

KOHLER 24 126 146-S

Kohler 24-126-146-S Air Bracket Instruction Manual

Genuine Original Equipment Manufacturer (OEM) Part

1. PRODUCT OVERVIEW

The Kohler 24-126-146-S Air Bracket is a genuine Original Equipment Manufacturer (OEM) replacement part designed for use in various Kohler engine applications, primarily associated with lawn mower air filter assemblies. This bracket plays a crucial role in securing the air filter components, ensuring proper air filtration and engine performance. Using genuine OEM parts helps maintain the integrity and longevity of your equipment.



Figure 1: Kohler 24-126-146-S Air Bracket. This image shows the genuine Kohler air bracket, a critical component for securing air filter assemblies in compatible engines.

2. INSTALLATION (SETUP)

Proper installation of the air bracket is essential for the correct functioning of the air filtration system. Always ensure the engine is off and cooled before beginning any maintenance or installation procedures. Refer to your specific engine's service manual for detailed instructions and safety precautions.

2.1 Safety Precautions

- Always wear appropriate personal protective equipment (PPE), such as gloves and eye protection.
- Ensure the engine is completely shut down and the spark plug wire is disconnected to prevent accidental starting.
- Allow the engine to cool down before handling any components.

2.2 Installation Steps

1. **Locate the Air Filter Assembly:** Identify the air filter housing on your Kohler engine.
2. **Remove Existing Components:** Carefully remove any covers, fasteners, or old, damaged brackets that secure the air filter. Note the orientation of all components during removal.

3. **Clean the Area:** Before installing the new bracket, clean any dust, debris, or oil residue from the air filter housing and surrounding area.
4. **Position the New Bracket:** Place the Kohler 24-126-146-S Air Bracket in its correct position within the air filter assembly. Ensure it aligns with mounting points and other components.
5. **Secure the Bracket:** Use the appropriate fasteners (not included with the bracket unless specified by the engine manual) to secure the bracket firmly. Do not overtighten.
6. **Reassemble Air Filter:** Reinstall the air filter element and any other components of the air filter assembly, ensuring they are properly seated and secured.
7. **Test:** After reassembly, start the engine and check for any unusual noises or air leaks around the air filter housing.

3. FUNCTION AND OPERATION

The Kohler 24-126-146-S Air Bracket does not have an "operating" function in the traditional sense, as it is a static component. Its primary role is to provide structural support and proper alignment for the air filter and its housing. By securely holding these components in place, the bracket ensures that the air filter can effectively clean incoming air before it reaches the engine's carburetor or fuel injection system. A properly functioning bracket prevents air leaks, which could allow unfiltered air and debris to enter the engine, leading to premature wear and damage.

4. MAINTENANCE

Regular inspection of the air bracket is recommended during routine air filter maintenance. While the bracket itself requires minimal maintenance, its condition directly impacts the air filter's effectiveness.

4.1 Inspection

- **Visual Check:** Inspect the bracket for any signs of cracks, bends, corrosion, or other physical damage.
- **Secureness:** Ensure the bracket is securely fastened and not loose. Loose components can lead to vibrations and potential air leaks.
- **Alignment:** Verify that the bracket properly aligns the air filter and housing components. Misalignment can compromise the seal of the air filter.

4.2 Cleaning

If the bracket accumulates dirt or debris, clean it with a soft cloth. Avoid using harsh chemicals that could damage the material. Ensure the bracket is dry before reassembly.

5. TROUBLESHOOTING

Issues related to the air bracket are typically mechanical and can often be identified through visual inspection.

Symptom	Possible Cause	Solution
Air filter housing loose or vibrating	Damaged or loose air bracket; incorrect installation.	Inspect bracket for damage. Tighten fasteners. Reinstall correctly. Replace if damaged.
Engine running rough or poor performance	Air leaks around filter due to faulty bracket or improper seal.	Check bracket for proper seating and damage. Ensure air filter is correctly installed and sealed.
Visible damage to bracket (cracks, bends)	Physical impact or material fatigue.	Replace the air bracket with a genuine Kohler OEM part.

6. SPECIFICATIONS

Attribute	Detail
Brand	KOHLER
Model Number	24 126 146-S
Part Type	Air Bracket (Genuine OEM Part)
Product Dimensions	5 x 5 x 5 inches
ASIN	B000P7PEE0
Date First Available	May 6, 2013

7. WARRANTY AND SUPPORT

As an Original Equipment Manufacturer (OEM) part, the Kohler 24-126-146-S Air Bracket is typically covered by the standard warranty policies of Kohler or the retailer from which it was purchased. Specific warranty terms, including duration and coverage details, may vary. It is recommended to retain your proof of purchase.

For technical support, warranty claims, or further assistance, please contact Kohler customer service or the authorized dealer where you acquired this part. You can often find contact information on the official Kohler website or through your product's main equipment manual.

Kohler Official Website: www.kohler.com

