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## BLACK+DECKER 5140177-90

# BLACK+DECKER LSW221 Blower Power Head User Manual

Model: 5140177-90

## 1. INTRODUCTION

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This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your BLACK+DECKER LSW221 Blower Power Head, part number 5140177-90. Please read this manual thoroughly before initial use and retain it for future reference.

The BLACK+DECKER 5140177-90 is a genuine OEM replacement power head designed specifically for the LSW221 blower model. It measures approximately 17.50 inches in length, 8.00 inches in width, and 2.50 inches in height.

## 2. SAFETY INFORMATION

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Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury when using this product.

- **Read all instructions:** Familiarize yourself with the controls and proper use of the power head.
- **Wear appropriate personal protective equipment (PPE):** This includes safety glasses, hearing protection, and sturdy footwear.
- **Ensure proper assembly:** Before operation, confirm that the power head is securely attached to the compatible blower unit.
- **Keep area clear:** Do not operate near bystanders, especially children.
- **Inspect before use:** Check for any damaged parts. Do not use if any part is damaged.
- **Disconnect power:** Always disconnect the battery or power source before performing any adjustments, cleaning, or maintenance.
- **Store properly:** Store the power head in a dry, secure location, out of reach of children.

## 3. PACKAGE CONTENTS

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Verify that all items are present upon opening the package:

- BLACK+DECKER 5140177-90 Blower Power Head (1 unit)

Note: This product is a replacement power head only. The complete blower unit, battery, and charger are sold separately.

## 4. SETUP

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This section details the steps for attaching the power head to your compatible BLACK+DECKER LSW221 blower unit.

1. **Ensure Power is Off:** Before beginning, ensure the blower unit is turned off and any battery pack is removed to prevent accidental startup.
2. **Align Components:** Carefully align the connection point of the 5140177-90 power head with the corresponding attachment point on your LSW221 blower unit. Look for alignment guides or arrows if present.
3. **Secure Attachment:** Push the power head firmly onto the blower unit until it clicks into place or the locking mechanism engages. Some models may require twisting or tightening a collar. Refer to your original LSW221 blower manual for specific attachment instructions if needed.
4. **Verify Connection:** Gently pull on the power head to ensure it is securely fastened and does not wobble. A loose connection can affect performance and safety.



Figure 4.1: Side view of the BLACK+DECKER 5140177-90 Blower Power Head, showing the main body and nozzle attachment point.



Figure 4.2: Rear view of the BLACK+DECKER 5140177-90 Blower Power Head, highlighting the air intake and connection interface.

## 5. OPERATING INSTRUCTIONS

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Once the power head is securely attached to your LSW221 blower unit, you can proceed with operation. Refer to your original LSW221 blower manual for detailed operating instructions, including battery insertion, power activation, and general usage guidelines.

The 5140177-90 power head functions as the air output component of the blower. Its design is optimized for efficient air movement when paired with the LSW221 motor.

- **Starting the Blower:** Insert a charged BLACK+DECKER 20V MAX battery (not included) into the blower unit. Press the power button or trigger to activate the blower.
- **Directional Control:** Aim the nozzle of the power head towards the debris you wish to clear.
- **Optimal Use:** For best results, sweep debris in front of you, working in a systematic pattern.
- **Stopping the Blower:** Release the trigger or press the power button to turn off the blower. Remove the battery when finished or before storing.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your power head.

- **Cleaning:** After each use, wipe down the exterior of the power head with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Air Intake:** Periodically check the air intake vents on the blower unit (where the power head connects) for any debris accumulation. Clear any blockages to ensure proper airflow and prevent overheating.
- **Storage:** Store the power head in a dry, cool place, away from direct sunlight and extreme temperatures. If detached from the blower unit, store it in a manner that protects the connection points from damage.
- **Inspection:** Before each use, inspect the power head for any signs of wear, cracks, or damage. If damage is found,

replace the part immediately with a genuine BLACK+DECKER replacement.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter with the power head. For issues related to the blower motor or battery, refer to your LSW221 blower's main instruction manual.

Problem	Possible Cause	Solution
Reduced Airflow from Nozzle	<ul style="list-style-type: none"><li>• Partial blockage in the power head or blower intake.</li><li>• Loose connection between power head and blower unit.</li></ul>	<ul style="list-style-type: none"><li>• Inspect and clear any debris from the nozzle and blower intake.</li><li>• Ensure the power head is securely attached to the blower unit.</li></ul>
Power Head Detaches Easily	<ul style="list-style-type: none"><li>• Improper attachment.</li><li>• Damaged locking mechanism on power head or blower unit.</li></ul>	<ul style="list-style-type: none"><li>• Re-attach the power head, ensuring it clicks or locks into place.</li><li>• Inspect both the power head and blower unit for damage to the attachment points. Replace if damaged.</li></ul>

## 8. SPECIFICATIONS

Attribute	Detail
Model Number	5140177-90
Compatibility	BLACK+DECKER LSW221 Blower
Product Dimensions	17.5 x 8 x 2.5 inches (approximately)
Item Weight	8.8 ounces (0.25 Kilograms)
Manufacturer	Black & Decker
Part Type	OEM Replacement Power Head

## 9. WARRANTY AND SUPPORT

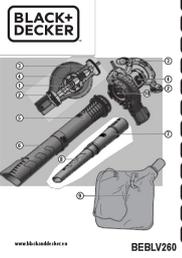
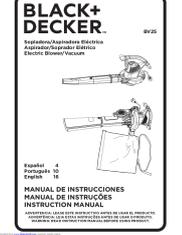
For information regarding warranty coverage for genuine BLACK+DECKER replacement parts, please refer to the warranty documentation provided with your original BLACK+DECKER LSW221 blower unit or visit the official BLACK+DECKER website.

For technical support or assistance with this replacement part, please contact BLACK+DECKER customer service. Ensure you have your product model number (LSW221) and the part number (5140177-90) available when contacting support.

*Note: Use of non-genuine replacement parts may void your product's warranty.*



Related Documents - 5140177-90

	<p><a href="#">BLACK+DECKER 20V MAX* Lithium Sweeper LSW221 &amp; LSW321 Instruction Manual</a></p> <p>Comprehensive instruction manual for the BLACK+DECKER 20V MAX* Lithium Sweeper models LSW221 and LSW321. Learn about safety guidelines, product features, assembly, operation, charging procedures, and troubleshooting.</p>
	<p><a href="#">BLACK+DECKER BEBLV301 Blower Vac Manual</a></p> <p>Comprehensive user manual for the BLACK+DECKER BEBLV301 blower vac, covering intended use, safety warnings, operation, assembly, maintenance, and troubleshooting.</p>
	<p><a href="#">Black+Decker BEBLV260 Blower Vac User Manual</a></p> <p>Comprehensive user manual for the Black+Decker BEBLV260 Blower Vac, covering safety instructions, operation, maintenance, and troubleshooting.</p>
	<p><a href="#">BLACK+DECKER BV25 Electric Blower/Vacuum: User Manual and Safety Guide</a></p> <p>Comprehensive user manual for the BLACK+DECKER BV25 electric blower and vacuum. Includes safety instructions, operating procedures, maintenance tips, and troubleshooting for optimal performance.</p>
	<p><a href="#">Black &amp; Decker BV3600 Blower Vac: Instruction Manual &amp; Safety Guide</a></p> <p>Comprehensive instruction manual for the Black &amp; Decker BV3600 Blower Vac. Learn about assembly, safe operation, maintenance, and troubleshooting for this powerful garden tool.</p>



[Black & Decker GWC3600L Cordless Sweeper/Blower Vac User Manual and Safety Instructions](#)  
 Comprehensive user manual for the Black & Decker GWC3600L cordless sweeper and blower vacuum. Includes detailed safety warnings, assembly instructions, operating procedures, maintenance tips, technical specifications, and environmental information.

Documents - BLACK DECKER – 5140177-90

Black & Decker Bill of Materials - BILL OF MATERIAL

Product No. Manufacture Product Description Type Identifier  
 LSW221 BLACK & DECKER CORDLESS SWEEPER 1

Item Number	Quantity	Part Number	Part Description	Variant Description
1	1	905271-00	BLOWER TUBE	
2	1	905271-50	POWER HEAD ASSY.	
B01	1	905431	BATTERY	20V LITHIUM
B01	1	905431-01	CHARGER	

[\[pdf\]](#) Catalog

MXW0121 130 MPH 100 CFM 20V MAX Lithium Ion Cordless Handheld Leaf Sweeper with 1.5Ah Battery and Charger Included Replacement Part List BLACK DECKER LSW221 885911449939 0885911449939 1001698259 53fa5079 cd0d 4f98 8177 356832e7cfd5 images thdstatic catalog Images 53 |||

Black Decker Bill of Materials - BILL OF MATERIAL Product NuManufactu Product Description LSW221 ... 1 Part Number Part Description type 2 Variant Description 1 1 2 1 866 1 871 1 5140177-89 **5140177-90** LBXR20 90594331 N504103 N530360 90640802 90594331 BLOWER TUBE POWER HEAD ASSY. BATTERY ... lang:af score:23 filesize: 41.4 K page\_count: 2 document date: 2017-06-01