Delta 6” Belt / 9” Disc Sander

<table>
<thead>
<tr>
<th>Description</th>
<th>Belt / Disc Sander – Model 31-695</th>
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<tbody>
<tr>
<td>Size / Horse power</td>
<td>6” Belt / 9” Disc / 1 HP</td>
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<tr>
<td>Power source</td>
<td>120 volt through plugged power cord</td>
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<tr>
<td>Uses</td>
<td>Sanding of wood and metal</td>
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Safety Precautions

<table>
<thead>
<tr>
<th>Hazards</th>
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<tr>
<td>Abrasions</td>
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<tr>
<td>Flying debris (potential eye and face damage)</td>
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<tr>
<td>Electrical shock</td>
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<tr>
<td>Entanglement of hair, jewelry or clothing</td>
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<td>Fire risk</td>
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Training

- Shop Safety Fundamentals
- Site Specific Training

Protective Equipment

- Safety Glasses
- Tie back long hair
- Avoid loose fitting clothing
- Remove rings, watches, bracelets and other such jewelry

Operation

**Startup**

1. Put on PPE listed above
2. Ensure work area is clean and free of obstacles
3. Ensure the table is less than 1/16” from disc or belt when installed
4. Make necessary adjustments for safe operation
5. Inspect machine for damage or obstructions to operation
6. Turn “ON” the sander by moving the switch (A) to the up position
7. Begin work
8. Slowly press work piece against belt, avoid feeding material to quickly
9. Keep hands clear of sanding surfaces

**Shutdown**

1. Remove work piece
2. Turn “OFF” the sander by moving the switch (A) to the down position
3. Allow the sander to stop on its own, do not leave the sander until it has come to a complete stop

Note: Sander can be locked in the “OFF” position by removing the switch toggle (B). If toggle switch is removed while the sander is running, it can be turned “OFF” once, but cannot be restarted without inserting the switch toggle
Belt Arm Adjustment
1. **Disconnect machine from the power source**
2. To change the arm position, loosen the screw (B) with the hex wrench (C)
3. Move the arm (A) to the desired location and tighten the screw

Tracking the Belt – **Performed by Authorized Personnel Only**
1. Turn the switch “ON” and “OFF” to see if the sanding belt tracks correctly. If the belt does not move to one side or the other and rides on the center of the sanding drums, the belt is tracking properly
2. If the sanding belt moves toward the disc, turn the tracking knob (A) counterclockwise 1/4 turn
3. If the sanding belt moves away from the disc, turn the tracking knob (A) clockwise 1/4 turn
4. Turn the switch “ON” and “OFF” check the tracking. Adjust again, if necessary

Tilting Disc Table
1. Loosen the table lock knob (A)
2. Adjust table to desired angle (0° – 45°) using the scale (H) and pointer (G)
3. Tighten the table lock knob after desired angle is met
4. After tilting, the table must be repositioned on the support rod (B) to provide a maximum of 1/16” distance between the sanding disc (C) and the tables edge (D)
5. Loosen screws (E) and/or screw (F), move table assembly on rod (B), and tighten screw (E) and/or (F)

Using Table with Sanding Belt
1. **Only to be used with the sanding belt in the vertical position**
2. Remove the backstop (C)
3. Loosen the screw (D) and carefully remove the support bar (E) and table assembly (B) from the disc unit
4. Loosen the set screw and insert the support bar (with table assembly attached) in hole (G)
5. Position the table a maximum of 1/16” away from the sanding belt, tighten the set screw

Installing Abrasive Belt and/or Disc – **Refer to Instruction Manual**

**Maintenance**

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<tr>
<th><strong>Storage</strong></th>
<th>Fisher Theater – Room</th>
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<tbody>
<tr>
<td><strong>Care</strong></td>
<td>• Wipe the machine down after each use</td>
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<tr>
<td></td>
<td>• Keep exposed metal surfaces clean and rust free</td>
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<td></td>
<td>• Make periodic inspection of the operation of the machine</td>
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<td><strong>Accessories</strong></td>
<td>Miter Gauge</td>
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