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Briggs & Stratton 27752

Briggs & Stratton 27752 Cylinder Head Gasket Instruction Manual

Genuine Original Equipment Manufacturer (OEM) Part

Important Safety Information

Always prioritize safety when working with engine components. Failure to follow safety precautions can result in serious injury or damage to equipment.

- **Disconnect the spark plug wire:** Before performing any service, disconnect the spark plug wire to prevent accidental engine starting.
- **Allow engine to cool:** Ensure the engine is completely cool before handling any components to avoid burns.
- **Wear appropriate personal protective equipment (PPE):** This includes safety glasses and gloves.
- **Work in a well-ventilated area:** Ensure proper ventilation if working with fuels or cleaning agents.
- **Consult your engine's service manual:** For specific torque specifications and detailed disassembly/assembly procedures for your particular engine model.

Product Overview

The Briggs & Stratton Part #27752 is a genuine OEM cylinder head gasket. This component is critical for maintaining a proper seal between the cylinder head and the engine block, preventing compression loss and oil/coolant leaks. Using genuine OEM parts ensures optimal fit, performance, and durability for your Briggs & Stratton engine.



An image showing the Briggs & Stratton 27752 cylinder head gasket, a genuine OEM replacement part designed to seal the cylinder head to the engine block.

Compatibility

This Briggs & Stratton 27752 cylinder head gasket is compatible with a wide range of Briggs & Stratton engine models. Please verify your engine's specific model number against the list below to ensure proper fitment. This gasket is known to be compatible with, but not limited to, the following engine models:

- 191431-0129-99, 193431-0123-99, 193432-0151-99
- 200401-0010-99, 200401-0019-99, 200401-0110-99, 200401-0121-99, 200401-0122-99, 200401-0139-99, 200401-0152-99, 200401-0156-99, 200401-0162-99, 200401-0167-99, 200401-0169-99, 200401-0174-99, 200401-0181-99, 200401-0190-99
- 200402-0022-99, 200402-0111-99, 200402-0194-99
- 200404-0118-99, 200404-0164-99
- 200411-0126-99, 200414-0127-99

- 200431-0020-99, 200431-0021-99, 200431-0023-99, 200431-0112-99, 200431-0113-99, 200431-0115-99, 200431-0120-99, 200431-0123-99, 200431-0124-99, 200431-0125-99, 200431-0130-99, 200431-0131-99, 200431-0135-99, 200431-0136-99, 200431-0137-99, 200431-0138-99, 200431-0140-99, 200431-0143-99, 200431-0144-99, 200431-0145-99, 200431-0146-99, 200431-0148-99, 200431-0153-99, 200431-0155-99, 200431-0158-99, 200431-0159-99, 200431-0160-99, 200431-0161-99, 200431-0163-99, 200431-0165-99, 200431-0166-99, 200431-0168-99, 200431-0171-99, 200431-0172-99, 200431-0177-99, 200431-0178-99, 200431-0179-99, 200431-0182-99, 200431-0185-99, 200431-0187-99, 200431-0188-99, 200431-0195-99, 200431-0199-99
- 200432-0060-99, 200432-0141-99
- 200451-0030-99, 200451-0116-99, 200451-0128-99, 200451-0129-99, 200451-0132-99, 200451-0133-99, 200451-0134-99, 200451-0142-99, 200451-0147-99, 200451-0149-99, 200451-0150-99, 200451-0151-99, 200451-0157-99, 200451-0170-99, 200451-0173-99, 200451-0175-99, 200451-0176-99, 200451-0184-99, 200451-0186-99, 200451-0191-99, 200451-0196-99, 200451-0197-99, 200451-0200-99
- 200452-0039-99, 200452-0180-99, 200452-0192-99, 200452-0193-99
- 200454-0183-99, 200454-0198-99

Installation (Setup)

Replacing a cylinder head gasket requires careful attention to detail. If you are not comfortable performing this repair, it is recommended to seek assistance from a qualified service technician.

1. **Preparation:**
    - Ensure the engine is cool and the spark plug wire is disconnected.
    - Remove any components obstructing access to the cylinder head (e.g., air filter, carburetor, exhaust, engine shroud).
    - Drain engine oil and/or coolant if necessary, depending on your engine design.
2. **Cylinder Head Removal:**
    - Carefully loosen the cylinder head bolts in a reverse sequence of the tightening pattern (usually from outside-in, but consult your engine manual).
    - Remove the cylinder head and the old gasket. Note the orientation of the cylinder head for reassembly.
3. **Surface Preparation:**
    - Thoroughly clean both the cylinder head and engine block mating surfaces. Remove all traces of the old gasket material, carbon deposits, and corrosion. Use a plastic scraper or fine abrasive pad, being careful not to scratch or gouge the surfaces.
    - Ensure surfaces are clean, dry, and free of oil or debris.
4. **Gasket Installation:**
    - Place the new Briggs & Stratton 27752 cylinder head gasket onto the engine block, ensuring it is correctly aligned with the bolt holes and passages. The gasket should fit perfectly without force.
5. **Cylinder Head Reassembly:**
    - Carefully place the cylinder head back onto the engine block, aligning it with the gasket and dowel pins (if present).
    - Install the cylinder head bolts and hand-tighten them.
    - **Torqueing Bolts:** Tighten the cylinder head bolts in the specified sequence and to the correct torque specifications using a torque wrench. Refer to your engine's service manual for the exact pattern and torque

values. Incorrect torque can lead to gasket failure or cylinder head warpage.

6. **Final Reassembly:**
    - Reinstall all removed components (carburetor, exhaust, air filter, shrouds, etc.).
    - Reconnect the spark plug wire.
    - Refill engine oil and/or coolant if drained.

Post-Installation Checks

After installing the new cylinder head gasket and reassembling the engine, perform the following checks before putting the equipment into full operation:

- **Visual Inspection:** Check all connections, hoses, and fasteners to ensure they are secure. Look for any tools or debris left in the engine area.
- **Fluid Levels:** Verify engine oil and coolant (if applicable) are at the correct levels.
- **Initial Start-up:** Start the engine and allow it to run at idle for a few minutes. Listen for any unusual noises.
- **Leak Check:** Carefully inspect around the cylinder head for any signs of oil, fuel, or coolant leaks. Address any leaks immediately.
- **Monitor Performance:** During initial use, pay attention to engine performance, temperature, and any warning indicators.

Maintenance

The Briggs & Stratton 27752 cylinder head gasket is designed for long-term reliability. While it does not require routine maintenance itself, its integrity is crucial for engine health. Consider the following:

- **Regular Inspections:** Periodically inspect the area around the cylinder head for any signs of oil or coolant leaks, which could indicate a failing gasket.
- **Engine Overheating:** Prevent engine overheating, as excessive heat can damage gaskets and lead to premature failure.
- **Replacement During Overhaul:** It is good practice to replace the cylinder head gasket whenever the cylinder head is removed for other engine repairs or during a major engine overhaul.

Troubleshooting

If you experience issues after installing the new gasket, or if you suspect a gasket failure, consider the following:

- **Oil or Coolant Leaks:** If leaks are present around the cylinder head, re-check the cylinder head bolt torque. If leaks persist, the gasket may be improperly seated or damaged, requiring re-installation or replacement.
- **Loss of Compression:** A faulty head gasket can lead to a loss of engine compression, resulting in reduced power, misfires, or difficulty starting. A compression test can confirm this.
- **White Smoke from Exhaust:** This can indicate coolant burning in the combustion chamber, often due to a compromised head gasket.
- **Engine Overheating:** A blown head gasket can sometimes cause engine overheating by allowing combustion gases into the cooling system or by impeding coolant flow.

If troubleshooting steps do not resolve the issue, it is recommended to consult a professional engine technician.

Specifications

Part Number	27752
Brand	Briggs & Stratton
Type	Cylinder Head Gasket
Material	Plastic
Item Weight	0.07 Kilograms
UPC	024847763928

Warranty and Support

As a genuine Original Equipment Manufacturer (OEM) part, the Briggs & Stratton 27752 cylinder head gasket is manufactured to high standards. For specific warranty information regarding this part, please refer to the official Briggs & Stratton warranty policy or contact Briggs & Stratton customer support directly. Keep your purchase receipt as proof of purchase.
For technical assistance or further inquiries, please visit the official Briggs & Stratton website or contact their authorized service centers.

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