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> [GJAUTOPARTS 722.6 1402701161 Transmission Conductor Plate User Manual](#)

GJAUTOPARTS 722.6 1402701161

Transmission Conductor Plate User Manual

Model: 722.6 1402701161 | Brand: GJAUTOPARTS

1. INTRODUCTION

This manual provides essential information regarding the GJAUTOPARTS 722.6 1402701161 Transmission Conductor Plate. This component is critical for the proper functioning of your vehicle's automatic transmission, acting as the electronic control unit that manages shift points and other transmission operations. Understanding its function and proper handling is vital for optimal performance and longevity.

2. PRODUCT OVERVIEW

The GJAUTOPARTS Transmission Conductor Plate is designed as a direct replacement for specific Mercedes-Benz models equipped with the 722.6 5-speed automatic transmission. It integrates the necessary sensors and solenoids to facilitate precise transmission control.

Key Features:

- OEM Part Number: 722.6, 1402700561, 1402700761, 1402700861, 1402701161
- Designed for Mercedes-Benz 722.6 5-Speed Automatic Transmissions.
- Ensures stable characteristics and high reliability for transmission operation.
- Direct replacement for damaged or missing original parts.

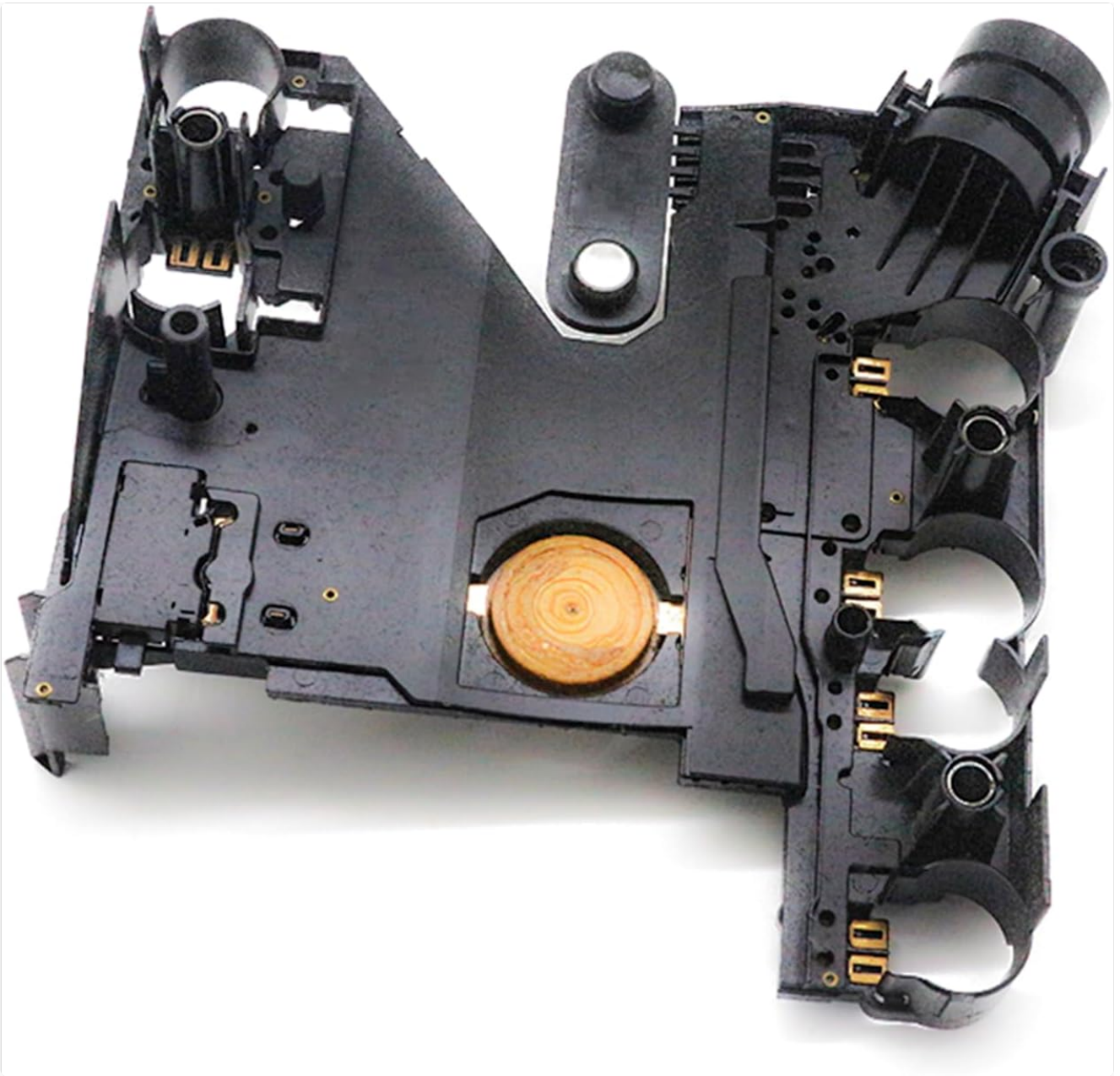


Figure 2.1: Top view of the Transmission Conductor Plate, showing the main electronic pathways and sensor points.

3. COMPATIBILITY

This transmission conductor plate is compatible with the following Mercedes-Benz models equipped with the 722.6 5-Speed Automatic Transmission. Please verify your vehicle's specific model and year against this list and cross-reference OEM part numbers before purchase.

- C230 1997-2005
- C240 2001-2005
- C280 1994-2007
- C32 AMG 2002-2004
- C320 2001-2005
- C350 2006-2007
- C36 AMG 1995-1997
- C43 AMG 1998-2000
- C55 AMG 2005-2006
- CL500 1998-2006

- CL55 AMG 2001-2006
- CL600 1998-2006
- CL65 AMG 2005-2006
- CLK320 1998-2005
- CLK430 1999-2003
- CLK500 2003-2006
- CLK55 AMG 2001-2006
- E300 1996-1999
- E320 1996-2006
- E350 2006-2007
- E420 1997
- E430 1998-2002
- E500 2003-2006
- E55 AMG 1999-2006
- G500 2002-2005
- G55 AMG 2003-2005
- ML320 1998-2002
- ML350 2003-2005
- ML430 1999-2001
- ML500 2002-2005
- ML55 AMG 2000-2003
- S320 1994-1999
- S350 2006
- S420 1994-1999
- S430 2000-2006
- S500 1994-2006
- S55 AMG 2001-2006
- S600 1994-2006
- S65 AMG 2006
- SL320 1994-1997
- SL500 1994-2007
- SL600 1994-2007
- SL65 AMG 2005-2007
- SLK230 1998-2004
- SLK32 AMG 2002-2004
- SLK320 2001-2004
- SLR McLaren 2005-2006
- Sprinter 2500 2010-2012

4. INSTALLATION

Warning: Installation of transmission components requires specialized knowledge and tools. It is highly recommended that this procedure be performed by a certified automotive technician to ensure proper function and prevent damage to the vehicle.

General Installation Steps (Professional Installation Recommended):

1. **Preparation:** Ensure the vehicle is safely lifted and secured. Drain the transmission fluid and remove the transmission oil pan.
2. **Access:** Carefully remove the transmission filter and any other components obstructing access to the conductor plate.
3. **Removal of Old Plate:** Disconnect electrical connectors and carefully unbolt the old conductor plate from the valve body. Note the orientation and position of all components.
4. **Inspection:** Inspect the valve body and surrounding areas for any debris or damage. Clean as necessary.
5. **Installation of New Plate:** Carefully align and install the new GJAUTOPARTS conductor plate onto the valve body. Ensure all electrical connections are secure and properly seated.
6. **Reassembly:** Reinstall the transmission filter, oil pan (with a new gasket), and refill with the correct type and amount of transmission fluid as specified by the vehicle manufacturer.
7. **Testing:** After installation, perform diagnostic checks and road test the vehicle to ensure proper transmission operation and no fluid leaks.



Figure 4.1: Side view illustrating the electrical connector pins, which must be properly connected during installation.

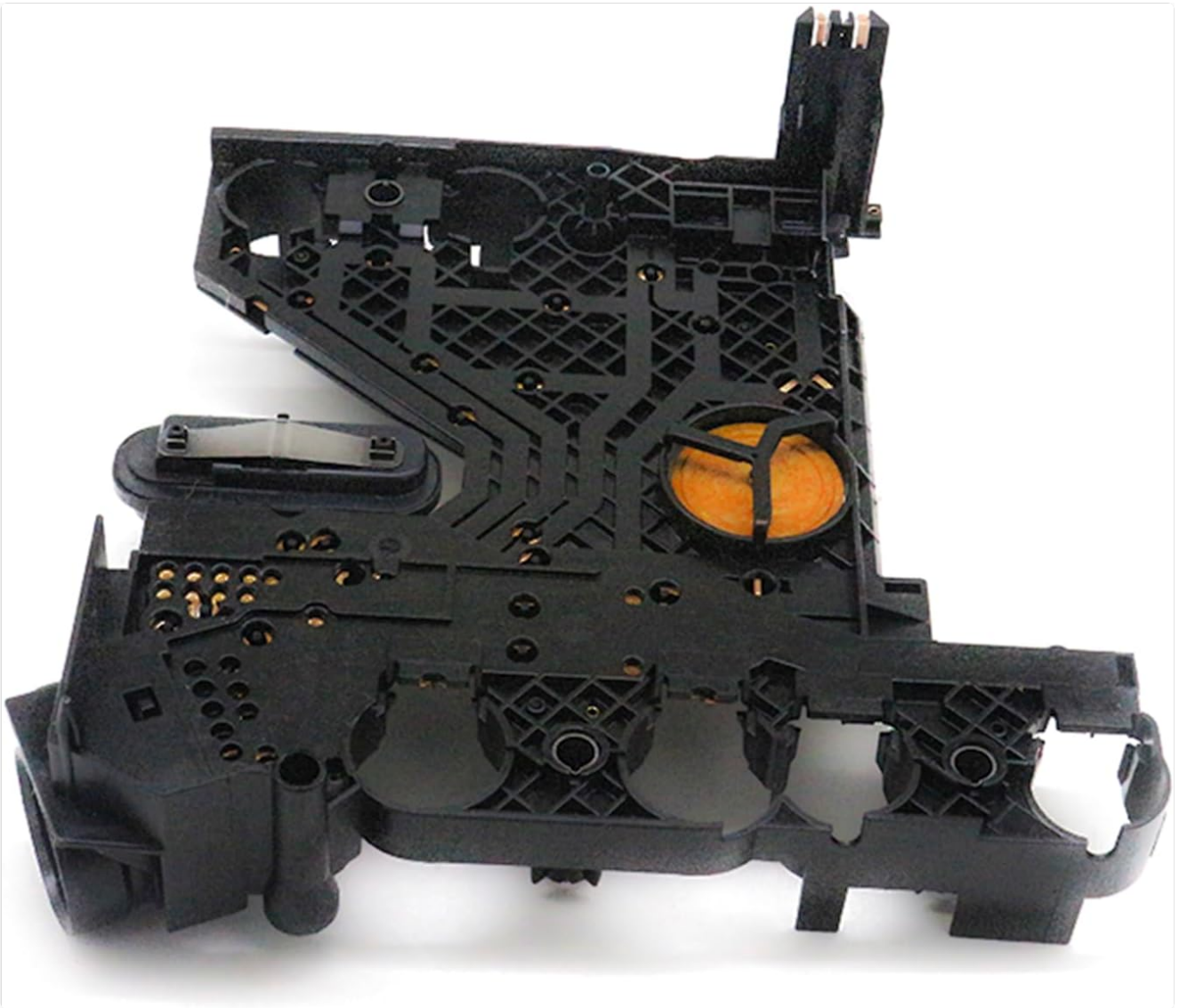


Figure 4.2: Angled view showing the various sensor and solenoid mounting points on the conductor plate.

5. MAINTENANCE

While the transmission conductor plate itself is not a routinely serviceable item, its longevity is directly tied to the overall health and maintenance of your vehicle's transmission. Adhering to the manufacturer's recommended transmission service schedule is crucial.

- **Transmission Fluid:** Regularly check and maintain the correct level and quality of transmission fluid. Contaminated or low fluid levels can lead to premature wear of transmission components, including the conductor plate.
- **Fluid and Filter Changes:** Follow your vehicle manufacturer's guidelines for transmission fluid and filter replacement intervals. A clean filter and fresh fluid help prevent debris from circulating and damaging sensitive electronic components.
- **Professional Inspections:** Have your transmission inspected by a qualified technician during routine vehicle maintenance to catch potential issues early.

6. TROUBLESHOOTING

A faulty transmission conductor plate can manifest in various ways. If you experience any of the following symptoms, it is advisable to have your vehicle diagnosed by a professional mechanic.

Common Symptoms of a Faulty Conductor Plate:

- **Transmission Slipping:** The transmission may slip out of gear or fail to engage properly.
- **Harsh Shifting:** Noticeably rough or delayed gear changes.
- **Limp Mode:** The vehicle may enter "limp home" mode, limiting speed and gear selection to prevent further damage.
- **Check Engine Light:** The check engine light or transmission warning light may illuminate on the dashboard, often accompanied by specific diagnostic trouble codes (DTCs) related to transmission solenoids or sensors.
- **No Reverse Gear:** In some cases, the transmission may lose the ability to engage reverse.

If you encounter these issues, consult a qualified technician for accurate diagnosis and repair. Attempting to diagnose or repair complex transmission issues without proper expertise can lead to further damage.

7. SPECIFICATIONS

Attribute	Detail
Manufacturer	GJAUTOPARTS
Brand	GJAUTOPARTS
Model Name	Transmission Conductor Plate
Item Model Number	722.6 Conductor Plate
Manufacturer Part Number	722.6 1402701161
OEM Part Numbers	722.6, 1402700561, 1402700761, 1402700861, 140 270 07 61, 1402701161, 140 270 11 61, 140 270 08 61, 140 270 05
Item Weight	1.83 pounds
Package Dimensions	12.32 x 10.31 x 6.77 inches
ASIN	B0B4JBTFMS
Date First Available	June 20, 2022

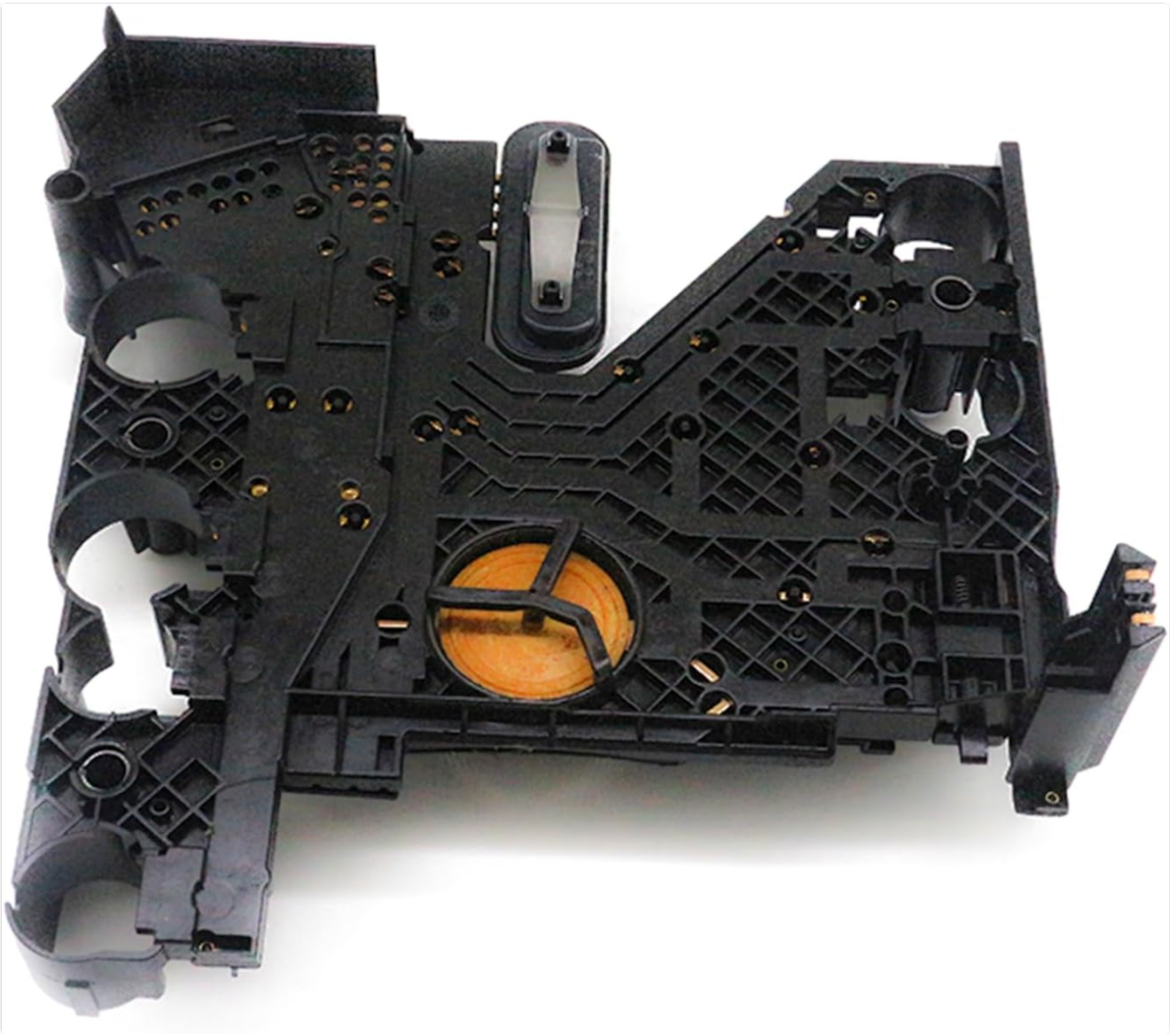


Figure 7.1: Bottom view of the conductor plate, revealing the intricate circuit board and various connection points.

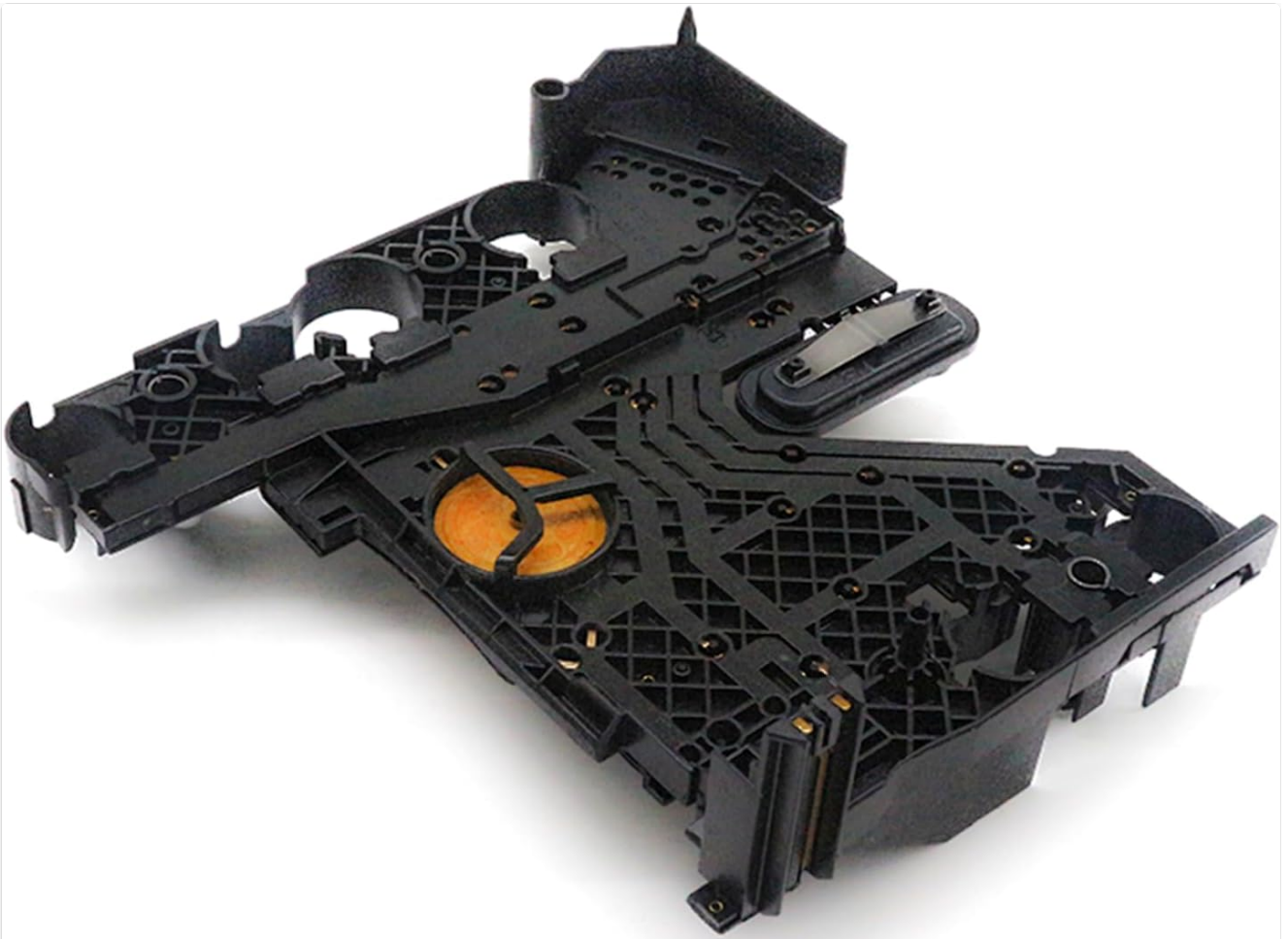


Figure 7.2: An alternative angled view providing a comprehensive look at the conductor plate's design.



Figure 7.3: Rear view of the conductor plate, highlighting the primary electrical connection port.

8. WARRANTY AND SUPPORT

GJAUTOPARTS is committed to providing high-quality products and customer satisfaction.

Warranty Information:

We offer a worry-free after-sales service policy. We make every effort to provide customers with satisfactory service.

Customer Support:

If you have any problems or questions regarding the product, please feel free to contact us by emails. Please refer to your purchase documentation for specific contact details or visit the GJAUTOPARTS store on Amazon.

It is important to check compatibility, part photos, part number, and part description with your vehicle's requirements before purchasing to prevent unnecessary expenses.