DeWalt Plate Joiner

<table>
<thead>
<tr>
<th>Description</th>
<th>Plate Joiner – Model DW682</th>
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<tbody>
<tr>
<td>Size / Horse Power</td>
<td>0, 10, &amp; 20 Size Biscuits / 10,000 RPM</td>
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<tr>
<td>Power source</td>
<td>120 Volts</td>
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<tr>
<td>Uses</td>
<td>Making strong and accurate joints in wood and wood by-products</td>
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</tbody>
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Safety Precautions

<table>
<thead>
<tr>
<th>Hazards</th>
<th>Flying debris (potential eye damage)</th>
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<tbody>
<tr>
<td></td>
<td>Electrical shock</td>
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<td></td>
<td>Amputation</td>
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<td></td>
<td>Entanglement of hair or clothing</td>
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Training

- Shop Safety Fundamentals
- Site Specific Training

Protective Equipment

- Safety glasses
- Hearing protection
- Avoid loose fitting clothing
- Tie back long hair

Operation

**Startup**
1. Put on PPE listed above
2. Ensure work area is clean and free of obstacles
3. Make necessary adjustments for safe operation
4. Inspect the tool for damage or obstructions to operation
5. Turn “ON” the joiner by depressing the trigger
6. Begin work by slowly feeding joiner into work piece, avoid feeding material too quickly

**Shutdown**
1. Turn “OFF” the joiner by releasing the trigger
2. Allow the blade to come to a complete stop on its own
3. Remove joiner from workpiece

**Plunge Depth Adjustment**
1. Rotate the depth adjustment knob to the appropriate number with the red mark scribed in the tool’s housing, it will “click” into place
2. The depth can be set at 0, 10, 20 and M base of the size of biscuit you will use
Fence Adjustments

**Height Adjustment**
1. Loosen the lock knob on the right side of the fence
2. Rotate the knurled adjustment knob until the desired height is reached
3. Tighten the lock knob to automatically align the fence parallel to the blade and lock it in position
4. Use the vertical scale and pointer to assist in setting the height

**Angle Adjustment**
1. Loosen the lock knob on the left side of the tool
2. Align the protractor scale with the pointer (-45° to 90°) and tighten the lock knob

Blade Replacement – **Performed by Authorized Personnel Only**
1. Disconnect the joiner from the power source
2. Remove the 4 torx head screws from the bottom of the shoe, using the T20 torx screwdriver.
3. Rotate the shoe out of the way.
4. Use the spanner wrench to loosen (counterclockwise) the blade nut. Depress the spindle lock pin on the top of the gear case to hold the spindle while you unscrew the nut.
5. Remove the blade and replace with new one.
6. Reinstall the blade by reversing steps 2 through 4. Be sure the blade teeth point counterclockwise as shown below.

**Maintenance**

<table>
<thead>
<tr>
<th>Storage</th>
<th>Clean off joiner after you are done using. Always use a sharp blade.</th>
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<tbody>
<tr>
<td><strong>Care</strong></td>
<td>• Vacuum excess wood chips and saw dust.</td>
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<td>• Wipe tool clean.</td>
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<tr>
<td><strong>Accessories</strong></td>
<td>• T20 Torx Screwdriver</td>
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<td>• Spanner Wrench</td>
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