

# Quick Instructions For Cush or Hendrickson Bushing Tool



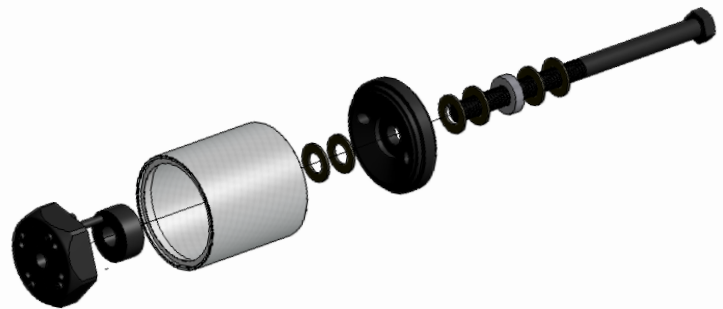
## Section 1

### Removal of Old Bushing:

1. **Note: This tool fits Cush C0052 standard bushing with dimensions of 6" outer diameter X 6 3/4" long and an inner sleeve diameter of 1 1/4", or C3511 narrow bushing with 6" outer diameter.**
2. Mark the void orientation of the bushing on the beam eye to ensure that when you replace with the new bushing the orientation of the voids remains the same.
3. Before using this tool lubricate the washers, thrust bearing, threads of bolt, and reduction sleeve.
4. Assemble the Hendrickson Bushing Tool in order starting at the head end of the bolt. First side should start with 2 washers, thrust bearing, 2 more washers, cap, then reduction sleeve and tube. Now insert bolt through bushing. Second side on opposite side of the bushing place the spacer, then drive plate. (Set screws go in drive plate and fit into voids of bushing while pulling).
5. Turn bolt by hand until everything is snug and tightly in place, then use air impact and socket on the head end of the bolt to continue to pull bushing all the way through into reduction tube.

### Tools Required:

- Bushing and Tool Lubricant
- 3/4" Drive Air Impact Gun
- 1 11/16" Impact Socket



## Section 2

### Pushing New Bushing:

1. Make sure to use the correct orientation of the new bushing voids, lubricate the bushing and inside of "cleaned" reduction tube. Then place bushing inside of reduction tube.
2. Assemble the tool starting with the head of the bolt again. First place 2 washers, thrust bearing, 2 washers, the cap and then 2 more washers. Now put bolt through beam eye with cap tight against empty bushing housing side. Place bushing with reduction tube and sleeve onto the bolt end. Now thread drive plate with short set screws onto bolt until hand tight (spacer not required), concave side of plate facing bushing. Make sure bushing is still at proper orientation.
3. Use air drive impact and begin tightening the bolt until reduction tube falls off.
4. After bushing is through reduction tube, continue to tighten the bolt until it stops. Now loosen bolt and remove all parts. Check to make sure bushing is centered properly before reinstalling beam.

