

NICHE 519-CDB2238T

NICHE Drive Belt 519-CDB2238T Instruction Manual

For Yamaha Grizzly, Kodiak, Rhino, and Wolverine Models

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your NICHE Drive Belt, model 519-CDB2238T. Adhering to these instructions will help ensure optimal performance and longevity of the drive belt in your powersports vehicle.

1.1. Product Overview

The NICHE Drive Belt 519-CDB2238T is a high-quality replacement component designed for various Yamaha ATV and UTV models. It is constructed with high tensile aramid fiber for durability and reliable power transmission.

1.2. Compatibility

This drive belt is compatible with the following Yamaha models and OEM part numbers:

- **Compatible with OEM Part Numbers:** Gates 19G3332; Ultimax UA417, UXP417; Yamaha 5GH-17641-10-00, 3C2-17641-00-00, 5GH-17641-00-00
- **Compatible with Yamaha Models:**
 - 2007-2008 Grizzly 400
 - 2007-2014 Grizzly 450
 - 2000-2006 Kodiak 400
 - 2003-2019 Kodiak 450
 - 2006-2009 Rhino 450
 - 2007-2010 Wolverine 450

2. INSTALLATION

Proper installation is crucial for the performance and lifespan of your new drive belt. If you are unsure about any step, it is recommended to consult a qualified technician.

2.1. Safety Precautions

- Always ensure the vehicle is turned off, in neutral, and the parking brake is engaged.
- Disconnect the battery to prevent accidental starting.
- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Allow the engine and clutch components to cool down before beginning work.

2.2. Required Tools (Typical)

- Clutch cover removal tools (sockets, wrenches)
- Clutch puller (if required for your specific model)
- Torque wrench
- Clean rags or shop towels
- Brake cleaner or similar degreaser

2.3. Installation Steps

1. **Access the Clutch System:** Remove the CVT (Continuously Variable Transmission) cover to expose the primary and secondary clutches. Refer to your vehicle's service manual for specific cover removal procedures.
2. **Remove the Old Belt:** If the old belt is still intact, relieve tension on the secondary clutch to allow removal. If the belt is broken, carefully remove all fragments.
3. **Inspect and Clean Clutches:** Thoroughly inspect both primary and secondary clutch sheaves for any signs of wear, damage, or grooves. Clean the clutch sheaves with brake cleaner or a suitable degreaser to remove any belt residue, oil, or grease. Ensure they are completely dry before proceeding.
4. **Install the New Belt:** Place the new NICHE Drive Belt onto the clutches. Ensure the belt is seated correctly in the sheaves.
5. **Belt Direction:** The drive belt should be installed with the label facing outward. This ensures correct orientation for optimal performance and wear.



**Belt should be installed
with label facing outward**



Image: The NICHE Drive Belt showing the instruction to install with the label facing outward.

6. **Reassemble:** Reinstall the CVT cover, ensuring all bolts are tightened to the manufacturer's specified torque settings. Reconnect the battery.

3. OPERATION

Following proper operating procedures, especially during the initial break-in period, will significantly extend the life of your drive belt.

3.1. Break-in Procedure

A proper break-in period allows the belt to seat correctly with the clutch sheaves, preventing premature wear and ensuring optimal performance.

- Operate the vehicle at varying speeds and loads for the first 30-50 miles (50-80 km).
- Avoid prolonged high-speed operation, sudden accelerations, or heavy towing during this period.
- Allow the belt to cool down periodically during the break-in process.

3.2. General Use Tips

- Avoid excessive wheel spin or sudden, aggressive throttle inputs, especially from a standstill.
- Do not overload your vehicle beyond its recommended capacity.
- Regularly check for proper clutch alignment and function.

4. MAINTENANCE

Routine inspection and maintenance will help identify potential issues early and prolong the life of your drive belt.

4.1. Regular Inspection

Periodically remove the CVT cover and inspect the drive belt for the following:

- **Cracks or Fraying:** Look for any visible cracks, tears, or frayed edges on the belt.
- **Glazing:** A shiny, hardened surface on the belt indicates overheating and potential slipping.
- **Missing Cogs:** Check for any missing or damaged teeth (cogs) on the belt.
- **Wear:** Measure the belt width. Significant reduction in width indicates wear and potential need for replacement.
- **Contamination:** Ensure the belt and clutch area are free from oil, grease, dirt, or debris.



4.2. Cleaning

If any contamination is found, clean the belt and clutch sheaves thoroughly with a non-residue cleaner like brake cleaner. Ensure all components are dry before reassembly.

4.3. Replacement

Replace the drive belt if any significant signs of wear, damage, or glazing are observed during inspection, or if the belt width falls below the manufacturer's minimum specification. Refer to your vehicle's service manual for recommended replacement intervals.

5. TROUBLESHOOTING

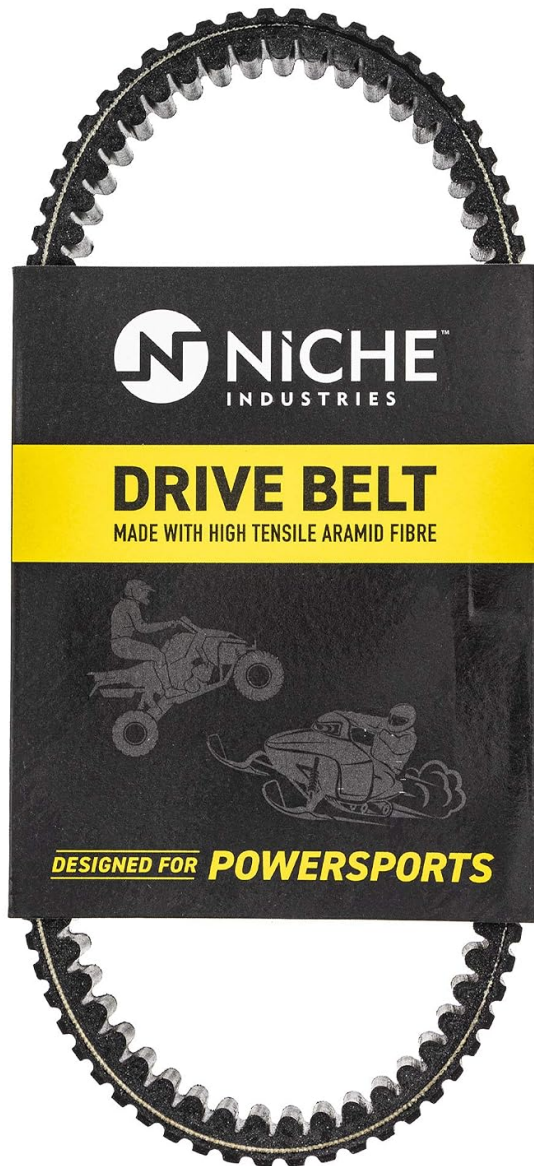
This section addresses common issues related to drive belt performance.

Symptom	Possible Cause	Solution
Belt Slipping	Worn belt, oil/grease on clutches, improper break-in, incorrect belt tension.	Inspect belt for wear/glazing and replace if necessary. Clean clutches thoroughly. Ensure proper break-in. Check clutch alignment.
Premature Belt Failure (breaking, shredding)	Overloading, aggressive riding, improper break-in, worn or misaligned clutches, foreign objects in CVT.	Adhere to vehicle load limits. Follow break-in procedure. Inspect clutches for wear/alignment. Clear CVT area of debris.
Excessive Noise (squealing, grinding)	Worn belt, dirty clutches, clutch component wear, foreign objects.	Inspect and clean belt and clutches. Check clutch components for wear. Remove any debris.

6. SPECIFICATIONS

Key specifications for the NICHE Drive Belt 519-CDB2238T:

- **Model Number:** 519-CDB2238T
- **Material:** Rubber with High Tensile Aramid Fiber
- **Width:** 30mm (1.18 inches)
- **Length:** 876mm (34.49 inches)
- **Belt Style:** Power Belt
- **Compatible Devices:** ATV, UTV



DRIVE BELT

MADE WITH HIGH TENSIL ARAMID FIBRE

LENGTH: 876 MM
WIDTH: 30 MM

Image: The NICHE Drive Belt packaging clearly indicating the length of 876mm and width of 30mm.



Image: The NICHE Drive Belt presented in its retail packaging.

7. WARRANTY AND SUPPORT

7.1. Warranty Information

NICHE Industries provides a **2-year warranty** on this drive belt, covering manufacturing defects and material flaws under normal operating conditions. Please retain your proof of purchase for warranty claims.

7.2. Customer Support

For technical assistance, warranty claims, or any questions regarding your NICHE Drive Belt, please contact NICHE Industries customer support through their official website or the retailer where the product was purchased. Provide your product model number and purchase details for efficient service.