

IXGKHC 284B7 1TT2B

IXGKHC Replacement Main Body Fuse and Relay Box User Manual

Model: 284B7 1TT2B

1. INTRODUCTION

This manual provides essential information regarding the IXGKHC Replacement Main Body Fuse and Relay Box, model 284B7 1TT2B. This component is designed as a direct replacement for the original equipment in compatible Nissan Juke F15 1.6 vehicles. It serves as a central point for electrical distribution and protection within the vehicle's main body electrical system, housing various fuses and relays that safeguard critical circuits.

Understanding the function and proper handling of this unit is crucial for maintaining your vehicle's electrical integrity. Please read this manual thoroughly before installation or troubleshooting.

2. COMPATIBILITY

This replacement fuse and relay box is specifically designed for the following vehicle models:

- **Nissan Juke F15 1.6** (Model Years: 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018)

The part number this unit replaces is **284B7 1TT2B** (also referred to as 284B71TT2B or 284B7-1TT2B). Always verify compatibility with your vehicle's existing part number before installation.

3. SETUP AND INSTALLATION

This fuse and relay box is engineered for direct fitment, meaning it is designed to match the original equipment's form, fit, and function. While it is a direct replacement, installation of automotive electrical components, especially main body fuse boxes, requires careful attention to detail and safety precautions.

Installation Guidelines:

1. **Safety First:** Always disconnect the vehicle's battery terminals (negative first) before beginning any electrical work to prevent electrical shock or damage to components.
2. **Locate Original Unit:** Identify the existing main body fuse and relay box in your Nissan Juke F15. Refer to your vehicle's service manual for its exact location.
3. **Disconnect Wiring:** Carefully disconnect all wiring harnesses and connectors from the old fuse box. Note their positions or take photographs for accurate re-connection.
4. **Remove Old Unit:** Unmount and remove the old fuse and relay box.
5. **Install New Unit:** Position the new IXGKHC fuse and relay box in place and secure it.
6. **Reconnect Wiring:** Reconnect all wiring harnesses and connectors to the new unit, ensuring each connection is firm and correct.
7. **Reconnect Battery:** Reconnect the vehicle's battery terminals (positive first, then negative).
8. **Test Functionality:** Start the vehicle and test all electrical systems (lights, radio, power windows, etc.) to ensure proper operation.

Professional Installation Recommended: Due to the complexity of vehicle electrical systems, professional installation by a qualified mechanic is highly recommended to ensure correct installation and prevent potential damage to the vehicle or the new component.



Image 1: Top view of the IXGKHC Main Body Fuse and Relay Box, illustrating the layout of fuses and relays. This view helps in identifying specific slots during installation or troubleshooting.

4. OPERATION

The fuse and relay box operates automatically as part of your vehicle's electrical system. Its primary function is to distribute electrical power to various components and protect circuits from overcurrents or short circuits. Fuses are designed to blow (break the circuit) when an electrical overload occurs, preventing damage to more expensive components. Relays act as electrical switches, allowing a low-power signal to control a high-power circuit.

No direct user operation is typically required for the fuse box itself, beyond the occasional inspection or

replacement of a blown fuse or faulty relay.

5. MAINTENANCE

Regular maintenance of the fuse and relay box is generally minimal but important for long-term reliability:

- **Visual Inspection:** Periodically inspect the fuse box for any signs of corrosion, loose connections, or physical damage.
- **Fuse Replacement:** If a fuse blows, replace it only with a fuse of the exact same amperage rating as specified by the vehicle manufacturer. Using a fuse with a higher rating can lead to severe electrical damage or fire.
- **Keep Dry:** Ensure the fuse box cover is properly secured to protect the internal components from moisture and debris.

6. TROUBLESHOOTING

If you experience electrical issues or a fault code related to the engine compartment fuse box, consider the following:

- **Blown Fuse:** If a specific electrical component (e.g., headlights, radio) is not working, check the corresponding fuse in the fuse box. A blown fuse will have a broken wire inside. Replace it with a new fuse of the correct amperage.
- **Faulty Relay:** Relays can fail over time. If a circuit controlled by a relay is not functioning, and the fuse is intact, the relay might be faulty. Relays can sometimes be tested or swapped with an identical, known-good relay from a non-critical circuit for diagnosis.
- **Internal Wiring Problem:** If multiple electrical issues persist, or if a fault code specifically points to the fuse box itself (e.g., IPDM BCM Engine Control Unit issues), and individual fuses/relays are confirmed to be functional, the internal wiring or circuitry of the fuse box may be compromised. In such cases, replacement of the entire fuse box, as described in the Setup and Installation section, may be necessary.

Always consult a professional mechanic for complex electrical diagnostics and repairs.

7. SPECIFICATIONS



Image 2: Bottom view of the IXGKHC Main Body Fuse and Relay Box, displaying the manufacturer's label with the Nissan part number (284B7 1TT2B) and other production information. This label is crucial for verifying the correct part.

Feature	Detail
Brand	IXGKHC
Model Number	284B7 1TT2B
Replaces Part #	284B7 1TT2B, 284B71TT2B, 284B7-1TT2B
Compatibility	Nissan Juke F15 1.6 (2011-2018)
Item Weight	3.64 Pounds
Connector Type	Most Likely Similar to Original Equipment
Contact Material	Silver

Feature	Detail
Contact Type	Normally Open
Mounting Type	DIN Rail Mount (<i>Note: This might be a generic specification, actual mounting is vehicle-specific.</i>)

8. WARRANTY AND SUPPORT

For warranty information, technical support, or assistance with this product, please contact the seller or manufacturer directly. Retain your purchase receipt as proof of purchase may be required for warranty claims.

The manufacturer, IXGKHC, states that their products are made from quality materials that meet or exceed OEM standards and are rigorously tested. For specific details regarding their warranty policy, please refer to the documentation provided with your purchase or contact IXGKHC customer service.

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Disclaimer: This manual is for informational purposes only. Always consult a qualified professional for vehicle repairs.