



Installation Instructions

Slingshot Pinion Brace Kit- ZZ-SLS-PBK

2015-2019 Polaris Slingshot



Estimated Installation Time: 30min

Installation Difficulty: Easy

Kit Contents:

- Pinion Brace
- Qty. 6 - M8 x 40MM Serrated-Flange Hex Screw 8.8
- Qty. 2 - M10 x 90MM Zinc Yellow 10.9 Screw

Tools Needed:

- 3/8" Impact
- 3/8" Ratchet
- 12mm Ratcheting Wrench or Box Wrench
- 13mm Socket
- 15mm Socket

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STEP ONE:

Remove the two 15mm Zinc bolts holding the brace together.

STEP TWO:

Remove the six 12mm bolts from the angle drive cover. **During this process you may lose a few drops of gear oil. You can put a rag or paper on the floor under it just in case. Some will seep a little and some will not.**



STEP THREE:

Position the brace bracket with the flat side facing towards you over the open holes on the cover and replace the bolts with the 6 supplied silver M8 x 40MM Serrated-Flange Hex Bolts. Only start the first few threads and leave them loose.

STEP FOUR:

Get the inner piece of the clamp and position it over the yoke of the right angle drive and position the bolt holes in line with the bracket. Insert the 2 M10 x 90MM Zinc Yellow 10.9 Screw screws to hold it in place.



STEP FIVE:

Tighten the six M8 x 40MM Serrated-Flange Hex Screws with your 13mm socket to 19ft lbs



STEP SIX:

Next attach the outside clamp by starting the two 15mm bolts. Start tightening the two 15mm zinc plated bolts. You'll want to alternate tightening each one to pull the assembly evenly together. If you end up with a gap on the bottom, loosen the top bolt a few turns and tighten the bottom until the pieces touch and are flush. Finish tightening the top bolt. There is no specific torque spec for these bolts. Just make sure they are good and tight. **You may not be able to get them to sandwich fully together. You may have a 1-2 thread gap between the two pieces. As long as the gap is the same top and bottom you are good to go.**



