

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

SPARK PLUG MATING THREAD	13/16"-20 MALE	1"-20 FEMALE	3/4"-20 X 1" MALE	3/4"-20 X 2" MALE
SPARK PLUG MANUFACTURER				
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
COIL APPLICATIONS				
591007 591008	None	Direct Mounted	With Adaptor 593120-1/-5	With Adaptor 593130-1/-5
591011A 591011B	Direct Mounted	None	None	None
COMMON ENGINE APPLICATIONS				
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	