



## **Performance Valve Seals** **PART# - RY19040-PVS**

We strongly recommend the use of a service manual to familiarize yourself with the various components and procedures involved with this installation. These instructions have been written in point form and refer to illustrations. Please follow these step-by-step instructions and illustrations carefully.

**APPLICATION(S):** Yamaha 1.8L Engines

### **\*\*\* ALLOW ENGINE TO COOL COMPLETELY BEFORE PERFORMING INSTALLATION \*\*\***

#### **Required Specialty Tools**

RIVA Valve Compression Tool  
RIVA Valve Seal Tool

#### **Part#**

RY19040-VCT  
RY19040-VST

### **- INSTALLATION INSTRUCTIONS -**

Remove engine valve cover.

Remove cam shafts.

Working on one valve at a time and using RIVA Valve Compression Tool remove valve spring retainer, valve spring and base washer.

Carefully guide removal end of RIVA Valve Seal Tool down alongside valve stem until end is against cylinder head.

Place tool against valve guide and lift up against base of valve seal. Carefully lift straight up to remove valve seal.

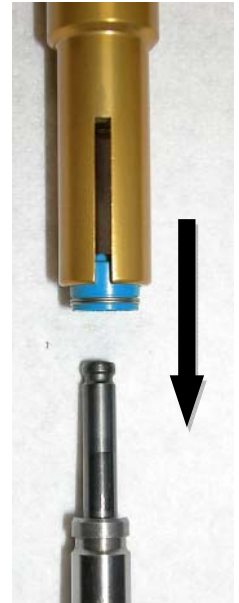
**TIP:** While lifting with one hand use other to apply slight downward pressure on opposite end of tool to prevent tool from suddenly popping up when seal releases from valve guide.



Apply light coating of motor oil to inside of new valve seal. Place seal into installation end of RIVA Valve Seal Tool. Guide seal and tool straight down over valve stem until seal seats onto valve guide completely.

Replace valve spring base washer, valve spring and retainer.

Repeat above steps for remaining valve seals working on one at a time only. Move to next cylinder and repeat entire process.



Check bilge for tools, rags, etc. Run craft on a flush kit to check for proper operation.

**Remember, the water belongs to everyone. Please ride responsibly and respect the environment!**

#### **Technical Support**

For answers to questions regarding installation or trouble shooting RIVA Performance Products contact:

RIVA Technical Support directly at (954) 247-0705 or by e-mail at [tech\\_support@rivamotorsports.com](mailto:tech_support@rivamotorsports.com).