Delta 10” Table Saw

<table>
<thead>
<tr>
<th>Description</th>
<th>Right Tilting Arbor Saw – Model: 36-812</th>
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<tbody>
<tr>
<td>Size / Horse power</td>
<td>10” / 5 HP / 5500 RPM</td>
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<tr>
<td>Power source</td>
<td>240 volt through plugged power cord</td>
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<tr>
<td>Uses</td>
<td>Precision cut wood, plywood, plastic panels to size.</td>
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Safety Precautions

Hazards
- Severe cuts, potential for amputation
- Flying debris (potential eye and face damage)
- Electrical shock
- Entanglement of hair, jewelry or clothing
- Material kickback

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 rear wheel on mobile base is raised to prevent movement during use.
3. Inspect tool for damage or obstructions to operation
4. Ensure work area is clean and free of obstacles
5. Ensure all guards are present and function properly
6. Make necessary adjustments for safe operation – blade height and angle, fence or miter gauge settings
7. Turn “ON” table saw by pushing the green “ON” button (A)
8. Begin work

Shutdown
1. Turn “OFF” the table saw by pushing the red “OFF” button (B)
2. Allow table saw to stop on its own
3. Remove cut pieces after blade has stopped

Note: The saw can be locked in the “OFF” position by using a padlock with a 3/16” diameter shackle to prevent unauthorized use

Blade Adjustment
1. Height Adjustment
   a. Loosen lock knob (B) on hand wheel (A) located on the front panel
   b. Crank hand wheel clockwise to raise blade and counterclockwise to lower blade, the blade should be raised no greater than 1/8” above the top surface of the material being cut
   c. Tighten lock knob (B)
2. Angle Adjustment
   a. Loosen lock knob (D) on hand wheel (C) located on left side panel
   b. Turn the hand wheel until desired angle is met, (0° - 45° to the right). Use the red pointer on the scale (E) to set desired angle.
   c. Tighten lock knob to secure angle

Cross-cut (across the grain of wood)
1. Only use miter gauge when performing cuts across the grain.
2. Do not use the rip fence with the miter gauge
3. Use the table groove that does not cause interference of your hand or miter gauge with the saw blade guard

Rip cuts (cutting with the grain of wood)
1. Use the rip fence to position and guide the work piece through the saw blade
2. Do not stand in the line of the saw cut when ripping
3. Do not touch the cut off piece until the saw blade is stopped
4. When ripping boards longer than three feet, use out-feed supports at rear of saw table
5. Use a push stick when ripping work less than 4 inches wide
6. Use an auxiliary wood facing on rip fence when ripping work 2 inches or narrower

Blade Change – Performed by Authorized Personnel Only
1. DISCONNECT MACHINE FROM POWER SOURCE
2. Remove table insert and raise saw blade to its maximum height
3. Place the open end wrench (B) on the flats of the saw arbor to keep the arbor from turning, and using wrench (A), turn the arbor nut (C) clockwise. Remove the arbor nut, blade flange and saw blade
4. Assemble the new blade, making certain the teeth are pointing down at the front of the saw table and assemble the outside blade flange and arbor nut
5. Tighten the arbor nut and replace the table insert

Replacing Belts and Tensioning Belts – Performed by Authorized Personnel Only
1. See Instruction Manual

### Maintenance

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<tr>
<th>Storage</th>
<th>Fisher Theater – Room 0014</th>
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<tbody>
<tr>
<td>Care</td>
<td>Use only 10” diameter saw blades with 5/8” arbor holes, rated for 4000 RPM or higher</td>
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<tr>
<td>Accessories</td>
<td>Miter Gauge</td>
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<td></td>
<td>Rip Fence</td>
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<td>Push Sticks</td>
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<td>Blade Change Wrenches</td>
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