DeWalt 14” Chop Saw

<table>
<thead>
<tr>
<th>Description</th>
<th>Chop Saw – Model: DW871</th>
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<tbody>
<tr>
<td>Size / Horse power</td>
<td>14” Blade / 4100 PRM</td>
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<tr>
<td>Power source</td>
<td>120 volt through power cord</td>
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<tr>
<td>Uses</td>
<td>Cutting metal of various sizes at various angles</td>
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</tbody>
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Safety Precautions

Hazards
- Amputation/Abrasions
- Electrical shock
- Entanglement of hair, jewelry, or clothing
- Fire risk if used near flammable or combustible materials
- Flying debris (potential eye damage)
- Sparks from cutting metal

Training
- Shop Safety Fundamentals
- Site Specific Training

Protective Equipment
- Safety Glasses AND Safety Shield
- Hearing protection
- Avoid loose fitting clothing
- Tie back long hair

Operation

Startup
1. Put on PPE listed above
2. Inspect the tool for damage or obstructions to operation
3. Ensure work area is clean and free of obstacles
4. Secure material to work surface using the fence and vise
5. Make necessary adjustments for safe operation
6. Turn on the saw using the trigger switch located within the handle
7. Allow the blade to reach full speed before beginning cut
8. Slowly feed blade into material, avoid putting excessive force on the blade
9. Keep hands clear of saw blade

Shutdown
1. Turn off the saw by releasing the trigger switch located within the handle
2. Allow the blade to come to a complete stop on its own
3. Remove work piece from table top
Changing Blade – Performed by Authorized Personnel Only

1. Disconnect tool from power supply.
2. Push in wheel lock lever and rotate wheel by hand until wheel lock lever engages slot in inside flange to lock wheel.
3. Loosen the bolt counterclockwise in the center of the wheel with the 8mm hex wrench. Bolt has right hand thread.
4. Remove the bolt, washer, outside flange, and old wheel.
5. Install the new abrasive wheel (14” Metal Cutting Abrasive Wheel, Type 1, 4100 RPM or Higher).
6. Re-assemble parts in reverse order (see step 4, 3, and 2).
7. Tighten bolt in a clockwise direction, do not over tighten.
8. Release wheel lock to ensure that wheel rotates freely.
9. Before using a new cut-off blade for a cut, position body to the side of the tool and run the saw for at least 3 minutes to confirm that the blade is in good condition and installed correctly.

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<tr>
<th>Maintenance</th>
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<tr>
<td><strong>Care</strong></td>
<td>Clean off saw after you are done using. Always use a sharp blade. Gears should be relubricated every 60 to 90 days by an experienced power tool repair person using DeWalt Lubricant Part No. 790206.</td>
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<tr>
<td><strong>Accessories</strong></td>
<td>8mm Hex Wrench</td>
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