

# PLAST-O-MATIC<sup>®</sup>

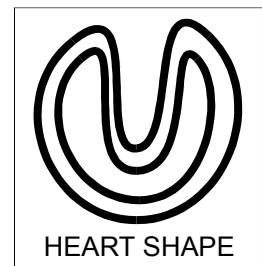
## V A L V E S , I N C .

### SEAL KIT REPLACEMENT INSTRUCTIONS FOR RVT

- Before disassembly, relieve pressure and drain fluid from the valve and piping to be opened. Take proper precautions to protect people and equipment from any residual liquid.
- Disassemble the valve in a clean environment. Prevent any dirt, grit, or fiber from getting onto the sealing surfaces or into the moving parts. Do not scratch or damage plastic parts.
- A non-scratching probe such as an orangewood stick or ball end dental pick (burnisher) should be used to remove and install O-rings, U-cups and seat gaskets.
- Pipe wrenches and vises are not recommended for plastic valves. Strap wrenches can be used in most cases.
- Refer to the valve instruction sheet for installation to piping.

#### DISASSEMBLY

1. Back off the adjusting screw to release pressure.
2. Remove the four screws and the flange ring.
3. Disassemble as shown in figures 3, 2, and 1. Tweezers may be needed to remove the U-cup inside the spring housing.
4. Remove and discard the seal kit items.



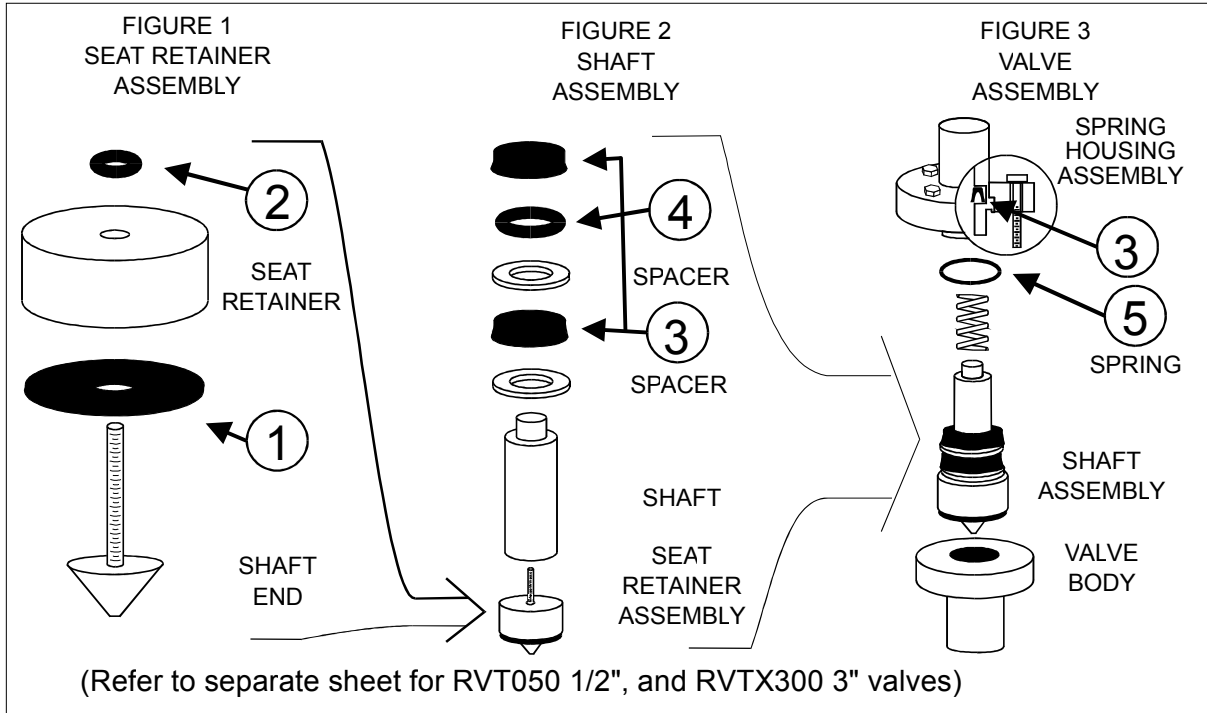
#### ASSEMBLY

1. When allowed, lubricate each item in the seal kit lightly with an appropriate lubricant.
2. (for RVT050, skip to step 4) Bend one U-cup into a heart shape and push into the groove inside the spring housing. Use a probe or your finger to hold one lobe in the groove and push the rest of the U-cup in.
3. Assemble the seat retainer assembly as shown in figure 1. Hold the shaft with a rubber sheet or glove, and screw on until tight. Do not overtighten or use any material which may scratch the teflon shaft.
4. Assemble the rest of the parts as shown in figures 2 and 3.
5. Replace the four screws, and nuts if supplied. Torque 5 to 10 inch pounds.

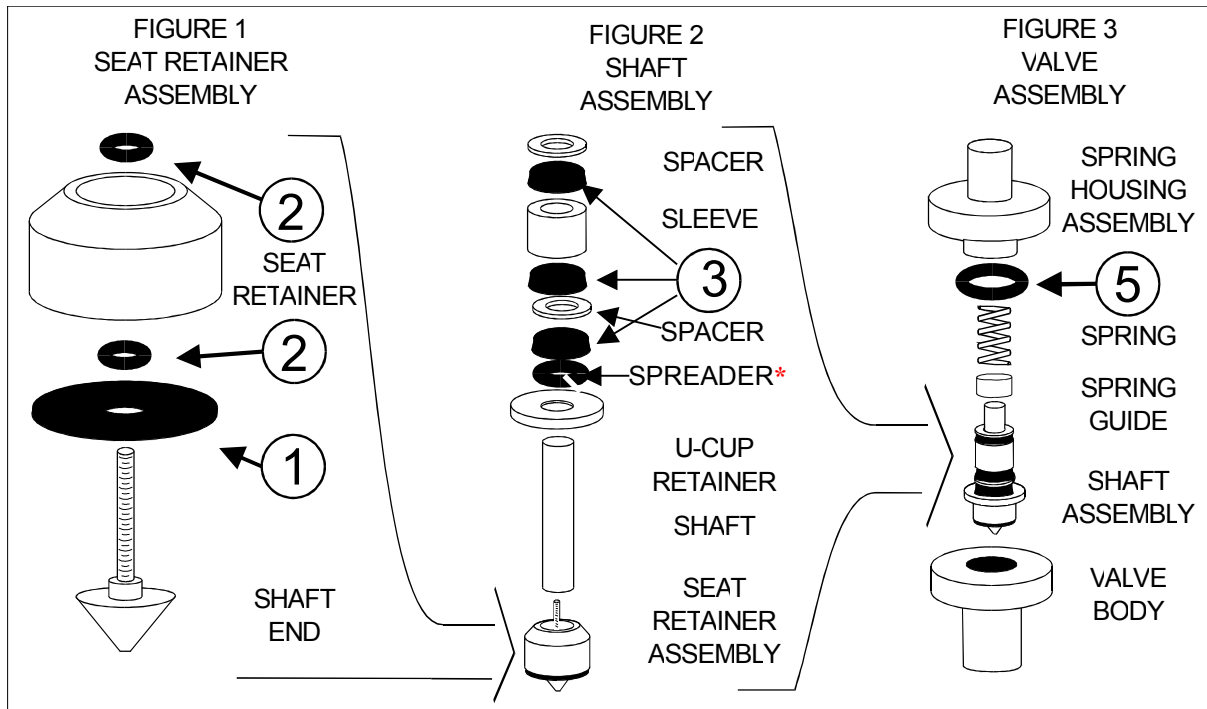
**NEED HELP? Call 1-973-256-3000, fax to 1-973-256-4745,  
or e-mail to [info@plastomatic.com](mailto:info@plastomatic.com), for Tech Support.  
(Have valve model number ready)**

Plast-O-Matic Valves, Inc. Cedar Grove, NJ 07009 USA

# RVT075, RVT100, RVT125, RVT150, RVT200 SEAL KIT



## RVT050 SEAL KIT



| Item | Qty.   | Description          |
|------|--------|----------------------|
| 1    | 1      | SEAT GASKET          |
| 2    | 1 or 2 | SEAT RETAINER O-RING |
| 3    | 3      | U-CUP SEAL           |
| 4    | 1      | SPREADER SEAL*       |
| 5    | 1      | BODY O-RING          |

\* The "spreader seal" is the o-ring that is nicked or cut to permit expansion.