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## Stihl 6301 702 0101

# STIHL Knife Set Viking iMOW MI422/P Series 4 Instruction Manual

Model: 6301 702 0101

## 1. Product Overview

This manual provides essential information for the safe and effective use and maintenance of the STIHL Knife Set for Viking iMOW MI422/P Series 4 robotic lawnmowers.

- **Product Name:** STIHL Knife Set Viking iMOW MI422/P Series 4
- **Model Number:** 6301 702 0101
- **Description:** Pack of 2 original replacement knives from the manufacturer, designed for optimal cutting performance.
- **Compatibility:** Fits all STIHL iMOW Series 4 models.
- **Key Features:** Replaceable Blades, 20 Centimeters Blade Length.



This image displays a single black replacement blade, approximately 20 cm in length, designed for STIHL iMOW Series 4 robotic lawnmowers. The blade features a central channel for rigidity and three circular holes for secure attachment to the mower's cutting deck.

## 2. Safety Information

**WARNING:** Always prioritize safety when handling sharp objects and performing maintenance on machinery. Failure to follow

these instructions may result in serious injury.

- Before any maintenance or blade replacement, ensure the robotic lawnmower is completely turned off and disconnected from its power source. Refer to your iMOW's main instruction manual for specific power-off procedures.
- Wear heavy-duty gloves to protect your hands from sharp blade edges.
- Wear appropriate eye protection to guard against debris.
- Keep children and pets away from the work area during blade replacement.
- Handle new and used blades with extreme care.
- Dispose of old blades responsibly according to local regulations for sharp objects.

## 3. Setup: Blade Replacement

Replacing the blades on your STIHL iMOW Series 4 is a straightforward process. Follow these steps carefully:

1. **Prepare the Mower:** Ensure the iMOW is switched off and removed from its charging station. If applicable, activate the maintenance mode or disconnect the battery as per your iMOW's user manual.
2. **Position the Mower:** Carefully tilt the iMOW onto its side or back to access the cutting deck. Ensure it is stable and will not tip over.
3. **Remove Old Blades:** Using a suitable tool (e.g., a wrench or screwdriver, depending on your iMOW model's fasteners), carefully loosen and remove the screws or bolts holding the old blades in place. Remove the old blades and any washers or spacers.
4. **Clean the Cutting Deck:** While the blades are off, take the opportunity to clean any grass clippings or debris from the cutting deck area.
5. **Install New Blades:** Place the new STIHL replacement blades onto the blade mounts, ensuring they are correctly aligned with the holes. Reattach any washers or spacers in their original configuration.
6. **Secure the Blades:** Insert and tighten the screws or bolts firmly. Do not overtighten, but ensure the blades are securely fastened to prevent loosening during operation.
7. **Final Check:** Once all blades are replaced, gently spin the blade disc by hand to ensure the new blades rotate freely without obstruction.

## 4. Operating with New Blades

After replacing the blades, your iMOW robotic lawnmower should resume its normal operation with improved cutting performance.

- Return the iMOW to its upright position and reconnect its power source or reactivate it.
- Initiate a mowing cycle as you normally would.
- Observe the initial cut quality. New blades should provide a clean, even cut.
- Listen for any unusual noises. Properly installed blades should not cause excessive vibration or rattling.

## 5. Maintenance

Regular inspection and timely replacement of your iMOW blades are crucial for maintaining optimal lawn health and mower efficiency.

- **Inspection Frequency:** Inspect the blades regularly, ideally once a week or after every 25-50 hours of operation, depending on your lawn's condition and mowing frequency.
- **Signs of Wear:** Replace blades when they show signs of dullness, nicks, bends, or excessive wear. Indicators include uneven cutting, frayed grass tips, or increased noise from the mower.

- **Replacement Schedule:** While wear varies, a general guideline is to replace blades every 1 to 3 months for typical residential use. Refer to your iMOW's main manual for specific recommendations.
- **Cleaning:** Periodically clean the cutting deck and blade area to prevent grass buildup, which can affect cutting performance and blade life. Always ensure the mower is off and safe before cleaning.

## 6. Troubleshooting

If you experience issues after blade replacement, consider the following:

| Problem | Possible Cause | Solution |
|---|---|---|
| Uneven cut or frayed grass | Blades are dull or damaged; blades not installed correctly. | Inspect blades for wear and replace if necessary. Ensure blades are securely fastened and correctly oriented. |
| Increased noise or vibration | Blades are loose, bent, or unbalanced; debris caught in cutting deck. | Turn off mower and inspect blades for damage or looseness. Clean cutting deck. Replace any bent blades. |
| Mower stops unexpectedly | Obstruction in cutting deck; severely damaged blade causing imbalance. | Turn off mower and check for obstructions. Inspect blades for severe damage and replace. Refer to iMOW manual for other error codes. |

## 7. Specifications

| Attribute | Detail |
|---|---|
| **Brand** | Stihl |
| **Model Name** | Viking iMow MI422/P |
| **Part Number** | 6301 702 0101 |
| **Blade Length** | 20 Centimeters |
| **Item Weight** | 6.7 ounces |
| **Special Feature** | Replaceable Blades |
| **Compatible Models** | All iMOW Series 4 models |
| **UPC** | 886661384532 |

## 8. Warranty and Support

For specific warranty information regarding your STIHL Knife Set, please refer to the documentation provided with your original purchase or contact the retailer. Warranty terms typically cover manufacturing defects.

For further technical support or inquiries about STIHL products, please visit the official STIHL website or contact their customer service department.

Visit the official STIHL website for support

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