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› HYPER GO 16200 Front Swing Set Instruction Manual

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HYPER GO 16200 Front Swing Set Instruction Manual

Model: 16200 | Brand: HYPER GO

PRODUCT OVERVIEW

This manual provides essential information for the installation, operation, and maintenance of the HYPER GO 16200 Front Swing Set. This product is a spare part designed for 1:16 scale RC vehicles, specifically compatible with models such as H16GT, H16DR, H16BM, and H16PL. The front swing set, also known as suspension A-arms, is a critical component of your RC car's suspension system, enabling proper wheel movement and handling.



Image: The HYPER GO 16200 Front Swing Set, showing the pair of suspension A-arms and associated components.

PACKAGE CONTENTS

The HYPER GO 16200 Front Swing Set package includes the following components:

- 16230 (Front Lower Suspension Arm)
- 16220 (Front Upper Suspension Arm)
- 16210 (Front Steering Knuckle)
- Q1601 (Pivot Balls)
- R168Z (Bearings)
- M26124 (Screws/Fasteners)

SETUP AND INSTALLATION

Before beginning installation, ensure your RC vehicle is powered off and the battery is disconnected. It is recommended to work on a clean, well-lit surface to prevent loss of small parts.

Required Tools:

- Small Phillips head screwdriver
- Hex wrenches (sizes may vary depending on your RC model's fasteners)
- Needle-nose pliers (optional, for small parts handling)

Installation Steps:

1. **Disassembly:** Carefully remove the damaged or old front swing set components from your RC vehicle. Note the orientation and placement of all screws, pins, and other small parts. It can be helpful to take photos during disassembly.
2. **Bearing Installation:** If not pre-installed, gently press the R168Z bearings into the designated slots within the 16210 Front Steering Knuckle. Ensure they are seated flush.
3. **Pivot Ball Attachment:** Attach the Q1601 pivot balls to the ends of the 16230 Front Lower Suspension Arm and 16220 Front Upper Suspension Arm, as well as to the 16210 Front Steering Knuckle. These allow for smooth articulation.
4. **Assembly of A-Arms:** Connect the 16230 (lower) and 16220 (upper) suspension arms to the chassis of your RC vehicle using the appropriate pins or screws. Do not overtighten.
5. **Attach Steering Knuckle:** Secure the 16210 Front Steering Knuckle to the ends of the assembled upper and lower A-arms. Ensure all connections are firm but allow for free movement.
6. **Wheel Assembly:** Reattach the wheel axle and wheel to the newly installed front swing set.
7. **Final Check:** Before operating, manually check the movement of the suspension and steering to ensure there is no binding and all parts move freely. Confirm all screws and fasteners are securely tightened.

OPERATING CONSIDERATIONS

The front swing set is integral to the performance of your RC vehicle. Proper installation ensures optimal handling, shock absorption, and steering response. While these are replacement parts, their function is critical for the vehicle's intended operation.

- **Suspension Travel:** Ensure the suspension arms have full, unobstructed travel.
- **Steering Linkage:** Verify that the steering linkage connects smoothly to the new steering knuckle and does not bind.
- **Impact Resistance:** These parts are designed to withstand typical RC vehicle impacts, but extreme forces can

cause damage.

MAINTENANCE

Regular maintenance of your RC vehicle's suspension components will extend their lifespan and ensure consistent performance.

- **Inspection:** Periodically inspect the front swing set for cracks, bends, or signs of wear, especially after heavy use or impacts.
- **Cleaning:** Remove dirt, dust, and debris from the suspension components. A soft brush and compressed air can be effective. Avoid harsh chemicals that may degrade plastic.
- **Fastener Check:** Ensure all screws and pins holding the swing set components are tight. Vibrations during operation can sometimes loosen fasteners.
- **Bearing Check:** Check the bearings in the steering knuckle for smooth rotation. If they feel gritty or stiff, they may need cleaning or replacement.

TROUBLESHOOTING

If you encounter issues after installing the front swing set, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Excessive play in wheel/knuckle	Loose pivot balls, worn bearings, incorrect assembly.	Check pivot ball seating, inspect and replace bearings if necessary, re-verify assembly steps.
Stiff suspension movement	Overtightened screws, debris in joints, misaligned parts.	Loosen screws slightly (ensure still secure), clean joints, re-align components.
A-arm breakage	High-impact collision, material fatigue.	Replace the damaged A-arm. Consider driving conditions.
Steering issues (e.g., pulling to one side)	Uneven installation, bent steering linkage, damaged servo.	Ensure both sides of the front swing set are installed identically. Check steering linkage for bends.

SPECIFICATIONS

Attribute	Detail
Part Number	16200
Included Components	16230, 16220, 16210, Q1601, R168Z, M26124
Package Dimensions	4.45 x 3.78 x 3.03 inches
Item Weight	1.06 ounces
Country of Origin	China
Manufacturer	HYPER GO

WARRANTY AND SUPPORT

For specific warranty information regarding the HYPER GO 16200 Front Swing Set, please refer to the documentation provided with your original RC vehicle or contact the manufacturer directly. Support for this product is typically handled by the original seller or HYPER GO customer service.

You can visit the official HYPER GO store for more information and product inquiries:[HYPER GO Store](#)

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This manual is for informational purposes only. Specifications are subject to change without notice.