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PowerSmart PS4532

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MODEL: PS4532

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation and maintenance of your PowerSmart PS4532 2-Cycle 25.4cc Gas String Trimmer/Edger. Please read it thoroughly before first use and keep it for future reference.

Key Features:

- **Powerful 25.4cc 2-Cycle Engine:** Ensures stable operation and efficient grass cutting.
- **3-in-1 Design:** Functions as a 16-inch gas weed wacker, 10-inch brush cutter, and edger, allowing easy switching between tasks.
- **Lightweight and Comfortable:** Weighs only 18.7 pounds and includes a shoulder strap for reduced user fatigue during extended use.
- **Quick Start:** Designed for fast starting with minimal pulls, improving working efficiency.
- **Easy Storage:** Features a removable design for convenient assembly and compact storage.

2. SAFETY INFORMATION

Always wear appropriate personal protective equipment (PPE) including eye protection, hearing protection, gloves, and sturdy footwear when operating the trimmer. Keep bystanders, especially children and pets, at a safe distance. Do not operate the trimmer in wet conditions or near flammable liquids or gases. Ensure the work area is clear of debris that could be thrown by the cutting head.

3. SETUP AND ASSEMBLY

Your PowerSmart PS4532 trimmer comes with several components that require assembly before first use. Refer to the following instructions and visual aids for proper setup.

3.1 Unboxing and Component Overview

Carefully unpack all components and ensure all parts are present according to the packing list in your manual. The main components include the engine unit, shaft, handle, shield, and various cutting attachments.



Figure 1: All components of the PowerSmart PS4532 Gas String Trimmer laid out on grass.



Figure 2: Close-up view of the powerful 25.4cc 2-Cycle engine unit.

3.2 General Assembly

For a comprehensive guide on assembling your trimmer, including attaching the shaft, handle, and shield, please watch the official installation video:

Video 1: PowerSmart Gas String Trimmer Guide - Installation. This video demonstrates the step-by-step process of assembling the trimmer components.

3.3 Attaching the Shoulder Strap

The shoulder strap is designed to distribute the weight of the trimmer, enhancing comfort and reducing fatigue during operation. Attach the strap to the designated points on the trimmer shaft as shown in the manual.



Figure 3: User demonstrating the comfortable use of the PowerSmart PS4532 with the adjustable shoulder strap.

3.4 Installing Cutting Attachments (Trimmer Line & Brush Cutter)

Your PS4532 comes with both a trimmer line head and a brush cutter blade for versatile use. Ensure the correct attachment is securely installed for the task at hand.



10" BRUSH CUTTER BLADE EASY HANDLE BUSHES

Figure 4: The PowerSmart PS4532 equipped with the 10-inch brush cutter blade, ideal for dense vegetation.

For detailed instructions on replacing the cutting blade, refer to the following video:

Video 2: PowerSmart Gas String Trimmer Guide - Replace Cutting Blade. This video provides instructions on how to safely replace the brush cutter blade.

For instructions on replacing the trimmer line, refer to the following video:

Video 3: PowerSmart Gas String Trimmer Guide - Replace Trimmer Line. This video guides you through the process of replacing the trimmer line in the cutting head.

4. OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your PowerSmart PS4532 trimmer.

4.1 Fueling the Trimmer

The PS4532 uses a 2-cycle engine. Always use a fresh mixture of gasoline and 2-cycle engine oil in the correct ratio as specified in your manual. Never use straight gasoline or automotive oil.

Video 4: PowerSmart Gas String Trimmer Guide - Adding Fuel and Oil. This video demonstrates the correct procedure for mixing and adding fuel and oil to the trimmer.

4.2 Starting the Engine

The PS4532 features a quick-start mechanism. Follow the steps below to start the engine:

1. Ensure the trimmer is on a flat, stable surface.
2. Set the choke to the 'Start' position.
3. Press the primer bulb several times until fuel is visible.
4. Pull the starter cord firmly and smoothly until the engine attempts to start.
5. Once the engine 'pops' or briefly starts, move the choke to the 'Run' position.
6. Pull the starter cord again until the engine starts and runs smoothly.

Video 5: PowerSmart Gas String Trimmer Guide - Quick Start. This video illustrates the quick start procedure for the trimmer.



Figure 5: Demonstrating the pull-start mechanism for quick engine ignition.

4.3 Trimming and Edging

Hold the trimmer firmly with both hands, using the shoulder strap for support. Maintain a comfortable stance and sweep the cutting head across the area to be trimmed. For edging, position the trimmer head vertically along the edge of sidewalks or driveways.



Figure 6: Visual representation of the trimmer's capabilities in trimming, brush cutting, and edging modes.

Video 6: PS4532 String Trimmer in action. This short video showcases the trimmer's performance during typical use.

4.4 Stopping the Engine

To stop the engine, release the throttle trigger and press the engine stop switch to the 'Stop' position. Allow the engine to cool down before storing.



Figure 7: Close-up of the quick shut-off design on the trimmer's handle for safe and efficient stopping.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your trimmer. Always disconnect the spark plug wire before performing any maintenance.

5.1 Replacing Trimmer Line and Blade

Refer to the videos in Section 3.4 for detailed instructions on replacing the trimmer line and brush cutter blade.

5.2 Air Filter and Spark Plug

Regularly inspect and clean the air filter. Replace it if it is excessively dirty or damaged. Check the spark plug for wear and proper gap, replacing it as needed.

5.3 Storage

When storing the trimmer for an extended period, drain the fuel tank and carburetor. Clean the trimmer thoroughly and store it in a dry, well-ventilated area, out of reach of children.

6. TROUBLESHOOTING

If you encounter issues with your PowerSmart PS4532, consult the troubleshooting section in the full manual for common problems and solutions. Ensure proper fuel mixture, clean air filter, and correctly gapped spark plug are often key to resolving starting or running issues.

7. SPECIFICATIONS

Feature	Specification
Brand	PowerSmart
Model Number	PS4532
Power Source	Gas Powered
Engine Type	2-Cycle, 25.4cc
Item Weight	18.7 Pounds
Cutting Width (Trimmer)	16 Inches
Cutting Width (Brush Cutter)	10 Inches
Item Dimensions (L x W)	73"L x 16"W
Required Assembly	Yes

8. WARRANTY AND SUPPORT

PowerSmart, founded by Amerisun Inc. and headquartered in Itasca, Illinois, specializes in small engine equipment. We are committed to providing reliable products and dependable service through integrated design, manufacture, direct-sale, and service.

For any issues, repairs, or replacement parts, PowerSmart has over 500 certified repair centers in the U.S. and provides full replacement parts through its IL headquarters. Please contact us directly for assistance.