

# HCS Brief

## Hydraulic Cartridge Systems

## Tech Brief

### TB-0016

## Unicoil to Super Coil Cross Reference

Parker-HCS division has provided our customer's various types of coils to operate our solenoid cartridge valves. With the release of the more robust Super Coil series, the Unicoil will be discontinued.

Since both the Unicoil (low wattage) and Super Coil (available in low wattage and high wattage) are interchangeable and fit the same valves, Parker HCS has decided to phase out the Unicoil series, with plans of completing the phase out by July, 2014.

The Super Coil advantages are:

- Exceeds IP69K specifications
- UL Listed - All CC and CA series Super coils **(except LD, PM, PF terminations)**
- Water Dunk Test Qualified
- Endurance Tested
- Water Spray and Chemical Solvent Compatibility

To assist our customers with converting the Unicoil to Super Coil product, we have created the following chart converting the more common Unicoils to Super Coils. If there is a Unicoil not listed, please contact Parker HCS for technical assistance.

Termination	1/2" Unicoil (XXX = 3 digit voltage)	1/2" Low Watt Super Coil (XXX = 3 digit voltage)	1/2" High Watt Super Coil (XXX = 3 digit voltage)
<b>Amp Junior (DC only)</b>	S8LJDXXX	CCSXXXA	CCPXXXA
<b>Amp Junior w/Diode (DC only)</b>	S8LJRDXXX	CCSXXXAD	CCPXXXAD
<b>Conduit w/Lead Wires (AC only)</b>	S8LCAXXX	CCSXXXC	CCPXXXC
<b>Din (Diode not available)</b>	S8LDDXXX	CCSXXXD	CCPXXXD
<b>Dual Lead Wire (DC only)</b>	S8LWDXXX	CCSXXXL	CCPXXXL
<b>Dual Lead Wire w/Deutsch (DC only)</b>	S8LWD12DXXX	CCSXXXLD	CCPXXXLD
<b>Dual Lead Wire w/Diode (DC only)</b>	S8LWRDXXX	CCSXXXLE	CCPXXXLE
<b>Dual Screw (DC only)</b>	S8LSDXXX	CCSXXXW	CCPXXXW
<b>Dual Spade (DC only)</b>	S8LPDXXX	CCSXXXS	CCPXXXS
<b>Metri-pak (DC only)</b>	S8LMDXXX	CCSXXXL (Dual lead wire - Metri-pak not available)	CCPXXXL (Dual lead wire - Metri-pak not available)
<b>Single Screw (DC only)</b>	S8LS1DXXX	CCSXXXY	CCPXXXY
<b>Weather Pack Shroud (DC only)</b>	S8LWSDXXX	CCSXXXPM	CCPXXXPM

Termination	5/8" Unicoil (XXX = 3 digit voltage)	5/8" Low Watt Super Coil (XXX - 3 digit voltage)	5/8" High Watt Super Coil (XXX = 3 digit voltage)
Amp Junior (DC only)	S10LJDXXX	CASXXXA	CAPXXXA
Amp Junior w/Diode (DC only)	S10LJRDXXX	CASXXXAD	CAPXXXAD
Conduit w/Lead Wires (AC only)	S10LCAXXX	CASXXXC	CAPXXXC
Din (Diode not available)	S10LDDXXX	CASXXXD	CAPXXXD
Dual Lead Wire (DC only)	S10LWDXXX	CASXXXL	CAPXXXL
Dual Lead Wire w/Deutsch (DC only)	S10LWD12DXXX	CASXXXLD	CAPXXXLD
Dual Lead Wire w/Diode (DC only)	S10LWRDXXX	CASXXXLE	CAPXXXLE
Dual Screw (DC only)	S10LSDXXX	CASXXXW	CAPXXXW
Dual Spade (DC only)	S10LPDXXX	CASXXXS	CAPXXXS
Metri-pak (DC only)	S10LMDXXX	CASXXXL (Dual lead wire - Metri-pak not available)	CAPXXXL (Dual lead wire - Metri-pak not available)
Single Screw (DC only)	S10LMDXXX	CASXXXY	CAPXXXY
Weather Pack Shroud (DC only)	S10LWSDXXX	CASXXXPM	CAPXXXPM

### More Information

Parker coils are available from the Hydraulic Cartridge Systems Division. Consult your HCS catalog or [www.parker.com/hcs](http://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](mailto:HCSTechnical@parker.com).

