

TRANSGO 5R55W

TRANSGO 5R55W Shift Kit Installation and Operation Manual

Model: 5R55W

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the TRANSGO 5R55W Shift Kit. This kit is designed to address common transmission issues and enhance performance. Please read all instructions carefully before proceeding with installation or operation.

The TRANSGO 5R55W Shift Kit is engineered to fix lockup complaints, reduce the need for new pump and valve body components, and resolve issues such as "won't move cold" noise. It includes a new pump valve assembly, lockup valve, pump alignment tool, and EPC relief assemblies.

PRODUCT COMPONENTS



Image 1: Overview of the TRANSGO 5R55W Shift Kit components. The image displays the product packaging box and an assortment of small metal and rubber parts, including seals, springs, valves, and a pump alignment tool, laid out on a white surface. These components are essential for the transmission valve body rebuild.

The TRANSGO 5R55W Shift Kit includes the following key components:

- New Pump Valve Assembly
- Lockup Valve
- Pump Alignment Tool
- EPC Relief Assemblies
- Various seals, springs, and small hardware necessary for the rebuild.

SETUP AND INSTALLATION

Important: Installation of this shift kit requires advanced mechanical knowledge and specialized tools. If you are not confident in your abilities, it is recommended to seek professional assistance.

1. **Preparation:** Ensure the vehicle is safely lifted and supported. Drain the transmission fluid and remove the transmission pan and valve body according to the vehicle manufacturer's service manual.
2. **Valve Body Disassembly:** Carefully disassemble the valve body, keeping all components organized. Refer to the detailed diagrams provided with your specific TRANSGO kit for component identification and placement.
3. **Component Replacement:** Replace the specified valves, springs, and seals with the new TRANSGO components. Pay close attention to the orientation and placement of each part. The kit addresses common issues such as "Pump Align Reducer Seal & Bushing Failure."
4. **Band Adjustment:** This is a critical step. Locate the two bands that require adjustment. Tighten the lock nuts until you feel resistance, then back them out exactly two turns. Relock the nuts to secure the adjustment. This accounts for wear in the band over time and contributes to smoother shifts.
5. **Valve Body Reassembly:** Reassemble the valve body, ensuring all components are correctly seated and torqued to specifications.
6. **Installation into Transmission:** Reinstall the valve body into the transmission, followed by a new transmission filter and the transmission pan.
7. **Fluid Refill:** Properly top off the transmission with the recommended Mercon V fluid. Ensure the fluid level is correct according to the vehicle manufacturer's guidelines. It is advisable to have extra fluid on hand to avoid delays.

Note: Allow an entire day for the installation process to avoid rushing and potential errors.

OPERATING CONSIDERATIONS

After installation, the transmission should exhibit improved shifting characteristics and address previous issues such as P0741 (lockup complaint) and P0732, P0733, P0735 codes. The vehicle should experience smoother and more responsive gear changes.

- Initial Test Drive: Perform a cautious test drive to ensure proper operation. Pay attention to shift points and overall transmission behavior.
- Fluid Level Check: Recheck the transmission fluid level after the test drive and top off if necessary.

MAINTENANCE

Regular transmission maintenance, including fluid and filter changes, is crucial for the longevity of your transmission and the continued performance of the TRANSGO Shift Kit. Follow your vehicle manufacturer's recommended service intervals.

- Monitor Transmission Fluid: Periodically check the transmission fluid for proper level and condition.
- Address Issues Promptly: If any new or recurring transmission issues arise, consult a qualified technician.

TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
P0741 Code (Lockup Complaint)	Stuck or worn lockup valve, inadequate fluid pressure.	The TRANSGO kit is designed to address this. Re-verify correct installation of the new lockup valve and EPC relief assemblies. Ensure proper band adjustment.
"Won't move cold" noise	Issues with pump valve assembly or fluid circulation.	The kit includes a new pump valve assembly. Confirm correct installation and proper fluid levels.
Rough or delayed shifting	Incorrect band adjustment, low fluid, or incorrect component installation.	Check transmission fluid level. Re-verify band adjustments (two turns out from resistance). Review installation steps for any missed details.
Codes P0732, P0733, P0735	Gear ratio errors, often related to internal transmission issues.	The kit aims to improve internal hydraulic integrity. If codes persist, further diagnostic by a professional is recommended.

SPECIFICATIONS

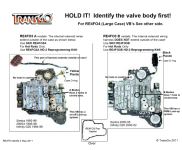
- **Model:** 5R55W
- **Brand:** TRANSGO
- **Material:** Stainless Steel (for certain components)
- **Item Weight:** Approximately 1.76 ounces
- **Package Dimensions:** Approximately 6.1 x 5.9 x 2.1 inches
- **Manufacturer Part Number:** T46165
- **Compatibility:** Designed for 5R55W transmissions.



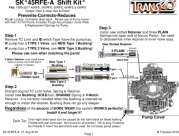
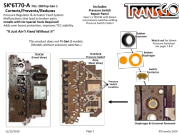
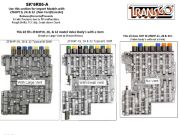
WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your TRANSGO Shift Kit or contact TRANSGO directly through their official website. Keep your purchase receipt as proof of purchase.

© 2024 TRANSGO. All rights reserved. Information in this manual is subject to change without notice.

Related Documents - 5R55W

	<p>TransGo RE4F03A Shift Kit Installation Guide and Identification</p> <p>A comprehensive guide from TransGo detailing the identification of RE4F03 and RE4F04 valve bodies and providing step-by-step installation instructions for the RE4F03A Shift Kit for Nissan automatic transmissions. Includes vehicle applications, troubleshooting tips, and bolt specifications.</p>
---	--

 <p>45-01 Reprogramming Kit™ For 1965-1966 C-4 Automatic Transmissions</p>	<p>TransGo 45-01 Reprogramming Kit for C-4 Transmissions - Installation Guide</p> <p>Comprehensive installation guide for the TransGo 45-01 Reprogramming Kit for 1965-1966 C-4 automatic transmissions. Includes valve body assembly steps, component replacement, final assembly procedures, and important operational adjustments.</p>
 <p>SK AODE Shift Kit™ For 1991-2013 AODE, 4R70W&E, and 4R75W&E Transmissions</p>	<p>TransGo SK AODE Shift Kit Installation Guide for 1991-2013 4R70W&E & 4R75W&E Transmissions</p> <p>The TransGo SK AODE Shift Kit is designed to correct, reduce, and prevent common transmission issues in 1991-2013 AODE, 4R70W&E, and 4R75W&E transmissions. This kit addresses problems like neutrals on start-off, converter slip, 2nd roller failure, 4th band failure, 2nd clutch burn-up, and kickdown runaway, improving shift quality and durability.</p>
 <p>SK 45RFE-A Shift Kit™ For 1995-2000 45RFE, 545RFE, 65RFE, 66RFE, and 68RFE Transmissions</p>	<p>TransGo SK45RFE-A Shift Kit Installation Guide & Technical Specifications</p> <p>Comprehensive guide for the TransGo SK45RFE-A Shift Kit, detailing installation steps, component specifications, clutch clearances, and troubleshooting for 45RFE, 545RFE, 65RFE, 66RFE, and 68RFE transmissions. Includes diagrams and technical data.</p>
 <p>SK@6T70-A Shift Kit™ For 2007up Gen 1 6T70 Transmissions</p>	<p>TransGo SK@6T70-A Shift Kit® Installation and Repair Guide</p> <p>Comprehensive guide for installing the TransGo SK@6T70-A Shift Kit® for 2007up Gen 1 transmissions. Includes detailed instructions for main body repairs, rear body repairs, separator plate, and pressure switch replacement. Learn how to correct and prevent common transmission malfunctions.</p>
 <p>SK6R80-A Shift Kit™ For ZF6HP19, 26, 32, and Ford/Lincoln 6R60, 75, 80 Gen 1 Models</p>	<p>TransGo SK6R80-A Shift Kit Installation Guide for ZF6HP and Ford 6R Transmissions</p> <p>Detailed installation guide for the TransGo SK6R80-A Shift Kit, designed to correct and prevent common transmission issues in ZF6HP19, 26, 32, and Ford/Lincoln 6R60, 75, 80 Gen 1 models. Includes valve body identification, measurement steps, and component replacement instructions.</p>