

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Dayco](#) /

› [Dayco 17540 Fan Belt Instruction Manual](#)

## Dayco 17540

# Dayco 17540 Fan Belt Instruction Manual

Model: 17540

## INTRODUCTION

---

This instruction manual provides essential information for the proper installation, maintenance, and troubleshooting of the Dayco 17540 Fan Belt. Please read this manual thoroughly before installation and retain it for future reference. This V-belt is designed for automotive applications.

## SAFETY INFORMATION

---

- Always ensure the engine is off and cooled down before attempting any work on the belt system.
- Disconnect the battery to prevent accidental engine start-up.
- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Refer to your vehicle's service manual for specific instructions and torque specifications related to belt replacement.
- Keep hands and clothing clear of moving parts when the engine is running.

## PRODUCT OVERVIEW

---

The Dayco 17540 is an automotive V-belt, featuring a cogged design for enhanced flexibility and heat dissipation. It is constructed from durable Neoprene material, designed for reliable performance in various automotive applications. This belt has an outside length of 54 inches and a top width of 0.53 inches.



Image 1: The Dayco 17540 Fan Belt, showing its cogged design and overall shape.



Image 2: The Dayco 17540 Fan Belt as it appears in its retail packaging, labeled as a V-Belt.

## INSTALLATION

Proper installation is crucial for the longevity and performance of your Dayco 17540 Fan Belt. Consult your vehicle's specific service manual for detailed, model-specific instructions.

1. **Preparation:** Ensure the engine is off and cool. Disconnect the negative battery terminal. Identify the belt routing diagram, usually found under the hood or in the service manual.
2. **Remove Old Belt:** Locate the tensioner pulley. Depending on your vehicle, you may need a wrench or a specialized belt tensioner tool to relieve tension. Once tension is released, carefully remove the old belt from all pulleys.
3. **Inspect Pulleys:** Before installing the new belt, inspect all pulleys for wear, damage, or excessive play. Replace any faulty pulleys to prevent premature belt failure.
4. **Install New Belt:** Route the new Dayco 17540 belt according to the diagram. Start by placing the belt around the fixed pulleys, then route it around the tensioner pulley last.
5. **Apply Tension:** Use the tensioner tool to relieve tension again, allowing the belt to fully seat onto the tensioner pulley. Slowly release the tensioner, ensuring the belt is properly seated in all pulley grooves.
6. **Final Check:** Visually inspect the entire belt path to confirm it is correctly aligned and seated on all pulleys. Reconnect the battery.
7. **Test Run:** Start the engine and observe the belt for any unusual noises, wobbling, or misalignment. Run the engine for a few minutes, then turn it off and re-check the belt tension and seating.

**Note:** Incorrect tension (too loose or too tight) can lead to premature belt wear, noise, or component damage. Always follow manufacturer specifications for tension.

## MAINTENANCE

Regular inspection and maintenance will extend the life of your Dayco 17540 Fan Belt and ensure optimal vehicle performance.

- **Visual Inspection:** Periodically inspect the belt for signs of wear, such as cracks, fraying, glazing, or missing cogs. Check for any oil or fluid contamination.
- **Tension Check:** Ensure the belt maintains proper tension. A loose belt can slip, causing reduced accessory performance and squealing. An overly tight belt can put excessive strain on bearings.
- **Pulley Inspection:** Check all pulleys for rust, pitting, or damage that could abrade the belt. Ensure they spin freely without excessive noise or wobble.
- **Cleaning:** If the belt is contaminated with oil or grease, identify and fix the source of the leak. Clean the belt and pulleys with a suitable automotive degreaser, if necessary, and ensure they are dry before operation.
- **Replacement:** Replace the belt according to your vehicle manufacturer's recommended service intervals or at the first sign of significant wear or damage.

## TROUBLESHOOTING

Symptom	Possible Cause	Solution
Squealing Noise	Loose belt, worn belt, misaligned pulleys, contaminated belt.	Check tension, inspect for wear, verify pulley alignment, clean belt/pulleys.
Belt Slipping	Insufficient tension, worn belt, oil/fluid contamination.	Adjust tension, replace belt, identify and fix fluid leaks.
Cracked or Frayed Belt	Age, heat, improper tension, worn pulleys.	Replace belt, inspect pulleys and tensioner.
Belt Comes Off Pulley	Misaligned pulleys, worn tensioner, incorrect belt size.	Check pulley alignment, inspect tensioner, ensure correct belt application.

## SPECIFICATIONS

**Brand:** Dayco

**Model Number:** 17540

**Belt Style:** V-Belt, Cogged

**Material:** Neoprene

**Outside Length:** 54 inches (137.16 cm)

**Top Width:** 0.53 inches (1.35 cm)

**Compatible Devices:** Car (Automotive applications)

**Item Weight:** Approximately 4.8 ounces (136 grams)

**Manufacturer:** Auto Extra

## WARRANTY INFORMATION

Warranty information for Dayco products is typically provided by the manufacturer or the point of purchase.

Please refer to the official Dayco website or contact your seller for specific warranty terms and conditions applicable to the Dayco 17540 Fan Belt.

## **SUPPORT**

---

For technical assistance, product inquiries, or further support regarding the Dayco 17540 Fan Belt, please visit the official Dayco website or contact their customer service department. Always provide the model number (17540) when seeking support.