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## XYEIUGO GDS-992

# XYEIUGO Gobricks GDS-992 Technic Axle and Pin Connector Instruction Manual

Model: GDS-992

## 1. INTRODUCTION

This manual provides detailed instructions for the XYEIUGO Gobricks GDS-992 Technic Axle and Pin Connector. This component is designed to enhance the structural integrity and design possibilities of your building projects. It is compatible with major brick brands and is intended for advanced builders and adult collectors aged 16 and above.

## 2. PRODUCT OVERVIEW

The Gobricks GDS-992 is a Technic Axle and Pin Connector featuring a perpendicular double split design. This design allows for versatile connections, providing both stability and aesthetic integration into complex models.

- **Structural Support:** Offers robust structural support and detailed connection possibilities.
- **Consistent Color:** Ensures uniform color performance across different parts and models, maintaining a cohesive design.
- **Durable Material:** Constructed from durable plastic for creative reuse and long-term adaptability.
- **Quantity:** Each pack contains 50 pieces, expanding your collection for a wide range of projects.



*Image 1: The Gobricks GDS-992 Technic Axle and Pin Connector in Flat Silver. This image displays the component's design, highlighting its perpendicular double split feature for connecting axles and pins in building models.*

### 3. SETUP AND ASSEMBLY

The GDS-992 connector is designed for integration into Technic-style building systems. Its primary function is to connect axles and pins at a 90-degree angle, providing structural stability and allowing for complex mechanical designs.

1. **Identify Connection Points:** Locate the desired points in your model where a perpendicular connection between an axle and a pin is required.
2. **Insert Axle:** Gently push a Technic axle into one of the circular holes on the connector. Ensure a snug fit.
3. **Insert Pin:** Insert a Technic pin into one of the cross-shaped holes on the connector, perpendicular to the inserted axle.
4. **Secure Connection:** Verify that both the axle and pin are fully seated within the connector for a secure and stable joint.

This component is ideal for creating robust frameworks, gear systems, and other advanced mechanical structures in your MOCs (My Own Creations).

## 4. OPERATING PRINCIPLES

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The GDS-992 connector functions as a critical junction piece in Technic constructions. Its double split design allows for flexibility in connection, enabling builders to create intricate and stable structures. It is not a moving part itself but facilitates the movement and stability of other connected components.

- **Axle Integration:** The circular holes are designed to firmly hold Technic axles, preventing rotation and providing a fixed pivot point or structural beam.
- **Pin Integration:** The cross-shaped holes accommodate Technic pins, allowing for secure attachment of other elements or creating hinge points.
- **Perpendicular Connection:** The core function is to establish a strong, right-angle connection between an axle and a pin, crucial for many mechanical assemblies.

## 5. MAINTENANCE

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To ensure the longevity and optimal performance of your Gobricks GDS-992 connectors, follow these simple maintenance guidelines:

- **Cleaning:** If components become dusty or dirty, gently wipe them with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying. Avoid harsh chemicals or abrasive materials.
- **Storage:** Store connectors in a clean, dry place away from direct sunlight and extreme temperatures. Proper storage prevents discoloration and material degradation.
- **Handling:** Handle components with care to avoid stress or damage to the connection points.

## 6. TROUBLESHOOTING

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While these components are designed for reliability, you may encounter minor issues during assembly. Here are some common troubleshooting tips:

- **Loose Connection:** If a connection feels loose, ensure that both the axle and pin are fully inserted and that the component is not worn or damaged. Replace if necessary.
- **Difficulty Inserting:** If an axle or pin is difficult to insert, check for any debris in the holes. Do not force components, as this can cause damage. Ensure you are using compatible Technic axles and pins.
- **Missing Pieces:** If you find a shortage of pieces in your pack, please contact the seller or manufacturer for assistance.

## 7. SPECIFICATIONS

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<b>Brand Name</b>	XYEIUGO
<b>Model Name</b>	GDS-992
<b>Manufacturer Part Number</b>	GDS-992-073X50
<b>Color</b>	Flat Silver
<b>Number of Pieces</b>	50
<b>Item Weight</b>	1.28 ounces
<b>Material Type</b>	Plastic
<b>Toy Building Block Type</b>	Interlocking Toy Building Block
<b>Additional Features</b>	Perpendicular Double Split Structure
<b>Age Range Description</b>	Designed exclusively for professional brick enthusiasts and adult collectors aged 16+.
<b>Compatible with Lego Model Numbers</b>	41678, 69819, 4162857

## 8. WARRANTY AND SUPPORT

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This product is manufactured by XYEIUGO. For any questions regarding product quality, missing parts, or compatibility, please contact the seller directly through the platform where the purchase was made. Please retain your proof of purchase for any support inquiries.

As this is a building component, specific warranty details may vary. It is recommended to consult the seller's return and refund policy for further information.