

## Sonnax 34322-02K

# Sonnax 34322-02K HP Kits Instruction Manual

## HIGH PERFORMANCE TRANSMISSION COMPONENT

### 1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of the Sonnax 34322-02K HP Kits. This kit is designed for specific automotive transmission applications to enhance performance and durability. Adherence to these instructions is crucial for optimal function and longevity of the component.

For technical assistance or further information, please refer to the official Sonnax resources or consult a certified automotive transmission specialist.

### 2. Product Overview

The Sonnax 34322-02K HP Kit is a specialized component for automotive transmissions. It is engineered from hardened steel, providing superior strength and resistance to wear compared to standard cast parts. This particular version may feature a lightened design with strategic holes, contributing to reduced rotational mass and improved performance characteristics within the transmission system.



**Image 2.1:** The Sonnax 34322-02K HP Kit. This image displays the dark metallic, cylindrical component, featuring external splines for engagement within the transmission. The top surface shows a central splined hub and etched markings including 'SONNAX' and '34322-02K', indicating its brand and model number. The robust construction is evident, designed for high-performance applications.

### 3. Setup and Installation

Installation of the Sonnax 34322-02K HP Kit requires specialized knowledge and tools. It is strongly recommended that installation be performed by a qualified and experienced automotive transmission technician.

1. **Preparation:** Ensure the transmission case and all mating surfaces are clean and free of debris. Inspect all related components for wear or damage.
2. **Component Inspection:** Before installation, carefully inspect the Sonnax 34322-02K HP Kit for any manufacturing defects or shipping damage.
3. **Assembly:** Follow the specific transmission manufacturer's service manual for the correct disassembly and reassembly procedures. Pay close attention to torque specifications for all fasteners.
4. **Clearances:** Verify all necessary clearances and end-play measurements are within the manufacturer's specifications after installation of the kit.
5. **Fluid:** Use the recommended transmission fluid type and fill to the correct level after installation.

Failure to follow proper installation procedures can lead to transmission damage, component failure, and may void any applicable warranties.

### 4. Operating Considerations

Once properly installed, the Sonnax 34322-02K HP Kit functions as an integral part of the transmission's internal mechanism, contributing to its overall performance and durability. This component is designed to withstand the demands of high-performance applications.

- **Initial Break-in:** After a new transmission build or component installation, follow recommended break-in procedures for the transmission to allow all new parts to seat properly.
- **Performance Monitoring:** Pay attention to any unusual noises, vibrations, or changes in transmission behavior, especially during initial operation.
- **Fluid Temperature:** Monitor transmission fluid temperature, particularly in high-stress or performance driving conditions, to ensure it remains within safe operating limits.

## 5. Maintenance

Regular maintenance of the transmission system is essential for the longevity and performance of all internal components, including the Sonnax 34322-02K HP Kit.

- **Fluid Changes:** Adhere to the vehicle manufacturer's recommended transmission fluid change intervals. For high-performance or heavy-duty applications, more frequent fluid changes may be beneficial.
- **Filter Replacement:** Replace the transmission filter(s) during fluid changes to ensure proper filtration and prevent contamination.
- **Inspection:** During routine vehicle servicing, have a qualified technician inspect the transmission for any signs of leaks, unusual wear, or operational issues.

## 6. Troubleshooting

If you experience issues with your transmission after installing the Sonnax 34322-02K HP Kit, consider the following general troubleshooting steps. Note that complex transmission issues often require professional diagnosis.

- **Symptom:** Unusual noises or vibrations from the transmission.  
**Possible Cause:** Incorrect installation, loose components, or internal wear.  
**Action:** Re-check installation, verify torque specifications, or consult a technician.
- **Symptom:** Shifting problems (harsh, delayed, or no shifts).  
**Possible Cause:** Low or incorrect fluid level, contaminated fluid, electrical issues, or internal component malfunction.  
**Action:** Check fluid level and condition, scan for diagnostic trouble codes, or seek professional diagnosis.
- **Symptom:** Fluid leaks.  
**Possible Cause:** Improperly sealed gaskets, damaged seals, or loose fittings.  
**Action:** Identify the source of the leak and replace seals or tighten fittings as necessary.

For persistent or severe issues, professional diagnostic services are recommended.

## 7. Specifications

Attribute	Detail
Brand	Sonnax
Model Number	34322-02K
ASIN	B081DBCCWN




## 8. Warranty and Support

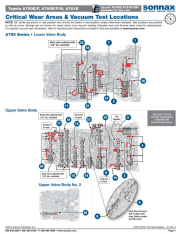
For information regarding the warranty coverage for the Sonnax 34322-02K HP Kit, please refer to the official Sonnax warranty policy available on their website or contact their customer service department. Warranty terms typically cover manufacturing defects under normal use and service.

For technical support, installation guidance, or to report any issues, please contact Sonnax directly through their official channels:

- **Sonnax Official Website:** [Visit the Sonnax Store on Amazon](#) (for general brand information)
- **Customer Service:** Refer to the Sonnax official website for contact details.

## Related Documents - 34322-02K

	<p><a href="#">Sonnax 28154S-125 Big Shaft Stator Support Tube Kit Installation Guide</a></p> <p>Detailed installation instructions for the Sonnax 28154S-125 Big Shaft Stator Support Tube Kit for GM Powerglide and TH400 transmissions. Includes pump cover machining, stator tube and bushing installation, and anti-rotation pinning procedures.</p>
	<p><a href="#">Sonnax 700R4-LB1 Line Pressure Booster Kit Installation and Technical Guide</a></p> <p>Comprehensive guide for installing the Sonnax 700R4-LB1 Line Pressure Booster Kit for GM 4L60 (700-R4) and 200-4R transmissions. Includes disassembly, bore preparation, installation steps, pump tech, shift optimization, and recommended Sonnax products.</p>
	<p><a href="#">Sonnax Line Pressure Booster Kit 6L80-LB1 for GM Transmissions - Installation and Technical Guide</a></p> <p>Detailed instructions and technical information for the Sonnax 6L80-LB1 Line Pressure Booster Kit, designed to improve GM transmission performance. Includes installation steps, benefits, and related Sonnax products.</p>



### [Sonnax Critical Wear Areas & Vacuum Test Locations for Toyota A750/A760 Series Transmissions](#)

Detailed guide from Sonnax identifying critical wear areas and vacuum test locations for Toyota A750E/F, A760E/F/H, and A761E automatic transmissions, including symptoms and recommended Sonnax part numbers.