" Self Taping Bolt (#B-D:2)

9x  
 Counter Sunk Washers (#W-1)

 ← *S1 Spacer*

 ← *S2 Spacer*

## #2 Side Skids Large Bag:

15x  
 J-clip (#N-14)

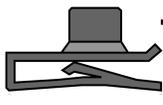
15x  
 M6- 1.0 x 20mm Flange Bolt (#B-A:5)

8x  
(If Rock Sliders use in lieu of 8x (B-A:5))  
 \*M6- 1.0 x 30mm Flange Bolt (#B-A:7)

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

18x  
 Counter Sunk Washers (#W-1)

## #2 Main Skid Large Bag:

15x  
 J-clip (#N-14)

15x  
 M6- 1.0 x 20mm Flange Bolt (#B-A:5)

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

17x  
 Counter Sunk Washers (#W-1)

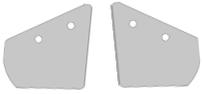
## #2 Front A-Arm Small Bag:

6x  
 M6- 1.0 x 20mm Flange Bolt (#B-A:5)

6x  
 Counter Sunk Washers (#W-1)

## #2 Rear A-Arm Small Bag:

4x  
 M6- 1.0 x 20mm Flange Bolt (#B-A:5)

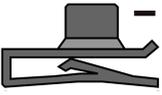
4x  
 M6- 1.0 x 30mm Flange Bolt (#B-A:7)

4x  
 M6- 1.0 Flange Nut top lock (#N-1)

8x  
 Counter Sunk Washers (#W-1)

2x  
 "D" Shaped Spacers (#S-D)

## #2 Rear Diff. Small Bag:

4x  
 J-clip (#N-14)

4x  
 M6- 1.0 x 20mm Flange Bolt (#B-A:5)

4x  
 Counter Sunk Washers (#W-1)