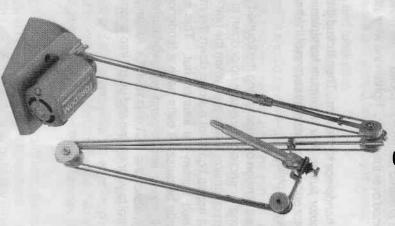
FOREDOM

Owner's Manual **Dental Engine** Model 21B for the



For Your Own Safety:

- Read Owner's Manual before operating your Foredom power tool.
- Always wear eye protection while using power tools.

FOREDOM ALLCORD ENGINES

used and maintained. precision and performance and will give you many years of service if properly Your FOREDOM® allcord engine has been manufactured to high standards of

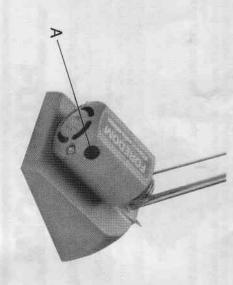
components and accessories you ordered before discarding the packing When you receive your engine be sure to locate and identify all the parts, materials

ASSEMBLY INSTRUCTIONS

in the base. the arm is positioned over the motor. Tighten the winged nut to secure the arm Insert the allcord arm into the hole provided in the motor base. Be sure that

starting at the motor pulley. For maximum handpiece speed use the large handpiece has a dual pulley). section of the motor pulley and the small section of the handpiece pulley (if your Next, attach the handpiece to the arm. Then thread the belt over the pulleys

it doesn't slip but not so tight that it slows down the motor. When the right AC/DC) foot control to your engine and plug it into a convenient power source. humidity. Finally, attach the ECT-1 (110-120V AC only) or CFL-15 (110/220 checked frequently because all belts have a tendency to stretch with use. tension is obtained tighten the knurled nut. This adjustment should be tension. The correct tension is achieved when the belt is tight enough so that and sliding the smaller section of the arm up or down to increase or decrease Now adjust the belt tension by unscrewing the knurled nut on the allcord arm Cotton belts will shrink and expand with variations in temperature and



OPERATION

described above can increase or decrease handpiece speed ranges. A 3motor base. position switch marked "Forward, Off, and Reverse" is mounted on the handpiece speeds up to 17,000 RPM. To operate your FOREDOM® engine, step on the foot control. It gives you Various pulley combinations

to come to a complete stop before reversing. CAUTION: Never reverse the motor while it is running. Always allow it

SERVICE

The following service can and should be done by the user:

- Cleaning and lubrication
- Replacement of motor brushes
- Replacement of belts
- Replacement of handpiece collets

promptly when requested. through your dealer you may send your equipment directly to the factory marked: "Attention: Service Dept." Estimates on any repairs are given promptly and at reasonable cost. If it is not convenient to arrange for service FOREDOM equipment returned to the factory. Factory repairs are made Other service and repairs should be done only by a competent repairman or shop. Your dealer can help you select one or he can arrange to have your

CLEANING AND LUBRICATION

it becomes frayed. be wiped off of the engine periodically and the belt should be changed when surfaces as this tends to collect dirt. All engine belts produce lint. This should be kept as free of dust and dirt as possible. Always keep oil off of exposed Your FOREDOM ball bearing motor does not require lubrication, but it should

off the pulleys. pulley bearings from the inside. Do not apply oil in any other way as it will fly and apply 2 or 3 drops of FOREDOM oil to felt washers. This lubricates the The allcord arm should be oiled every 8 hours of use. Remove pulley screws

REPLACEMENT OF MOTOR BRUSHES

are approximately 1/2" long. They should be replaced when they have worn 1). When replacing them be sure that the contour of the brush matches the to 1/4". To remove the brushes, simply unscrew brush caps "A" The motor brushes should be checked periodically for wear. When new, they

REPLACEMENT OF BELTS

Replacement of belts is covered in the installation instructions above.

REPLACEMENT OF HANDPIECE COLLETS

No. 1202D Replacement of handpiece collets is covered in Foredom® instructions

RECOMMENDED SPARE PARTS

engine: hand to ensure continuous operation of your Model 21B FOREDOM The following parts and supplies are recommended as spares to keep on

- Engine Belt, 8'6" long (Part No. AC-86)
- Pair of Motor brushes (Part No. 229P)
- FOREDOM oiler (Part No. 10005)

all the data on the name plate located on the motor. IMPORTANT: When ordering spare parts please be sure to give

LIMITED WARRANTY

Foredom warrants its product to be free of defects in material or workmanship for a period of one year after purchase. During the warranty period, the defective product will be repaired or replaced without charge or, at our option, the purchase price will be refunded. This warranty does not cover damage caused in transit or by accident, misuse, or ordinary

ability, are hereby limited in duration to a period ending one year from date of purchase, and we will not be liable or responsible for any special or consequential All implied warranties, including not limited to warranties of fitness and merchant-

Repair or replacement will be made if the product is returned post-paid to:

The Foredom Electric Company 16 Stony Hill Road, Bethel, CT 06801

All warranty repairs must be done at the factory at the address above. We will not pay any

shipping or transportation charges.

This warranty only covers the original purchaser of the product.

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Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may

also have other rights which vary from state to state

THE FOREDOM ELECTRIC CO.

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