



## **POLARIS PREDITOR VALVE SPRING KIT**

(PART # VC-PO2)

**WARNING:** Installation of this kit is not for an amateur mechanic. If you are not experienced with cam timing and valve train assembly, please **DO NOT** attempt to install this kit. *You could cause severe damage to your engine if not installed correctly!*

This kit is designed to operate up to 10,200 RPM. This kit is a race part, and has **NO WARRANTY** expressed or implied.

### **INSTALLATION:**

1. Remove the buckets and shims. (Keep track of where the shims came from for reassembly)
2. Remove the keeper, retainers, springs, and valve spring seat washers.

### **INTAKE SIDE:**

- 3a. Install the valve spring seats over the valve guide, with the stamped line on the bottom (Wide side of the seat down, narrow side up)

### **EXHAUST SIDE:**

- 3b. Install the valve spring seats over the valve guide, without stamped line on the bottom. (Wide side of the seat down, narrow side up)
4. Install the 4 springs, retainers and keepers on all 4 valves. Make sure the valves and keepers are fully seated.
5. Install the buckets and shims.
6. Check the valve lash. Set intake to .006" and exhaust .010" cold.
7. Reassemble the engine per Polaris Service Manual.

This guide is by no means complete, or a replacement for the necessary skills needed to install this or any other racing / performance parts. If you do not have the necessary skills, tools, or equipment to properly install this kit, please take it to a qualified ATV dealer or service center to have it properly installed.