INSTRUCTION MANUAL
GUIDE D'UTILISATION
MANUAL DE INSTRUCCIONES

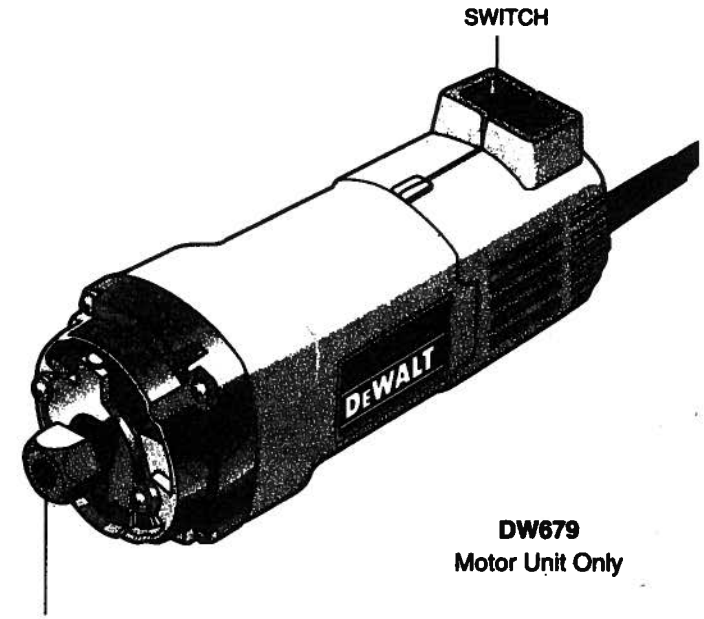
DEWALT®

DW670, DW671, DW672, DW673, DW674, DW679

Laminate Trimmers
Dresseuses à stratifié
Recortador de enchapados

English

IF YOU HAVE ANY QUESTIONS OR COMMENTS ABOUT THIS OR ANY DEWALT TOOL, CALL US TOLL FREE AT:
1-800-4-DEWALT (1-800-433-9258)



DW679
Motor Unit Only

DEWALT... BUILT JOBSITE TOUGH

DEWALT high performance industrial tools are made for America's toughest industrial and construction applications. The design of every tool in the line—from drills to sanders to grinders—is the result of rigorous use on jobsites and throughout industry. Each tool is produced with painstaking precision using advanced manufacturing systems and intense quality control. Every tool is checked before it leaves the factory to make sure that it meets your standards for durability, reliability and power.

DEWALT Built Jobsite Tough...WE GUARANTEE IT.

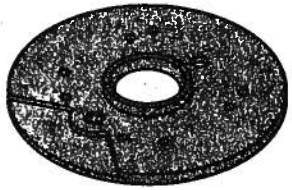
DW670 Motor Unit and Trim Base (DW6075) with Copy Follower
DW671 Motor Unit and Tilting Base (DW6706) with Copy Follower
DW672 Motor Unit and Offset Base (DW6707)
DW673K Motor Unit with: Trim Base (DW6075) Offset Base (DW6707) Tilting Base (DW6706) Seaming Base (DW6708) 5" Round Base (DW6073)
DW674 Motor Unit and Seaming Base (DW6708)

Trim Base (DW6075)

Tilting Base (DW6706)

English

Offset Base (DW6707)



Round Base (DW6073)

Seaming Base (DW6708)

English

Important Safety Instructions (For all tools)

WARNING: When using electric tools, basic safety precautions should always be followed to reduce risk of fire, electric shock, and personal injury, including the following:

READ ALL INSTRUCTIONS

- ***KEEP WORK AREA CLEAN.*** *Cluttered areas and benches invite injuries.*
- ***CONSIDER WORK AREA ENVIRONMENT.*** *Don't expose power tools to rain. Don't use power tools in damp or wet locations. Keep work area well lit.*
- ***GUARD AGAINST ELECTRIC SHOCK.*** *Prevent body contact with grounded surfaces; for example, pipes, radiators, ranges, and refrigerator enclosures.*
- ***KEEP CHILDREN AWAY.*** *All visitors should be kept away from work area. Do not let visitors contact tool or extension cord.*
- ***STORE IDLE TOOLS.*** *When not in use, tools should be stored in dry, and high or locked-up place — out of reach of children.*
- ***DON'T FORCE A TOOL.*** *It will do the job better and safer at the rate for which it was intended.*
- ***USE RIGHT TOOL.*** *Don't force small tool or attachment to do the job of a heavy duty tool. Don't use tool for purpose not intended; for example, don't use circular saw for cutting tree limbs or logs.*
- ***DRESS PROPERLY.*** *Do not wear loose clothing or jewelry. They can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.*
- ***USE SAFETY GLASSES.*** *Also use face or dustmask if operation is dusty.*
- ***DON'T ABUSE CORD.*** *Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.*
- ***SECURE WORK.*** *Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.*
- ***DON'T OVERREACH.*** *Keep proper footing and balance at times.*
- ***MAINTAIN TOOLS WITH CARE.*** *Keep tools sharp and clean i better and safe performance. Follow instructions for lubricating a changing accessories. Inspect tool cords periodically and damaged have repaired by authorized service facility. Inspe extension cords periodically and replace if damaged. Ke handles dry, clean, and free from oil and grease.*
- ***DISCONNECT OR LOCK OFF TOOLS*** *when not in use, befc servicing, and when changing accessories, such as blades, b cutters.*
- ***REMOVE ADJUSTING KEYS AND WRENCHES.*** *Form habi checking to see that keys and adjusting wrenches are remov from tool before turning it on.*
- ***AVOID UNINTENTIONAL STARTING.*** *Don't carry plugged-in t with finger on the switch. Be sure the switch is off when plugg in.*
- ***OUTDOOR USE EXTENSION CORDS.*** *When tool is us outdoors, use only extension cords intended for use outdoors a so marked.*
- ***STAY ALERT.*** *Watch what you are doing. Use common sen Do not operate tool when you are tired.*
- ***CHECK DAMAGED PARTS.*** *Before further use of the too guard or other part that is damaged should be carefully chec to determine that it will operate properly and perform its inten function. Check for alignment of moving parts, binding of mo parts, breakage of parts, mounting, and any other conditions may affect its operation. A guard or other part that is defec should be properly repaired or replaced by an authorized ser center unless otherwise indicated elsewhere in this instruc manual. Have defective switches replaced by authorized ser center. Do not use tool if switch does not turn it on and off.*

- ***DO NOT OPERATE*** *portable electric tools near flammable liquids or in gaseous or explosive atmospheres. Motors in these tools normally spark, and the sparks might ignite fumes.*

SAVE THESE INSTRUCTIONS

Additional Safety Instructions for Laminate Trimmers

- ***DISCONNECT PLUG FROM POWER SUPPLY*** *before making adjustments or changing bits.*
- ***ALWAYS WEAR EYE PROTECTION.***
- ***MAKE SURE*** *that the work piece is properly secured.*
- ***KEEP CORD AWAY FROM CUTTING AREA*** *so that it will not get caught or hung up in the work.*
- ***MAKE SURE*** *trimmer bit is clear of work piece before turning unit on.*
- ***KEEP HANDS AWAY*** *from cutter when tool is running to prevent personal injury.*
- ***HOLD TOOL FIRMLY*** *to prevent loss of control which could cause personal injury.*
- ***BE SURE*** *motor has come to a complete stop before setting tool down between operations.*
- ***DO NOT*** *touch trimmer bits after use- they may be extremely hot.*
- ***NEVER*** *tighten collet nut without bit installed. This will cause damage to collet.*
- *For use on wood and plastic only.*
- ***ALWAYS*** *use chip guard while unit is on.*
- *In the event the unit is not working properly, take unit to closest DeWALT certified service center for repair.*
- ***ALWAYS*** *tighten base onto motor pack before use.*

SAVE THESE INSTRUCTIONS

Double Insulation

Double insulated tools are constructed throughout with two separate layers of electrical insulation or one double thickness of insulation between you and the tool's electrical system.

Tools built with this insulation system are not intended to be grounded. As a result, your tool is equipped with a two prong plug which permits you to use extension cords without concern for maintaining a ground connection.

NOTE: Double insulation does not take the place of normal safety precautions when operating this tool. The insulation system is for added protection against injury resulting from a possible electrical insulation failure within the tool.

CAUTION: When servicing all tools, USE IDENTICAL REPLACEMENT PARTS. Repair or replace damaged cords.

Polarized Plug

Polarized plugs (one balde is wider than the other) are used on equipment to reduce the risk of electric shock. When provided, this plug will fit in a polarized outlet only one way. If the plug does not fit fully into your outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install a proper polarized outlet. Do not modify or change this plug in any way.

English

Extension Cords

Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. Table 1 shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gage. The smaller the gage number, the heavier the cord.

Table 1

Minimum Gage for Cord Sets

Volts	Total Length of Cord in Feet			
120V	0-25	26-50	51-100	101-150
240V	0-50	51-100	101-200	201-300
Ampere Rating				
More Than / Not more Than	American Wire Gage			
0 - 6	18	16	16	14
6 - 10	18	16	14	12
10 - 12	16	16	14	12
12 - 16	14	12	Not Recommended	

Motor

Be sure your power supply agrees with nameplate marking.

120 AC means your tool may be operated only with alternating current and never with direct current.

Voltage decrease of more than 10% will cause loss of power and overheating. All tools are factory tested; if this tool does not operate, check the power supply.

Switch

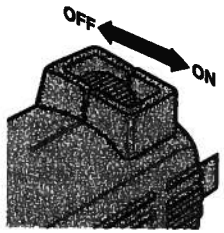
To start the motor, slide the switch to on position. To stop the m slide the switch to off position. (See FIG. 1)

Installing and Removing the Bit

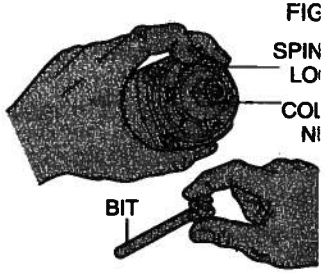
(For units with trim base, tilting base, seaming base, or 5" r base) **NOTE:** Bits must be installed with the motor unit removed base.TURN OFF TOOL AND DISCONNECT FROM PO SUPPLY BEFORE INSTALLING OR REMOVING BIT.

1. ***To install bit,*** insert shank of bit into collet as far as it will g then withdraw bit approximately 1/16".
2. Depress spindle lock and rotate collet nut clockwise until engages hole in motor spindle. (See FIG. 2)
3. With spindle lock engaged, tighten collet nut securely by tu clockwise using wrench provided.
4. ***To remove bit,*** depress spindle lock and rotate colle counterclockwise until lock engages hole in motor spindle.
5. While holding spindle lock engaged, loosen collet nut by tu counterclockwise with wrench provided.
6. If bit does not remove with ease, tap the collet nut with a wr to release the bit.

FIG. 1



FIG



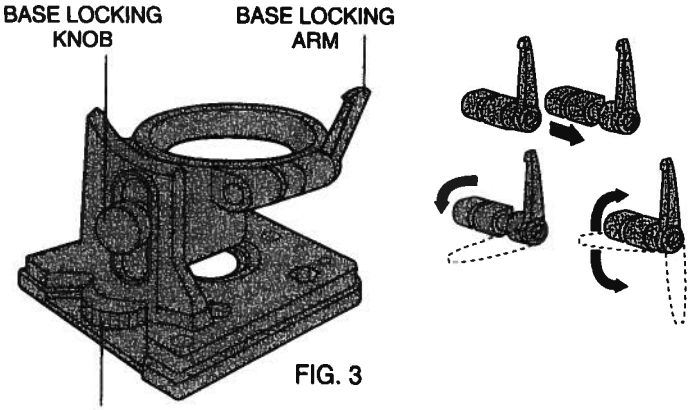
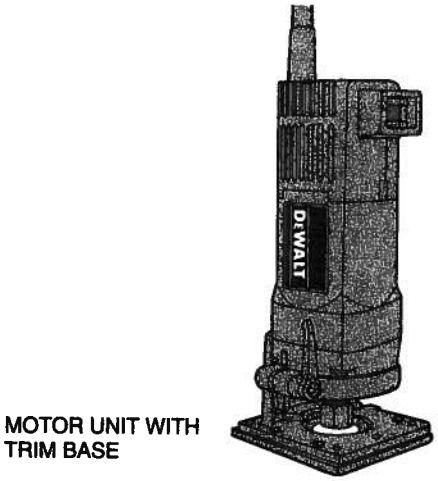


FIG. 3



MOTOR UNIT WITH TRIM BASE

Motor Units with Trim Base

To assemble trim base to the motor unit

TURN OFF TOOL AND DISCONNECT FROM POWER SUPPLY.

1. Loosen base by turning base locking arm counterclockwise. (See FIG. 3)
2. Place motor unit onto base. (Motor unit can rotate 360° inside of base)
3. Tighten motor unit to base by turning locking arm clockwise. (See FIG. 3)

To Adjust Depth of Cut

TURN OFF TOOL AND DISCONNECT FROM POWER SUPPLY.

1. Loosen the base locking knob. (See FIG. 3)
2. Turn depth adjustment wheel counterclockwise to raise the base and increase the depth of cut.
3. Turn depth adjustment wheel clockwise to lower base and decrease the depth of cut.
4. Tighten base locking knob.
5. Make a test cut in scrap material to check adjustment. Repeat the above steps until the desired depth of cut is achieved.

Installing Template Guides

TURN OFF TOOL AND DISCONNECT FROM POWER SUPPLY.

1. Remove the trim base from motor unit by loosening base locking arm.
2. Install the desired template guide (not included) in recess of sub-base and secure with template guide nut.
3. Reassemble the base onto the motor unit by tightening base locking arm.

English

English

Self Piloted or Ball Bearing Bits

ALWAYS DISCONNECT TOOL FROM POWER SUPPLY BEFORE INSTALLING BITS OR MAKING ADJUSTMENTS.

Self-piloted bits include a surface below the cutter which rides against the work and guides the bit. Pilots may take the form of an integral round tip or a ball bearing.

Additional trim guides are ***not required*** when using self-piloted bits. Self-piloted bits can be used with all types of trimmer bases.

Copy Follower (for use with trim and tilt bases)

Trimming bits without a pilot require a copy follower:

1. Mount copy follower to unit using depth adjustment knob. (See FIG. 6)
2. Adjust depth of cut by loosening or tightening depth adjustment knob.
3. Adjust the horizontal guide by loosening the lock knob on the bottom of the guide and turning the horizontal adjustment knob. Tighten the locking knob on the bottom of the guide.
4. Make a trial cut with the guide against the work piece to check the alignment and readjust if necessary.

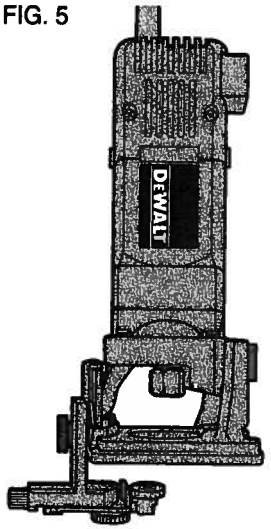
DW670, DW671, DW673:

Includes ball bearing guide (pictured) and a plate guide. In order to use the plate guide, it should be snapped onto the ball bearing. This unit also comes complete with solid surface skis that can be attached with screws to the bottom of trim sub-base.

Motor Unit With Tilting Base

When edge trimming plastic laminate, always use self-piloted laminate trimming bits. Insert bits as described on page 4.

FIG. 5



MOTOR UNIT WITH COPY FOLLOWER

FIG. 6

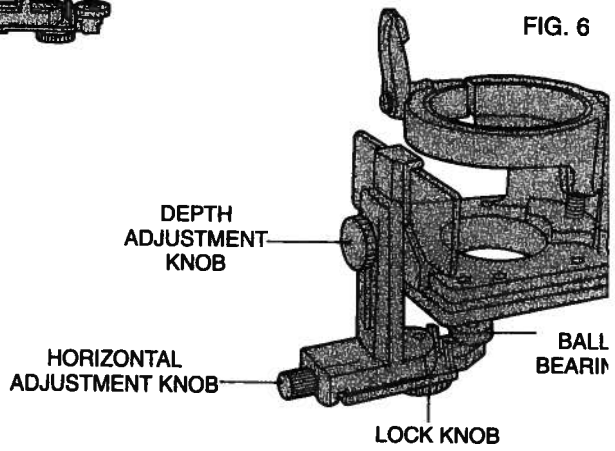


FIG. 7

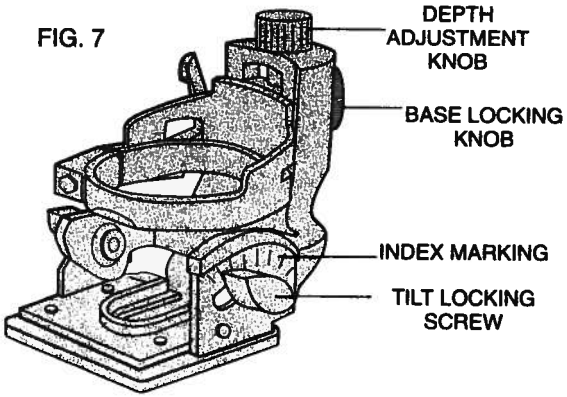


FIG. 8
Trims up to vertical surfaces

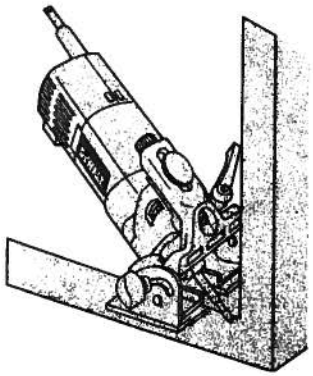
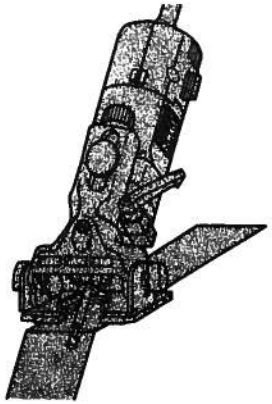


FIG. 9
Trims odd angled corners less than or greater than 90°



To assemble tilt base to the motor unit:

TURN OFF TOOL AND DISCONNECT FROM POWER SUPPLY.

1. Loosen base by turning base locking arm counterclockwise. (See FIG. 7)
2. Place motor unit into base. (Motor unit can rotate 360° inside of base)
3. Tighten motor unit to base by turning locking arm clockwise.

To Adjust Depth of Cut

TURN OFF TOOL AND DISCONNECT FROM POWER SUPPLY.

1. Loosen the base locking knob (See FIG. 7)
2. Turn depth adjustment knob counterclockwise to raise the base and increase the depth of cut.
3. Turn depth adjustment knob clockwise to lower base and decrease the depth of cut.
4. Tighten base locking knob.
5. Make a test cut in scrap material to check adjustment. Repeat the above steps until the desired depth of cut is achieved.

To Adjust Angle of Cut

TURN OFF TOOL AND DISCONNECT FROM POWER SUPPLY.

Tilting Base units have an angular adjustment of 90° (45° in either direction).

1. (See FIG. 7) Loosen the two tilt locking screws which hold the tilt base in position and adjust to the desired angle using index marking.
2. Tighten the screws to hold the setting.
3. Make a trial cut on scrap material and readjust if necessary.

English

Motor Unit With Offset Base

To assemble offset base to motor unit:

TURN OFF TOOL AND DISCONNECT FROM POWER SUPPLY.

1. Remove collet nut and collet from motor unit. (See FIG. 10)
2. Assemble drive pulley to motor spindle and tighten securely.
3. Install motor unit into base, making sure that the drive pulley engages drive belt in offset base. (FIG. 11)
   (**NOTE**: A screwdriver may be inserted through slot in base to aid in aligning drive belt onto pulley. See FIG. 12)
4. Secure base to motor with locking arm. (FIG. 11)

Installing and Removing Bit

TURN OFF TOOL AND DISCONNECT FROM POWER SUPPLY.

See FIG. 12A

1. Insert long portion of hex wrench through spindle lock hole.
2. Insert bit into collet.
3. Place wrench on collet nut and tighten hex wrench.
4. To remove bit, reverse above procedure. If bit does not remove easily, tap the bit shank with wrench to release bit.

CAUTION: NEVER TIGHTEN COLLET WITHOUT BIT INSTALLED.

FIG. 10

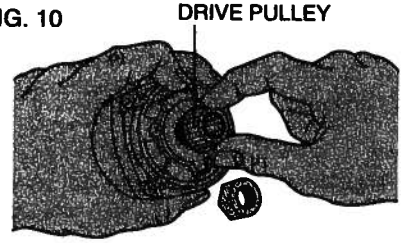


FIG. 11

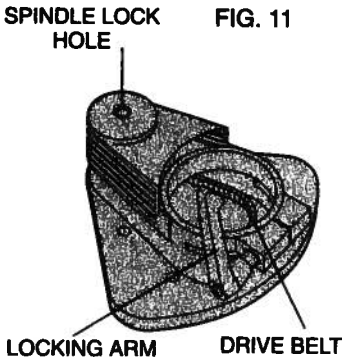


FIG. 12

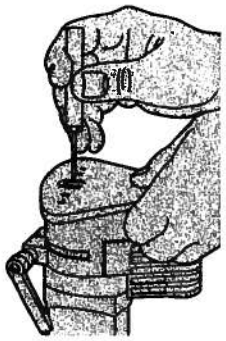


FIG. 12A

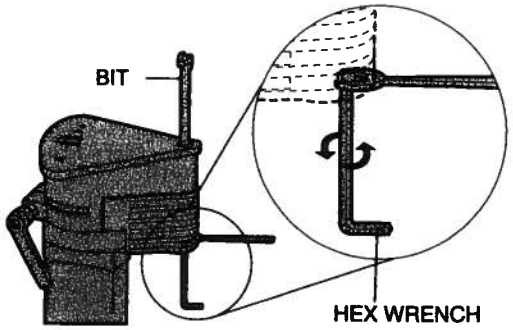
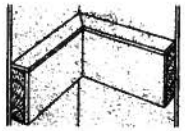


FIG. 13



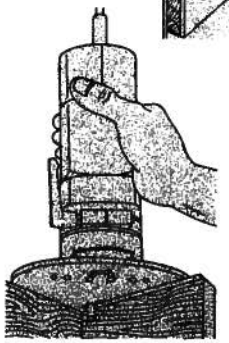


FIG. 14

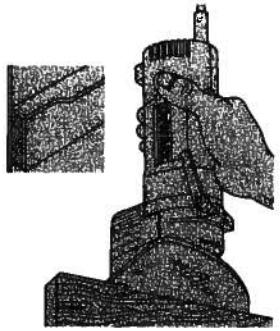


FIG. 15

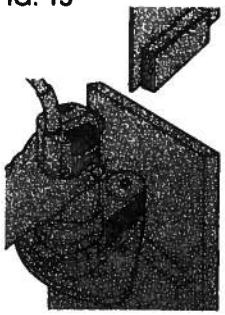


FIG 13

Trimming into and out of installed backsplash corner with little or no hand trimming required. Will trim into and out of 90° corners with ease using self-piloted bit.

FIG. 14

Trimming 3/4" vertical backsplash. Self-piloted bit guides trimmer for exact cut.

FIG 15

Accurately scribing the back side of a preassembled panel or post formed backsplash. Once the lip is accurately scribed, the trimmed portion is then pushed against the wall and mated exactly.

English

Motor Unit With Seaming Base

The seaming base is designed to cut plastic laminates when creating joints between two adjoining pieces of laminate. Properly adjusted, the router will produce accurate seams between adjacent sections of the laminated surface.

Insert the bit as described on page 4.

To assemble seaming base to the motor unit:.

TURN OFF TOOL AND DISCONNECT FROM POWER SUPPLY.

1. Loosen base by turning base locking arm counterclockwise.
2. Place motor unit onto base. (Motor unit can rotate 360° inside of of base)
3. Tighten motor unit to base by turning locking arm clockwise.

To Adjust Depth of Cut

TURN OFF TOOL AND DISCONNECT FROM POWER SUPPLY.

1. Loosen the base locking knob (See FIG. 17)
2. Turn depth adjustment wheel counterclockwise to raise the base and increase the depth of cut.

3. Turn depth adjustment wheel clockwise to lower base and decrease the depth of cut.
4. Tighten base locking knob.
5. Make a test cut in scrap material to check adjustment. Repeat the above steps until the desired depth of cut is achieved.

For Horizontal Adjustment

TURN OFF TOOL AND DISCONNECT FROM POWER SUPPLY.

1. Turn knob on side of base counterclockwise to loosen seaming attachment.
2. Move horizontal seaming attachment knobs to create tight or loose joints as desired.
3. Turn knob on side of base clockwise to tighten seaming attachment.
4. It is advisable to make sample cuts on scrap material to determine if further adjustment is required before beginning work.

To create a joint, contact cement should be applied to the core material and a fixed piece of laminate. A second piece of laminate should be fastened to the core and overlap the fixed piece by about 1/2". The second piece of laminate will then pass over the aluminum plate and be cut to the proper length by the router bit.

It is necessary to keep the laminate pressed down tightely near the seam to keep chips from getting into the joint. It is also important to keep steady pressure on the tool so that the guiding edge of the base remains in contact with the fixed piece.

MOTOR UNIT WITH SEAMING BASE

FIG. 16

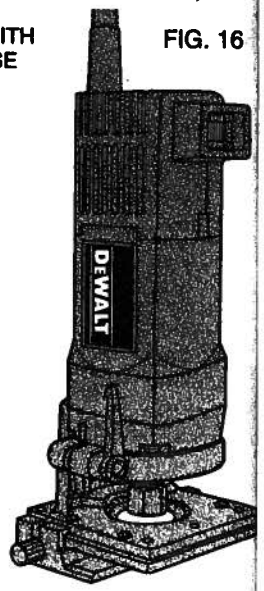
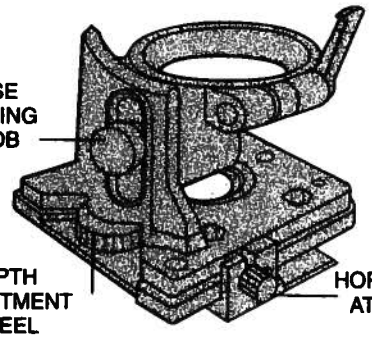


FIG. 17



Accessories

Recommended accessories for use with your tool are available at extra cost from your local dealer or authorized service center. Service center locations are listed in back of manual. If you need assistance in locating any accessory for your tool contact:

DeWALT Industrial Tool Company
626 Hanover Pike, P.O. Box 158
Hampstead, MD. 21074-0158

CAUTION: The use of any other accessory not recommended for use with this tool could be hazardous.

Important

To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment (including brush inspection and replacement) should be performed by authorized service centers or other qualified service organizations, always using identical replacement parts.

Full Warranty

DeWalt heavy duty industrial tools are warranted for one year from date of purchase. We will repair, without charge, any defects due to faulty materials or workmanship. Arrangements have been made with the Industrial Tool Division of Black & Decker (U.S.) Inc. to provide warranty repairs for DeWalt tools. Please return the complete unit, transportation prepaid, to any Black & Decker (U.S.) Inc. Industrial Service Center or Authorized Service Station listed under "Tools, Electric" in the yellow pages. This warranty does not apply to accessories or damage caused where repairs have been made or attempted by others. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

In addition to the warranty, DeWalt tools are covered by our:

30 DAY NO RISK SATISFACTION GUARANTEE

If you are not completely satisfied with the performance of your DeWalt heavy duty industrial tool, simply return it to the participating seller within 30 days for a full refund. Please return the complete unit, transportation prepaid. Proof of purchase may be required.

SERVICE CENTER LOCATIONS ARE LISTED IN THE BACK OF THIS MANUAL.

DEWALT Industrial Tool Company, 701 E. Joppa Road, Baltimore, MD 21286 Printed in U.S.A. (MAR01-CD-1) Form No. 159364

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