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› Speedmaster 1-673-001-02 Compatible with Chevy SBC 350 Aluminum Complete Serpentine Belt Drive System Kit [Polished]

Speedmaster 1-673-001-02

Speedmaster 1-673-001-02 Complete Serpentine Belt Drive System Kit

Brand: Speedmaster | Model: 1-673-001-02

INTRODUCTION

This instruction manual provides essential information for the proper installation, operation, and maintenance of your Speedmaster 1-673-001-02 Complete Serpentine Belt Drive System Kit. Please read this manual thoroughly before beginning any work to ensure safe and correct procedures. Retain this manual for future reference.

Important Safety Notice: This product is intended for racing applications only and is not for street use. Adherence to all local regulations and safety guidelines is crucial during installation and operation.

PRODUCT OVERVIEW

The Speedmaster 1-673-001-02 is a complete serpentine belt drive system kit designed for Chevy SBC 350 engines. It features polished billet aluminum components for durability and performance. This kit integrates essential engine accessories into a compact and efficient serpentine belt system.

Key Features

- 673 Accessory Drive System
- Designed with a blend of old and new technology for unique and distinctive DNA items.
- "TRACK PROVEN" certification ensures longevity and performance under demanding conditions.

Kit Components

The kit includes all components necessary for a complete serpentine belt drive system, as detailed below:

- **Pulley Style:** Serpentine
- **Pulley Set Style:** High water flow ratio
- **Pulley Material:** Billet Aluminum
- **Pulley Finish:** Polished

- **Crankshaft Pulley:** Included (Serpentine Grooves)
- **Water Pump Pulley:** Included (Serpentine Grooves)
- **Power Steering Pulley:** Included (Bolt On Adapter)
- **Power Steering Brackets:** Included
- **Alternator Pulley:** Included (6-groove serpentine)
- **Alternator Fan:** Included
- **Alternator Nose Cover:** Included
- **Alternator Brackets:** Included
- **Air Conditioning Pulley:** Included
- **Air Conditioning Cover:** Included
- **Air Conditioning Bracket:** Included
- **Hardware:** Included
- **Bracket Finish:** Polished
- **Bracket Material:** Billet Aluminum
- **Water Pump:** Included (Reverse Rotation, Satin Finish)
- **Quantity:** Sold as a kit
- **Note:** This kit includes the Water Pump, Alternator, Power Steering Pump, and Air Conditioning Compressor.



Figure 1: Complete Speedmaster Serpentine Belt Drive System installed on a compatible engine.

- **Review Vehicle Manual:** Consult your vehicle's service manual for specific engine component removal and installation procedures.
- **Safety First:** Disconnect the vehicle's battery before starting any work. Ensure the engine is cool. Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- **Tools Required:** Gather all necessary tools, including wrenches, sockets, torque wrench, and belt tensioning tools.
- **Inspect Components:** Before installation, carefully inspect all components of the Speedmaster kit for any signs of damage or manufacturing defects.

Installation Steps (General Guidelines)

1. Remove the existing accessory drive system components, following your vehicle's service manual.
2. Install the new water pump, ensuring proper gasket sealing and torque specifications are met.
3. Mount the main bracket to the engine block, ensuring it is securely fastened and aligned.
4. Install the crankshaft pulley, water pump pulley, and other accessory pulleys (alternator, power steering, A/C) onto their respective components.
5. Mount the alternator, power steering pump, and A/C compressor to the new brackets.
6. Route the serpentine belt according to the diagram (if provided with the kit, or standard routing for your engine configuration).
7. Adjust belt tension to the manufacturer's specifications.
8. Reconnect the battery and perform initial checks.

Note: Specific torque values and detailed routing diagrams are typically provided with the product packaging or can be found in a comprehensive vehicle service manual. Always refer to these specific instructions.

OPERATING CONSIDERATIONS

After successful installation, it is important to perform initial checks and be aware of proper operating conditions for your new serpentine belt drive system.

- **Initial Start-up:** After installation, start the engine and allow it to reach operating temperature. Carefully observe the belt for proper tracking and listen for any unusual noises.
- **Belt Tension:** Verify that the belt tension remains within specifications after the initial run-in period. An improperly tensioned belt can lead to premature wear or slippage.
- **Fluid Levels:** Check and top off all fluid levels (coolant, power steering fluid, A/C refrigerant) as necessary, ensuring no leaks are present from newly installed components.
- **Performance Monitoring:** Regularly monitor the performance of all accessories driven by the serpentine belt.

MAINTENANCE

Regular maintenance will extend the life and ensure the optimal performance of your Speedmaster serpentine belt drive system.

- **Belt Inspection:** Periodically inspect the serpentine belt for cracks, fraying, glazing, or excessive wear. Replace the belt if any signs of damage are observed.
- **Pulley Inspection:** Check all pulleys for proper alignment, excessive wobble, or bearing noise. Ensure all mounting bolts remain tight.
- **Cleaning:** Keep the pulleys and belt free from dirt, oil, and debris. Clean with a mild degreaser if necessary, ensuring no residue remains.
- **Accessory Checks:** Verify that all driven accessories (alternator, water pump, power steering pump, A/C compressor) are functioning correctly and are free from leaks or unusual noises.

TROUBLESHOOTING

This section provides general guidance for common issues. For complex problems, consult a qualified automotive technician.

Problem	Possible Cause	Solution
Squealing or Chirping Noise	Loose belt tension, worn belt, misaligned pulleys, contaminated belt/pulleys.	Check and adjust belt tension. Inspect and replace worn belt. Verify pulley alignment. Clean belt and pulleys.
Belt Slippage	Insufficient belt tension, oil/grease on belt, worn belt, seized accessory.	Adjust belt tension. Clean or replace contaminated belt. Inspect accessories for proper function.
Premature Belt Wear	Misaligned pulleys, incorrect belt tension (too tight or too loose), worn bearings in accessories.	Check and correct pulley alignment. Adjust belt tension. Inspect and replace faulty accessories.
Accessory Malfunction (e.g., low charging, overheating)	Belt slippage, faulty accessory unit (alternator, water pump, etc.).	Verify belt tension and condition. Test the specific accessory unit and replace if necessary.

SPECIFICATIONS

Attribute	Detail
Manufacturer	Speedmaster
Brand	Speedmaster
Model Number	1-673-001-02
Item Weight	53.4 pounds
Product Dimensions	26 x 21 x 12 inches
Exterior Finish	Polished
Part Type	Accessory Drive System
Pulley Material	Billet Aluminum
Bracket Material	Billet Aluminum
Water Pump Rotation	Reverse
Date First Available	August 11, 2022

WARRANTY AND SUPPORT

Speedmaster is committed to providing quality products. For support regarding your serpentine belt drive system, please

refer to the following information:

Returns and Exchanges

This product is eligible for 30-day easy returns. Please refer to your purchase platform's return policy for detailed instructions on initiating a return or exchange.

Customer Support

For technical assistance, installation queries, or other support needs, please contact the seller or Speedmaster directly. You can often find contact information on your purchase receipt or by visiting the official Speedmaster store online.

Visit the official Speedmaster Store for more information: [Speedmaster Store](#)

Legal Disclaimer

Intended for racing applications only. Not for street use.