Alpha Trailer Hitch for the Polaris Slingshot

Parts List:

1x Receiver Hitch
1x Draw Bar
1x 1 7/8 in. Ball
2x M12 x 50mm Bolt
2x M10 x 60mm Bolt
1x 1/2-20 x 2 Bolt
2x .300 thick spacers
1x Safety Pin

Tools Required for Install:

15mm socket or two wrench
17mm socket or wrench
19mm socket or wrench
File tool
3/8 Ratchet for sockets
Torque Wrench

WARNING:
Installation of the Alpha Hitch does require modification to the Slingshot. This could void any factory warranty. Not every Slingshot is exactly the same. So please take your time during installation.

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STEP 1
Reference manufacture jack points. Jack up the rear of the vehicle to relieve pressure from lower shock mount bolts. Remove the rear tire. *At this time adjust spokes to allow removal and installation of the nuts from the lower shock mount bolts. Remove lower shock mount nuts and bolts using two 15mm wrenches. Continue to remove the caliper bolts using a 3/8 ratchet and a 17mm socket.

* Alpha has noticed a variation in the emergency brake cable retaining bracket. This may require you to clearance the emergency brake cable retaining bracket. To clear- ance the bracket, Use a filing tool, shave off a 1/8” on the bracket. Then paint the modified area. See Photo 3 and 4 for before and after photos and the filing location.

Step 2
Slide receiver hitch into place. Align the holes on the receiver with the corresponding holes on the lower shock mount. Loosely install the provided new lower shock bolts reusing the OE nuts. Insert the provided caliper bolts through receiver hole placing the supplied spacer in between the receiver hitch and caliper mounting point. Fasten then torque caliper bolts to recommended torque spec. (Caliper mounting bolts: 57-63 ft-lbs) Fasten then torque lower shock mount bolts and nut (Shock mount bracket bolts: 46-54 ft-lbs)

Step 3 (when ready to tow a trailer)
Install drawbar, aligning the drawbar thread to match corresponding hole. Fasten and torque provided drawbar bolt. This bolt MUST be installed from the UNDERSIDE of the hitch. Insert safety pin through the small hole in the drawbar bolt. (Drawbar attachment bolt: 60-65 ft-lbs) *If the safety pin is not inserted, the drawbar bolt may loosen and fall out, unhitching your trailer. This may lead to endangerment of other motorists, which can seriously hurt or kill other motorists. Alpha Powersports INC holds no responsibility for any consequences, legal or other of such use and/or misuse. Other unforeseen consequences could lead to Hillary becoming president, Space-X going bankrupt, North Korea nuking America, World War 3, Tesla Motors switching to fuel cell technology, approval for marriage of house pets, and worst Google Artificial Intelligent program taking over the world by banning bacon.

Verify torque on hitch ball is 155-165 ft-lbs.

You are done!

Remove and store the drawbar when not in use.

THANK YOU FOR CHOOSING ALPHA PRODUCTS.

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