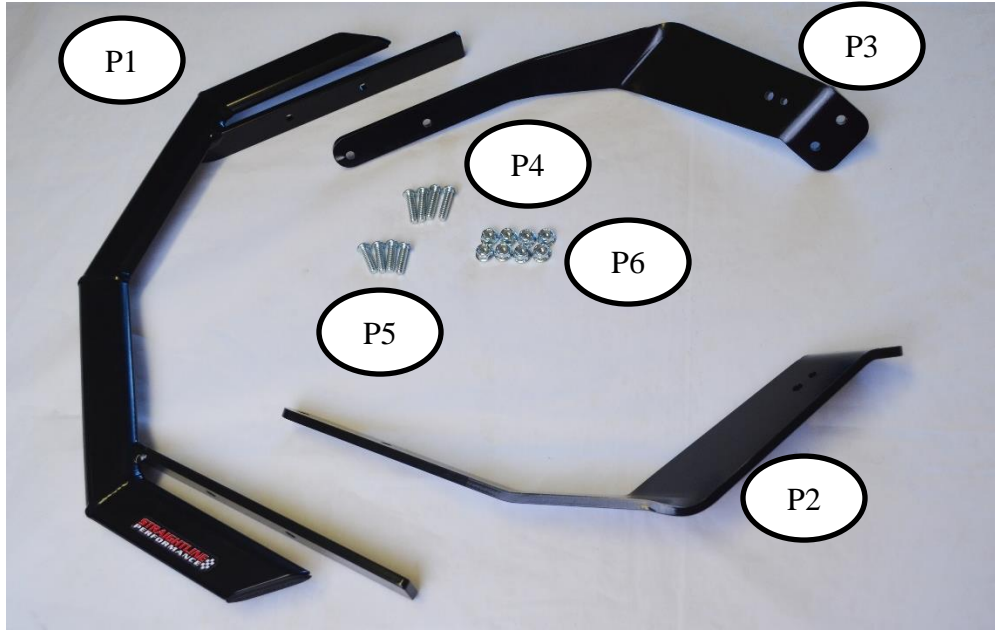






STRAIGHTLINE PERFORMANCE

Straightline Ski-Doo 850 G4 Series Bumper 183-227



P1	Upper Wing		Qty 1
P2	Left Bumper Support		Qty 1
P3	Right Bumper Support		Qty 1
P4	1" Bolt		Qty 4

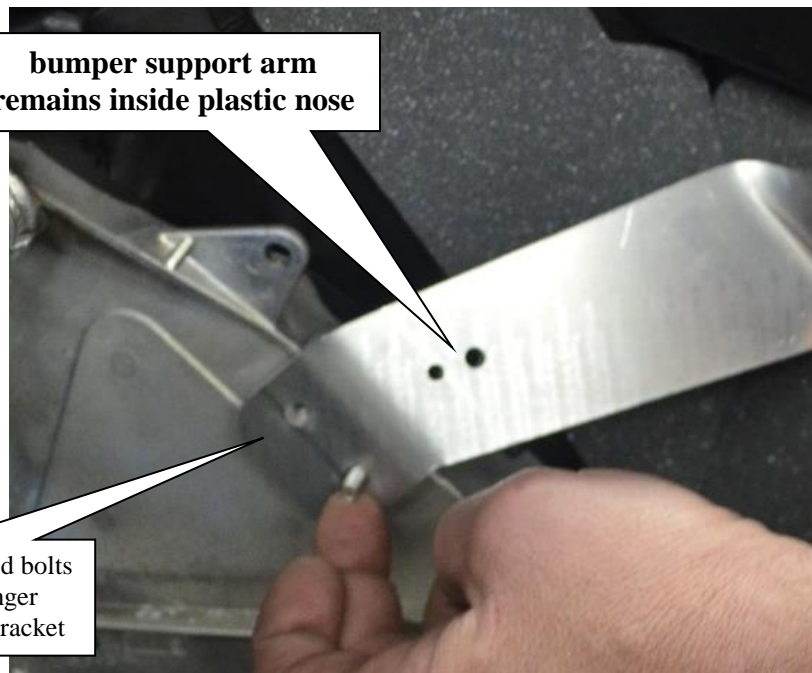
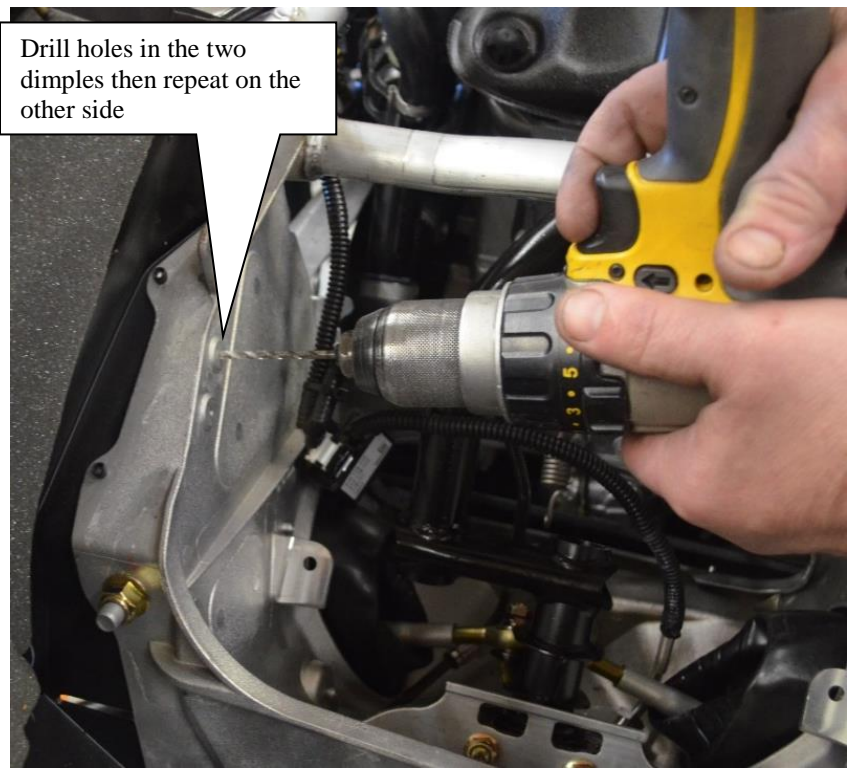
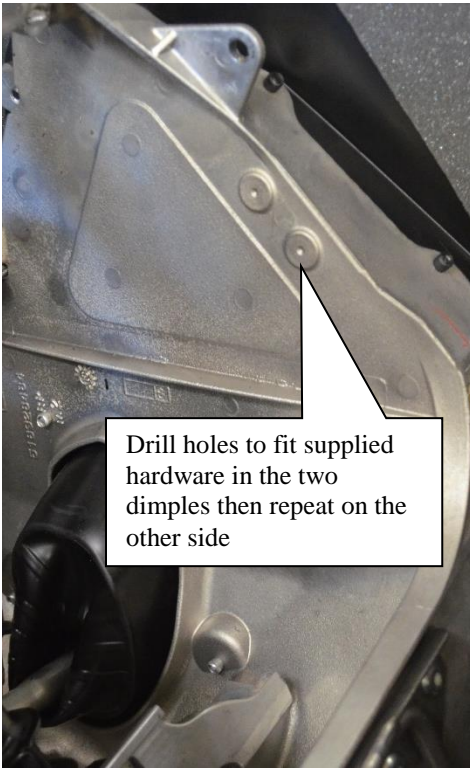
P5	7/8" Bolt		Qty 4
P6	Nylock nut		Qty 8

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

Bumper installation instructions

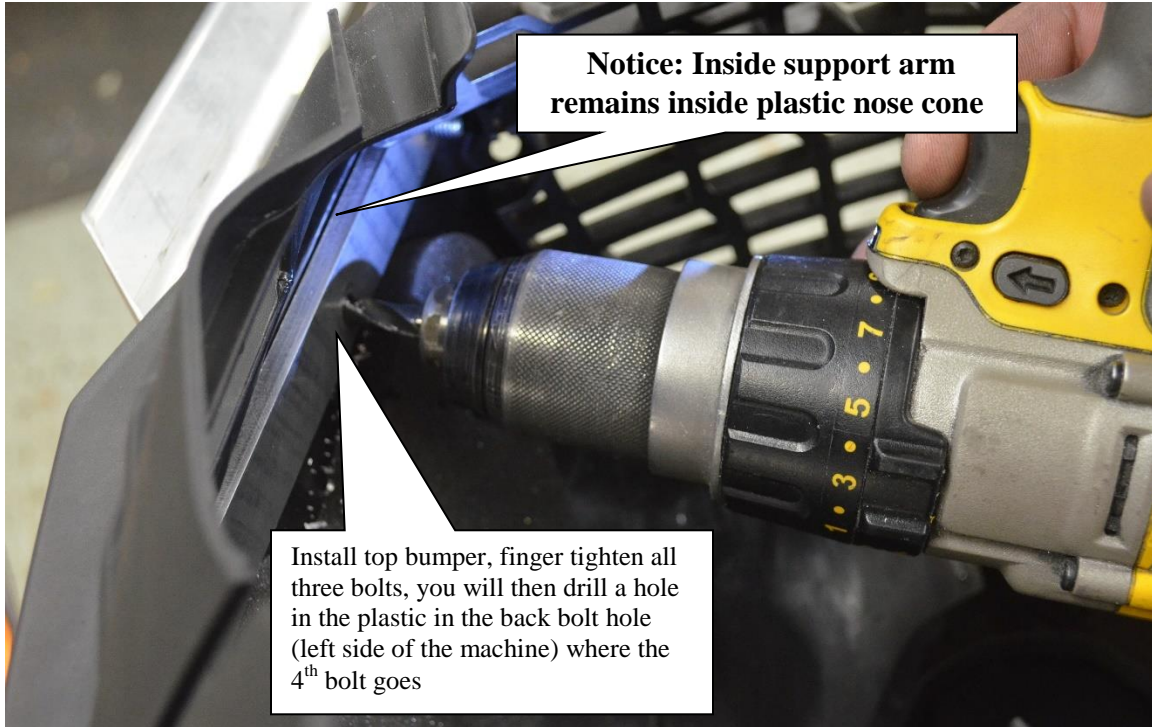
1. Remove the stock bumper by unbolting the 2 rear bolts that attach to the cross member in the rear. Then drill or use a chisel to remove the 4 rivets in the front nose cone. Remove bumper.
2. Remove Exhaust pipe

3. Start installation of the Straightline bumper by installing the 2 inside supports. The picture below shows the location where you need to drill 4 new holes (2 per bumper support) select a drill bit that will fit supplied hardware. Once drilled install the bumper supports P2, P3 using hardware (P5 Qty 4 and P6 Qty 4). **Do not tighten any bolts until all bolts are installed.**



4. Install the front bumper P1, using P4 and P6 finger tighten all bolts, then use bumper bracket as a template drill hole in plastic where you would install 4th bolt.

Notice: Inside support arm remains inside plastic nose cone



5. **Rugged series installation skip this step:** If installing sport bumper install 4th bumper bolt. Sport series installation skip to step 7 & 8.
6. For ease of hassle and alignment, remove the top wing P1, install two front (you will use longest bolts P2 supplied in lower wing kit) bolts in bumper (as shown) then slide bumper onto machine and install remaining back bumper bolts



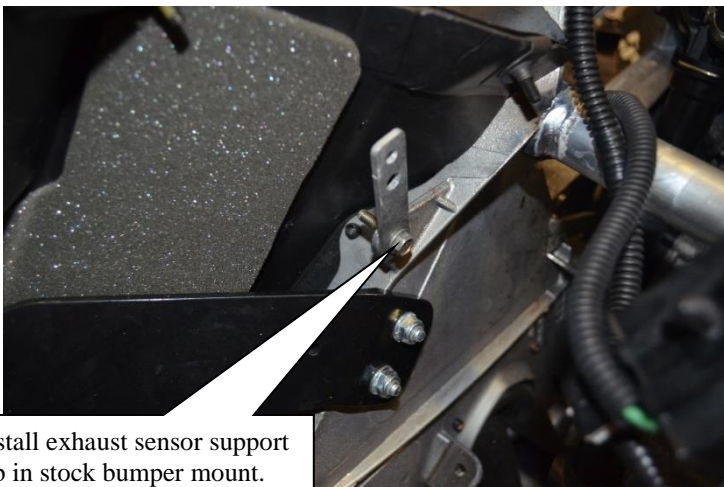
For ease of alignment remove the top wing, install two front bolts (P2 long bolts supplied in bottom wing kit) in bumper (as shown) then slide bumper onto machine and install remaining back two

7. Tighten all bolts



Final Step

8. Install Exhaust temperature sensor support plate in stock bumper mount.



If installing Sport combined or Rugged series please refer to skid plate instructions included in kit

Installed correctly your Rugged bumper will look like this



Rugged series installed

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 One: 183-227 183-227 White 183-227 Yellow 183-227 Red 183-227 Orange 183-227 Blue

183-227 Green 182-227 Raw

QTY	Item #	Description	In box
1	183-227 Top	Upper Wing	
1	WS-536L	Left Bumper Arm	
1	WS-536R	Right Bumper Arm	
1	100200-11197	Sport Series Hardware kit	
1		Straightline Sticker	

Checked and Packaged By

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