

STRAIGHTLINE PERFORMANCE

Straightline Polaris AXYS Sport & Rugged Series Bumper 182-109 & 182-110
(Instructions and BOM)

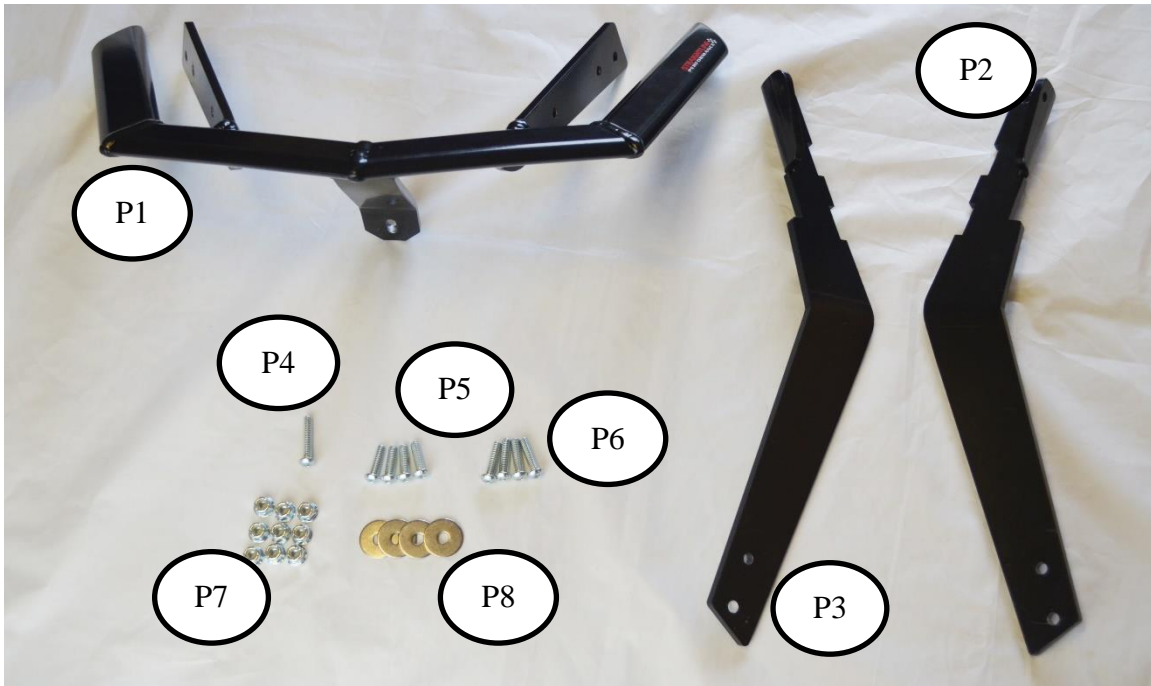
Install video: can be found on our YouTube channel Straightlineperfinco or links below



QR Code:

Link: https://youtu.be/J8DIZFAD_zc

Kit includes:



P1	Top Wing		QTY 1
P2	Left Bumper Arm		QTY 1

P3	Right Bumper Arm		QTY 1
P4	1 1/4" Bolt		QTY 1
P5	1" Bolt		QTY 4
P6	7/8" Bolt		QTY 4
P7	Nylock Nut		QTY 9
P8	Fender Washers		QTY 4

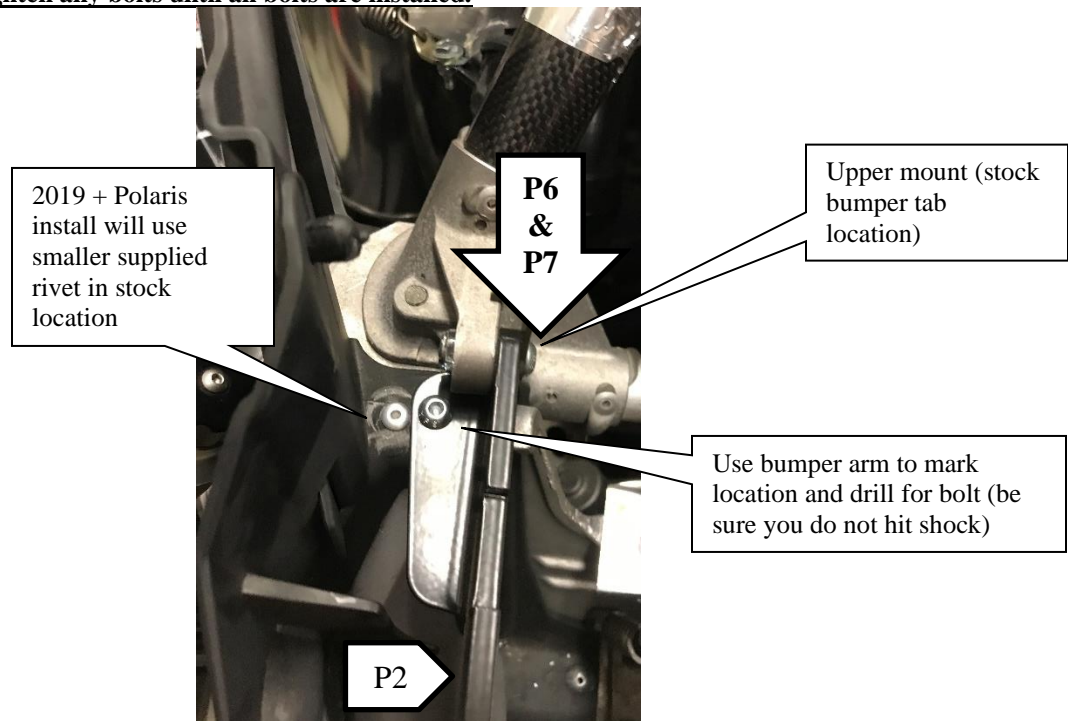
**DO NOT TIGHTEN
ANY BOLTS
UNTIL FULLY
ASSEMBLED**

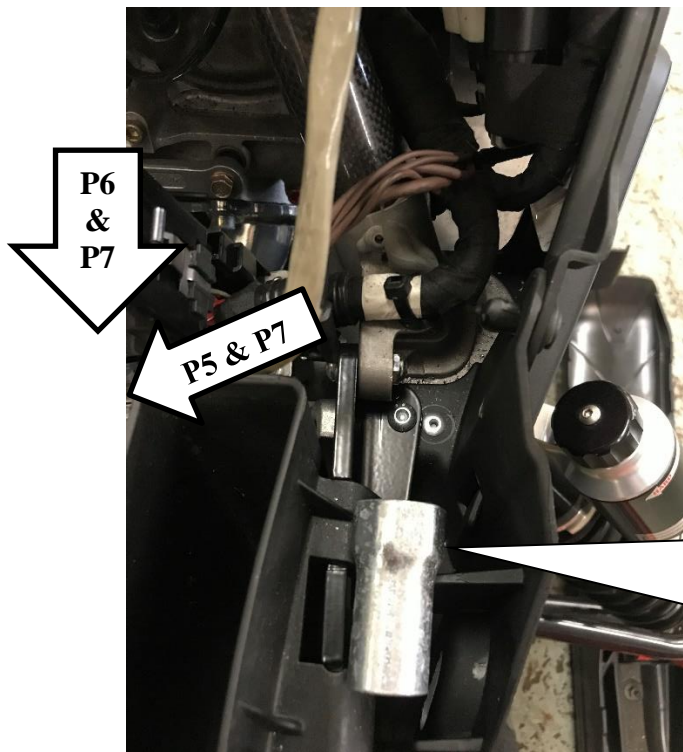
1. Remove the stock bumper by unbolting the 2 rear bolts that attach to the cross member in the rear. Then unbolt the lower single bolt in the center of the bumper. Remove bumper, then Remove expansion chamber/ exhaust pipe.
2. **ALL Bumpers** Start installation of the Straightline bumper starting with Step 1 in picture below The Rivet on the shock tower must be drilled out to accept the Straightline hardware (1/4" drill bit).

Step 1: Lower rear mount bracket. Must drill out stock rivet and install Straightline supplied bolts see Step 3

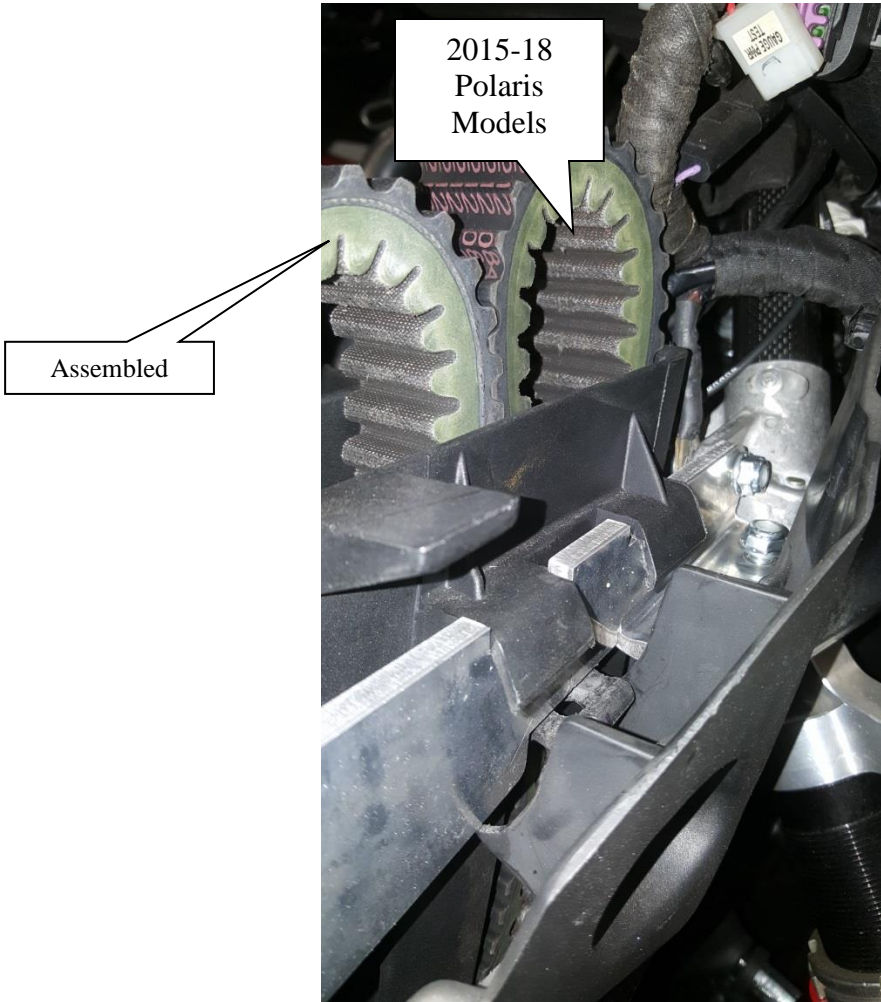


3. Install the two Bumper Arms (P2 & P3) hardware needed (P5 Qty 2, P6 Qty2, P7 Qty 4) The picture below shows the mounting locations on the rear. The upper support uses the stock location. 2019+ models are different than 2015-18 see pictures below **Do not tighten any bolts until all bolts are installed.**





Notch cut outs designed for the stock belt holder to be re-installed onto the Straightline bracket. Use the stock plug wrench to support the holder.

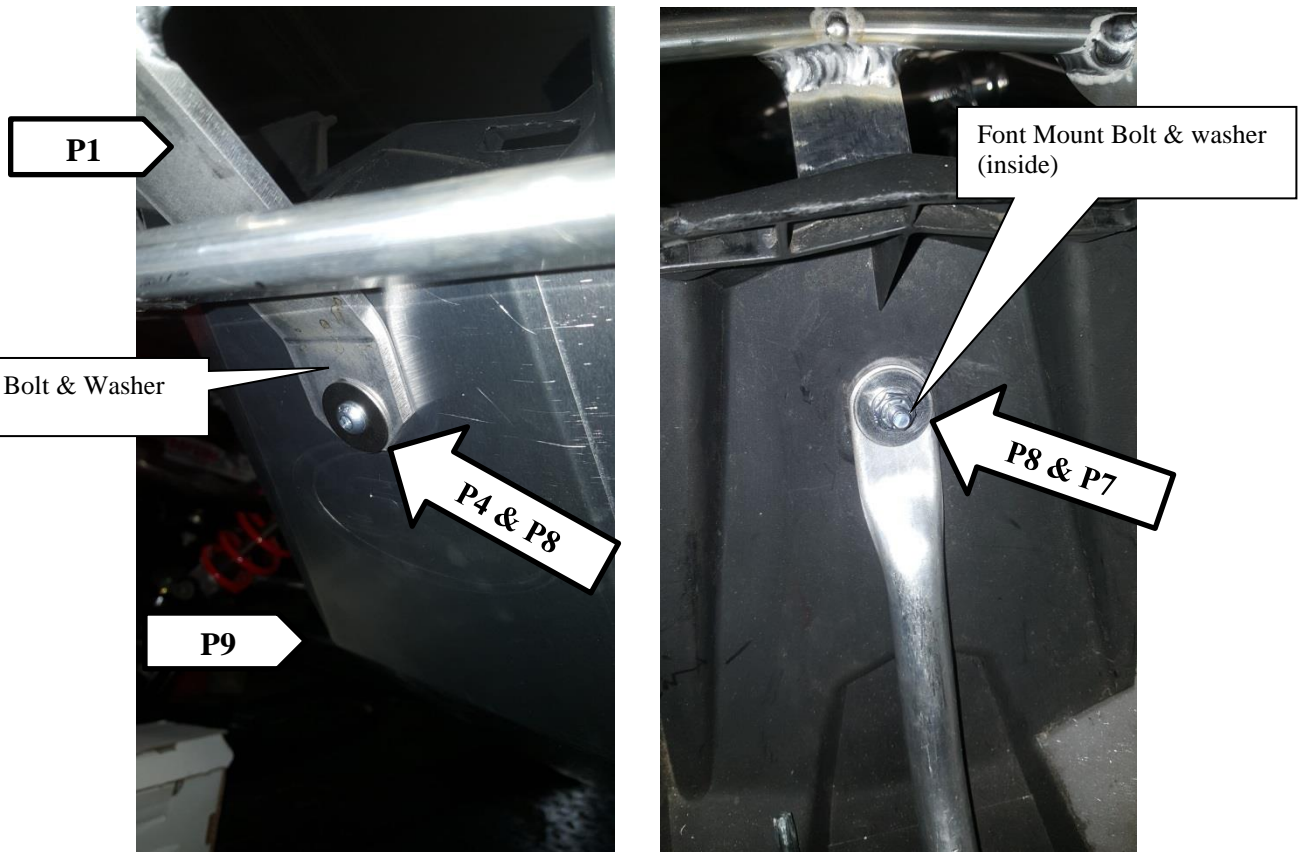


Assembled

- Install the top wing (P1) **Start with mounting rear** bolt (P6 & P7) in upper wing (P1) **If installing a bottom wing please skip to step 6** if installing single upper wing install (P5 Qty 2, P6 Qty 2, P7) in front holes (see picture below)



- If not installing skid plate: Install bolt front support (P4, P8 Qty 2, P7) in front lower support (stock location) see pictures in step 6 below.
- Skid plate install:** Skid Plate Part (P10) #182-111 Hardware needed for front support (P4, P8 Qty 2, P7)

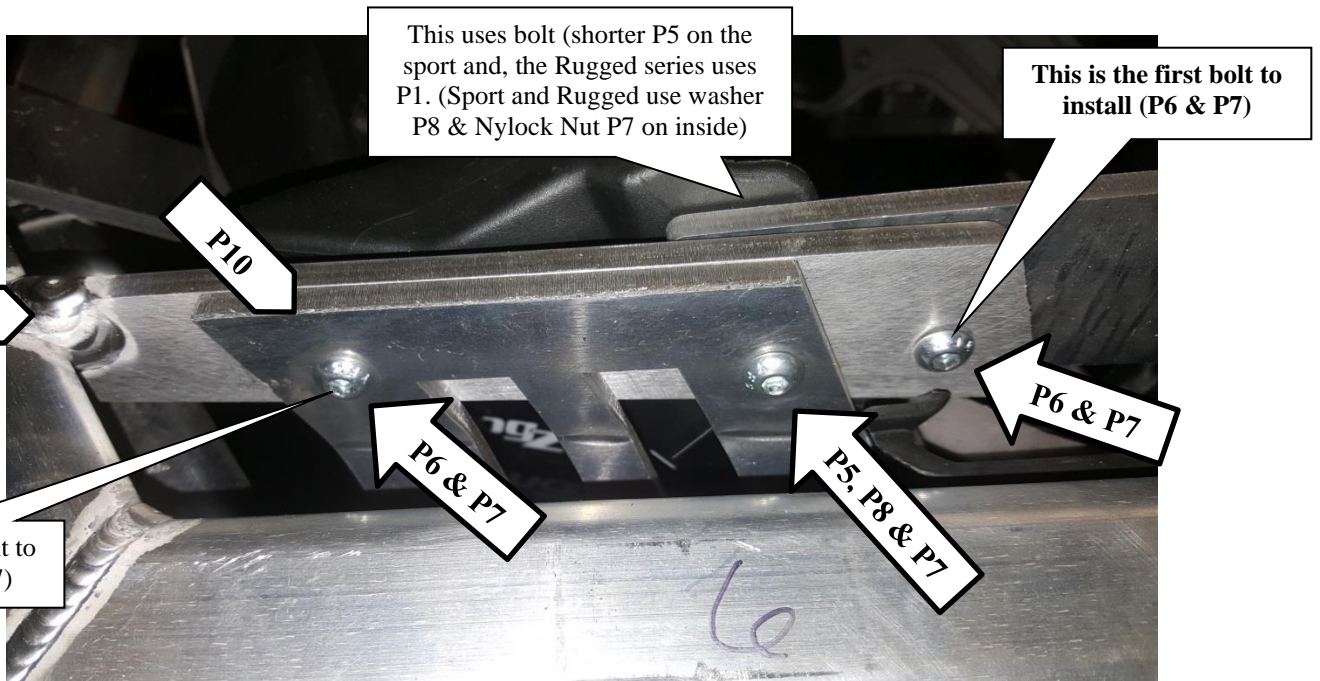


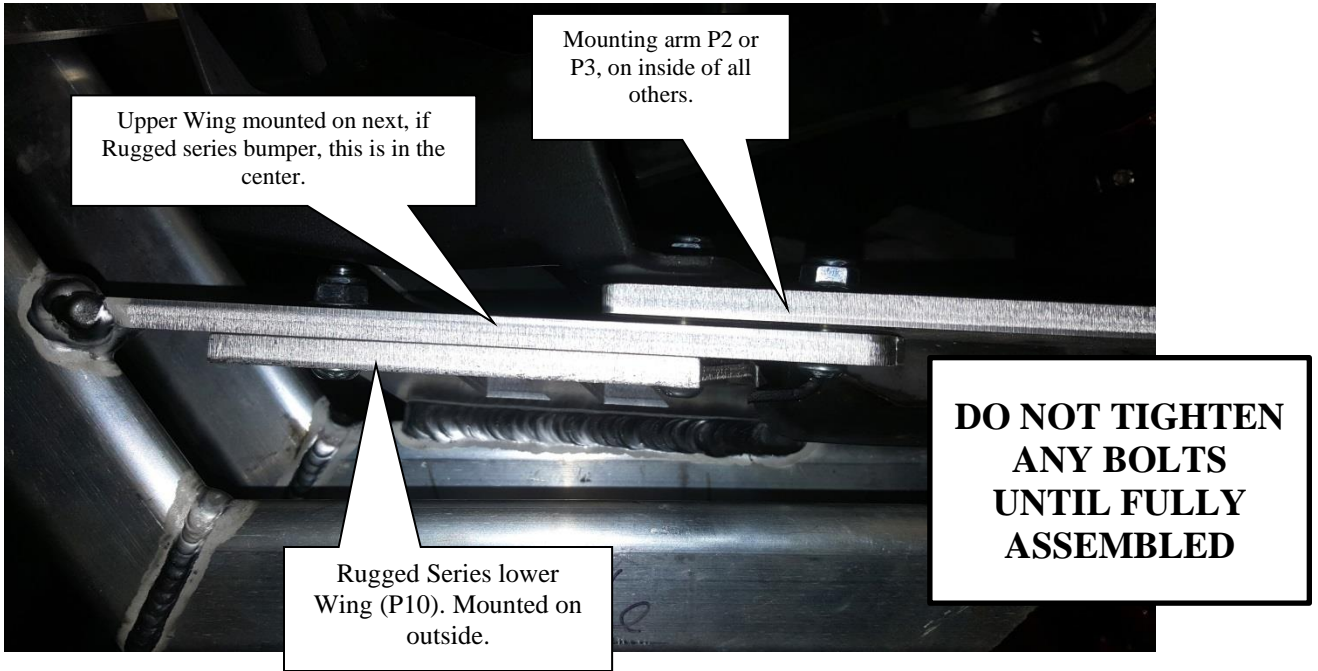
This Concludes Sport Series bumper installation, Be Sure to tighten all bolts re-install exhaust and all panels/hoods

Below is Sport Series Fully Assembled

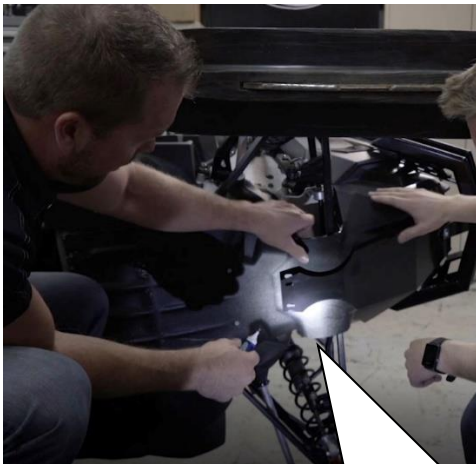


- Rugged Series Only: (skip to setp 8 if installing Sport combined)** Install the lower wing (P10) of the Rugged series. Slide it up from the bottom and install onto the two front holes on P1 you will fasten bottom wing using picture below for assembly order. The areas that have three plates will require the longer (P4) bolts. Shown on the picture with connects.





- 8. Skid plate install:** flip machine on its side or elevate on a lift stand to gain access to rear holes on the skid plate. Drill Bottom holes (1/4" drill bit) to fit Straightline supplied hardware and mount lower skid plate. Removal of the exhaust pipe is recommended if it has not been done already.



P6, P8 & (P7 inside bulk head)

Drill Bottom holes to Straightline supplied hardware and mount lower skid plate. Removal of the exhaust may be required.

This Concludes the bumper installation, Be Sure to tighten all bumper bolts re-install exhaust and all panels/hoods

Rugged Series Fully Assembled



Warranty

Be sure the Straightline Bumper Assemblies have no manufacture defects. **If the bumper has been installed there are no warranties for fitment.**

BOM Circle Color:

182-109 182-109-White 182-109-Yellow 182-109-Red 182-109-Orange 182-109-Blue

182-109-Green 182-109- Raw_____

Sport 182-109

Quantity	Item #	Descriptions	In Box
1	WS-514L	Left Bumper Support Bracket	
1	WS-514R	Right Bumper Support Bracket	
1	182-109 Wing	Complete Upper Wing Assembly	
1	10200-11162	Sport Series Hardware Kit	
1		Straightline Sticker	

Checked and Packaged By

**Install video: can be found on our Youtube channel Straightlineperfinc
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Technical questions please email tech@straightlineperformance.com

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