Delta 12” Portable Planer

<table>
<thead>
<tr>
<th>Description</th>
<th>Portable Planer – Model 22-540</th>
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<tbody>
<tr>
<td>Size / Horse power</td>
<td>12” / 8,000 RPM</td>
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<tr>
<td>Power source</td>
<td>120 Volts</td>
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<tr>
<td>Uses</td>
<td>Producing flat edges on wood and reducing material thickness</td>
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</tbody>
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### Safety Precautions

#### Hazards
- Flying debris (potential eye damage)
- Electrical shock
- Amputation
- Entanglement of hair or clothing

#### 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. Adjust the table to desired depth for cut
6. Turn on the planer by moving the switch to the “Up” position
7. Begin work
8. Slowly feed work piece towards the blades, avoid feeding material too quickly
9. Keep hands clear of blades

#### Shutdown
1. Turn off the planer by moving the switch to the “Off” position
2. Allow the blades to come to a complete stop on their own
3. Remove work piece from table top

Note: The switch toggle (B) can be removed; this locks the planer in the “Off” position
Blade Depth Adjustment
1. Maximum cut depth is determined by the type and size of workpiece
2. Use the raising and lowering handle to adjust head assembly to desired height, one revolution is approximately 5/64”
3. Use the scale on the side of the planer to see height setting

Replacing and Resetting Knives Performed By Authorized Personnel ONLY
1. DISCONNECT THE TOOL FROM THE POWER SOURCE
2. Lower the head assembly by turning handle
3. Remove chip deflector (A)
4. Carefully place knife setting gage, on the cutter head so the rounded sections are directly over the knife (B)
5. Loosen the knife locking bar by turning the seven knife locking screws (C), CLOCKWISE and carefully remove knife locking bar, knife, and springs which are located under the knife
6. Remove the remaining knife in the same manner
7. Thoroughly clean the knife slots, knife locking bars and screws. Check the screws, if the threads appear worn or stripped or if the heads are damaged, replace them
8. Carefully replace the springs, knives, and knife locking bars, into both slots of the cutter head
9. Replace chip deflector

Maintenance

<table>
<thead>
<tr>
<th>Storage</th>
<th>Physics – Room B0062</th>
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<tbody>
<tr>
<td>Care</td>
<td>Clean off planer after you are done using. Always use a sharp blade.</td>
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<tr>
<td></td>
<td>• Vacuum excess wood chips and saw dust</td>
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<td>• Wipe table clean</td>
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<td>• Apply metal protectant to the table periodically</td>
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<tr>
<td>Accessories</td>
<td>• Knife Setting Gage</td>
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<tr>
<td></td>
<td>• 8mm and 10mm Wrench</td>
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<td></td>
<td>• Precision Straightedge</td>
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