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CAC JF015

CAC JF015 RE0F11A JF015E JF011E CVT Refurbished Valve Body Instruction Manual

Model: JF015 | Brand: CAC

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of the CAC JF015 RE0F11A JF015E JF011E Refurbished CVT Valve Body. This component is crucial for the proper functioning of your vehicle's continuously variable transmission (CVT).

1.1 Product Overview

The valve body is a critical hydraulic control unit within an automatic transmission. It directs transmission fluid to various components, enabling gear changes and smooth operation. This product is a refurbished unit, meeting original equipment specifications for performance and reliability.

1.2 Compatibility

This valve body is compatible with various vehicle models equipped with JF015, RE0F11A, JF015E, JF011E, and JF010E CVT transmissions. Please verify your vehicle's specific transmission code before installation.

- Chevrolet Spark (2013-2015)
- Nissan Note (2013-2015)
- Nissan Sentra (2015)
- Nissan Tiida (2011-2015)
- Nissan Versa (2012-2015)
- Nissan Versa Note (2014-2015)
- Suzuki Swift (2012-2015)

Important: Always confirm compatibility by checking your vehicle's VIN, year, make, and model with a qualified technician or the manufacturer before purchase and installation.

2. SAFETY INFORMATION

Installation of transmission components requires specialized knowledge and tools. Improper installation can lead to serious vehicle damage or personal injury.

- Always wear appropriate personal protective equipment, including eye protection, during installation.
- Ensure the vehicle is securely supported on a lift or jack stands.
- Disconnect the vehicle's battery before beginning any work.
- Allow the transmission fluid to cool before draining to prevent burns.
- Dispose of old transmission fluid and parts according to local regulations.
- If you are not confident in your ability to perform the installation, seek assistance from a certified automotive technician.

3. PACKAGE CONTENTS

Upon opening the package, please verify that all components are present and undamaged.

- 1 x CAC JF015 RE0F11A JF015E JF011E Refurbished CVT Valve Body



Figure 3.1: The refurbished CVT valve body as received in its protective packaging.

4. INSTALLATION

Installation of a CVT valve body is a complex procedure that typically requires specialized tools and expertise. It is highly recommended that this procedure be performed by a certified automotive technician.

4.1 Pre-Installation Checks

- Verify the part number on the new valve body matches the original part.
- Inspect the new valve body for any signs of shipping damage.
- Ensure all necessary gaskets, seals, and bolts are available (these may need to be purchased separately).

4.2 General Installation Steps (Consult Service Manual for Specifics)

1. Safely lift and secure the vehicle.
2. Drain the transmission fluid.
3. Remove the transmission oil pan and filter.
4. Carefully disconnect electrical connectors and mounting bolts from the old valve body.
5. Remove the old valve body.
6. Clean the transmission case mating surface thoroughly.
7. Install the new valve body, ensuring all electrical connections are secure and bolts are torqued to manufacturer specifications.
8. Install a new transmission filter and gasket, then reattach the oil pan.
9. Refill the transmission with the correct type and amount of CVT fluid.
10. Perform necessary diagnostic procedures (e.g., CVT fluid level check, transmission adaptation reset) as per vehicle manufacturer guidelines.

For detailed, vehicle-specific installation instructions, it is strongly recommended to consult your vehicle's official service manual or search for related installation videos from reputable sources online.

4.3 Product Visuals



Figure 4.1: Top view of the valve body, showing solenoids and electrical connections.



Figure 4.2: Bottom view of the valve body, illustrating hydraulic channels and mounting points.



Figure 4.3: Angled perspective of the valve body, highlighting its complex structure.

4.4 Installation Videos

Your browser does not support the video tag.

Video 4.1: Overview of the RE0F11A JF015E CVT Valve Body. This video provides a general visual inspection of the product from various angles, demonstrating its physical characteristics and components. It is intended for visual reference and not a step-by-step installation guide.

Your browser does not support the video tag.

Video 4.2: Detailed look at the RE0F11A JF015E CVT Transmission Valve Body for Nissan. This video offers another perspective on the valve body, showcasing its design and integrated components. It serves as a visual aid for product identification and general understanding.

5. OPERATION

The valve body is an internal component of the Continuously Variable Transmission (CVT) and operates automatically. Its primary function is to regulate hydraulic pressure and direct transmission fluid to control the movement of the variator pulleys, thereby changing the gear ratio. Once correctly installed, the valve body works in conjunction with the Transmission Control Module (TCM) to ensure smooth and efficient power delivery.

Proper operation relies on a correctly installed unit, adequate and clean CVT fluid, and a functional TCM. No direct user interaction with the valve body is required during vehicle operation.

6. MAINTENANCE

The valve body itself does not require routine maintenance. Its longevity and proper function are directly tied to the overall health and maintenance of the transmission system.

- **CVT Fluid:** Regularly check and maintain the correct level and quality of CVT fluid as specified by your vehicle manufacturer. Use only approved CVT fluid.
- **Fluid Changes:** Adhere to your vehicle manufacturer's recommended CVT fluid change intervals. Contaminated or degraded fluid can severely impact valve body performance and transmission life.
- **Professional Inspection:** Have your transmission inspected by a qualified technician at recommended service intervals.

7. TROUBLESHOOTING

If you experience transmission issues after installing this valve body, consider the following common areas. Professional diagnosis is always recommended.

- **Incorrect Fitment:** Double-check that the valve body is the correct part number for your specific vehicle's transmission. Even slight variations can cause significant problems.
- **Improper Installation:** Ensure all electrical connectors are fully seated and secured, and all bolts are torqued to specification. Leaks or loose connections can cause operational failures.
- **Low or Incorrect Fluid:** Verify the CVT fluid level is correct and that the proper type of fluid was used. Low fluid or incorrect fluid can lead to erratic shifting or no engagement.
- **Transmission Control Module (TCM) Issues:** After valve body replacement, the TCM may require reprogramming or adaptation reset. Consult a professional for this procedure.
- **Other Transmission Components:** A new valve body may expose issues with other worn transmission components that were previously masked. A comprehensive diagnostic scan by a technician can identify these.

Do not attempt to repair the valve body yourself. Contact a qualified automotive professional for diagnosis and repair.

8. SPECIFICATIONS

Feature	Detail
Brand	CAC
Model Number	JF015
OEM Part Numbers	JF015, RE0F11A, JF015E, JF011E, JF010E
Condition	Refurbished
Material	Metal
Exterior Finish	Stainless Steel
Inlet Connection Type	National Pipe Tapered
Outlet Connection Type	NPT
Number of Ports	2
Item Weight	9.31 pounds
Package Dimensions	11.81 x 10.16 x 6.46 inches
ASIN	B08HCFSH3W
Date First Available	September 3, 2020

9. WARRANTY AND SUPPORT

Specific warranty information for this refurbished product may vary. Please refer to the seller's terms and conditions at the time of purchase for details regarding warranty coverage and return policies.

For technical support, fitment verification, or any questions regarding the product, please contact the seller directly. When contacting support, be prepared to provide your vehicle's VIN, year, make, and model, along with the product's ASIN (B08HCFSH3W) or purchase details.

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