

Always mount your planer firmly to prevent movement. To enhance the tool's portability, it can be mounted to a piece of 1/2" (12.7 mm) or thicker plywood which can then be clamped to your work support or moved to other job sites and reclamped.

**NOTE:** If you elect to mount your planer onto a piece of plywood, make sure that the mounting screws don't protrude from the bottom of the wood. The plywood must sit flush on the work support.

**CAUTION:** The mounting surface should not be warped or otherwise uneven.

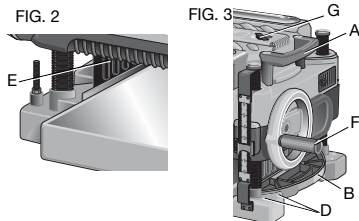
### ASSEMBLY

**WARNING:** Do not remove guards (E, Fig. 2). Serious injury could result.

**WARNING:** To reduce the risk of serious personal injury, turn tool off and disconnect tool from power source before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.

#### TO ATTACH THE DEPTH ADJUSTMENT CRANK HANDLE (FIG. 3)

1. Remove the screw located in the crank handle shaft.
2. Insert the crank handle (F) over the shaft.
3. Secure in place with the screw and T-wrench (G) provided.

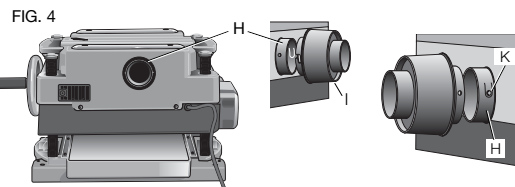


#### DUST EJECTION PORTS (FIG. 4)

Your planer comes with a dust ejection port. The round port (I) as shown below is for use with a 4" (100 mm) dust collector hose.

#### TO SET UP DUST EJECTION (FIG. 4)

1. Select the port (I).
2. Depress the lock button (K) on the chip ejection chute (H).



3. Slide the notches in the dust port over the pins on the chip ejection chute.
4. Rotate the port until the button engages the dust ejection chute and locks in place.

**WARNING:** Do not operate your planer without the dust ejection port locked into place. Do not insert anything into the dust ejection chute unless the planer is unplugged and you are clearing a clog or obstruction in the unit. Do not get your face or eyes near the dust ejection port when the planer is in operation. Serious injury could result.

**WARNING:** Chips are ejected at significant velocity. Keep hands and face clear of dust ejection port.

#### TO REMOVE THE DUST EJECTION PORT (FIG. 4)

1. Use the T-wrench to depress the lock button (K) on the dust chute.

2. Twist the port until the pins are disengaged from the notches on the port.
3. Pull the dust ejection port off of the dust chute.

### OPERATION

**⚠WARNING:** To reduce the risk of serious personal injury, turn tool off and disconnect tool from power source before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.

#### On/Off Switch (Fig. 5)

To turn the planer on, lift the switch (L) up. The planer locks on automatically. To turn the tool off, press the switch down. A hole (M) is provided under the switch for insertion of a padlock to lock off the planer.

#### Depth Adjustment

##### DEPTH ADJUSTMENT SCALE (FIG. 6)

The depth adjustment scale (N), located on the right front of your planer, indicates the finished thickness of your workpiece. One rotation of the depth adjustment crank is equal to 1/16" (1.6 mm), half rotation is equal to 1/32" (0.8 mm), etc.

##### DEPTH ADJUSTMENT CRANK

Turning the crank clockwise lowers the cutter head. Turning the crank counterclockwise raises the cutter head.

FIG.5

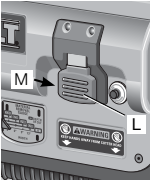
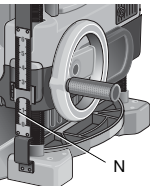


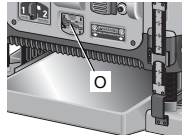
FIG.6



#### Material Removal Gauge (Fig. 7)

Your planer is equipped with a material removal gauge (O). It is used to indicate the amount of wood that will be removed in one pass with the carriage set at its current height.

FIG.7



#### TO USE THE MATERIAL REMOVAL GAUGE

1. Slide approximately 3" (75 mm) of your material under the middle of the carriage.
2. Be sure the wood is lying flat against the base of the planer. If the material is inserted at an angle, the reading may be inaccurate.
3. Crank the carriage down on the material until the material removal bar engages the wood. You will see the red arrow begin to move up the scale indicating the amount of material to be removed with the carriage at that height.
4. Adjust the carriage height until the desired depth of cut appears on the gauge.
5. Pull the material out from under the carriage.
6. Turn the unit on and feed your material into the cutter head.

**NOTE:** Do not exceed the recommended depth of cut for various widths of material recommended on the material removal gauge.

**⚠WARNING:** DO NOT switch the unit on with the material positioned under the carriage. Serious injury could result.

### Speed Selection (Fig. 8)

**NOTE: Only switch speeds when the planer is running.**

Your planer has the ability to feed material at two different speeds. The two-speed feature (P) was designed to improve efficiency when planing and to provide the best possible surface finish to a variety of materials.

To remove material thickness more quickly, set the unit at speed "2". This setting delivers 96 cuts per inch to the material.

For finishing, set the unit to speed "1". Speed "1" is ideal for ensuring the finest finish on the last pass before your final thickness is achieved.

**NOTE:** When planing particularly hard or figured species of wood, speed "1" is recommended. The slower feed rate will reduce knife wear and tear-out by delivering 179 cuts per inch to the material.

### Fan-Assisted Chip Ejection System

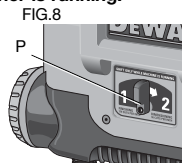
Your planer is equipped with a fan-assisted chip ejection system to aid in exhausting chips from the unit. The fan-assisted chip ejection system will work in conjunction with independent dust collection systems.

**NOTE:** It is not recommended that a shop vac be connected to the DW735. The capacity of most vacs does not support the volume of chips ejected during planing. The vacuum hose may clog stopping the flow of chips.

See the **Troubleshooting Guide**, for additional information.

### Automatic Carriage Lock

There is no manual carriage lock on your planer. A device that automatically minimizes the movement that causes snipe during planing is designed into the four threaded posts.



### Turret Stop (Fig. 9)

Your planer is equipped with a turret stop (Q) for repetitive planing at pre-set depths. Stops are set at 1/8" (3 mm), 1/4" (6.5 mm), 1/2" (12.7 mm), 3/4" (19 mm), 1" (25.5 mm), and 1-1/4" (32 mm).

#### TO SET THE MINIMUM DEPTH TO WHICH THE CARRIAGE CAN TRAVEL WITH THE TURRET STOP

1. Be sure the carriage is set above 1-1/4" (32 mm) before trying to set the turret stop.
2. Turn the dial on the front left of the planer until the desired thickness setting aligns with the red indicator, then lower the carriage.
3. Plane the workpiece at desired increments until the correct final thickness is achieved.

**NOTE: Do not use force to crank the carriage below the level that the turret stop indicates. Permanent damage to the height adjustment system on your planer will result.**

### PLANING BASICS

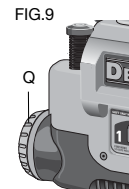
#### Proper Planing Technique

##### TO PLANE YOUR MATERIAL

1. Lower the carriage to the desired height for your first pass.
2. Turn the unit on and feed the material into the feed rollers.
3. Examine the finished cut and adjust the carriage to the appropriate height for your next pass.

**NOTE:** Flip the board back and forth between each pass as recommended in **Proper Planing Techniques**.

See the **Troubleshooting Guide**, for additional information.



English