**Champion 759-3336**

# Champion Spark Plugs 759-3336 Instruction Manual

For Cub Cadet and MTD Outdoor Power Equipment

## Introduction

This manual provides essential information for the proper installation, maintenance, and troubleshooting of your Champion 759-3336 spark plugs. These genuine OEM replacement parts are designed for various Cub Cadet and MTD outdoor power equipment. Always consult your equipment's owner's manual for specific instructions and safety precautions.

## Product Features

- Genuine Champion replacement part.
- Genuine MTD Replacement Part.
- Designed for proper fit and function in compatible equipment.
- Copper core material for reliable performance.

## Setup and Installation

Proper installation is crucial for optimal engine performance and longevity. Always ensure the engine is cool and disconnected from any power source before beginning work.

### Safety Precautions:

- Ensure the engine is turned off and cool.
- Disconnect the spark plug wire to prevent accidental starting.
- Wear appropriate safety gear, such as gloves and eye protection.

### Installation Steps:

1. **Locate and Remove Old Spark Plug:** Carefully pull the spark plug wire boot from the old spark plug. Use a spark plug wrench to loosen and remove the old spark plug.
2. **Inspect New Spark Plug:** Before installation, visually inspect the new Champion 759-3336 spark plug for any damage.

3. **Check Spark Plug Gap:** Although spark plugs are often pre-gapped, it is recommended to verify the gap using a feeler gauge or spark plug gapping tool. Refer to your equipment's owner's manual for the correct gap specification. Adjust if necessary by carefully bending the ground electrode.
4. **Install New Spark Plug:** Thread the new spark plug into the engine by hand to avoid cross-threading. Once finger-tight, use a spark plug wrench to tighten it. Do not overtighten, as this can damage the engine head. Consult your equipment manual for specific torque specifications.
5. **Reconnect Spark Plug Wire:** Firmly push the spark plug wire boot back onto the new spark plug until it clicks into place.

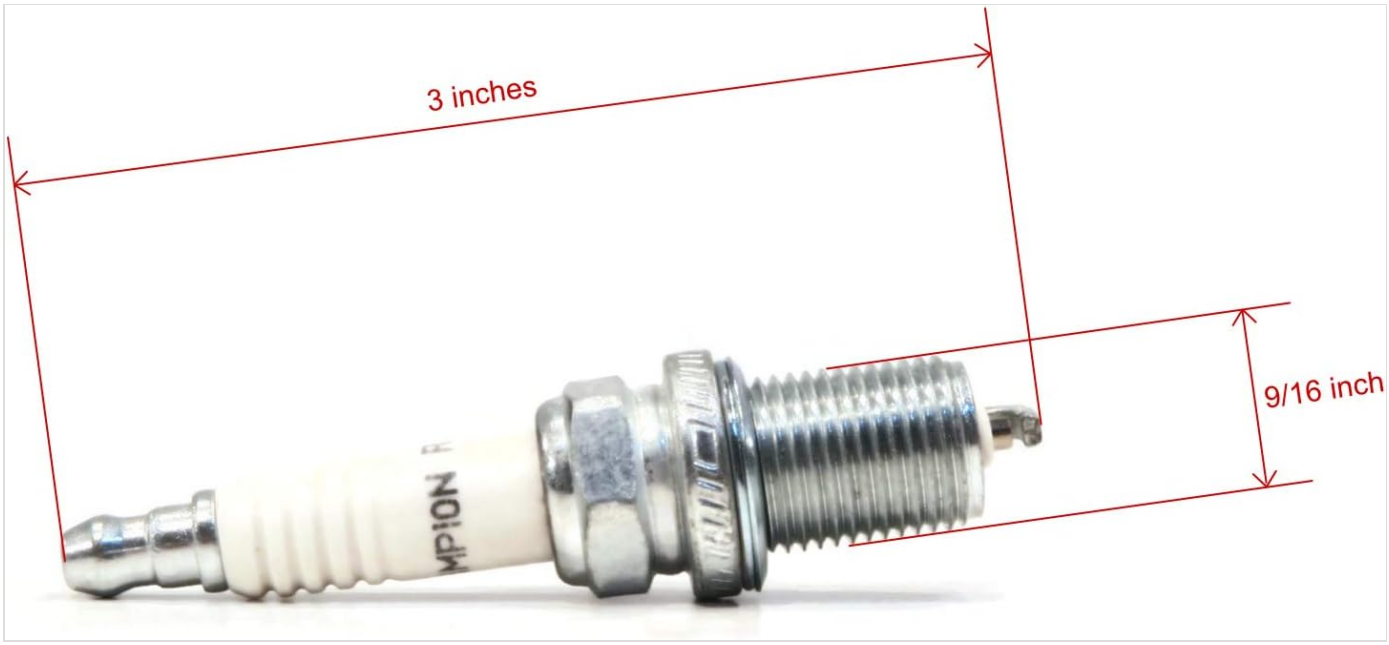



Image: Side view of the Champion spark plug, showing approximate dimensions. The total length is approximately 3 inches, and the threaded portion is approximately 9/16 inch.




Image: Top view of the Champion spark plug, indicating an approximate diameter of 3/4 inch across the hex portion.

## Operating Principles

Spark plugs are vital components in internal combustion engines, responsible for igniting the air-fuel mixture in the engine's cylinders. A properly functioning spark plug ensures efficient combustion, leading to smooth engine operation, optimal fuel economy, and reduced emissions. The Champion 759-3336 spark plug is designed to deliver a consistent spark for reliable engine starting and performance in compatible equipment.

## Maintenance

Regular inspection and timely replacement of spark plugs are essential for maintaining engine health and performance.

### Inspection:

- Periodically remove spark plugs to check for signs of wear, fouling (carbon buildup, oil, or fuel deposits), or damage to the electrodes.
- A light tan or grayish-white deposit on the insulator tip indicates normal operation.
- Black, oily, or sooty deposits may indicate engine issues requiring further diagnosis.

### Replacement:

Refer to your equipment's owner's manual for recommended spark plug replacement intervals. Typically, spark plugs in outdoor power equipment should be replaced annually or every 100-200 operating hours, whichever comes first, to ensure peak performance.



Image: A close-up view of the spark plug's electrode and threaded section, showing the quality of the component.

## Troubleshooting Common Issues

If your engine experiences performance issues, the spark plugs can often be a contributing factor. Here are some common problems and potential solutions:

| Symptom | Possible Cause | Solution |
|---|---|---|
| Engine misfires or runs rough | Incorrect spark plug gap, fouled spark plug, worn spark plug. | Check and adjust gap, clean or replace spark plug. |
| Hard starting | Worn or fouled spark plug, incorrect gap. | Inspect and replace spark plug if necessary, verify gap. |
| Reduced power or fuel efficiency | Worn or improperly gapped spark plug. | Replace spark plug, ensure correct gap. |
| Engine stalls frequently | Fouled or damaged spark plug. | Inspect and replace spark plug. |

If troubleshooting these issues does not resolve the problem, consult a qualified service technician or your equipment's owner's manual for further diagnosis.

## Specifications

| Attribute | Detail |
|---|---|
| Brand | Champion |
| Manufacturer Part Number | 759-3336-2PK |
| OEM Equivalent Part Number | 2829, 71, 71F, 71G, RC12YC |
| Core Material | Copper |
| Thread Size | 14mmx1.25mm |
| Vehicle Service Type | Lawn Mower |

| Attribute | Detail |
| --- | --- |
| Unit Count | 2.0 Count |
| Item Weight | 0.2 Pounds |

## Compatibility

These Champion 759-3336 spark plugs are compatible with a wide range of MTD, Cub Cadet, Yard Machines, Troy-Bilt, and Bolens equipment. Always cross-reference with your equipment's owner's manual for the exact part number required.

### Compatible Models Include:

- **MTD:** 13AA625P004, 13AJ795G004, 13AL795H004, 13AA625P004, 13AJ771G004, 13AJ771G204, 13AJ795G004, 13AJ795G204, 13AL771H004, 13AL795H004, 21AB452A004, 21A-392B004, 21AB452A004, 17AC2ACG004RZT-4217, 17AD2ACP004RZT-5017, 17AE2ACG00417, 17AF2ACP00417, 31AH5ZLH704, 31AH6ZLG704, 31AM63LF704, 14AA815K004, MMZ-2554, MMZ-2560, 1332, 1332G, 1332G, 1336, 1336G, 1336G, 214, 216, 2054F, 2260F, 31AM62KE704, 13AA625P304, 13AA625P372, 13AA625P401, 13AA625P720, 13AA625P730, 13AA625P301, 13AA625P709, 13AA625P371, 13AA625P307, 13AA625P513, 13AA625P713, 13AA625P382, 13AA625P000, 13AA625P121, 13AA625P205, 13AA625P705, 13AA625P706, 13AA625P026, 13AA625P726, 13AA625P054, 13AA625P745, 13AA625P754, 13AA625P704, 13AA625P029, 13AA625P229, 13AA625P134, 13AA625P138, 13AA625P729, 13AA625P929, 13AA625P129, 13AA625P151, 13AA625P206, 13AA625P308, 13AA625P033, 13AA625P019, 13AA625P057, 13AA625P118, 13AA625P131, 13AA625P022, 13AA625P722, 13AA625P002, 13AA625P715, 13AA625P077, 13AA625P977, 13AA625P777, 13AA625P724, 13AA625P105, 13AA625P009, 13AA625P016, 13AA625P145, 13AA625P196, 13AA625P719, 13AA625P098, 13AJ795G304, 13AJ795G372, 13AJ795G401, 13AJ795G720, 13AJ795G730, 13AJ795G301, 13AJ795G709, 13AJ795G371, 13AJ795G307, 13AJ795G513, 13AJ795G713, 13AJ795G382, 13AJ795G000, 13AJ795G121, 13AJ795G205, 13AJ795G705, 13AJ795G706, 13AJ795G026, 13AJ795G726, 13AJ795G054, 13AJ795G745, 13AJ795G754, 13AJ795G704, 13AJ795G029, 13AJ795G229, 13AJ795G134, 13AJ795G138
- **Yard Machines:** 13AL771H029
- **Troy-Bilt:** 12AI869F011, 12AI869G211, 12AI86K1066, 12AI86K2266, 12AI839F011, 12AI839G211, 12AI83K1066, 12AI83K2266, 21C-644A211, 21C-644A266, 21C-644D211, 21C-644D266, 21C-654A266, 21C-654D211, 24A-672G011, 24A-672G066, 24AD597D711LS33T, 24AD597D766LS33T
- **Bolens:** 13AM762F065, 13AM762F765

## Warranty Information

These Champion spark plugs come with a**1 Year Manufacturer Warranty**. For specific details regarding warranty coverage, terms, and conditions, please refer to the official Champion product documentation or contact Champion customer support.

## Support and Contact

For further assistance, technical support, or inquiries regarding your Champion 759-3336 spark plugs, please:

- Consult your equipment's owner's manual for specific maintenance schedules and part requirements.
- Visit the official Champion website for product information and support resources.
- Contact Champion customer service directly.

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**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

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