



## Differential Axle Assembly Automotive Gearbox Planetary gear

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Dongfeng
- Certification: IATF 16949:2016
- Minimum Order Quantity: 100 piece
- Packaging Details: Wooden box packaging
- Delivery Time: Spot goods
- Payment Terms: T/T
- Supply Ability: Annual production of 50000 pieces



### Product Specification

- Warranty: 1 Year
- Ratio: 4.10
- Part Number: 41110-3D590
- Size: 8.5 Inches
- Compatibility: Direct Replacement
- Package Contents: 1 Differential Assembly, 1 Gasket, 10 Bolts
- Model: 4Runner
- Weight: 15 Lbs
- Country Of Origin: China
- Installation Instructions: Included
- Type: Limited Slip
- Fitment: Front
- Material: Steel
- Highlight: differential axle assembly, differential assy, differential assembly for sale

## Product Description

### Introduction to Automotive Transmission Differential Products

The differential of a car gearbox is an indispensable key component in modern automotive transmission systems. Its main function is to adjust the speed difference between the left and right wheels, ensuring that the car can drive smoothly and safely when turning or driving on uneven roads. The working principle of the differential is based on differential kinematics, which can automatically adapt to the speed difference between the inner and outer wheels during car driving, providing excellent handling and driving comfort.

#### Product features

**Efficient transmission:** The differential adopts advanced gear design to ensure efficient and stable power transmission.

Whether driving at high speeds or climbing at low speeds, it can provide a stable power output for the car.

**Strong adaptability:** The differential can adapt to various complex road conditions, such as mountain roads, bends, and uneven road surfaces. It can automatically adjust the speed difference between the left and right wheels according to the driving status of the vehicle, ensuring the stability and safety of the vehicle.

**Durable and reliable:** The differential is made of high-strength materials and precision machining technology, which has excellent wear resistance and impact resistance. It can operate stably for a long time in harsh working environments, providing long-lasting power support for cars.

**Easy to maintain:** The structural design of the differential is reasonable, making it easy to disassemble and repair. At the same time, it is also equipped with an intelligent fault diagnosis system, which can detect and prompt potential problems in a timely manner, reducing maintenance costs.

#### Technical advantages

**Advanced gear design:** The differential adopts advanced gear design, reducing friction and wear between teeth, improving transmission efficiency and service life.

**Intelligent Control System:** The differential is equipped with an intelligent control system that can monitor the vehicle's driving status in real time and automatically adjust the speed difference between the left and right wheels. This intelligent control enables the car to maintain optimal handling and stability in various road conditions.

**Optimized lubrication system:** The differential adopts an optimized lubrication system to ensure that the gears can receive sufficient lubrication and cooling during high-speed operation. This helps to reduce gear wear and failure rates, and improve the service life of the differential.

#### application area

The differential of automobile transmission is widely used in various passenger cars, commercial vehicles, and special vehicles. Whether it's urban driving or off-road exploration, the differential can provide stable and reliable power support for the car, ensuring driving safety.

#### conclusion

The differential of a car gearbox is an indispensable key component in modern automotive transmission systems. Its efficient transmission, strong adaptability, durability, reliability, and ease of maintenance enable the car to maintain optimal handling and stability in various road conditions. With the continuous development of automotive technology, differentials will continue to play an important role in providing higher quality power support for cars.



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