

HCS Brief

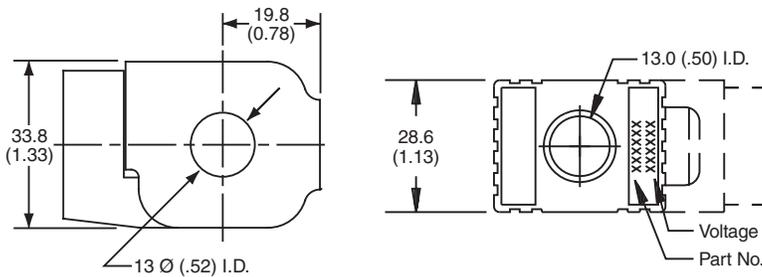
Hydraulic Cartridge Systems

Tech Brief TB-0007

Winner's Circle Solenoid Valves with Waterman DS Coils

As Parker acquired numerous companies over the years (Gresen, Racine, Waterman, Sterling, FPS, CEC), we have been working to convert all of the legacy product to this current product design in our catalog.

For the Waterman Solenoid Cartridge Valves that used the old DS coils, we have been crossing these to current Winner Circle Valves with the Super Coil when able. We understand that there are cases where the spacing of the valves in a manifold do not allow for the use of the Super Coil due to the width of the Super Coil (1.33" for the 1/2" CC and 1.43" for the 5/8" CA) being slightly larger than the DS coil (1.13" for the 1/2" DS and 1.25" for the 5/8" DS). Below is an example showing this for the 1/2" coils:

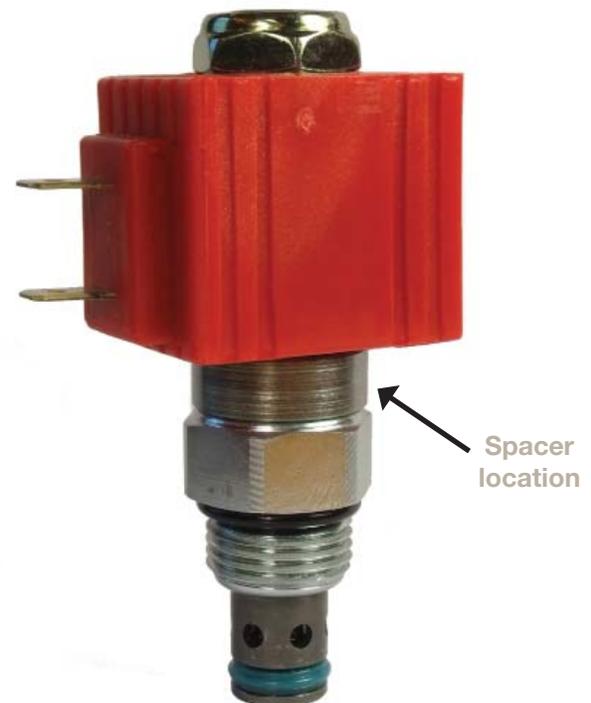


To accommodate our customer's needs, the DS coil can be used on the Winner's Circle valves with the use of a spacer. The use of this spacer allows for the coil nut to hold the coil in place since the tube length of the Winner's Circle valve is longer than the Waterman valve. We have designed the following spacers for this use:

- For 1/2" coils: Part #126845-01
- For 5/8" coils: Part #126845-02

These spacers can be obtained in kits containing 25 spacers per kit. Install spacer below coil (as seen in the image).

Testing of Winner's Circle valves using the DS coil and spacer have found negligible difference in the pull-in current and drop-out current of the coil.



More Information

Parker Solenoid Valves are available from the Hydraulic Cartridge Systems Division. Consult your HCS catalog or www.parker.com/hcs for more information. You can also contact a Product Manager or Technical Support Specialist for help at 847-955-5000 or HCSTechnical@parker.com.