

## PRINCE RD-51 SERIES

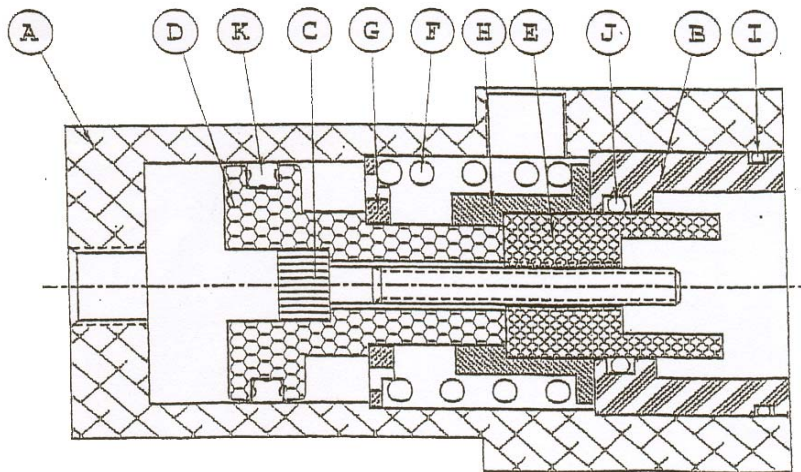
### INSTALLATION INSTRUCTIONS C-3551-DM

#### **Prepare Valve for Installation:**

1. Make sure that valve spool and valve face is free of any foreign particles.
2. Remove four capscrew holding spring cover on valve housing. (discard cover)
3. Remove sockethead capscrew holding spring cups and spring. Discard capscrew, spring cups, spring, and spacer washers. (Note: Square spacer needs to be removed.)

#### **Installation of Cylinder:**

1. Cylinder does not have to be disassembled to install.
2. Apply loctite to threaded portion of valve spool.
3. Secure cylinder to valve spool by using a 3/16" hex wrench in rear fitting port of cylinder. Tighten firmly by holding spool on opposing end.
4. Using a 3/16" hex wrench secure cylinder housing to valve housing with four capscrews.
5. Test for proper alignment by turning valve spool with the 3/16" hex wrench. Valve spool should rotate freely.
6. Install fittings and air lines and test for proper operation.



C-3551-DM Rev. B  
Approved 10-18-05  
Ken Thompson