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› [Wacker Neuson](#) /

› [Wacker Neuson BS60-2i Oil-injected Vibratory Rammer User Manual](#)

Wacker Neuson BS60-2i

Wacker Neuson BS60-2i Oil-injected Vibratory Rammer User Manual

Model: BS60-2i

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of the Wacker Neuson BS60-2i Oil-injected Vibratory Rammer. Please read this manual thoroughly before operating the equipment to ensure proper use and to prevent injury or damage.



Figure 1: The Wacker Neuson BS60-2i Oil-injected Vibratory Rammer, showing its compact design and robust construction.

SAFETY INSTRUCTIONS

Always observe general safety regulations and local safety requirements. Failure to follow these instructions may result in serious injury or death.

- Ensure the work area is clear of bystanders and obstacles.

- Wear appropriate personal protective equipment (PPE), including hearing protection, safety glasses, and steel-toed boots.
- Do not operate the rammer in enclosed spaces without adequate ventilation due to exhaust fumes.
- Inspect the rammer for damage or loose parts before each use.
- Never refuel the rammer while the engine is running or hot.

SETUP

1. Unpacking and Inspection

Carefully remove the rammer from its packaging. Inspect for any visible damage that may have occurred during shipping. Report any damage to your dealer immediately.

2. Fuel and Oil Filling

The BS60-2i is an oil-injected model, meaning it has separate tanks for fuel and engine oil. Refer to the labels on the machine for correct fuel type (unleaded gasoline) and oil specifications. Fill both tanks to the recommended levels, ensuring no spills.

1. Locate the fuel tank cap and fill with fresh, clean unleaded gasoline.
2. Locate the oil tank cap and fill with the specified 2-stroke engine oil. Do not mix oil with fuel in the fuel tank.
3. Wipe away any spilled fuel or oil before starting the engine.



Figure 2: Side view of the BS60-2i rammer, highlighting the engine and fuel/oil tank locations.

OPERATING

1. Starting the Engine

1. Place the rammer on a flat, stable surface.
2. Move the choke lever to the "CHOKE" position (cold start).
3. Set the throttle lever to the "START" position.
4. Pull the recoil starter handle firmly until the engine starts.
5. Once the engine starts, gradually move the choke lever to the "RUN" position.
6. Allow the engine to warm up for a few moments before engaging compaction.

2. Compaction Procedure

Guide the rammer over the material to be compacted. The rammer will move forward with each impact. Overlap passes slightly to ensure uniform compaction.

- Maintain a firm grip on the handle.
- Allow the rammer to work at its own pace; do not force it.
- For best results, compact in layers, typically 4-6 inches (10-15 cm) thick.

3. Stopping the Engine

To stop the engine, move the throttle lever to the "STOP" position or press the engine stop button (if equipped).

MAINTENANCE

Regular maintenance is crucial for the longevity and optimal performance of your Wacker Neuson rammer. Always disconnect the spark plug wire before performing any maintenance.

Daily Checks (Before Each Use)

- Check fuel and oil levels.
- Inspect air filter for dirt and debris. Clean or replace if necessary.
- Check all fasteners for tightness.
- Inspect the ramming shoe for wear or damage.
- Verify the condition of the bellows (boot) for cracks or tears.

Weekly / Every 20 Hours

- Clean or replace the spark plug.
- Check and adjust carburetor idle speed if needed.
- Inspect shock mounts for wear.

Monthly / Every 50 Hours

- Clean the cooling fins on the engine.
- Check the oil injection system for proper operation (if applicable).

TROUBLESHOOTING

Problem	Possible Cause	Solution
Engine does not start	No fuel; incorrect choke position; fouled spark plug; clogged fuel filter.	Add fuel; adjust choke; clean/replace spark plug; clean/replace fuel filter.
Loss of compaction force	Worn ramming shoe; damaged bellows; low engine power.	Replace ramming shoe; replace bellows; check engine maintenance.
Excessive smoke from exhaust	Incorrect oil type; too much oil; engine malfunction.	Use correct oil; check oil level; consult authorized service center.

For issues not listed or if solutions do not resolve the problem, contact an authorized Wacker Neuson service center.

SPECIFICATIONS

Attribute	Detail
Model Number	BS60-2i
Manufacturer	Wacker Neuson
Part Number	5200000645
Item Weight	145 pounds
Ramming Shoe Size	280mm / 11 inches (Plastic)
Oil System	Oil-injected
Batteries Included	No
Batteries Required	No
ASIN	B008BIHQSW
Date First Available	June 14, 2012

WARRANTY INFORMATION

Wacker Neuson products are covered by a limited warranty. Specific warranty terms and conditions may vary by region and product. Please refer to the warranty card included with your purchase or visit the official Wacker Neuson website for detailed information regarding coverage, duration, and claims procedures.

Retain your proof of purchase for warranty validation.

CUSTOMER SUPPORT

For technical assistance, spare parts, or service inquiries, please contact your authorized Wacker Neuson dealer or visit the official Wacker Neuson website. When contacting support, please have your model number (BS60-2i) and serial number ready.

Official Website: www.wackerneuson.com

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Related Documents - BS60-2i

	<p><u>Wacker Neuson Hafif Ekipman Onarım Kitleri: İhtiyacınız Olan Her Şey Tek Pakette</u></p> <p>Wacker Neuson Light Equipment onarım kitleri, hızlı ve sorunsuz onarımlar için ihtiyacınız olan tüm orijinal parçaları tek bir pakette sunar. Contalardan vidalara kadar her şey dahil, ekipmanınızın ömrünü uzatın.</p>
	<p><u>Wacker Neuson DPU Vibratory Plate Operator's Manual</u></p> <p>This operator's manual provides essential information and procedures for the safe, proper, and economic operation of Wacker Neuson DPU series vibratory plates. It covers safety instructions, components, operation, maintenance, and troubleshooting for models DPU 80, 90, and 110.</p>
	<p><u>Wacker Neuson WP 1550A/AW Vibroplate Operator's Manual and Technical Data</u></p> <p>Comprehensive operator's manual and technical specifications for the Wacker Neuson WP 1550A and WP 1550AW Vibroplate, covering safety, operation, maintenance, and technical data. Includes troubleshooting and EC Declaration of Conformity.</p>
	<p><u>Wacker Neuson Repair Kits for Light Equipment and Compactors</u></p> <p>Discover genuine Wacker Neuson repair kits for light equipment and compactors. Ensure professional and trouble-free maintenance with comprehensive kits containing all necessary parts for various models like WM 80, DPU, and BS series.</p>
	<p><u>Wacker Neuson Light Equipment Repair Kits - Original Spare Parts</u></p> <p>Discover Wacker Neuson's comprehensive repair kits for Light Equipment, including genuine spare parts for efficient and trouble-free maintenance of tampers and vibratory plates.</p>
	<p><u>Wacker Neuson Repair Kits for Light Equipment</u></p> <p>Comprehensive list of Wacker Neuson repair kits for light equipment, including rammers, WM 80 engines, and vibratory plates, with item numbers and component details for essential maintenance and repair.</p>