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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
General 4 1000 EPS (2016-2020+)



Polaris General 4 1000 EPS (2016-2020+) Instructions

#1

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

Remove (5x) T-40 Torx bolts from each plastic side panel to remove skid. (see figure on bottom of page 3.)

Install Extension brackets at Rear & Center of vehicle.

Use: (2x) stock bolts with out washers in each bracket in (A) locations, to hold extension brackets in place during skid install.

Ensure mid extension bracket notch is in the bottom right corner *(as shown in page 3.)

Re-install each bolt with a counter sunk washer, after skid plates are mounted in place In further steps.

Install brackets with the j-clip tip's pointing inward toward vehicle

#2

Rear Skid Plate :

Install: (2x) M6-1.0 x 30mm Flange Bolts in *Rear skid: (E) locations.*

Install: (3x) Stock bolts in *Rear skid: (A) locations.* *(note step #0, and adjust to fit before fastening)

Mark, drill and Install: (2x) ¼"-20 x 1" Self Tapping Bolts in *Rear skid: (C) locations.* *(See Drilling Instructions Below)*

Main & Mid Skid Plate :

Install: (7x) Stock Bolts in *Mid Skid: (A) locations.* Align edge with rear skid, and bracket *(See step #0)

Install: (2x) M6-1.0 x 25mm Flange Bolts in *Center Mid Skid: (D) locations.* Align edge and Install main skid.

Install: (5x) Stock Bolts in *Main Skid: (A) locations.* Align edge with rear skid.

Install: (2x) M6-1.0 x 25mm Flange Bolts in *Center Main Skid: (D) locations.*

Install: (4x) M6-1.0 x 25mm Flange Bolts with "D" Clamps over tubing in *Main Skid: (D*) locations.*

Defer side (B) locations Until Step (#4)



#4

Diff. Skid Plate :

(See Drilling Instructions Below) Align edge, mark, drill & install: (4x) ¼"-20 x ¾" Self Tapping Bolts in *Diff. Skid : (B) locations.*

#5

Side Mounts (B):

(See Drilling Instructions Below)

Align, mark, drill, and Install: (14x) ¼"-20 x ¾" Self Tapping Bolts in *Main and Mid Skid : (B) locations.*

Skid plate will fit inside/under side panel plastic, slightly pull panel away and/or wedge from vehicle, to help fit in place.

Ensure to fasten side panel bolts when complete (see figure on bottom of page 3.)



RS

If installing with Rock Sliders :

Use: "RS" (14x) ¼"-20 x 1 ¼" Self Tapping Bolts In *main skid: (B) locations, In lieu of side (B) bolts.*

Follow step (#4), Align, mark, drill all (B) locations, Ensure to fasten torx side panel bolts (see figure on bottom of page 3.)

then install Rocksliders over lip of stock side panel plastic, Drill or cut pass-through holes in side plastic as necessary.

Fasten all bolts securely. Rocksliders will mount on the exterior of skid plate and side plastic. Skid will form fit to chassis over time.



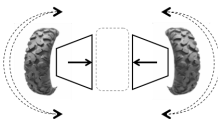
A-Arm Guards : Standard or High Clearance

High Clearance A-Arms: Install: ¼"-20 x 1" Counter Sunk Bolts and "D" clamps over A-Arm tubing, with ¼" Gold Washers, and ¼"-20 Ny-Lock Nuts in *each bolt locations.*

Standard A-Arms: Install : ¼"-20 x 1" Counter Sunk Bolts with ¼" Gold Washer, and ¼"-20 Ny-Lock Nuts in *each: (A:1) location.*

Install : ¼"-20 x 1 ½" Counter Sunk Bolts with "D" clamps over A-Arm tubing in *each front: (A:2*) location.*

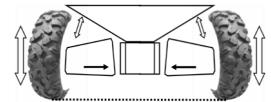
Install : ¼"-20 x 2 ½" Counter Sunk Bolts with "Box" clamps over A-Arm tubing in *each Rear: (A:3*) location.*



*** 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 General 4 1000 EPS (2016-2020+)

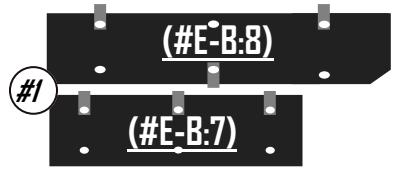
Read:
 Instructions on pg.#2
 Remove stock skid plate,
 Reuse hardware as needed.
 Skid plate will form to fit.
 See drilling instructions
 prior to drilling.

***If High Clearance A-Arms:**
 Install in similar fashion.
 H.C. arms use same
 Hardware for all locations

Use: (2x) stock bolts w/ out
 washers to hold extension bracket
 in place during rear skid install,
 re-install bolts with washers after
 skid plates are mounted in place.

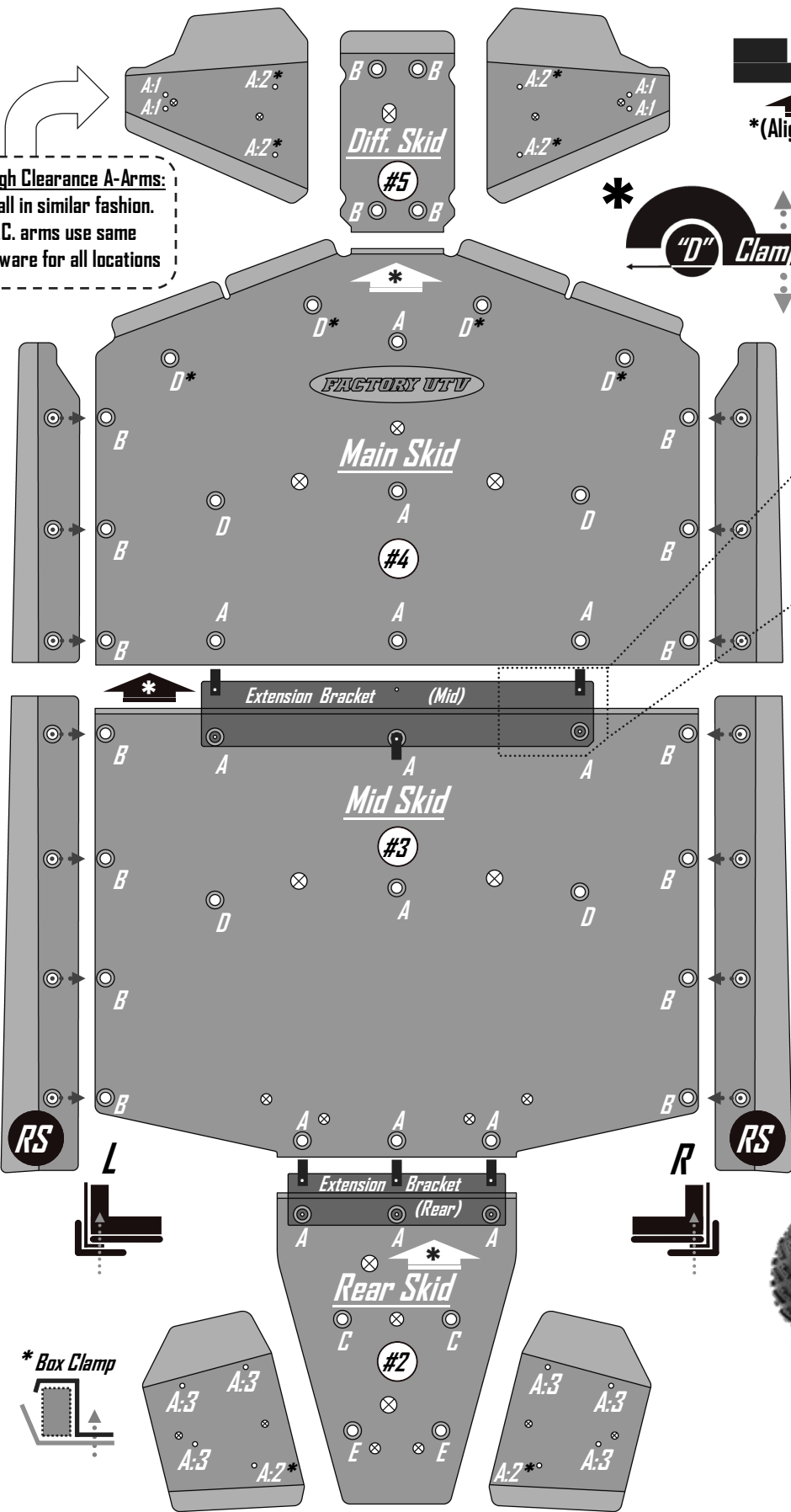
Mount: (Mid) Extension Bracket
 with notch facing the bottom
 right corner (as shown here)

Mount: (Mid & Rear) brackets
 with J-clips Tip's facing
 inward toward vehicle.





Install (E-B:7) and (E-B:8) Extension Brackets First.
 Remove: (5x) T-40 Torx bolts on each lower side panel
 to ease skid removal and installation of skid plates.
 Ensure to re-fasten bolts securely when complete.
 *(Re-fasten bolts before mounting Rock Sliders)


⊗ = Drainage Holes
 Do Not Use For Mounting

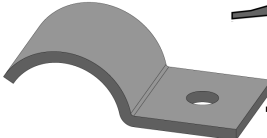


#2 Main Skid Large bag:

 **8x**
M6- 1.0 x 25mm Flange Bolt (#B-A:6)

 **8x**
Counter Sunk Washers (#W-1)


 **10x**
J-Clip (#N-13)


 **4x**
1 1/2" x 1 3/4" "D" Clamps (#C-D:6)

 **1x**
Extension Bracket (#E-B:7)


 **1x**
Extension Bracket (#E-B:8)

#4 Side bolts large bag:


 **14x**
1/4"-20 x 3/4" Self Taping Bolt (#B-D:2)


 **14x**
Counter Sunk Washers (#W-1)

RS **If: Rock Slider 's replace 14x**


 **14x**
1/4"-20 x 1 1/4" Self Taping Bolt (#B-D:4)


#3 Front Diff Skid Small bag:


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

 **4x**
Counter Sunk Washers (#W-1)

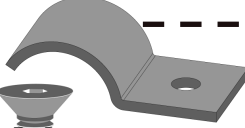
#1 Rear Skid Small bag:


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


 **2x**
M6- 1.0 x 30mm Flange Bolt (#B-A:7)


 **4x**
Counter Sunk Washers (#W-1)


#6 Standard Front A-Arm large bag:

 **4x**
1" x 1" "D" Clamps (#C-D:2)


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


 **4x**
1/4"-20 x 1 1/2" Counter Sunk Bolts (#B-C:3)


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


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

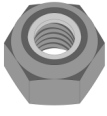
#7 Standard Rear A-Arm large bag:

 **2x**
1 1/2" x 1 1/4" "Box" Clamps (#C-B:2)


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


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


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


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

#6 High Clearance Front A-Arm large bag:

 **10x**
1" x 1 1/4" "D" Clamps (#C-D:3)

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

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

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