Delta 12” Compound Miter Saw

Description
| Compound Miter Saw – Model 36-255L |
|---|---|

Size / Horse power
| 12” Blade / 5000 RPM |

Power source
| 120 volts through plugged power cord |

Uses
| Cutting wood and non-ferrous metals |

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
- 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 all guards are present and function properly
4. Make necessary adjustments for safe operation
5. Inspect tool for damage or obstructions to operation
6. Set miter angle by rotating the lock knob counterclockwise and lifting up on the miter lock lever, rotate saw table to desired angle. Lock miter angle position by pushing down on the miter lock lever and turning the lock knob clockwise
7. Turn on saw by depressing the power switch (A) located in the handle
8. Slowly bring the blade down to the material being cut, avoid feeding the blade too quickly
9. Keep hands clear of spinning blade

**Shutdown**

1. Disengage power switch
2. Return saw to upright position and allow blade to stop rotating. Blade brake should stop the blade in 5 seconds
3. Remove work piece
4. Lower arm and lock blade in the down position, using the lock down pin

Note: The hole in the trigger is provide for a 3/16” diameter padlock (B) to be inserted to lock the saw in the OFF position
Blade Change – **Performed by Authorized Personnel Only**

1. **DISCONNECT MACHINE FROM POWER SOURCE**
2. Loosen screw (A) with wrench (B)
3. Rotate arbor cover (C) and lower guard (D) to the rear, exposing arbor screw (E)
4. Remove arbor screw (E) by turning the screw clockwise with the wrench, while at the same time, pressing in on the arbor lock (F) to keep the arbor from turning. Remove the outside blade flange (G) and saw blade (H)
5. Install the new saw blade, **MAKING CERTAIN THE TEETH OF THE SAW BLADE ARE POINTING DOWN AT THE FRONT**, and install the outside blade flange (G)
6. Check to see that the flats on the outside blade flange are engage with the flats on the arbor shaft
7. Thread the arbor screw (E) into the saw arbor by turning the screw counterclockwise as far as possible by hand. Then tighten arbor screw with wrench while at the same time pressing in on the arbor lock
8. Rotate arbor cover (C) and lower guard (D) to the front and tighten screw (A)

*![Blade Change Diagram](image1)*

**Tilting Blade for Bevel Cut**

1. **DISCONNECT MACHINE FROM POWER SOURCE**
2. Loosen the bevel lock handle (A)
3. Tilt the cutting head (B) to the desired angle, and tighten the bevel lock handle (A)
4. Positive stops are provided at 45° and 90°
5. A marked indicator (M) is provided on the bevel scale for cutting crown moulding

*![Tilting Blade for Bevel Cut Diagram](image2)*

**Adjusting the Sliding Fence**

1. Loosen the lock handle (B)
2. Slide the fence to the desired position
3. Tighten lock handle to secure fence

*![Adjusting the Sliding Fence Diagram](image3)*

**Maintenance**

<table>
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<tr>
<th>Storage</th>
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<tbody>
<tr>
<td><strong>Care</strong></td>
<td>Only use blades that are 12” in diameter with a 1” arbor hole and are rated for 4000RPM. Use a brush or compressed air to clean the saw</td>
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| **Accessories** | • Wrench  
• Dust Bag |