Makita 135375-9

MAKITA Cylinder Block Set DOLMAR MS-245.4C (135375-9) Instruction Manual

Model: 135375-9

1. Product Overview

The Makita 135375-9 Cylinder Block Set is a genuine replacement part designed for specific DOLMAR MS-245.4C equipment. This component is crucial for the proper functioning of the engine, ensuring optimal compression and combustion. It is manufactured to Makita's high standards, guaranteeing durability and precise fit.



This image displays the Makita Cylinder Block Set, model number 135375-9, designed for DOLMAR MS-245.4C equipment. The component is typically made of durable metal, engineered for precise fit and function within the engine system.

2. Safety Information

Always observe the following safety precautions when handling or installing this part:

- Read and understand the entire instruction manual before installation.
- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves, when working with engine components.
- Ensure the equipment is turned off, disconnected from any power source, and allowed to cool down completely before beginning any work.
- Work in a well-ventilated area.
- Keep children and bystanders away from the work area.

- Use only genuine Makita replacement parts to ensure compatibility and safety.
- If you are unsure about any step, consult a qualified service technician.

3. Setup and Installation

Installation of the cylinder block set requires mechanical aptitude and specific tools. Refer to the original equipment's service manual for detailed, model-specific instructions.

General Installation Steps:

1. **Preparation:** Disassemble the engine components to access the cylinder block. Carefully clean all mating surfaces, removing old gasket material, carbon deposits, and debris.
2. **Inspection:** Inspect surrounding components (e.g., crankshaft, connecting rod, piston) for wear or damage. Replace any worn parts as necessary.
3. **Gasket Placement:** Apply new gaskets to the clean mating surfaces as specified by the equipment manufacturer. Ensure correct orientation.
4. **Cylinder Block Placement:** Carefully position the new cylinder block set onto the engine crankcase, aligning it with the piston and connecting rod.
5. **Fastening:** Secure the cylinder block using the appropriate fasteners. Tighten bolts to the manufacturer's specified torque settings, following the recommended tightening sequence to ensure even pressure and prevent warping.
6. **Reassembly:** Reassemble all other engine components, ensuring all connections are secure and hoses/wires are properly routed.
7. **Initial Checks:** Before starting the engine, perform a visual inspection for any loose parts, leaks, or incorrect assembly.

4. Operating Instructions

Once the cylinder block set is correctly installed, the equipment can be operated according to its original operating manual. The new cylinder block ensures proper engine compression and performance.

- **Break-in Period:** If recommended by the equipment manufacturer, follow any specific break-in procedures for new engine components to ensure proper seating and longevity.
- **Monitor Performance:** Pay attention to engine sound, power output, and any unusual vibrations or smells during initial operation.
- **Fluid Levels:** Ensure all engine fluid levels (e.g., oil, fuel) are correct before starting.

5. Maintenance

Regular maintenance of the engine and its components, including the cylinder block, is essential for prolonging the life of your equipment.

- **Regular Cleaning:** Keep the exterior of the engine and cylinder block clean to prevent dirt and debris buildup, which can affect cooling.
- **Gasket Inspection:** Periodically inspect gaskets around the cylinder block for signs of leaks or deterioration. Replace worn gaskets promptly.
- **Fastener Torque:** Over time, fasteners can loosen. Check and re-torque cylinder head bolts to manufacturer specifications if necessary, especially after initial break-in.

- **Air Filter Maintenance:** A clean air filter is vital for preventing contaminants from entering the cylinder. Clean or replace the air filter regularly as per the equipment's manual.
- **Fuel and Oil Quality:** Use only recommended fuel and oil types to prevent carbon buildup and ensure proper lubrication within the cylinder.

6. Troubleshooting

If you experience issues after installing the cylinder block set, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Loss of Engine Compression	Improperly seated piston rings, damaged cylinder wall, leaking head gasket.	Verify piston ring installation, inspect cylinder for scoring, check head gasket for proper sealing and torque.
Oil Leaks Around Cylinder Block	Damaged or improperly installed gaskets, loose fasteners.	Inspect and replace gaskets, ensure all fasteners are tightened to specifications.
Engine Overheating	Insufficient cooling, improper fuel mixture, excessive carbon buildup.	Check cooling fins, ensure proper fuel/oil mixture, consider decarbonization if necessary.
Unusual Engine Noises	Loose components, internal damage.	Re-check all fasteners. If noises persist, professional inspection is recommended.

If troubleshooting steps do not resolve the issue, contact Makita customer support or a certified service center.

7. Specifications

Attribute	Value
Model Number	135375-9
Manufacturer	Makita
Product Dimensions	1 x 1 x 1 inches
Item Weight	1.47 Pounds
ASIN	B09KGQ3XFX
Date First Available	February 25, 2021
Is Discontinued By Manufacturer	No

8. Warranty and Support

Makita products are manufactured under strict quality control and inspection standards. For specific warranty information regarding this replacement part, please refer to the warranty policy provided with your original equipment or visit the official Makita website.

Customer Support:

For technical assistance, parts inquiries, or service, please contact Makita customer support:

- **Website:** www.makitatools.com
- **Phone:** Refer to the contact section on the official Makita website for regional support numbers.
- **Service Centers:** Locate authorized Makita service centers through their website for professional repairs and genuine parts.

When contacting support, please have your product model number (135375-9) and any relevant purchase information ready.

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