

ISE 1413205

ISE 425mm Replacement Blade Instruction Manual

Model: 1413205

1. INTRODUCTION

This manual provides essential instructions for the safe and effective installation, operation, and maintenance of your new ISE 425mm replacement blade. This blade is designed for specific Gardenline lawn mower models. Please read this manual thoroughly before attempting any installation or maintenance to ensure your safety and the proper functioning of your equipment.

For optimal performance and safety, always use genuine replacement parts and follow all instructions provided by both this manual and your lawn mower's original instruction manual.

2. SAFETY INFORMATION

WARNING: Rotating blades are dangerous. Always exercise extreme caution.

- Always disconnect the spark plug wire (for petrol mowers) or remove the battery/unplug from the power source (for electric mowers) before performing any maintenance, cleaning, or blade replacement.
- Wear heavy-duty gloves when handling the blade, as edges are sharp.
- Ensure the mower is on a stable, flat surface before working on it.
- Never attempt to sharpen a damaged or bent blade. Replace it immediately.
- Keep hands, feet, and clothing away from the blade area.
- Store replacement blades in a safe place, out of reach of children.

3. COMPATIBILITY

This ISE 425mm replacement blade is compatible with the following Gardenline lawn mower models:

- Gardenline GLM 43
- Gardenline GLM 43 T
- Gardenline GLM 43 L
- Gardenline GLM 43 H

It replaces original part numbers: 1413205, SMV1413205, HU1742.

4. INSTALLATION (SETUP)

1. **Prepare the Mower:** Ensure the lawn mower is turned off, the spark plug wire is disconnected (petrol mowers), or the battery is removed/power cord unplugged (electric mowers). Tilt the mower onto its side with the carburetor/air filter facing upwards to prevent fuel/oil leakage.
2. **Remove Old Blade:** Wearing heavy-duty gloves, use a wrench to loosen the blade bolt(s) holding the old blade in place. You may need to brace the blade with a block of wood to prevent it from turning. Remove the bolt(s), washer(s), and the old blade. Note the orientation of the old blade and any washers for correct reassembly.
3. **Inspect Components:** Check the blade adapter, washers, and bolt(s) for wear or damage. Replace any worn parts. Clean any grass or debris from the blade mounting area.
4. **Install New Blade:** Position the new ISE 425mm blade onto the blade adapter, ensuring the cutting edges face the correct direction (usually upwards towards the mower deck). The central hole and any alignment pins on the blade adapter should match the holes on the blade.
5. **Secure the Blade:** Reinstall the washer(s) and blade bolt(s). Tighten the bolt(s) securely with a torque wrench to the manufacturer's specified torque (refer to your mower's manual). If no torque specification is available, tighten firmly.
6. **Final Check:** Ensure the blade is firmly attached and spins freely without wobbling. Reconnect the spark plug wire or battery/power cord.



Figure 1: ISE 425mm Replacement Blade. Note the central hole and wing-like cutting edges for proper installation.

5. OPERATION (WITH NEW BLADE)

After installing the new blade, ensure all safety precautions are observed before operating the lawn mower. Always wear appropriate personal protective equipment (PPE) including eye protection, hearing protection, and sturdy footwear.

- Before starting, clear the mowing area of any debris, stones, or objects that could be struck by the blade.
- Start the mower according to its manufacturer's instructions.
- Operate the mower at a safe and steady pace. Avoid sudden movements or impacts.
- If the mower strikes an object, immediately turn it off, disconnect the power source, and inspect the blade for damage. Replace a damaged blade before further use.

6. MAINTENANCE

Regular maintenance of your blade ensures efficient cutting and extends its lifespan. Always follow safety guidelines before performing maintenance.

- **Cleaning:** After each use, disconnect the power source and carefully clean grass clippings and debris from the blade and underside of the mower deck. This prevents buildup that can affect cutting performance and balance.
- **Inspection:** Regularly inspect the blade for signs of wear, nicks, bends, or cracks. A bent or cracked blade can cause dangerous vibrations and should be replaced immediately.
- **Sharpening:** While this blade can be sharpened, it is recommended to have it professionally sharpened to maintain proper balance. An unbalanced blade can cause excessive vibration and damage to the mower. If sharpening yourself, ensure both cutting edges are sharpened equally to maintain balance.
- **Replacement:** Replace the blade when it becomes excessively dull, worn, bent, or damaged. A general guideline is to replace the blade at least once per mowing season, or more frequently depending on usage and terrain.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Poor cutting performance	Dull or damaged blade; incorrect blade installation; excessive grass buildup.	Sharpen or replace blade; ensure blade is installed correctly; clean underside of deck.
Excessive mower vibration	Bent or unbalanced blade; loose blade bolt; debris caught in blade area.	Inspect and replace bent blade; ensure blade is balanced; tighten blade bolt to specified torque; clear debris.
Blade not spinning freely	Debris obstructing blade; incorrect installation.	Clear debris; re-install blade correctly, ensuring no obstructions.

If troubleshooting steps do not resolve the issue, consult a qualified service technician or contact ISE customer support.

8. SPECIFICATIONS

Feature	Detail
Blade Length	425mm
Blade Width	50mm
Central Hole Diameter	20mm
Replaces Part Numbers	1413205, SMV1413205, HU1742
Compatible Mower Models	Gardenline GLM 43, GLM 43 T, GLM 43 L, GLM 43 H

9. WARRANTY & SUPPORT

ISE products are manufactured to high-quality standards. For information regarding warranty coverage,

please refer to the warranty statement provided with your original purchase or visit the official ISE website.
For technical support or inquiries, please contact ISE customer service through their official channels.

Please retain this manual for future reference.

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