



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for BRIGGS & STRATTON 303000. You'll find the answers to all your questions on the BRIGGS & STRATTON 303000 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual BRIGGS & STRATTON 303000  
User guide BRIGGS & STRATTON 303000  
Operating instructions BRIGGS & STRATTON 303000  
Instructions for use BRIGGS & STRATTON 303000  
Instruction manual BRIGGS & STRATTON 303000



- en** Operator's Manual
- bg** Инструкции за експлоатация
- cs** Návod k obsluze
- et** Kasutusjuhend
- hr** Priručnik za operatera
- hu** Kezelési útmutató
- it** Naudojimo instrukcija
- lv** Operatora rokasgrāmata
- pl** Instrukcja obsługi
- ro** Manual de utilizare
- ru** Руководство по эксплуатации
- sl** Priložnik za uporabo

Model 290000	Vanguard™ Gaseous	Model 350000	Vanguard™ Gaseous
Model 300000	Vanguard™ Gaseous	Model 380000	Vanguard™ Gaseous



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Form No. 278388EST -

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**Manual abstract:**

**CAUTION:** This engine was shipped from Briggs & Stratton without oil. Before you start the engine, make sure you add oil according to the instructions in this manual. If you start the engine without oil, it will be damaged beyond repair and will not be covered under warranty. The gross power rating for individual gas engine models is labeled in accordance with SAE (Society of Automotive Engineers) code J1940 (Small Engine Power & Torque Rating Procedure), and rating performance has been obtained and corrected in accordance with SAE J1995 (Revision 2002-05). Torque values are derived at 3060 RPM; horsepower values are derived at 3600 RPM. Actual gross engine power will be lower and is affected by, among other things, ambient operating conditions and engine-to-engine variability. Given both the wide array of products on which engines are placed and the variety of environmental issues applicable to operating the equipment, the gas engine will not develop the rated gross power when used in a given piece of power equipment (actual "on-site" or net power). This difference is due to a variety of factors including, but not limited to, accessories (air cleaner, exhaust, charging, cooling, carburetor, fuel pump, etc. ), application limitations, ambient operating conditions (temperature, humidity, altitude), and engine-to-engine variability. Due to manufacturing and capacity limitations, Briggs & Stratton may substitute an engine of higher rated power for this Series engine.

Do not crank engine with spark plug removed. when Operating Equipment · Never start or run the engine with the air cleaner assembly (if equipped) or the air filter (if equipped) removed. On Natural/Liquid Petroleum (LP) Gas engines, transport with fuel cylinder empty or valve closed, or fuel tank disconnected. when Storing Equipment With Fuel In Tank · Store away from furnaces, stoves, water heaters or other appliances that have a pilot light or other ignition source because they can ignite gaseous vapors. If there is natural or LP gas leakage in area, do not start engine.

Do not use pressurized starting fluids because vapors are flammable. Is used to identify safety information about hazards that can result in personal injury. The safety alert symbol result in personal injury. a signal word (DANGER, WARNING, or CAUTION) is used with the alert symbol to indicate the likelihood and the potential severity of injury. In addition, a hazard symbol may be used to represent the type of hazard. Breathing carbon monoxide can cause nausea, fainting or death. start and run engine outdoors. Do not start or run engine in enclosed area, even if doors or windows are open. DANGER indicates a hazard which, if not avoided, will result in death or WARNING indicates a hazard which, if not avoided, could result in death or Rapid retraction of starter cord (kickback) will pull hand and arm toward engine faster than you can let go. Broken bones, fractures, bruises or sprains could result. When starting engine, pull the starter cord slowly until resistance is felt and then pull rapidly to avoid kickback. CAUTION indicates a hazard which, if not avoided, might result in minor or CAUTION, when used without the alert symbol, indicates a situation that Rotating parts can contact or entangle hands, feet, hair, clothing, or accessories. Keep hands and feet away from rotating parts. tie up long hair and remove jewelry. Do not wear loose-fitting clothing, dangling drawstrings or items that could become caught. Do not actuate any electrical switches.

Do not use a phone in the vicinity. Engine parts, especially muffler, become extremely hot. Allow muffler, engine cylinder and fins to cool before touching. Remove accumulated debris from muffler area and cylinder area. Install and maintain in working order a spark arrester before using equipment on forest-covered, grass-covered, brush-covered unimproved land. @@Other states may have similar laws. Wear eye protection when doing repair work. Frostbite can result from skin/eye contact with leaking LP liquid. Installation, adjustment and repair work should be done by a qualified technician. regularly check flexible supply line.

Make sure they are in good condition. Disconnect the spark plug wire and keep it away from the spark plug. @@@@Do not check for spark with spark plug removed. Missing or inoperative "fuel lock-off" valve can cause a fire or explosion. Do not operate the equipment if the "fuel lock-off" valve is missing or inoperative.

Compare the illustration 1 with your engine to familiarize yourself with the location of various features and controls. Missing or inoperative "fuel lock-off" valve can cause a fire or explosion. Do not operate the equipment if the "fuel lock-off" valve is missing or inoperative. Fuel must meet these requirements: · Use clean, dry fuel, free of moisture or any particulate material. Using fuels outside the following recommended values may cause performance problems. Recommended fuel composition is fuel with a minimum fuel energy of 2500 BTU's/ft<sup>3</sup> with maximum propylene content of 5% and butane and heavier gas content of 2. WARNING: The equipment on which this engine is mounted is equipped with an automatic safety gas "fuel lock-off" valve. Do not operate the equipment if the "fuel lock-off" valve is missing or inoperative. Other high-quality detergent oils are acceptable if classified for service SF, SG, SH, SJ or higher. Do not use special additives. Rapid retraction of starter cord (kickback) will pull hand and arm toward engine faster than you can let go. Broken bones, fractures, bruises or sprains could result. When starting engine, pull the starter cord slowly until resistance is felt and then pull rapidly to avoid kickback. Below 40°F (4°C) the use of SAE 30 will result in hard starting. \*\* Above 80°F (27°C) the use of 10W-30 may cause increased oil consumption.

Check oil level more frequently. Do not crank engine with spark plug removed. Before adding or checking the oil · Clean the oil fill area of any debris. 1. Remove the dipstick (A) and wipe with a clean cloth (Figure 2). If low, add oil slowly into the engine oil fill (C). do not overfill. After adding oil, wait one minute and then recheck the oil level. Breathing carbon monoxide can cause nausea, fainting or death. Do not start or run engine in enclosed area, even if doors or windows are open.

**CAUTION:** This engine was shipped from Briggs & Stratton without oil. Before you start the engine, make sure you add oil according to the instructions in this manual. If you start the engine without oil, it will be damaged beyond repair and will not be covered under warranty. Make sure equipment drive controls, if equipped, are disengaged. Rewind Start: Turn the key switch (D), if equipped, to the run position.

If the oil pressure is too low, a pressure switch (if equipped) will either stop the engine or activate a warning device on the equipment. If this occurs, stop the engine and check the oil level with the dipstick.



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If the oil level is below the ADD mark, add oil until it reaches the FULL mark. Start the engine and check for proper pressure before continuing to operate. If the oil level is between the ADD and FULL marks, do not start the engine.

Pull the starter cord handle slowly until resistance is felt, then pull rapidly. Note: If the engine does not start after three attempts, go to BRIGGSandSTRATTON. \* Clean air filter \* Clean pre-cleaner (if equipped) \* Change engine oil and filter Replace spark plug Check muffler and spark arrester Check valve clearance \*\* Change air filter Clean air cooling system \* Clean oil cooler fins \* In dusty conditions or when airborne debris is present, clean more often. WARNING: Rapid retraction of the starter cord (kickback) will pull your hand and arm toward the engine faster than you can let go. Broken bones, fractures, bruises or sprains could result. When starting engine, pull the starter cord slowly until resistance is felt and then pull rapidly to avoid kickback. Note: If the engine does not start after three attempts, go to BRIGGSandSTRATTON. cOM or call 1-800-233-3723 (in USA). CAUTION: To extend the life of the starter, use short starting cycles (five seconds maximum). Wait one minute between starting cycles.

\*\* Not required unless engine performance problems are noted. With the throttle control (B) in the slow position, turn the key switch (D) to the off position (Figure 3). Remove the key and keep in a safe place out of the reach of children. 2. Push the stop switch (F) to the off position. 3. After the engine stops, turn the fuel shut-off valve (A), if equipped, to the closed position. Note: In some areas, local law requires using a resistor spark plug to suppress ignition signals. If this engine was originally equipped with a resistor spark plug, use the same type for replacement. Engine parts, especially muffler, become extremely hot.

Allow muffler, engine cylinder and fins to cool before touching. Remove accumulated debris from muffler area and cylinder area. Install and maintain in working order a spark arrester before using equipment on forest-covered, grass-covered, brush-covered unimproved land. @@Other states may have similar laws. @@In addition, use of other parts may void your warranty.

@@@@@@@@@@@@@@@@Do not discard with household waste. @@@Disconnect the spark plug wire and keep it away from the spark plug.

@@@@@@@@ 1. @@@After the oil has drained, install and tighten the oil drain plug. Some models are equipped with oil filter.

@@ 4. @@As the engine warms up, check for oil leaks. 7. Stop the engine and check the oil level. Do not check for spark with spark plug removed.

@@Remove the dipstick (D) and wipe with a clean cloth (Figure 11). 2. Pour the oil slowly into the engine oil fill (E). do not overfill. After adding oil, wait one minute and then check the oil level.

Engine parts, especially muffler, become extremely hot. Allow muffler, engine cylinder and fins to cool before touching. Remove accumuoses.

@@@@@@@@Any Authorized Service Dealer may perform warranty repairs. @@@@Ask the Service Dealer to submit all supporting facts to his Distributor or the Factory for review. If the Distributor or the Factory decides that the claim is justified, the customer will be fully reimbursed for those items that are defective. To avoid misunderstanding which might occur between the customer and the Dealer, listed below are some of the causes of engine failure that the warranty does not cover. Normal wear: Engines, like all mechanical devices, need periodic parts service and replacement to perform well. Warranty will not cover repair when normal use has exhausted the life of a part or an engine. Warranty would not apply if engine damage occurred because of misuse, lack of routine maintenance, shipping, handling, warehousing or improper installation.

Similarly, warranty is void if the serial number of the engine has been removed or the engine has been altered or modified. Improper maintenance: The life of an engine depends upon the conditions under which it operates, and the care it receives. Some applications, such as tillers, pumps and rotary mowers, are very often used in dusty or dirty conditions, which can cause what appears to be premature wear. Such wear, when caused by dirt, dust, spark plug cleaning grit, or other abrasive material that has entered the engine because of improper maintenance, is not covered by warranty. This warranty covers engine related defective material and/or workmanship only, and not replacement or refund of the equipment to which the engine may be mounted.

Nor does the warranty extend to repairs required because of: 1 2 Problems caused by parts that are not original Briggs & Stratton parts. Equipment controls or installations that prevent starting, cause unsatisfactory engine performance, or shorten engine life. Leaking carburetors, clogged fuel pipes, sticking valves, or other damage, caused by using contaminated or stale fuel. Parts which are scored or broken because an engine was operated with insufficient or contaminated lubricating oil, or an incorrect grade of lubricating oil (check and refill when necessary, and change at recommended intervals). OIL GARD may not shut down running engine.

Engine damage may occur if oil level is not properly maintained. Damage or wear to parts caused by dirt, which entered the engine because of improper air cleaner maintenance, re-assembly, or use of a non-original air cleaner element or cartridge. at recommended intervals , clean and/or replace the filter as stated in the Operator's Manual. Parts damaged by over-speeding, or overheating caused by grass, debris, or dirt, which plugs or clogs the cooling fins, or flywheel area, or damage caused by operating the engine in a confined area without sufficient ventilation. clean engine debris at recommended intervals as stated in the Operator's Manual. Engine or equipment parts broken by excessive vibration caused by a loose engine mounting, loose cutter blades, unbalanced blades or loose or unbalanced impellers, improper attachment of equipment to engine crankshaft, over-speeding or other abuse in operation. A bent or broken crankshaft, caused by striking a solid object with the cutter blade of a rotary lawn mower, or excessive v-belt tightness. Locate your nearest Authorized Service Dealer in our dealer locator map on BRIGGSandSTRATTON. EPA and B&S are pleased to explain the Emissions Control System Warranty on your small off-road engine (SORE). In California, new small off-road engines model year 2006 and later must be designed, built and equipped to meet the State's stringent anti-smog standards.

Elsewhere in the United States, new non-road, spark-ignition engines certified for model year 1997 and later must meet similar standards set forth by the U. B&S must warrant the emissions control system on your engine for the periods of time listed below, provided there has been no abuse, neglect or improper maintenance of your small off-road engine. Your emissions control system includes parts such as the carburetor, air cleaner, ignition system, fuel line, muffler and catalytic converter.



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Also included may be connectors and other emissions related assemblies. Where a warrantable condition exists, B&S will repair your small off-road engine at no cost to you including diagnosis, parts and labor. Period of two years, subject to provisions set forth below. If any covered part on your engine is defective, the part will be repaired or replaced by B&S. As the small off-road engine owner, you are responsible for the performance of the required maintenance listed in your Operating and Maintenance Instructions. B&S recommends that you retain all your receipts covering maintenance on your small off-road engine, but B&S cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance. As the small off-road engine owner, you should however be aware that B&S may deny you warranty coverage if your small off-road engine or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

You are responsible for presenting your small off-road engine to an Authorized B&S Service Dealer as soon as a problem exists. The undisputed warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days. If you have any questions regarding your warranty rights and responsibilities, you should contact a B&S Service Representative at (414) 259-5262. The emissions warranty is a defects warranty. Defects are judged on normal engine performance.

Small off-road engines are warranted relative to emissions control parts defects for a The following are specific provisions relative to your Emissions Control Defects Warranty Coverage. It is in addition to the B&S engine warranty for non-regulated engines found in the Operating and Maintenance Instructions. 1.

Warranted Parts Coverage under this warranty extends only to the parts listed below (the emissions control systems parts) to the extent these parts were present on the engine purchased. Fuel line, fuel line fittings, clamps · Air injection system or pulse valve failure of the Warranted Parts for a period of two years from the date the engine is delivered to a retail purchaser.

3. No Charge Repair or replacement of any Warranted Part will be performed at no charge to the owner, including diagnostic labor which leads to the determination that a Warranted Part is defective, if the diagnostic work is performed at an Authorized B&S Service Dealer. Claims and Coverage Exclusions Warranty claims shall be filed in accordance with the provisions of the B&S Engine Warranty Policy. Warranty coverage shall be excluded for failures of Warranted Parts which are not original B&S parts or because of abuse, neglect or improper maintenance as set forth in the B&S Engine Warranty Policy.

@ @ 5. @ @ @ @ @ Consequential Coverage Coverage hereunder shall extend to the failure of any engine components caused by the failure of any Warranted Part still under warranty. Connectors and assemblies Length of Coverage B&S warrants to the initial owner and each subsequent purchaser that the Warranted Parts shall be free from defects in materials and workmanship which caused the Engines that are certified to meet the California Air Resources

Board (CARB) Emissions Standard must display information regarding the Emissions Durability Period and the Air Index. Briggs & Stratton makes this information available to the consumer on our emissions labels. The engine emissions label will indicate certification information. The Emissions Durability Period describes the number of hours of actual running time for which the engine is certified to be emissions compliant, assuming proper maintenance in accordance with the Operating & Maintenance Instructions.

The following categories are used: Moderate: Engine is certified to be emissions compliant for 125 hours of actual engine running time. Intermediate: Engine is certified to be emissions compliant for 250 hours of actual engine running time. Extended: Engine is certified to be emissions compliant for 500 hours of actual engine running time. For example, a typical walk-behind lawn mower is used 20 to 25 hours per year. Therefore, the Emissions Durability Period of an engine with an intermediate rating would equate to 10 to 12 years. Briggs & Stratton engines are certified to meet the United States Environmental Protection

Agency (USEPA) Phase 2 emissions standards. For Phase 2 certified engines, the Emissions Compliance Period referred to on the Emissions Compliance label indicates the number of operating hours for which the engine has been shown to meet Federal emissions requirements. For engines less than 225 cc displacement. Category C = 125 hours, Category B = 250 hours, Category A = 500 hours For engines of 225 cc or more displacement. Category C = 250 hours, Category B = 500 hours, Category A = 1000 hours Posuôte páeku akcelerátoru (B) do polohy slow a otoète klíèkem (D) do polohy off (Obrázek 3).

Servisní díl Vzduchový filtr -- kromi modelu 380000 Vzduchový filtr -- model 380000 Pøedfiltr vzduchového filtru -- kromi modelu 380000 Pøedfiltr vzduchového filtru -- model 380000 Olej -- SAE 30 Olejový filtr -- 6 cm dlouhý Olejový filtr -- 9 cm dlouhý Èíslo dílu 394018 692519 272490 692520 100028 492932 491056 Servisní díl Zapalovací svíèka s odrusením Platinová zapalovací svíèka s dlouhou životností Klíè na zapalovací svíèku Zkouseèka zapalování Èíslo dílu 491055 5066 19374 19368 A mudel 380000 Óhufiltri eelpuhasti - mudel 380000 Óli - SAE 30 Varuosa number 394018 692519 272490 692520 100028 Varuosa Ólifilter - 9 cm pikk Takistiga süüteküünal Pikaeline plaatina-süüteküünal Süüteküünla võri Süütestester Varuosa number 491056 491055 5066 19374 19368 Pomaknite regulator gasa (B) u položaj slow, okrenite sklopku s kljuèem (D) u položaj off (slika 3). Servisni dio Zraèni filter -- osim modela 380000 Zraèni filter -- model 380000 Predfilter zraènog filtra -- osim modela 380000 Predfilter zraènog filtra -- model 380000 Ulje -- SAE 30 Filter ulja - 6 cm duljine Filter ulja - 9 cm duljine Broj dijela 394018 692519 272490 692520 100028 492932 491056 Servisni dio Svjeæica s otpornikom Dugovjeèna platinasta svjeæica Kljuè za svjeæicu Ispitivaè iskre Broj dijela 491055 5066 19374 19368 Nustatykite greicio regulatori (B) slow (Itai) padt, pasukite jungikl (D) off padt (Pav. Ievirziet droseles vadbu (B) stvokl slow (lms), pagrieziet atslgas sldzi (D) uz off (izslgts) stvokli (Attlu 3). Czêoeci zamienne

Filter powietrza - za wyjtkiem modelu 380000 Filtr powietrza - model 380000 Filtr wstêpny ukãadu filtra powietrza - za wyjtkiem modelu 380000 Filtr wstêpny ukãadu filtra powietrza - model 380000 Olej - SAE 30 Filtr oleju - dũgooeæ 6 cm Numer czêoeci 394018 692519 272490 692520 100028 492932 Czêoeci zamienne Filtr oleju - dũgooeæ 9 cm OEwieca zapõnowa o podwy¿szonej opornooci Platynowa oewieca zapõnowa o podwy¿szonej trwaõoeci Klucz do oewiecy zapõnowej Tester iskry Numer czêoeci 491056 491055 5066 19374 19368 Nu purtapi haine largi, nururi care atãrnã sau articole care ar

putea fi agãpate.



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*Deplasati comanda acceleratiei (B) în pozitia slow (lent) , apoi rotiți comutatorul cu cheie (D) în pozitia off (oprit) (Figura 3).*  
*Componentă service Filtru de aer -- în afară de modelul 380000 Filtru de aer -- model 380000 Prefiltru filtru de aer -- în afară de modelul 380000 Prefiltru filtru de aer -- model 380000 Ulei -- SAE 30 Piesa numărul 394018 692519 272490 692520 100028 Componentă service Filtru de ulei -- 9 cm lungime Bujie cu rezistor Bujie de platină cu durată lungă de viață Cheie pentru bujii Tester de bujii Piesa numărul 491056 491055 5066 19374 19368 Pentru a evita eventualele neînțelegeri care pot interveni între clienți și distribuitori, vă prezentăm enumerate mai jos câteva din cauzele defectării motorului pentru care nu se aplică garanția. Nadomestni del Stevilka dela Nadomestni del Stevilka dela Zraèni filter -- razen model 380000 394018 Oljni filter -- 9 cm dolg 491056 Zraèni filter -- model 380000 692519 Uporovna vzigalna sveèka 491055 Predfilter za zraèni filter -- razen model 380000 272490 Platinasta vzigalna sveèka z dolgo zivljenjsko dobo 5066 Predfilter za zraèni filter -- model 380000 692520 Kljuè za pritrditev vzigalne sveèke 19374 Olje -- SAE 30 100028 Naprava za preizkusanje iskre 19368 Oljni filter -- 6 cm dolg 492932 n Priporoèamo, da se obrnete na pooblašèeni servis Briggs & Stratton za vsa vzdrzevalna dela in servisiranje motorja in njegovih delov. .*



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