

unbrand A750

unbrand A750 A750E A750F Transmission Rebuild Kit Instruction Manual

For Suzuki Grand Vitara 2.7L (2006-2008), Lexus, and Toyota Models

1. INTRODUCTION

This instruction manual provides essential information for the proper installation and maintenance of the unbrand A750, A750E, A750F Transmission Rebuild Kit. This kit is designed to restore the performance and reliability of compatible automatic transmissions. Please read this manual thoroughly before beginning any work to ensure a successful rebuild and safe operation.

Note: Transmission rebuilding requires specialized knowledge and tools. If you are not experienced in automotive transmission repair, it is recommended to seek assistance from a qualified professional.

2. PRODUCT OVERVIEW AND COMPATIBILITY



Figure 2.1: Contents of the A750 A750E A750F Transmission Rebuild Kit, showing various gaskets, seals, friction plates, and steel

2.1 Kit Components

The unbrand A750, A750E, A750F Transmission Rebuild Kit typically includes the following essential components:

- **Overhaul Gasket and Seal Kit:** Contains all necessary gaskets, O-rings, and seals for a complete transmission overhaul, ensuring proper sealing and preventing fluid leaks.
- **Friction Plates Kit:** Includes new friction plates designed to meet or exceed original equipment specifications, crucial for smooth gear engagement and power transfer.
- **Steel Plates Kit:** Comprises new steel plates that work in conjunction with the friction plates to provide optimal clutch pack performance and durability.

2.2 Applicable Models

This rebuild kit is compatible with A750, A750E, A750F, 750E, 750F, and TB50-LS transmission models found in the following vehicles:

- **For Lexus:**
 - GX470, 4.7L (2003-2009)
 - LX470, 4.7L (2003-2006)
- **For Suzuki:**
 - Grand Vitara, 2.7L (2006-2008)
- **For Toyota:**
 - 4Runner, 4.0L, 4.6L (2003-2013)
 - FJ Cruiser, 4.0L (2007-2014)
 - Land Cruiser, 4.7L (2003-2007)
 - Sequoia, 4.7L (2007-2010)
 - Tacoma, 4.0L (2005-2013)
 - Tundra, 4.7L (2005-2010)

3. SAFETY INFORMATION

Always prioritize safety when working on automotive systems. Failure to follow safety precautions can result in serious injury or damage to the vehicle.

- Wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and protective clothing.
- Ensure the vehicle is securely supported on jack stands or a lift before working underneath it. Never rely solely on a jack.
- Disconnect the vehicle's battery before starting any electrical work.
- Work in a well-ventilated area, especially when dealing with automotive fluids.
- Keep a fire extinguisher nearby.
- Dispose of old fluids and parts responsibly according to local regulations.
- Refer to the vehicle's specific service manual for detailed procedures and torque specifications.

4. INSTALLATION GUIDE

This section outlines the general steps involved in rebuilding an automatic transmission using this kit. This is a complex procedure and requires a high level of mechanical aptitude and specialized tools. Always consult the specific factory service manual for your vehicle and transmission model for detailed, step-by-step instructions and critical specifications.

4.1 Preparation

1. **Vehicle Preparation:** Safely lift and support the vehicle. Disconnect the battery.
2. **Transmission Removal:** Carefully remove the transmission from the vehicle, following the manufacturer's guidelines.
3. **Disassembly:** Disassemble the transmission, keeping all components organized. Document the order of removal, especially for clutch packs and valve body components.
4. **Cleaning and Inspection:** Thoroughly clean all transmission components. Inspect hard parts (casings, shafts, gears) for wear, damage, or scoring. Replace any damaged hard parts as necessary.

4.2 Rebuild Procedure

5. **Gasket and Seal Replacement:** Replace all old gaskets, O-rings, and seals with the new components from the overhaul kit. Ensure all sealing surfaces are clean and free of debris.
6. **Clutch Pack Assembly:** Install the new friction and steel plates into their respective clutch drums. Ensure proper stacking order and clearances as specified in the service manual. Soak new friction plates in clean transmission fluid for at least 30 minutes before installation.
7. **Valve Body and Pump Reassembly:** Reassemble the valve body and oil pump, paying close attention to spring and check ball locations.
8. **Transmission Reassembly:** Reassemble the transmission case, ensuring all components are correctly aligned and seated. Use new gaskets and seals where applicable.
9. **Torque Specifications:** Tighten all bolts to the manufacturer's specified torque values using a calibrated torque wrench.

4.3 Post-Installation

10. **Transmission Installation:** Reinstall the rebuilt transmission into the vehicle.
11. **Fluid Fill:** Fill the transmission with the correct type and amount of new transmission fluid as specified by the vehicle manufacturer.
12. **Initial Startup and Check:** Start the engine and check for leaks. Cycle through all gear ranges while monitoring fluid levels and pressure.
13. **Road Test:** Perform a thorough road test to ensure proper shifting and operation.

5. MAINTENANCE

Proper maintenance is crucial for the longevity of your rebuilt transmission. Adhere to the vehicle manufacturer's recommended service schedule.

- **Fluid Checks:** Regularly check the transmission fluid level and condition. Refer to your vehicle's owner's manual for the correct procedure and fluid type.
- **Fluid Changes:** Change transmission fluid and filter at the intervals recommended by the vehicle manufacturer.
- **Driving Habits:** Avoid harsh acceleration, sudden stops, and excessive towing beyond the vehicle's rated capacity, as these can put undue stress on the transmission.
- **Address Issues Promptly:** If you notice any unusual noises, shifting problems, or fluid leaks, have the transmission inspected by a qualified technician immediately.

6. TROUBLESHOOTING

This section provides general guidance for common issues that may arise after a transmission rebuild. For specific diagnostic procedures, consult a professional or the vehicle's service manual.

Symptom	Possible Cause	Action
No engagement / Slipping	Low fluid level, incorrect fluid type, improperly assembled clutch packs, faulty valve body, internal leaks.	Check fluid level and type. Re-inspect clutch pack assembly and valve body. Professional diagnosis recommended.
Harsh shifting	Incorrect fluid level, faulty solenoids, valve body issues, incorrect line pressure, computer control issues.	Verify fluid level. Check for diagnostic trouble codes (DTCs). Professional diagnosis.
Fluid leaks	Improperly installed gaskets or seals, damaged sealing surfaces, loose bolts.	Identify the source of the leak. Re-torque bolts, replace faulty seals/gaskets.
Overheating	Low fluid level, restricted cooler lines, internal friction, excessive load.	Check fluid level. Inspect cooler lines for blockages. Professional diagnosis.

7. SPECIFICATIONS

- **Product Type:** Automatic Transmission Rebuild Kit
- **Transmission Models:** A750, A750E, A750F, 750E, 750F, TB50-LS
- **Kit Contents:** Overhaul Gasket and Seal Kit, Friction Plates Kit, Steel Plates Kit
- **Condition:** New
- **Part Number:** A750
- **Brand:** unbrand

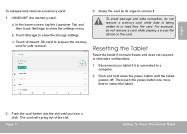
Note: Specific torque values and fluid capacities are vehicle-dependent and must be referenced from the respective vehicle service manual.

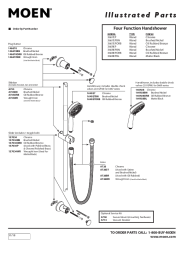
8. WARRANTY AND SUPPORT

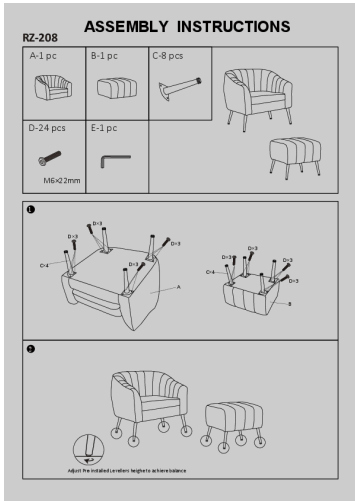
For information regarding warranty coverage or technical support for this unbrand transmission rebuild kit, please refer to the seller's terms and conditions or contact the point of purchase. Keep your purchase receipt as proof of purchase.

For general automotive repair advice or to locate a qualified transmission specialist, you may consult reputable online resources or local automotive service centers.

Related Documents - A750

	<p>Astro Tab A750 Tablet PC User Manual</p> <p>User guide for the Astro Tab A750 Tablet PC, covering basic operations, settings, connectivity, and specifications.</p>
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	<p>Yamaha AVENTAGE RX-A850 & RX-A750 AV Receiver Owner's Manual</p> <p>Explore the features and setup of Yamaha's AVENTAGE RX-A850 and RX-A750 AV receivers with this comprehensive owner's manual. Learn about connectivity, sound modes, network setup, and optimizing your home theater audio.</p>
	<p>Moen Four Function Handshower Illustrated Parts List</p> <p>Detailed illustrated parts list for Moen Four Function Handshower models, including part numbers, descriptions, and finishes. Find replacement parts for your Moen shower.</p>
	<p>Access Networks Unleashed Firmware Release Notes - Version History and Updates</p> <p>Official release notes for Access Networks Unleashed firmware, detailing firmware versions, release dates, affected product SKUs, and key improvements for Wi-Fi access points.</p>
	<p>Yamaha Aventure Receiver Integration with ELAN Systems</p> <p>Guide detailing the integration of Yamaha Aventure AV receivers with ELAN home automation systems, covering supported features, connection diagrams, configuration, and common integration issues.</p>
	<p>Yamaha AV Receiver Setup Guide App</p> <p>The Yamaha AV SETUP GUIDE app simplifies AV receiver setup, guiding users through cable connections, speaker configurations, and network settings for various Yamaha AV receiver models. Optimize your home theater with this easy-to-use application.</p>



[\[pdf\]](#) Instructions Catalog

RZ 208 INS 20220818 Gray Velvet Accent Chair with Ottoman Tufted Barrel Set Instructions Assembly

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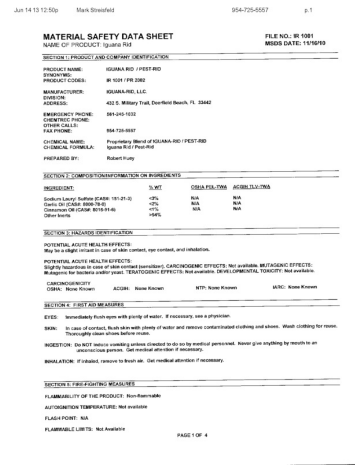
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RZ-208 A-1 pc ASSEMBLY INSTRUCTIONS B-1 pc C-8 pcs D-24 pcs E-1 pc

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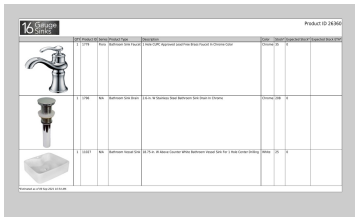
[\[pdf\]](#) Safety Datasheet Catalog

Iguana Rid 1 Gal Ready to Use Refill SDS Unbranded IR1001G 185218000155 0185218000155

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[\[pdf\]](#) Specifications Catalog

16 Gauge Sinks Vessel Sink in White with Faucet and Drain Specification Unbranded 16GS 26360

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QTY Product ID Series Product Type Description 1 1779 Flora Bathroom Sink Faucet

1 Hole CUPC Approved Lead Free Brass Faucet In Chrome Color Product ID 26360

Color Stock* Expected Stock* Expected Stock ETA* Chrome 35 0 1 1796 N/A

Bathroom Sink Drain 2.6-in. W Stainless Steel Bathroom Sink Drai...

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