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› Scag 46335 CAM Assembly, Speed Control Instruction Manual

Scag 46335

Scag 46335 CAM Assembly, Speed Control Instruction Manual

Model: 46335

INTRODUCTION

This instruction manual provides essential information for the proper installation, operation, and maintenance of the Scag 46335 CAM Assembly, Speed Control. This component is designed for specific Scag equipment to regulate speed control mechanisms. Please read this manual thoroughly before attempting any installation or service to ensure safe and efficient use.

SAFETY INFORMATION

Always prioritize safety when working with machinery and replacement parts. Failure to follow safety instructions can result in serious injury or equipment damage.

- **Read all instructions:** Before installation or maintenance, read and understand all instructions in this manual and your equipment's main operating manual.
- **Wear appropriate personal protective equipment (PPE):** This includes safety glasses, gloves, and appropriate footwear.
- **Disconnect power:** Always ensure the equipment is turned off, the engine is cool, and spark plug wires are disconnected (if applicable) before performing any service.
- **Use correct tools:** Use only the tools specified or recommended for the task.
- **Secure the equipment:** Ensure the equipment is stable and cannot move unexpectedly during service.
- **Keep children and bystanders away:** Maintain a safe distance from the work area.
- **Dispose of parts properly:** Follow local regulations for disposing of old parts and materials.

PACKAGE CONTENTS

Verify that all components are present and undamaged upon opening the package.

- 1 x Scag 46335 CAM Assembly, Speed Control
- (Additional fasteners or small components may be included depending on the specific kit. Refer to your

equipment's parts diagram for a complete list.)



Image of the Scag 46335 CAM Assembly, Speed Control, showing its components and overall structure.

SETUP AND INSTALLATION

This section outlines the general procedure for installing the CAM Assembly. Specific steps may vary based on your Scag equipment model. Always consult your equipment's service manual for detailed, model-specific instructions and diagrams.

1. Preparation:

- Ensure the equipment is powered off, cooled down, and secured.
- Gather all necessary tools (e.g., wrenches, sockets, screwdrivers).
- Locate the existing speed control CAM assembly on your equipment.

2. Removal of Old Assembly:

- Carefully disconnect any linkages, springs, or fasteners attached to the old CAM assembly. Note their positions for reassembly.
- Remove the old CAM assembly from its mounting point.

3. Installation of New Assembly:

- Position the new Scag 46335 CAM Assembly in the correct orientation.
- Secure the assembly using the appropriate fasteners. Do not overtighten.
- Reconnect all linkages and springs, ensuring they are properly seated and move freely.

4. Verification:

- Manually check the movement of the speed control mechanism to ensure the new CAM assembly operates smoothly and without binding.
- Ensure all fasteners are tightened to the manufacturer's specifications (refer to your equipment manual).

OPERATING PRINCIPLES

The Scag 46335 CAM Assembly is a critical component in the speed control system of your equipment. It works by translating the input from the speed control lever or pedal into a specific mechanical action that adjusts the engine's throttle or hydrostatic transmission, thereby controlling the equipment's ground speed.

- **Function:** The CAM's profile dictates the precise movement of associated linkages, ensuring smooth and accurate speed adjustments.
- **Adjustment:** Proper installation ensures the CAM operates within its intended range, providing the full spectrum of speed control.

MAINTENANCE

Regular inspection and maintenance of the CAM assembly will prolong its lifespan and ensure consistent performance of your equipment's speed control.

- **Visual Inspection (Monthly/Before Use):**
 - Check for any signs of wear, cracks, or damage to the CAM and its associated linkages.
 - Ensure all fasteners are tight and secure.
 - Look for excessive play or looseness in the assembly.
- **Cleaning:**
 - Keep the CAM assembly free from dirt, debris, and grass clippings. Use a brush or compressed air for cleaning.
- **Lubrication (Annually or as needed):**
 - Apply a light coat of appropriate grease or lubricant to pivot points and contact surfaces as recommended in your equipment's service manual. Avoid over-lubrication.
- **Replacement:**
 - If significant wear, damage, or excessive play is observed, replace the CAM assembly promptly to prevent further damage to the speed control system.

TROUBLESHOOTING

This section addresses common issues related to the speed control CAM assembly. For more complex problems, consult a qualified service technician or your equipment's service manual.

Problem	Possible Cause	Solution
Speed control feels stiff or sticky.	Lack of lubrication, dirt/debris, bent linkage.	Clean and lubricate pivot points. Inspect linkages for damage and replace if necessary.
Excessive play in speed control lever.	Worn CAM, loose fasteners, worn linkages.	Inspect CAM for wear. Tighten all fasteners. Replace worn linkages or the CAM assembly if necessary.
Inaccurate speed response.	Incorrect installation, worn CAM profile, misadjusted linkages.	Verify correct installation. Check CAM for wear. Adjust linkages according to equipment service manual.

SPECIFICATIONS

- **Part Number:** 46335
- **Description:** CAM Assembly, Speed Control
- **Manufacturer:** Scag
- **ASIN:** B00O3HS6HU
- **Approximate Package Dimensions:** 11 x 9 x 1 inches

WARRANTY AND SUPPORT

For warranty information regarding the Scag 46335 CAM Assembly, Speed Control, please refer to the official Scag manufacturer's warranty policy or contact your authorized Scag dealer. Specific warranty terms may vary.

For technical support or further assistance, please contact Scag customer service or an authorized Scag service center. Always provide your equipment's model and serial number, along with the part number (46335) when seeking support.

Official Scag Website: www.scag.com

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