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DENTAL EQUIPMENT

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INSTRUCTIONS

BACKING PLATE REMOVAL REINSTALLATION

FOR USE WITH

BACK PLATE REMOVAL TOOL CAT. No. M816

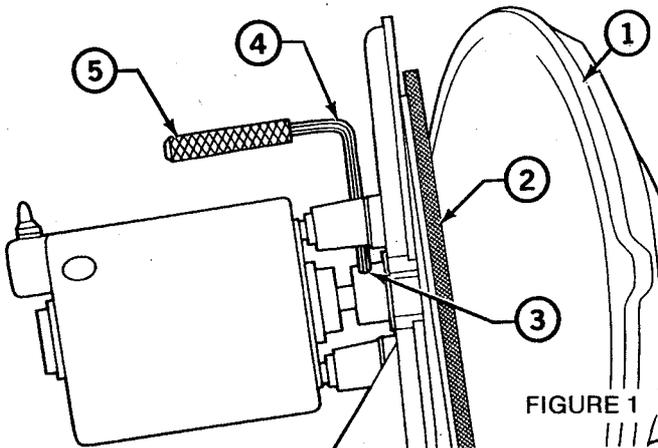


FIGURE 1

1. Open the door (1) of the model trimmer and remove the abrasive wheel (2).
2. Apply a liberal amount of penetrating oil (WD-40 or similar works well) to the arbor hole of the aluminum back plate and set screw (3) located on the shank portion of the back plate directly in front of the motor.

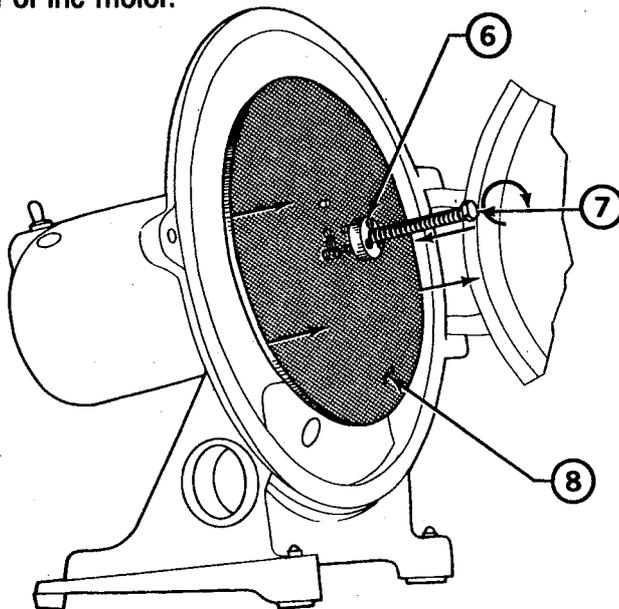
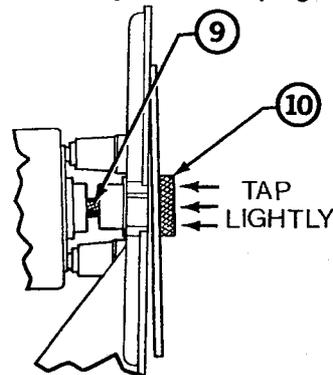


FIGURE 2

3. Insert the long arm of 5/32" hex wrench (4) provided with the tool into the set screw. Using a pair of pliers or "cheater bar" (5) as leverage, grip the short end of the hex wrench and turn counter clockwise to loosen and remove the set screw.

4. Screw the hub (6) of the tool secure to the center of the back plate as illustrated
5. Screw the large bolt (7) through the center of the hub until it comes in contact with the shaft of the motor.
6. Grip the head of the bolt with an open end wrench or adjustable wrench while holding the back plate (8) with your hand to prevent it from rotating, then slowly turn the bolt clockwise until the back plate (8) is removed from the shaft (9) of the motor.
7. Before replacing or reinstalling the aluminum back plate, carefully examine the motor shaft (9) and remove any burrs left on the shaft from the set screw. A fine cut flat file works best for this purpose.
8. To reinstall the back plate (8), align the set screw with the keyway or flat surface of the motor shaft (9) and slide it onto the shaft, light tapping might be necessary, hold a block of wood (10) on the center of the plate and tap lightly on the wood. Do



not tap directly on the back plate. Do not use excessive force. Additional light filing might be necessary to remove any burrs or marks on the motor shaft.

9. Tighten the set screw by again inserting the long arm of the hex wrench into the socket of the set screw and tighten using pliers or a "cheater bar" as leverage.