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› WOWAUTO /

› WOWAUTO JF017E RE0F10D CVT Automatic Transmission Valve Body Instruction Manual

## WOWAUTO JF017E

# WOWAUTO JF017E RE0F10D CVT Automatic Transmission Valve Body Instruction Manual

Model: JF017E | Brand: WOWAUTO

## 1. INTRODUCTION

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This manual provides essential information for the proper installation, operation, and maintenance of the WOWAUTO JF017E RE0F10D CVT Automatic Transmission Valve Body. Please read these instructions carefully before proceeding with installation to ensure correct procedure and optimal performance. This component is a critical part of your vehicle's transmission system.

## 2. PRODUCT OVERVIEW

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The WOWAUTO JF017E RE0F10D is a remanufactured automatic transmission valve body designed for specific Continuously Variable Transmissions (CVT). This component is responsible for directing hydraulic fluid to various parts of the transmission, enabling smooth gear ratio changes. It is engineered from high-quality materials to enhance reliability and durability within the transmission system.

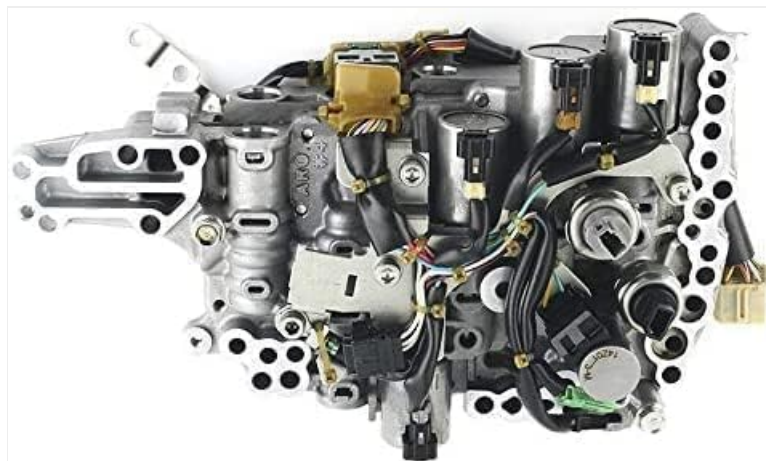


Figure 1: Top view of the JF017E RE0F10D Valve Body, illustrating its intricate design and electrical connections.



Figure 2: Side view of the valve body, showing the robust metallic construction and hydraulic channels.

### 3. COMPATIBILITY

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This JF017E RE0F10D valve body is compatible with various vehicles equipped with the specified CVT. Please verify your vehicle's make, model, year, and engine size against the list below to ensure proper fitment. Always cross-reference with your vehicle's original equipment manufacturer (OEM) part number.

- Infiniti JX/QX60: 2012-2014 (L4 2.5L, V6 3.5L)
- Renault Latitude (Chain CVT8): 2012-2014 (V6 2.5L, 3.5L)
- Nissan Altima: 2012-2014 (V6 3.5L)
- Nissan Elgrand: 2013-2014 (V6 3.5L)
- Nissan Murano: 2014 (L4 2.5L, V6 3.5L)
- Nissan Pathfinder: 2013-2014 (V6 3.5L)
- Nissan Teana: 2013-2014 (V6 2.5L, 3.5L)
- Nissan X-TRAIL: 2014 (L4 2.5L)

If you are uncertain about compatibility, please contact WOWAUTO customer support with your vehicle's VIN, year, make, and model for verification.

### 4. SAFETY INFORMATION

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Working with automotive components, especially transmission systems, requires caution. Adhere to the following safety guidelines:

- Always wear appropriate personal protective equipment, including eye protection and gloves.
- Ensure the vehicle is securely supported on jack stands or a lift before working underneath.
- Allow the transmission to cool down completely before handling to prevent burns from hot fluid or components.
- Disconnect the vehicle's battery before beginning any electrical work.
- Keep the work area clean and free of debris to prevent contamination of transmission components.

### 5. INSTALLATION GUIDELINES

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Installation of a transmission valve body is a complex procedure that typically requires specialized tools and automotive knowledge. It is highly recommended to consult a professional mechanic or refer to detailed service manuals and online video resources specific to your vehicle's transmission model.

1. **Preparation:** Ensure you have all necessary tools, new transmission fluid, and replacement gaskets/seals. Always wear eye protection.
2. **Fluid Drainage:** Safely drain the transmission fluid into a suitable container.

3. **Pan Removal:** Remove the transmission oil pan and filter. Inspect the pan for metal debris, which may indicate more severe internal transmission damage.
4. **Valve Body Removal:** Carefully disconnect electrical connectors and mounting bolts. Note the position of all components for reassembly.
5. **Component Transfer:** When installing the new WOWAUTO valve body, it is crucial to use all components provided with the new unit, including wire harnesses, plugs, and solenoids, as the unit is tested as an assembly. Do not reuse old electrical components unless specifically instructed by a professional.
6. **Installation:** Install the new valve body, ensuring all bolts are torqued to manufacturer specifications. Reconnect all electrical connectors securely.
7. **Filter and Pan:** Replace the transmission oil cooler filter and the transmission fluid strainer in the pan. Install a new transmission filter and gasket, then reattach the oil pan.
8. **Fluid Refill:** Refill the transmission with the correct type and amount of CVT fluid as specified by your vehicle manufacturer.
9. **Initial Check:** Start the vehicle and check for leaks. Allow the transmission to reach operating temperature and check fluid level again, adjusting as necessary.
10. **Adaptation:** Some transmissions may require a 'relearn' or 'adaptation' procedure after valve body replacement. Consult your vehicle's service manual or a professional for this step.



Figure 3: Bottom view of the valve body, detailing the hydraulic channels and mounting points for installation.

## 6. OPERATION

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The JF017E RE0F10D valve body is an internal component of the automatic transmission. Its proper function is integral to the transmission's ability to shift smoothly and efficiently. Once correctly installed, the valve body operates automatically, responding to vehicle speed, engine load, and driver input to manage fluid pressure and direct it to the appropriate clutches and bands for optimal gear ratio selection.

Indicators of proper operation include smooth acceleration, seamless transitions between gear ratios, and the absence of harsh shifts or hesitation.

## 7. MAINTENANCE

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To ensure the longevity and continued performance of your transmission and the WOWAUTO valve body, adhere to your vehicle manufacturer's recommended maintenance schedule for the transmission system. Key maintenance practices include:

- **Regular Fluid Changes:** Replace transmission fluid at recommended intervals using the correct type of CVT fluid. Contaminated or degraded fluid can severely impact valve body function.

- **Filter Replacement:** Change transmission filters (internal and external, if applicable) during fluid service to prevent blockages and maintain fluid cleanliness.
- **Leak Inspection:** Periodically inspect the transmission for any signs of fluid leaks. Address leaks promptly to prevent low fluid levels, which can cause significant damage.
- **Professional Inspection:** Have your transmission professionally inspected if you notice any changes in shifting behavior or unusual noises.

## 8. TROUBLESHOOTING

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If transmission issues persist after the installation of the new valve body, consider the following troubleshooting steps:

- **Verify Installation:** Double-check all electrical connections and ensure all bolts are properly torqued. Confirm that the correct fluid type and level are maintained.
- **Diagnostic Scan:** Perform a diagnostic scan of the vehicle's transmission control module (TCM) for any fault codes. These codes can provide valuable insight into the root cause of the problem.
- **External Damage:** Inspect the transmission for any external damage or issues not related to the valve body.
- **Underlying Issues:** Be aware that a valve body replacement may not resolve issues stemming from more catastrophic internal transmission damage, such as worn clutches, damaged bands, or significant metal contamination in the fluid pan. If metal chunks are found in the oil pan, further internal inspection is required.
- **Professional Assistance:** If problems persist, seek assistance from a qualified transmission specialist.

## 9. SPECIFICATIONS

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<b>OEM Part Numbers</b>	JF017E, RE0F10D
<b>Material</b>	Metal
<b>Exterior Finish</b>	Brass
<b>Inlet Connection Type</b>	Flange
<b>Outlet Connection Type</b>	NPT
<b>Number of Ports</b>	5
<b>Specification Met</b>	CE, RoHS
<b>Item Weight</b>	8.63 pounds
<b>Package Dimensions</b>	14.8 x 10.4 x 7.2 inches

## 10. WARRANTY AND SUPPORT

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WOWAUTO stands behind the quality of its products. For specific warranty details, please refer to the purchase documentation or contact the seller directly. In general, products are eligible for return or replacement within 30 days of purchase, subject to the seller's return policy.

For technical assistance, compatibility verification, or any product-related inquiries, please contact WOWAUTO customer support. When contacting support, please provide your purchase details and, if applicable, your vehicle's VIN, year, make, and model.

Contact Information: Refer to your purchase platform or the official WOWAUTO store for current contact methods. Visit the WOWAUTO Store on Amazon

