

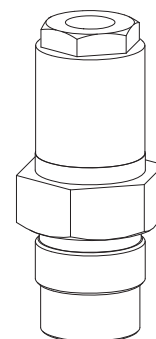
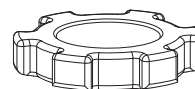
## 2-1/2" to 6" Valve Packing Cartridge Kit Installation Instructions

### Application

The YBA-652-2 valve packing cartridge kit is used for the replacement of the valve packing on 2-1/2" to 6" VB-8xx3 and VB-9xxx screwed and flanged globe valves.

Table-1 Model Chart

Packing Cartridge	Valve Application
YBA-652-2	VB-8213-0-5-12 to -16
	VB-8223-0-5-12 to -16
	VB-8303-0-5-12 to -16
	VB-9213-0-4-12, -13
	VB-9215-0-4-12, -13
	VB-9223-0-4-12, -13
	VB-9225-0-4-12, -13
	VB-9213-0-5-12 to -16
	VB-9223-0-5-12 to -16
	VB-9313-0-4-12, -13
	VB-9313-0-5-12 to -16
	VB-9315-0-4-12, -13



YBA-652-2

### Applicable Literature

- Maintenance Parts, F-26033
- EN-205 Water Systems Guidelines Engineering Information, F-26080



### Inspection

Inspect the package for damage. If damaged, notify the appropriate carrier immediately. Inspect the kit for obvious damage due to shipping. Return damaged kit.

### INSTALLATION

#### Required Installation Items

Appropriate crescent wrench

**Danger:** If the packing cartridge or nut are loosened or removed while there is water or steam pressure inside the valve and piping, the valve packing may blow out with potential of bodily injury and/or water or steam damage. Before the packing is loosened or removed, isolate the valve body using shutoff valves (if provided in the piping system) and depressurize system to zero gauge (0 psig) at the valve body. Carefully drain fluid from the isolated, depressurized part of the system.

#### YBA-652-2 Installation

1. Once system is depressurized, remove and discard old packing cartridge (internal parts are not interchangeable).
2. Clean valve stem as needed. Polish very smooth. Replace stem if scratched. See TAC Maintenance Parts, F-26033, for appropriate RYB valve repair kit
3. Apply Teflon pipe sealant (Loctite #592-41 or equivalent) to the bottom threads of the new cartridge.

**Note:** Packing nut (see Figure-1) must be threaded **only one turn** into cartridge before sliding over valve stem.

4. Thread the packing cartridge into the valve body, torque to 60 ft-lb (81.6 Nm).
5. Tighten packing nut firmly until it bottoms.

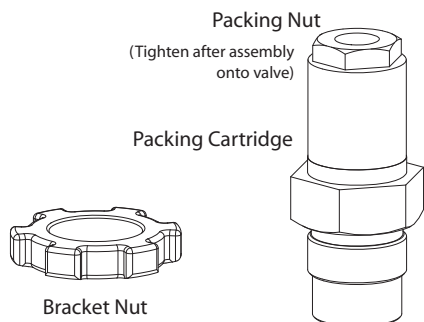


Figure-1

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**Schneider Electric**  
1354 Clifford Avenue  
P.O. Box 2940  
Loves Park, IL 61132-2940

[www.schneider-electric.com/buildings](http://www.schneider-electric.com/buildings)

