DeWalt 12” Double Bevel Compound Miter Saw

<table>
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<tr>
<th>Description</th>
<th>DeWalt 12” Double Bevel Compound Miter Saw – Model DW706</th>
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<tbody>
<tr>
<td>Size / Horse power</td>
<td>12” Blade / 4000 RPM</td>
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<tr>
<td>Power source</td>
<td>120 volts through plugged power cord</td>
</tr>
<tr>
<td>Uses</td>
<td>Cutting wood and Non-Ferrous Metals</td>
</tr>
</tbody>
</table>

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
- Tie back long hair
- Avoid loose fitting clothing

**Operation**

**Startup**
1. Put on PPE listed above
2. Ensure work area is clean and free of obstacles
3. Ensure all guards are present and function properly
4. Make necessary adjustments for safe operation
5. Inspect tool for damage or obstructions to operation
6. Turn “ON” saw by depressing the power switch located in the handle
7. Slowly bring the blade down to the material being cut, avoid feeding the blade too quickly
8. Keep hands clear of spinning blade

**Shutdown**
1. Turn “OFF” the saw by releasing the power switch
2. Return saw to upright position and allow blade to stop rotating
3. Remove work piece

Note: The saw can be locked in the “OFF” position by inserting a padlock into the hole in the trigger

**Miter Angle Cuts**
1. Loosen the miter clamp knob and squeeze the miter latch (located under knob)
2. Slide the table to your desired angle, use the miter scale as a reference
3. Once desired angle is met, release the miter latch and tighten the miter clamp knob
Bevel Cut
1. Loosen the bevel lock knob and move the saw to the desired angle
2. It is necessary to move the left side of the fence to allow for clearance
3. Once the desired bevel angle has been set, tighten the bevel lock knob firmly

Note: Bevel angles can be set from 48 degrees right to 48 degrees left and can be cut with the miter arm set between 0 and 50 degrees right or left

Blade Change – Performed by Authorized Personnel Only
1. Disconnect power supply from the saw
2. Raise the arm to the upper position and raise the lower guard (A) as far as possible
3. Loosen, but do not remove the guard bracket screw (B) until the bracket can be raised far enough to access the blade screw. The lower guard will remain raised due to the position of the guard bracket screw
4. Depress the spindle lock button (C) while carefully rotating the saw blade by hand until the lock engages
5. Keeping the button depressed, use the other hand and the blade wrench (D) to loosen the blade screw (clockwise)
6. Remove the baled screw (E), outer clamp washer (F), and blade. The 1” blade adapter (H), if used, and the inner clamp washer (I), may be left on the spindle
7. Install new blade against the inner clamp washer with the teeth at the bottom of the blade pointing toward the back of the saw
8. Assemble the outer clamp washer onto the spindle
9. Install the blade screw and, engaging the spindle lock, tighten the screw firmly with the blade wrench (counterclockwise)
10. Return the guard bracket to its original position and firmly tighten the guard bracket screw to hold bracket in place

Maintenance
<table>
<thead>
<tr>
<th>Storage</th>
<th>Fisher Theater – Room 0014</th>
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| Care    | • Only use blades that are 12” in diameter with a 1” arbor hole and are rated for the speeds of at least 4800 RPM  
          • Use a brush or compressed air to clean the saw |
| Accessories | • Blade Wrench  
               • Side Table Extension  
               • Dust Bag |