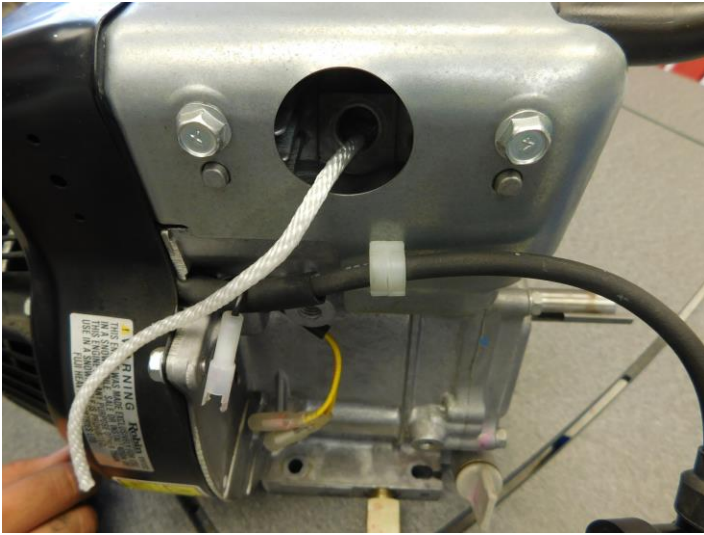


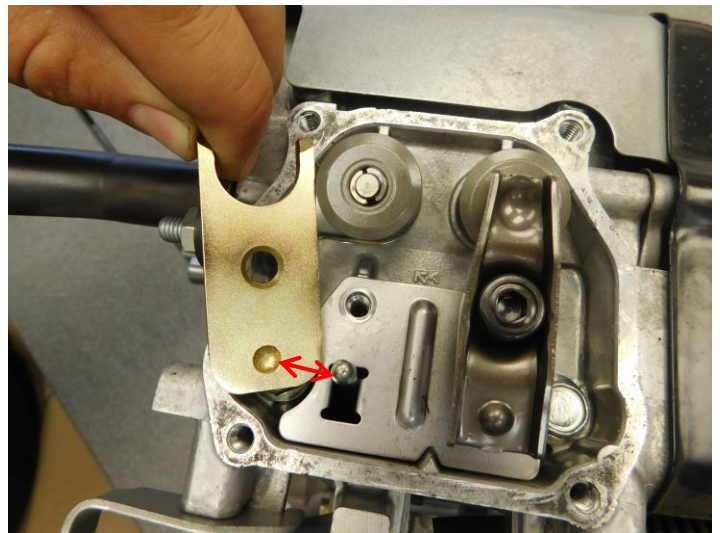
# POLARIS VALVE SPRING REMOVAL TOOL

REVISED 8/4/17

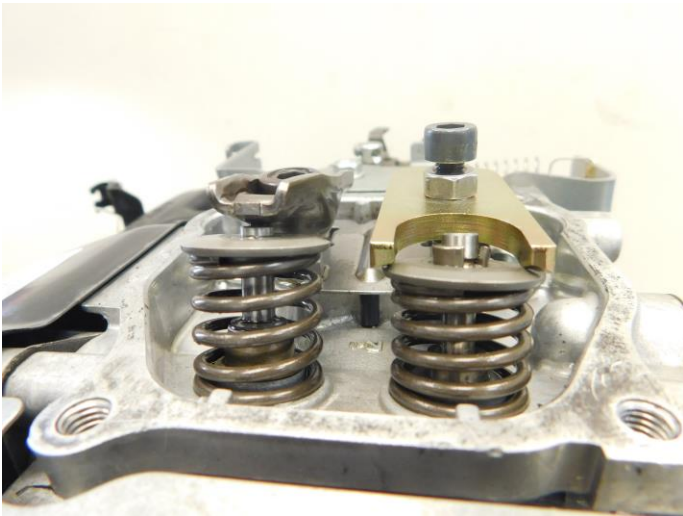


- 1) You will need to find Top Dead Center (TDC) on compression stroke before inserting your supplied rope to create your piston stop. Once TDC is found go ahead and lower your piston to create a void. Insert about  $\frac{3}{4}$  of the rope into the cylinder and rotate crankshaft to raise the piston until it stops. Now you have created a piston stop.

- 2) Make sure the dimple on the bottom is placed directly on the push rod to avoid damaging it. Also, make sure the cut out is centered on top of the valve spring retainer.



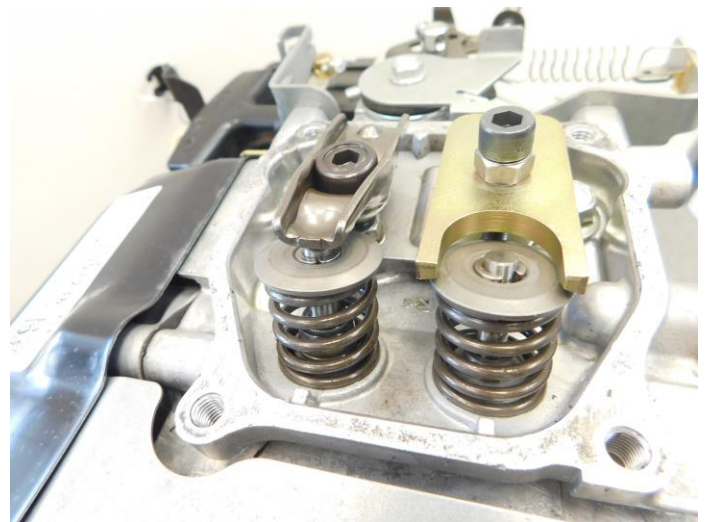
- 3) Install jam nut from factory rocker stud supplied bolt as shown.



4) Screw supplied bolt into head until nut **JUST** makes contact with tool.  
**FINGER TIGHT ONLY.**

5) Using a 10mm wrench tighten nut until keepers are loose.

- To reinstall keeper reverse steps 2 through 5.



### TIPS

- To find TDC refer to our 120 section - tech tips video at <http://recmotor.com/> or on YouTube <https://youtu.be/7K4IVy0btbE>.
- Using a small magnet will help aid when removing keepers.
- Make sure to put a small rag under the head to keep from losing keepers.

\*\*\*\*\*PLEASE NOTE\*\*\*\*\*

**This product is intended for closed-course racing only and is sold “as-is” without warranty. Manufacturer and distributor specifically disclaim all responsibility for consequential and incidental damages or any other losses arising from the use of this product. Any dispute arising out of the use of this product must be settled in Linn County, Iowa under Iowa law.**

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