

NO. 25F      DATE: March 1, 1998       APPLICATION       SERVICE

**SUBJECT: ALTRONIC INTEGRAL COIL APPLICATIONS  
591007, 591008, 591011A, 591011B**

Altronic integral coils directly mate to two types of spark plugs made for that specific application. In addition, 3/4"-20 shielded spark plugs can adapt to Altronic integral coils with adaptor/extensions available in two series, each in two lengths.

The 591011A/591011B integral coils mate directly to 13/16"-20 externally-threaded spark plugs. The 591007/591008 integral coils mate directly to 1"-20 internally-threaded spark plugs. Altronic's line of integral coils and adaptor/extensions is summarized in the tables below.

**INTEGRAL COILS:**

591011A 591011B	APPLICATION:	With 13/16"-20 external thread spark plugs
	SIZE:	1.25" diameter x 6.1" length (591011A) 1.25" diameter x 10.8" length (591011B)
591007 591008	APPLICATION:	With 1"-20 internal thread spark plugs
	SIZE:	1.25" diameter x 5.6" length

**ADAPTOR/EXTENSIONS FOR 591007/591008 COILS:**

593120-1 593120-5	APPLICATION:	With 3/4"-20 x 1" depth shielded spark plugs
	SPECIFICATION:	1" or 5" length; teflon insulation
	ENGINE TYPES:	4-cycle engines ONLY
593130-1 593130-5	APPLICATION:	With 3/4"-20 x 2" depth shielded spark plugs
	SPECIFICATION:	1" or 5" length; ceramic insulation
	ENGINE TYPES:	2-cycle and 4-cycle engines

NOTE CSA certification of the 5" length adaptors is dependent on some form of mechanical support being provided for the coil or adaptor.

**APPLICATION CHART ON BACK SIDE**

**INTEGRAL COIL APPLICATIONS**

<b>SPARK PLUG MATING THREAD</b>	<b>13/16"-20 MALE</b>	<b>1"-20 FEMALE</b>	<b>3/4"-20 X 1" MALE</b>	<b>3/4"-20 X 2" MALE</b>
<b>SPARK PLUG MANUFACTURER</b>				
BG SPARK PLUG	--	--	Suffix SD	--
CHAMPION SPARK PLUG	RT, T	RGC, RGM	RHB, RHL, RHN, RHM (check catalog) RHW (check catalog)	RHM78PP RHW77N RHW78N RHW80N
STITT SPARK PLUG	CP-M	CP, DCP	S	S-2
<b>COIL APPLICATIONS</b>				
591007 591008	None	Direct Mounted	With Adaptor 593120-1/-5	With Adaptor 593130-1/-5
591011A 591011B	Direct Mounted	None	None	None
<b>COMMON ENGINE APPLICATIONS</b>				
AJAX	591011A	591007		591007 with 593130-1
CATERPILLAR G3300 Series	591011A	591007	591007 with 593120-1	
CATERPILLAR G3400 Series	591011B		591007 with 593120-5	
CATERPILLAR G379, G398, G399	591011A	591007	591007 with 593120-1	
CLARK		591007 591008		591007 / 008 with 593130-1
COOPER BESSEMER		591007 591008		591007 / 008 with 593130-5
CUMMINS	591011B		591007 with 593120-5	
INGERSOLL RAND		591007 591008	591007 / 008 with 593120-1	591007 / 008 with 593130-1
WAUKESHA VHP	591011B		591007 with 593120-5	