

SPRING RETAINER TOOL

IMPORTANT: If you have any questions concerning the use of this special service tool, contact our Technical Service Department.

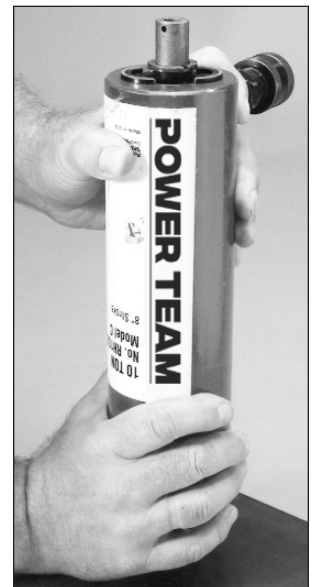
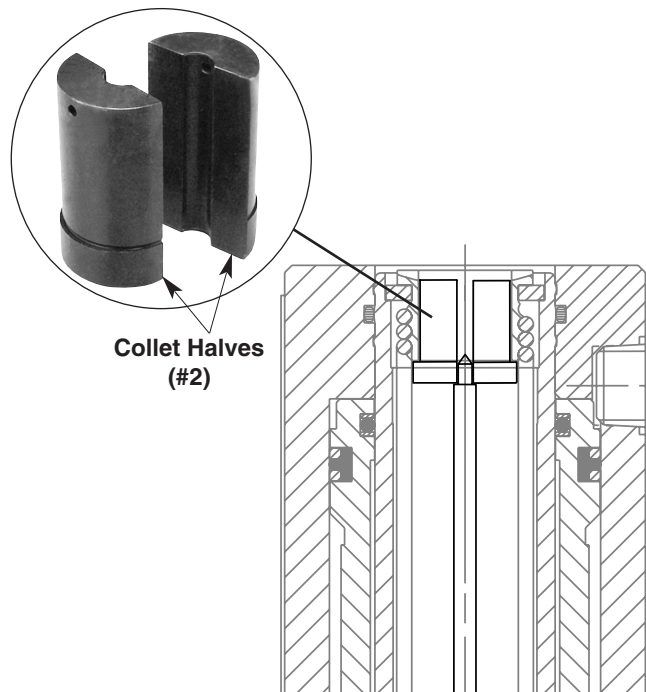
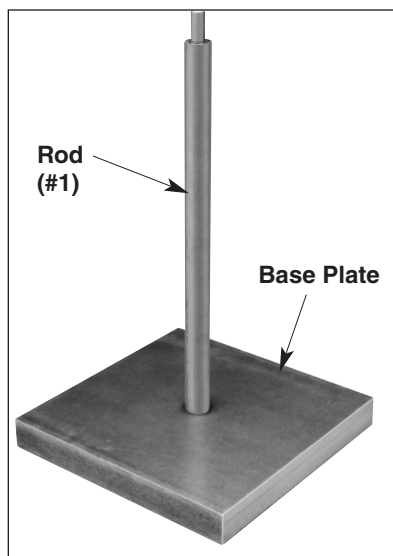
NOTE: This tool is designed to remove and install the lower spring retainer in RH series cylinders. Use ST-010H for 10 ton cylinders; ST-020H for 20 ton cylinders; ST-030H for 30 ton cylinders; and ST-050 for 50 ton cylinders.

1. Remove the quick disconnect (#9796).
2. Thread rod (#1) onto base plate.
3. Position the cylinder over the rod (#1) so that the top of the rod is approximately 1" below the surface of the cylinder base.
4. Install the appropriate size of collet set (#2) into the center hole and lower onto the rod. As the rod goes into the collet halves, they spread and engage the spring retainer.
5. Apply pressure down on the cylinder to stretch the spring enough to allow the spring retainer to be pushed out of position with a screwdriver. **Note: This step may require the use of a small press.**



WARNING: Use a small screwdriver to remove spring retainer. NEVER use your fingers!

6. Install the spring retainer in the same manner as the steps above.



NOTE: This Power Team tool is designed to specifications identical to the tools in use in our factory and is covered by our lifetime warranty in regard to factory defects. However, because of the nature of the application, wear and breakage specifically are excluded. Follow this instruction sheet closely to maximize the tool life.