# Installation Instructions for Polaris Ranger 1000
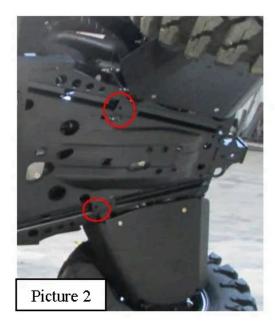## Full Skid with Integrated Side Sliders
### TA012FULLSKID-PR1000XP-21
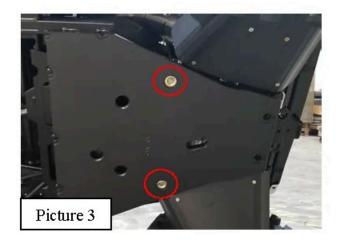
A. Remove the battery from the vehicle if it is not a sealed-cell battery. To ease installation, gently tip vehicle onto its side and support securely. Remove the OEM skid pan. Discard. Also, the metal tab where the front center of the OEM skid plate was attached will need to be bent up inside the center of the of the vehicle. Using pliers, dead-blow hammer, etc., bend enough to install the Trail Armor skid plates. See Picture 1.
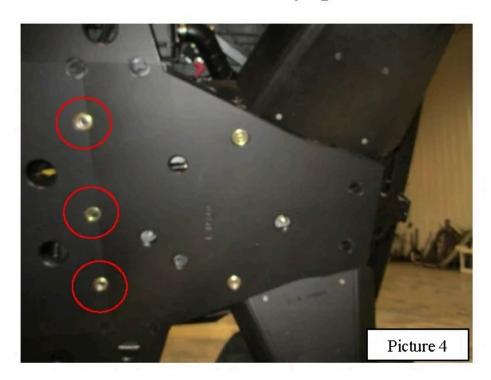


Picture1

Picture 2

B. Locate two supplied ¼-20 u-nuts from the bolt pack. To the rear of the vehicle, locate the two holes in the front of the rear a-arm mounts. See Picture 2. Install the split nuts to the front holes on each side.

C. Locate Panel C of the Trail Armor skid set. Also, locate two supplied ¼-20 x 1" serrated flange bolt and two supplied bowl washers. Holding Panel C into position at the rear of the vehicle, insert one bolt and washer through each of the center pre-drilled holes into the u-nuts previously installed. Loosely tighten. See Picture 3.



Picture 3

D. Locate three supplied M6-1.0 X 30 mm. bolts and three supplied bowl washers. Insert these into the hole at the front of Panel C. Loosely tighten. See Picture 4.



Picture 4

Enjoy!  Any questions, contact Trail Armor at 662-233-5700.

E.  Locate Panel B of the skid set. Slide Panel B towards the rear of the vehicle and under the M6-1.0 x 30 mm. bolts previously installed. We used a small bar clamp to temporarily hold the front of Panel B. See Picture 5.



Picture 5

F.  Locate Panel D of the skid set. Also, locate three OEM factory screws and three OEM bowl washers. Slide Panel D into position at the joints of Panels B and C. Insert one into the center hole to ease installation. Insert the other two after the panel is secure. See Picture 6. Loosely tighten. Repeat for the opposite side.



Picture 6

G.  Locate Panel A from the skid set. Also, locate one supplied ¼-20 x 1" serrated flange bolt, one supplied bowl washer, and one ¼-20 t-nut. Remove the bar clamp and lay aside. Slide Panel A into position and insert the bolt and washer through the front hole of Panel A. Secure with the t-nut. The t-nut will need to be accessed from inside the frame rails. See Pictures 7A and 7B.
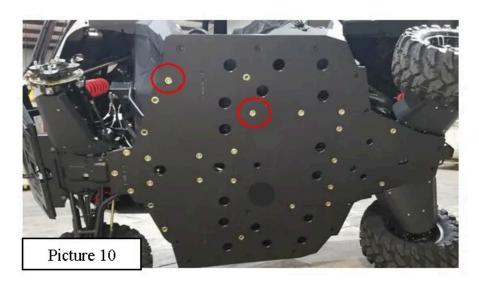


Picture 7A



Picture 7B

Enjoy!  Any questions, contact Trail Armor at 662-233-5700.

H. Align all panels and tighten all fasteners installed up to this point. DO NOT OVERTIGHTEN!
I. Locate eight supplied #14 x 1" TEK self-drilling screws and eight supplied bowl washers. Insert one screw and washer into each of the remaining holes of Panel A. See Picture 8.



Picture 8

J. Locate four supplied #14 x 1" TEK self-drilling screws and four supplied bowl washers. Insert one screw and washer into each of the remaining holes of Panel B. See Picture 9.



Picture 9

K. Locate two supplied #14 x 1" TEK self-drilling screws and two supplied bowl washers. Insert one into each of the holes as shown in Picture 10.



Picture 10
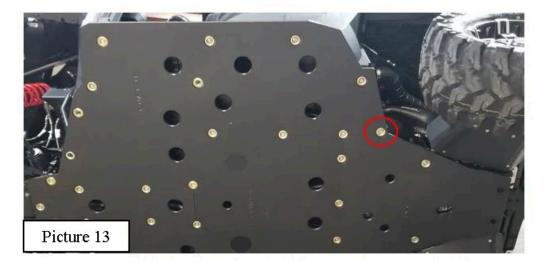
Enjoy!  Any questions, contact Trail Armor at 662-233-5700.

L.  Locate three supplied M6-1.0 x 30 mm. bolts and three supplied bowl washers. Install these into the outside holes of the panel. See Picture 11.



Picture 11

M.  Locate one supplied ¼-20 x 1" serrated flange bolt, one supplied bowl washer, and one supplied ¼-20 t-nut. Insert these into the rear outside hole of the panel. The t-nut can be accessed from the rear of the frame rail. See Picture 12.



Picture 12

N.  Locate one supplied #14 x 1" TEK self-drilling screw and one supplied bowl washer. Insert these into the remaining hole of the panel. See Picture 13. Repeat Steps K-N for the opposite slider.



Picture 13

O.  Locate two supplied #14 x 1-1/2" TEK self-drilling screws and two supplied bowl washers. Insert these into the remaining rear holes of Panel C. See Picture 14.

Picture 14

P.  See Picture 15 for final install.

Picture 15