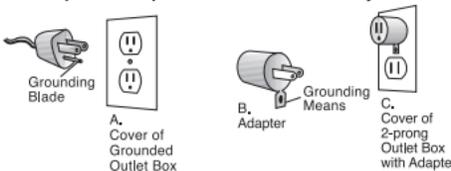




Before using your Freedom power tool, please read all safety instructions. They are for your protection and should always be followed to reduce the risk of personal injury or damage to the tool.

Always wear proper eye and face protection. Safety glasses or face shields should be worn whenever you operate a Freedom or any power tool to prevent serious eye or face injuries.

Replace or repair worn cord immediately.



Fuse compartment and spare fuse are located below detachable power cord receptacle.



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FOREDOM[®]

C.EMX & C.EM DIAL CONTROL INSTRUCTIONS



CONNECTING TABLE-TOP DIAL SPEED CONTROL

(Check label on bottom of control to confirm model number.)

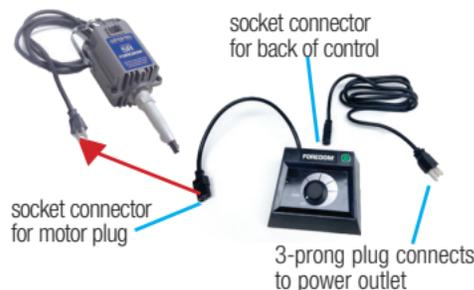
! Make sure motor switch is in the OFF position prior to starting.

C.EMX DIAL SPEED CONTROL



TX, TXB, LX, and LXB motors can also use the EMX dial speed control on AC current.

C.EM DIAL SPEED CONTROL



SR motors can also be used with the C.EM-1 (115 Volt) or C.EMH-2 (230 Volt) dial speed control on AC current.

1. Plug the 3-prong power cord from the motor into the short cord on the dial control.
2. Connect the detachable power cord to the dial control outlet on the back and into a proper 3-prong outlet.

3. Holding the handpiece in your hand, turn the dial starting out slowly and gradually increasing the speed.
4. Overloading the motor may blow the fuse. The fuse can be found below the detachable power cord receptacle. (See back page.)

C.EMX AND C.EM DIAL CONTROL SPEED SETTINGS

Finding the right speed for any specific task is a matter of experimentation and experience. The dial control can be used on more than one motor model, estimating the speed setting requires the user to know the motor's speed range.

M.LX motor speed range is 500 – 5,000 rpm.

TX motor speed range is 500 – 15,000 rpm.

SR motor speed range is 500 – 18,000 rpm.

START: When you turn the dial on the speed control to the initial starting point where the motor turns on this would be the bottom of the speed range at 500 rpm.



MAX: The dial is turned all the way up to its highest setting.
5,000 rpm for the LX
15,000 rpm for the TX
18,000 rpm for the SR motor.



Dial Position

		1/4 way from start	1/2 way from start	3/4 way from start
Motor Type	LX	Approximately 1,250 rpm	Approximately 2,500 rpm	Approximately 3,750 rpm
	TX	Approximately 3,750 rpm	Approximately 7,500 rpm	Approximately 11,250 rpm
	SR	Approximately 4,500 rpm	Approximately 9,000 rpm	Approximately 13,500 rpm

Determining speeds: Divide up the speed range on the dial in between the highest and lowest settings. This will give you an approximate speed setting for your type of motor.