

new holland 256 hay rake parts diagram

New Holland 256 hay rake parts diagram is an essential reference for farmers and equipment operators who rely on this machine for efficient hay production. The New Holland 256 hay rake is known for its durability and effectiveness in gathering hay, making it a popular choice among agricultural professionals. Understanding the parts and components of this rake is crucial for maintenance, repairs, and effective operation. In this article, we will explore the key parts of the New Holland 256 hay rake, how they work together, and the importance of having a parts diagram at your disposal.

Overview of the New Holland 256 Hay Rake

The New Holland 256 hay rake is a wheel rake designed to efficiently gather and fluff hay, which aids in the drying process before baling. It features a unique design that allows for greater flexibility in various field conditions. The rake can adjust its width and height to accommodate different types of terrain and crop conditions. With a total of 12 wheels, the New Holland 256 can cover a significant area in less time, improving productivity for farmers.

Key Components of the New Holland 256 Hay Rake

Understanding the essential components of the New Holland 256 hay rake is fundamental for anyone looking to operate or maintain the equipment. Below are the key parts that make up this hay rake:

1. Frame and Structure

The frame of the New Holland 256 hay rake provides the foundational support for all other components. It is designed to withstand the rigors of agricultural use, ensuring longevity and stability.

2. Raking Wheels

The raking wheels are the heart of the New Holland 256. They are equipped with tines that lift and fluff the hay. The rake features a total of 12 wheels, each independently mounted to ensure maximum ground contact and effective hay collection.

3. Tines

The tines attached to each wheel are critical for picking up the hay. They are designed to be durable and flexible, allowing them to gather hay without damaging it. Over time, these tines may wear out and require replacement.

4. Hitch Assembly

The hitch assembly connects the hay rake to the tractor. Its design ensures that the rake can be easily attached and detached while also providing a secure connection during operation.

5. Gearbox

The gearbox is responsible for transferring power from the tractor to the rake wheels. It allows the operator to control the speed and efficiency at which the hay is raked.

6. Drive Chains

Drive chains are crucial for the operation of the raking wheels. They transmit power from the gearbox to the wheels, ensuring that they rotate efficiently to gather hay.

7. Adjustment Mechanisms

Adjustment mechanisms allow the operator to modify the height and width of the rake's working position. This flexibility is important for adapting to different field conditions.

The Importance of a Parts Diagram

A parts diagram for the New Holland 256 hay rake provides a visual reference that simplifies the maintenance and repair process. Here are several reasons why having access to a parts diagram is essential:

- **Visual Aid:** A diagram allows operators to visualize the arrangement and relationship of various parts, making it easier to identify components when troubleshooting.
- **Parts Identification:** With a parts diagram, users can quickly identify specific parts that need maintenance or replacement, saving time and effort.
- **Service and Repair:** During repairs, the diagram serves as a guide, ensuring that parts are reassembled correctly and function properly.
- **Ordering Parts:** When ordering replacement parts, having a diagram helps ensure that the correct components are purchased, reducing the risk of errors.

How to Use the Parts Diagram

Using the New Holland 256 hay rake parts diagram effectively involves a few straightforward steps:

1. **Familiarize Yourself:** Take time to study the diagram and understand the layout of the components. This will help you navigate the parts more easily during maintenance.
2. **Identify Components:** As you perform maintenance or repairs, refer to the diagram to pinpoint the parts you need to work on. This is particularly helpful when dealing with complex assemblies.
3. **Document Changes:** If you replace parts or make adjustments, make a note of the changes. This documentation can be helpful for future maintenance and repairs.
4. **Consult the Manual:** In addition to the parts diagram, consult the New Holland 256 owner's manual for specific instructions on maintenance and operation.

Common Maintenance Tips for the New Holland 256 Hay Rake

To keep the New Holland 256 hay rake in optimal working condition, regular maintenance is essential. Here are some common maintenance tips:

1. Regular Inspection

Frequent inspections of the rake's components can help identify wear and tear before they become significant issues. Check the tines, wheels, and drive chains regularly.

2. Lubrication

Proper lubrication of moving parts is crucial to ensure smooth operation. Regularly lubricate the gearboxes, drive chains, and other pivot points according to the manufacturer's recommendations.

3. Replace Worn Parts

Monitor the condition of the tines and other components. Replace any worn or damaged parts immediately to prevent further damage and ensure efficient operation.

4. Clean After Use

After each use, clean the rake to remove debris and excess hay. This helps prevent rust and prolongs the life of the equipment.

Where to Find Replacement Parts

Finding replacement parts for the New Holland 256 hay rake can be done through various avenues:

- **Authorized New Holland Dealers:** These dealerships often have access to genuine parts and can provide guidance on installation.
- **Online Retailers:** Websites specializing in agricultural equipment often stock parts for the New Holland 256.
- **Local Agricultural Supply Stores:** Many local stores may carry commonly needed parts for the New Holland 256 hay rake.
- **Salvage Yards:** For older models, salvage yards may have used parts that are still in good condition.

Conclusion

Having a comprehensive understanding of the New Holland 256 hay rake parts diagram is invaluable for anyone involved in hay production. It not only assists in identifying and troubleshooting issues but also plays a crucial role in the maintenance and longevity of the equipment. By familiarizing yourself with the rake's components and implementing regular maintenance practices, you can enhance the efficiency and reliability of your hay collection operations. Always remember that proper care and timely repairs will lead to a more productive harvest season.

Frequently Asked Questions

What is a New Holland 256 hay rake used for?

The New Holland 256 hay rake is used for raking hay into windrows to facilitate drying and collection for baling.

Where can I find a parts diagram for the New Holland 256 hay

rake?

You can find a parts diagram for the New Holland 256 hay rake in the owner's manual, online on agricultural equipment websites, or by contacting a New Holland dealer.

What are common parts that may need replacement on the New Holland 256 hay rake?

Common parts that may need replacement include tines, wheels, bearings, and hydraulic components.

How do I interpret the parts diagram for the New Holland 256 hay rake?

To interpret the parts diagram, identify the labeled parts and their corresponding numbers, which usually reference a parts list for ordering replacements.

Is there a specific maintenance schedule for the New Holland 256 hay rake?

Yes, regular maintenance should include checking tines for wear, lubricating moving parts, and inspecting hydraulic systems, typically at the start of the season and after heavy use.

Can I download the New Holland 256 hay rake parts diagram online?

Yes, many agricultural equipment websites offer downloadable PDF versions of the New Holland 256 hay rake parts diagram.

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