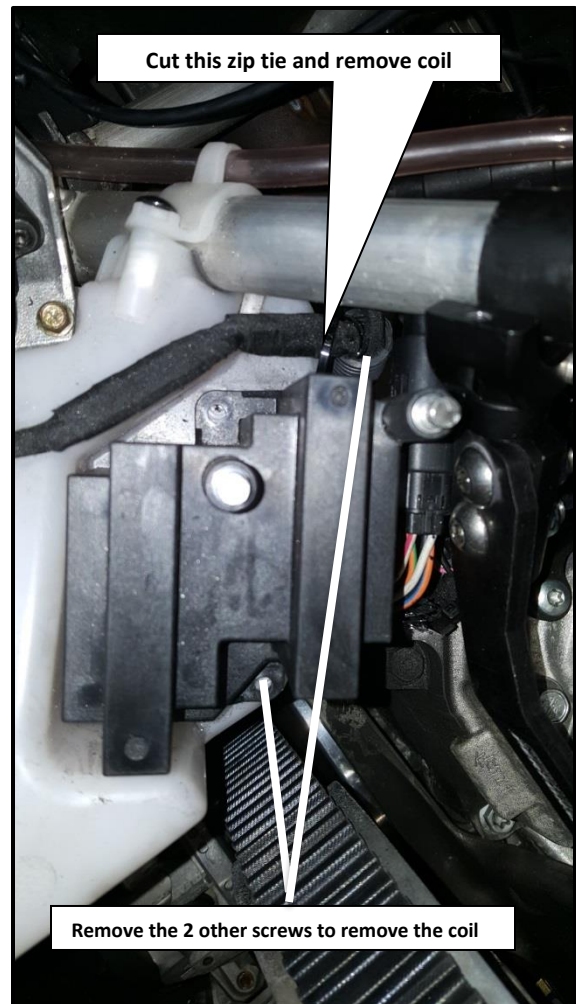


# STRAIGHTLINE PERFORMANCE

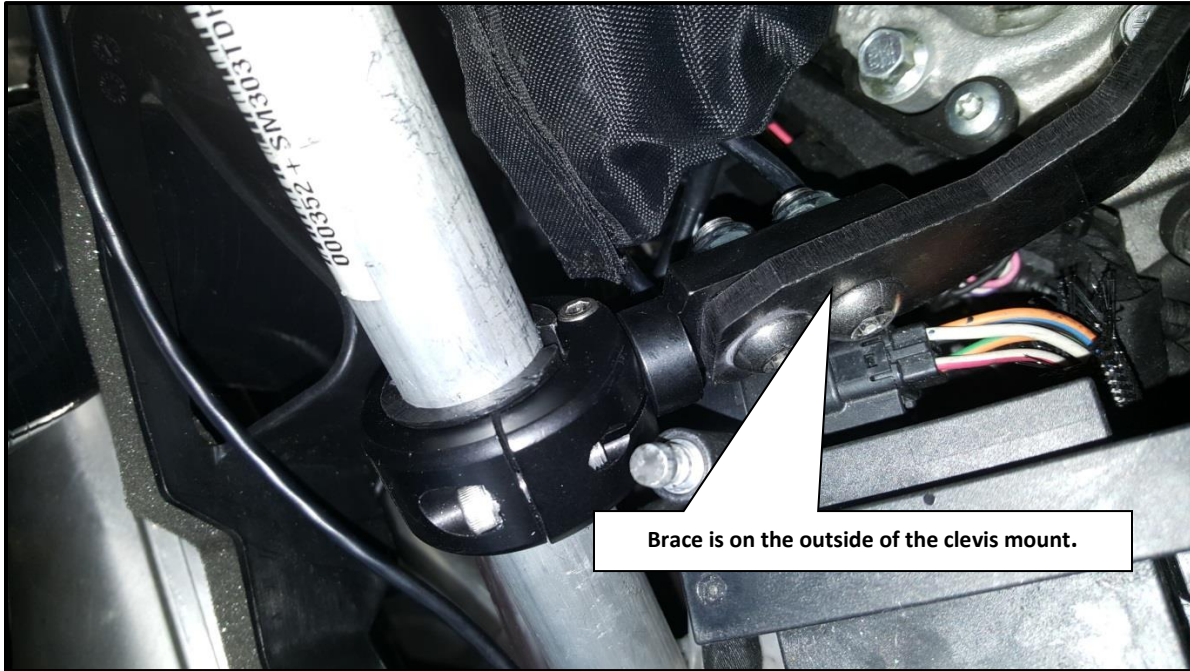
## ***Ski-doo Gen 4 Chassis Brace Instructions and BOM (183-231)***

1. Remove the clutch cover.
2. Remove the plastic assembly mounted over the ignition coils, only need to un-screw the 1 screw shown below and you can move out of the way.
3. Unscrew the 3 remaining screws that hold down the ignition coil.
  - a. Unplug the coil caps from the ignition coil.
  - b. Move the coil, do not unplug just move it out of the way for installation.
  - c. There will be a zip tie that is needed to cut to remove the coil assembly.
4. Loosen the nut that holds the bearing into the jackshaft tower.

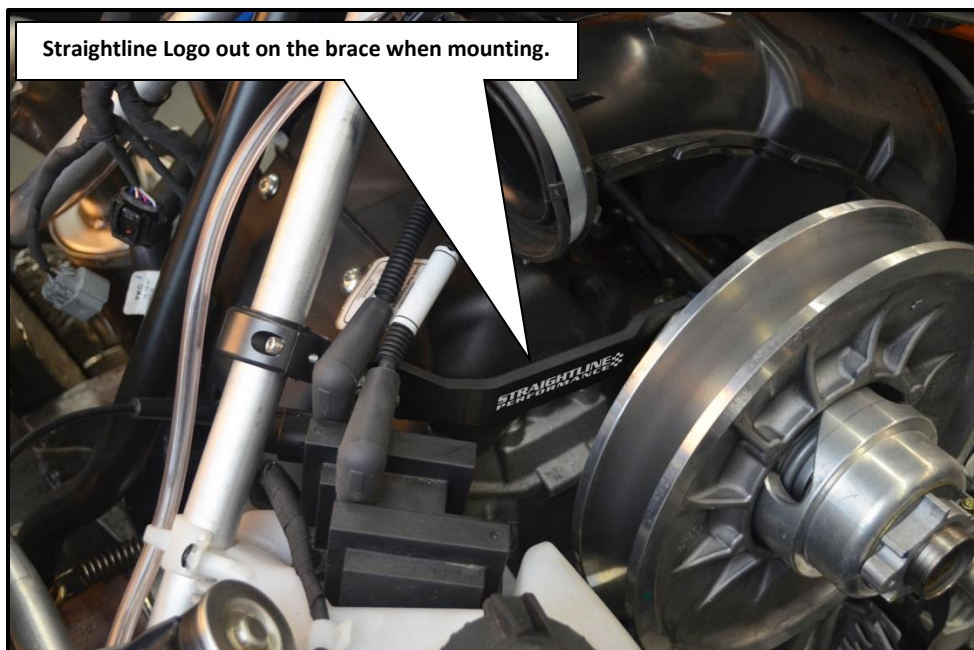
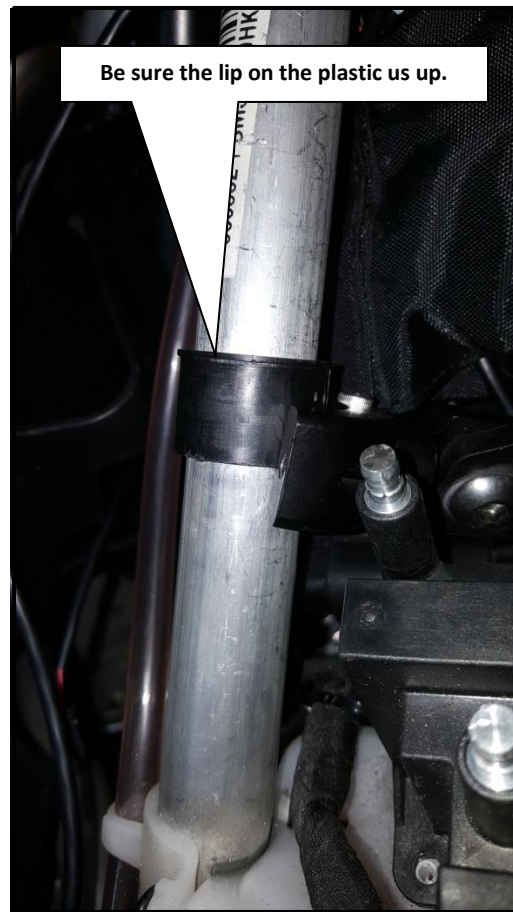
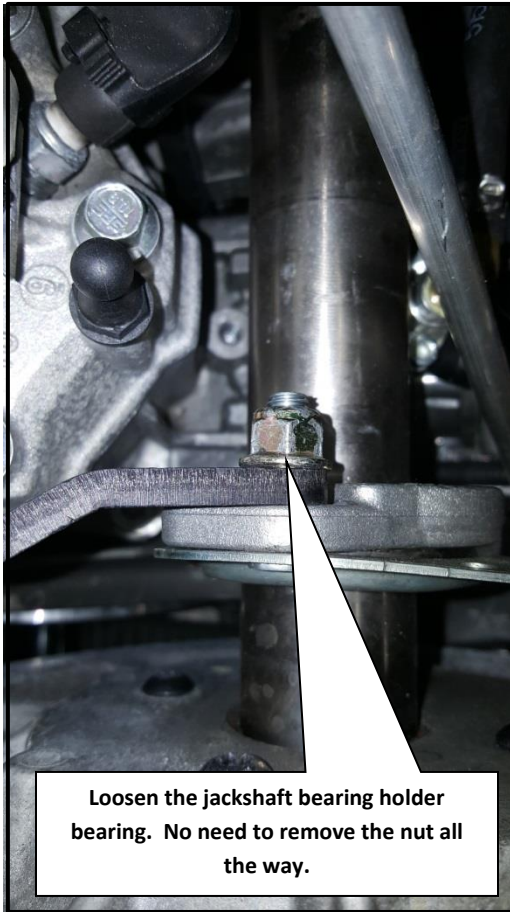


## ***Installing the Chassis brace.***

5. Remove the top bolts from the clevis, and remove the plastic sleeve.
6. Slip the plastic insert onto the main frame as shown below. Be sure the ridge/raised part is up.
7. Loosed the cap head bolt that adjusts the articulation of the cleaves head, so that it can be orientated to line up with the main brace.
8. Install the brace lightly onto the chassis so that the head orientation can be set correctly.
9. The Clevis needs to be set so the brace with Straightline on it will be is on the outside as shown below.



10. Remove the top bolts from the clevis, and remove the plastic sleeve.
11. Slip the plastic insert onto the main frame as shown below. Be sure the ridge/raised part is up.
12. Loosed the cap head bolt that adjusts the articulation of the cleaves head, so that it can be orientated to line up with the main brace.
13. Install the brace lightly onto the chassis so that the head orientation can be set correctly.
14. The Clevis needs to be set so the brace with Straightline on it, is shown on the previous page.



## **Installation Tips**

1. Pre assemble the complete brace and get all aligned, and lightly tighten the main 2 bolts.
2. Then remove and tighten the 2 main bolts the entire way.
3. Re-install the brace and add the clevis cap and tighten. Tighten the QRS bearing retainer bolt.

### **NOTE**

**The brace has 1 larger hole than the bolts in the clevis and brace itself; this is designed to ad articulation to the mounting, and chassis imperfections. After the brace it tightens there will be no movement.**



### **BOM:**

Quantity	Part #	Descriptions	In Box
1	74000	360 Degree Bracket	
2	73829	SS Button Socket Cap Screw	
2	37126	Nylon Insert Lock Nut	
2	NP-209	Zip Tie	
1	183-231-Brace	Gen 4 Brace	
1		Sticker	

Checked and Packaged By

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