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Briggs & Stratton 100028 + 696854 + 31001 + P

Briggs & Stratton SAE 30 Oil Change Kit

INSTRUCTION MANUAL

Introduction

This manual provides essential instructions for the proper use and maintenance of your Briggs & Stratton SAE 30 Oil Change Kit. This kit is designed to facilitate routine oil and filter replacement for compatible lawn mower engines, ensuring optimal performance and longevity. It includes genuine Briggs & Stratton components and a fuel treatment additive.



Image: The Briggs & Stratton SAE 30 Oil Change Kit, featuring a bottle of SAE 30 engine oil, a yellow oil filter, a bottle of 3-in-1 Advanced Fuel Treatment, and an oil absorbent pad.

Kit Contents:

- Briggs & Stratton 30W Engine Oil - 48 Oz. (Part Number 100028)
- Genuine OEM Briggs & Stratton Oil Filter (Part Number 696854)
- Oil absorbent pad
- 3-n-1 Advanced Fuel Treatment by Power Performance - 2oz Bottle

Setup and Safety

Before beginning any maintenance, ensure the engine is cool and the spark plug wire is disconnected to prevent accidental starting. Always wear appropriate personal protective equipment, such as gloves and eye protection.

Perform the oil change in a well-ventilated area.

Preparation:

1. Gather necessary tools: wrench for oil drain plug and oil filter, oil drain pan, and rags.
2. Position the oil absorbent pad under the engine to catch any spills.
3. Ensure the engine is on a level surface.

Operating (Oil Change Procedure)

Engine Oil and Filter Replacement:

1. Place an oil drain pan beneath the engine's oil drain plug.
2. Remove the oil drain plug and allow all old oil to drain completely.
3. Once drained, replace the oil drain plug and tighten it securely.
4. Locate the old oil filter. Use an oil filter wrench to loosen and remove it. Be prepared for residual oil to drain.
5. Apply a thin film of new engine oil to the rubber gasket of the new Briggs & Stratton oil filter (Part Number 696854).
6. Screw on the new oil filter by hand until the gasket makes contact with the engine. Then, tighten an additional 1/2 to 3/4 turn. Refer to your engine's specific manual for exact tightening specifications.
7. Remove the oil fill cap/dipstick. Slowly pour the new Briggs & Stratton SAE 30 engine oil (Part Number 100028) into the engine. The kit contains 48 oz. of oil. Refer to your engine's manual for the exact oil capacity.
8. Check the oil level using the dipstick. Add oil gradually until the level is within the recommended range. Do not overfill.
9. Replace the oil fill cap/dipstick.



Image: The back label of the Briggs & Stratton SAE 30 engine oil bottle, showing directions for use and warnings. The UPC is

0024847761399.

Fuel Treatment Application:

The included 3-n-1 Advanced Fuel Treatment helps stabilize fuel for up to 2 years, cleans the fuel system, and protects against ethanol damage.

1. Add the entire 2oz bottle of Power Performance 3-n-1 Advanced Fuel Treatment to your fuel tank before filling with gasoline.
2. This 2oz bottle treats up to 10 gallons of gasoline. Adjust quantity if using less fuel.



Image: The front label of the Power Performance 3-in-1 Advanced Fuel Treatment bottle, highlighting its 3-in-1 benefits for 4-cycle and 2-cycle gasoline engines.



Image: The back label of the Power Performance 3-in-1 Advanced Fuel Treatment bottle, detailing its cleaning, protecting, and stabilizing properties, along with safety warnings. The UPC is 0690284486388.

Maintenance

Regular oil changes are crucial for the health of your engine. Refer to your engine's owner's manual for specific oil change intervals, typically after a certain number of operating hours or annually, whichever comes first. The SAE 30 oil is suitable for temperatures above 40°F (4°C). For colder conditions, consult your engine manual for alternative viscosity recommendations.

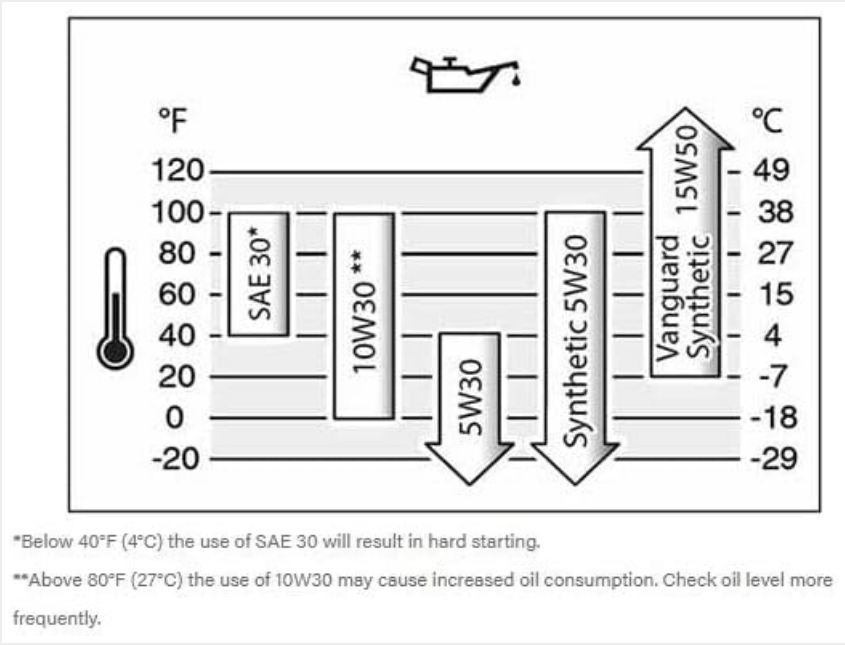

Image: A chart illustrating recommended oil viscosities (SAE 30, 10W30, 5W30, Synthetic 5W30, Vanguard Synthetic 15W50) based on ambient temperature ranges in both Fahrenheit and Celsius. Notes indicate that SAE 30 below 40°F (4°C) may cause hard starting, and 10W30 above 80°F (27°C) may increase oil consumption.

Proper disposal of used oil and filters is important for environmental protection. Contact your local recycling center for guidance on proper disposal methods.

Troubleshooting

If you encounter issues after an oil change, consider the following:

- **Oil Leakage:** Check the oil drain plug and oil filter for proper tightening. Ensure the oil filter gasket is seated correctly and not damaged.
- **Low Oil Pressure:** Verify the oil level is correct. If the issue persists, consult a qualified service technician.
- **Engine Performance Issues:** Ensure the correct type and amount of oil were used. If fuel-related, confirm the fuel treatment was added correctly and that fresh, clean fuel is in the tank.

Always refer to your specific engine's owner's manual for detailed troubleshooting steps and safety information.

Specifications

Manufacturer	Briggs & Stratton
Brand	Briggs & Stratton
Model Number	100028 + 696854 + 31001 + P
Item Weight	4 pounds
Package Dimensions	8 x 6 x 6 inches
Engine Oil Viscosity	SAE 30W
Oil Filter Part Number	696854
Fuel Treatment Capacity	2oz (treats 10 gallons)

Vehicle Service Type	Lawn Mower

Warranty and Support

Briggs & Stratton products are manufactured to high-quality standards. For specific warranty information regarding the components in this kit, please refer to the documentation included with your engine or visit the official Briggs & Stratton website. Genuine Briggs & Stratton parts are designed to meet the warranty requirements of Briggs & Stratton engines. For technical assistance or further inquiries, please contact Briggs & Stratton customer support. You can typically find contact information on their official website or within your engine's owner's manual.
Online Support: Briggs & Stratton Support

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