

Stihl Fs 56rc Weedeater Parts List

Stihl Fs 56rc Weedeater Parts List

Downloaded from db.whlcarchitecture.com by Chapman & Kenyon

UNDERSTANDING YOUR STIHL FS 56RC: A COMPLETE GUIDE TO THE WEEDEATER PARTS LIST

If you own a Stihl FS 56RC, you already know it is one of the most reliable and popular trimmers on the market. It offers a great balance of power, weight, and versatility, making it a favorite for both homeowners and semi-professional landscapers. However, like any piece of outdoor power equipment, regular use means that certain components will eventually wear down. Whether you are performing routine maintenance or troubleshooting a specific issue, having a clear understanding of the **Stihl FS 56RC weedeater parts list** is essential. Knowing what each part does and how it fits into the bigger system allows you to order the correct replacement, complete repairs efficiently, and keep your trimmer running at peak performance for years.

In this detailed guide, we will break down the entire trimmer by its major assemblies. We will explore the engine components, the cutting head system, the shaft and drive train, the handle and control group, and the all-important fuel and ignition systems. By the end, you will have a thorough working knowledge of your FS 56RC and how to find the exact parts you need.

ENGINE ASSEMBLY AND FUEL SYSTEM COMPONENTS

The heart of the FS 56RC is its 27.2 cc two-stroke engine. This engine is designed to be lightweight yet powerful, and it relies on several critical components to function smoothly. When consulting a **Stihl FS 56RC weedeater parts list**, you will often see the engine assembly broken into several sub-categories.

Cylinder, Piston, and Crankcase

The cylinder and piston assembly is the main chamber where combustion occurs. Over time, the piston rings can wear out, leading to a loss of compression. The crankcase houses the crankshaft and connecting rod. If you ever experience a loss of power or difficulty starting, these are the components to inspect. The cylinder is often coated with a special material for durability, so using the correct replacement is vital. A key item in any **Stihl FS 56RC weedeater parts list** is the gasket set for the crankcase, as these small parts are often overlooked but critical for maintaining proper seal and compression.

Carburetor and Fuel Lines

The FS 56RC uses a specially tuned diaphragm carburetor that is designed to operate in any position. The carburetor is a common source of issues, especially if the trimmer has been sitting unused for a long period. The **Stihl FS 56RC parts list** includes several items for the carburetor system:

- **Carburetor (complete unit):** Sometimes it is easier to replace the entire carburetor than to rebuild it.
- **Carburetor repair kit:** This includes gaskets, diaphragms, and small o-rings for a rebuild.
- **Fuel line:** Stihl uses a specific size of fuel line with an internal diameter of approximately 3 mm for the suction line and 2 mm for the return line.
- **Fuel filter:** A small felt filter that sits inside the fuel tank. It should be replaced annually to prevent debris from clogging the carburetor.
- **Air filter:** The FS 56RC uses a high-quality flocked air filter. A dirty air filter is one of the most common reasons for poor engine performance.

Ignition System

The ignition system on the FS 56RC is a solid-state electronic module. It requires very little maintenance, but components can fail. The primary parts in this section of the **Stihl FS 56RC weedeater parts list** include:

- **Spark plug:** The recommended plug is a NGK BPMR7A or equivalent. A fouled or worn spark plug will cause hard starting and misfiring.
- **Ignition module:** This generates the high voltage needed for the spark. If you have spark but it is weak, the module may need replacement.
- **Flywheel:** The flywheel has magnets that pass by the ignition module to trigger the spark. The flywheel key can shear if the engine is abruptly stopped, throwing off the ignition timing.
- **Kill switch wire:** A simple wire that grounds the ignition to stop the engine.

CUTTING HEAD AND ATTACHMENT SYSTEM

One of the standout features of the FS 56RC is its ability to accept multiple cutting tools. The standard configuration comes with a TapAction trimmer head, but you can also install brush knives or a grass blade. This section of the **Stihl FS 56RC weedeater parts list** deals with everything

that spins and does the actual cutting.

Trimmer Head Assembly

The standard trimmer head is the Stihl AutoCut C 25-2. It is a dual-line bump-feed head that automatically releases line when you tap it on the ground. The parts for this head are commonly replaced and include:

- **Trimmer head housing:** The outer shell that holds the line spool.
- **Line spool:** The inner spool that holds the trimmer line. You can purchase pre-wound spools or wind your own.
- **Spring:** The coil spring inside the head that provides tension for the line release mechanism.
- **Bump knob:** The knob you tap on the ground to release more line.
- **Cutting blades (line limiters):** Small metal blades that trim the line to the correct length.
- **Trimmer line:** The FS 56RC typically uses 2.4 mm (0.095 inch) diameter line.

Gear Head and Drive Shaft

The power from the engine is transferred to the cutting head through a flexible drive shaft and then into a bevel gear gearbox. These components are subject to significant stress and require proper lubrication. Key parts in this area of the **Stihl FS 56RC weedeater parts list** include:

- **Gear head housing:** The sealed aluminum housing that contains the gears.
- **Pinion gear and bevel gear:** The two gears that change the rotation direction by 90 degrees.
- **Bearings and needle bearings:** The gear head contains several small bearings that can wear out.
- **Drive shaft (flexible cable):** A long, flexible shaft that runs inside the trimmer shaft. It has a square end at the engine side and a splined end at the gearbox side.
- **Drive shaft tube:** The outer aluminum tube that houses the flexible shaft.
- **Grease:** Stihl recommends using their special Super Lubricant grease for the gear head. Regular greasing is essential for longevity.

HANDLE, SHAFT, AND CONTROL COMPONENTS

The ergonomics of the FS 56RC are designed to reduce fatigue during long trimming sessions. The control system includes the handlebar, throttle trigger, and stop switch. This section of the **Stihl FS 56RC weedeater parts list** covers the structural and control components.

Handlebar and Clamp Assembly

The FS 56RC features a lightweight, collapsible handlebar that is comfortable and adjustable. Parts include:

- **Handlebar:** The curved tube that you grip.
- **Handlebar clamp:** The plastic clamp that secures the handlebar to the shaft.
- **Rubber grip:** The foam or rubber grip on the handlebar. Over time, these can dry rot and become sticky.
- **Throttle trigger:** The trigger that controls engine speed. It is connected to the carburetor via a cable.
- **Throttle cable:** A flexible cable that connects the trigger to the carburetor.
- **Stop switch:** The rocker switch that kills the ignition. The switch itself is simple, but the wires can become damaged.

Harness and Straps

While not technically a part of the trimmer itself, the harness system is an important accessory that is often listed in parts catalogs. The FS 56RC uses a single-shoulder harness with a quick-release buckle. The harness reduces weight and strain during extended use. Replacement harnesses and shoulder pads are readily available.

STARTING SYSTEM AND REWIND ASSEMBLY

The FS 56RC uses a manual recoil starter. This is one of the most common areas where wear occurs, especially if the engine is hard to start and the operator pulls the cord aggressively. The **Stihl FS 56RC weedeater parts list** for the starter includes:

- **Starter housing:** The black plastic cover that holds the mechanism. It can crack if dropped.
- **Rewind spring:** The flat coil spring that retracts the starter cord. This spring can break or lose tension over time.
- **Starter pawls:** Small plastic or metal fingers that engage with the flywheel to spin the engine.
- **Starter pulley:** The spool that the starter cord wraps around.
- **Starter cord:** A durable nylon cord. It is typically 4 mm in diameter. Over time, it can fray or break near the handle.
- **Starter handle:** The plastic grip at the end of the cord. It can snap or crack.

If your trimmer is becoming difficult to start, inspect the starter assembly. A broken rewind spring or frayed cord is easy to replace and can restore easy starting.

WHERE TO FIND YOUR STIHL FS 56RC WEEDEATER PARTS LIST

Having a reliable source for your **Stihl FS 56RC weedeater parts list** is essential. There are several ways to access this information:

- **Owner's Manual:** The original manual that came with your trimmer contains an exploded parts diagram and a list of part numbers. If you have lost your manual, you can usually download a PDF from the official Stihl website.
- **Official Stihl Parts Lookup:** Stihl provides an online parts lookup tool on their website. By entering the model number and serial number of your FS 56RC, you can view the exact parts diagram for your specific unit.
- **Authorized Stihl Dealers:** The most reliable way to get the correct part is to visit an

authorized Stihl dealer. They have access to the official parts database and can order genuine Stihl parts for you.

- **Online Parts Retailers:** Several reputable online retailers specialize in outdoor power equipment parts. They often provide an interactive parts diagram where you can click on a part to see its number and price. Look for sites that explicitly state they sell genuine OEM parts.

When looking up parts, always use your complete model number: the FS 56RC may have different versions (e.g., FS 56RC-E or FS 56RC-M), and some parts vary between them. The serial number is also helpful for identifying the production year and any engineering changes.

MAINTENANCE TIPS TO EXTEND THE LIFE OF YOUR FS 56RC