

## Seal & Cylinder Source, Inc.

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## Ram Packing Installation



### Installation:

Thoroughly clean the housing, and apply a liberal amount of grease to the housing and each seal ring of the v-packing set. Care should be taken not to re-contaminate the components after greased. Install the Ram Packing Set into the housing counter bore in the following manner. The male adapter ring is to be installed first, with the flat back of the ring towards the pressure. The intermediate seal rings are next, with the seal lips and u-channel facing pressure. The remaining female adapter is installed with the seal lips and u-channel also facing pressure.

If the Ram Packing Set is supplied split, make sure the ends come together after the seal rings are completely tucked into the counter bore. There should be no visible gap at the split. Each seal ring, including adapters, is to have the split offset clockwise from each other by 120°. This prevents all of the split gaps being lined up with one another.

Once the Ram Packing Set is fully installed into the stuffing box, apply the remaining machine components such as the gland retainer ring, bolts and spacers. Push the gland retainer ring into the stuffing box to lightly load the packing. Insert the spacers and bolts and torque to specification. Do not over compress the packing and monitor the potential of higher than normal operating temperatures if the packing is over-compressed. Reduce compression as necessary. Conversely, if further compression of the Ram Packing Set is required, remove spacers as necessary to re-load the packing.

Do not use any installation tool with a sharp edge, which could cause damage to the v-packing set. Appropriate lead-in chamfers on both rod and housing counter bore are necessary and recommended. Rubber hammers and non-aggressive wooden or plastic installation tools are recommended. Any existing pits, scratches, dings etc. to the ram must be cleaned up prior to the operation with the new v-packing.

### Storage:

Seal & Cylinder Source, Inc. recommends that the Ram Packing Set be stored in their original package and kept in a dry and cool environment. The male & female adapter rings are always supplied split to optimize support for the intermediate rings, which may be supplied split or endless.

