

QUICKDRIVE™ BELT KIT



P/N 2206046

APPLICATION

Polaris Snowmobiles Equipped with QuickDrive™
Low Inertia Drive System

NOTE

Do not remove drive belt from package until ready for installation.

BEFORE YOU BEGIN

Read these instructions and check to be sure all parts and tools are accounted for in package. Please retain these installation instructions for future reference and parts ordering information.

KIT CONTENTS

QTY	PART DESCRIPTION	PART NUMBER
1	Belt-Snow Drive, 36mm	3211156
2	Screw-HXFL- M10X1.25X45 ZOD P30	7520187
2	Washer	7556800
1	Instructions	9926295

TOOLS REQUIRED

- Ratchet
- Torque Wrench
- T40 Torx™ Driver
- 8 mm Allen Wrench
- 8 mm, 10 mm, 15 mm Sockets
- PS-51840 (QuickDrive™ Sprocket Alignment Tools)

IMPORTANT

Your Polaris QUICKDRIVE™ BELT KIT is exclusively designed for your vehicle. Please read the installation instructions thoroughly before beginning. Installation is easier if the vehicle is clean and free of debris. For your safety, and to ensure a satisfactory installation, perform all installation steps correctly in the sequence shown.

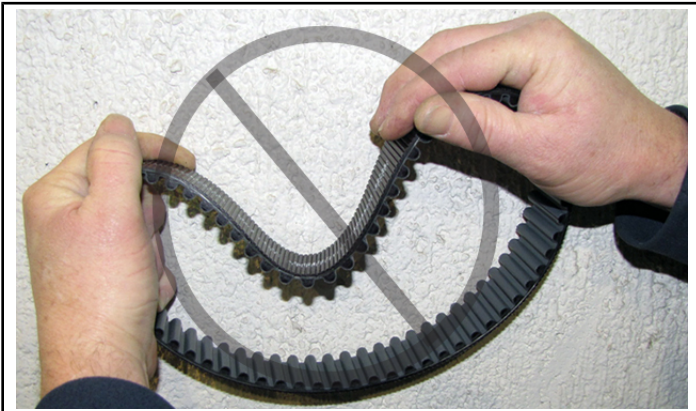
INSTALLATION INSTRUCTIONS

1. Keep drive belt in original packaging. Remove belt only when ready for installation.
2. Avoid belt contact with solvents, oils or chemical cleaners.
3. Remove and discard sprocket hardware; new hardware is provided.
4. The QuickDrive™ Sprocket Alignment tools, PS-51840, are required to install upper and lower sprockets.
5. Do not use pry bars or screwdrivers to remove/install drive belt.

6. Do not crimp, or bend belt to a diameter smaller than the upper sprocket.



7. Do not back-bend the belt.



8. Do not twist or flip the belt.



Break-In Period

Drive Belt/QuickDrive™ Belt Break-In

The length of the break-in period varies depending on the type of drive system. The break-in period for a new drive belt is 30 miles (48 km). The break-in period for a new QuickDrive™ belt is 100 miles (160 km).

1. Vary the throttle position and limit full throttle use.
2. Always take time to warm up the belt and driveline prior to operating the snowmobile. Free the track and skis from the ground before engaging throttle.

Break-In Requirements Specific to the QuickDrive™ Belt

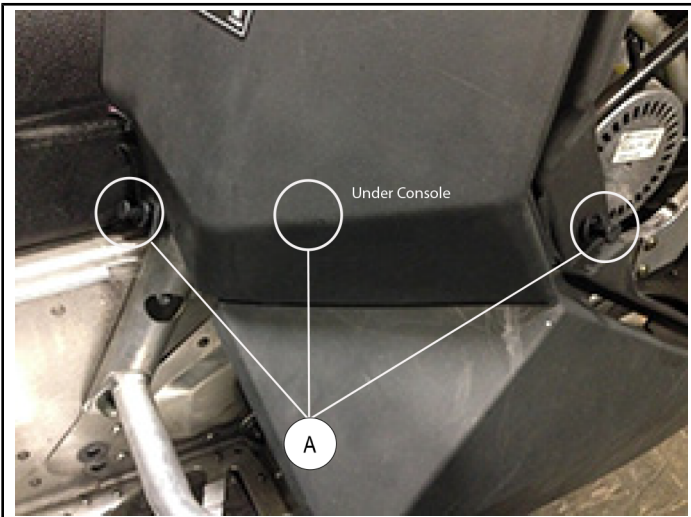
1. During the 100 miles (160 km) of belt break-in, the rider will hear a sound made by the drive system. After the break-in period, the sound will become similar to that of a traditional chaincase.
2. Improper track tension can result in track ratcheting, which will affect QuickDrive™ belt durability. Always maintain proper track tension. See Owner's Manual.
3. During the break-in period, this belt sheds a fiber-type material in and around the drive system. Use a dry shop towel to clean the residue.
4. Stop occasionally and allow the snowmobile to cool after high throttle/high track load events. This will help the QuickDrive™ belt achieve maximum performance and it will also break in the engine, drive belt and sprockets properly.
5. On-trail break-in should be performed at speeds no more than 50 MPH (80 km/h).
6. Always be cautious when jumping and landing a snowmobile. Avoid "power-on" landings. Damage caused to any component due to improper use or abuse is not covered by warranty.

QuickDrive™ Belt Removal

CAUTION

Avoid pinch points between sprocket and brake disc.

1. Place a protective mat on the floor. Remove the right side engine compartment door. Tip snowmobile on to its left side.
2. Remove the three plastic push rivets (A) securing the fender to the console and the console to the foot rest support. Bend fender out of the way to access sprockets.



CAUTION

Exhaust components may be hot. Allow exhaust system to cool.

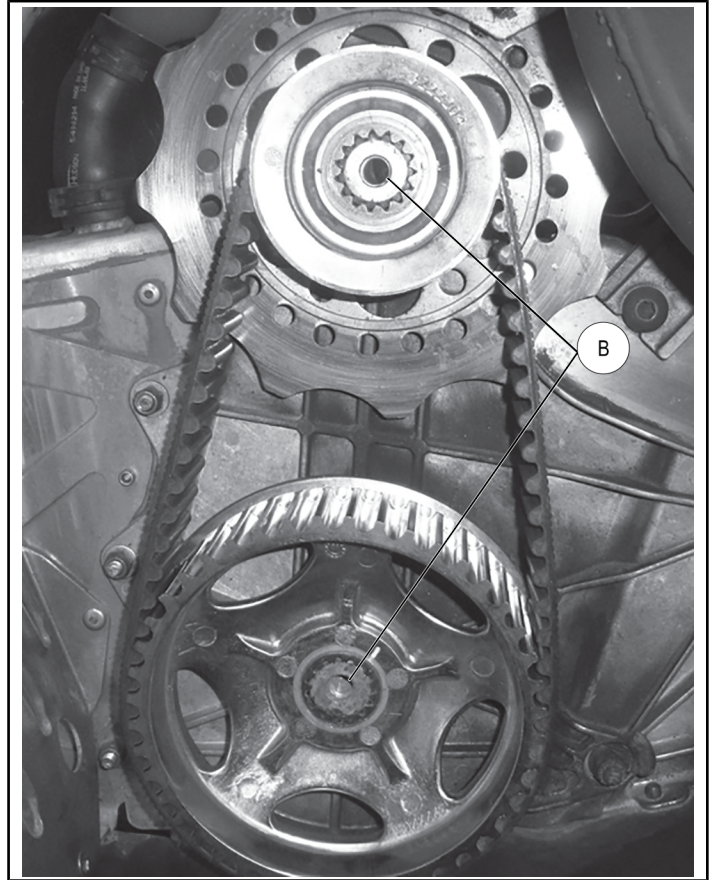
NOTE

If snowmobile is equipped with electric start, remove the battery and battery brackets.

CAUTION

Disconnect BLACK (NEGATIVE) battery cable first, and then the RED (POSITIVE) cable.

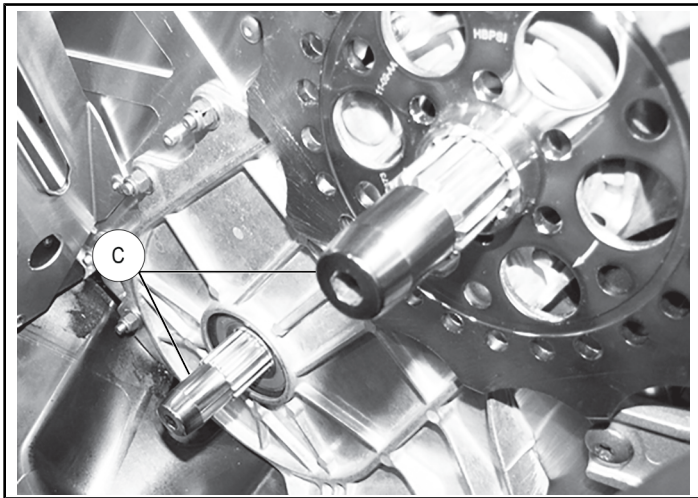
3. Lock the parking brake. Remove the sprocket fasteners (B). Discard both fasteners and washers.



4. Remove both sprockets and the belt as an assembly. Work both sprockets off each shaft equally to prevent belt binding.
5. Inspect the sprocket teeth and surfaces for damage. Replace sprocket(s) if damage is found.

QuickDrive™ Belt Installation

1. Install the QuickDrive™ Sprocket Alignment tools, PS-51840, into the jack shaft and drive shaft (C).

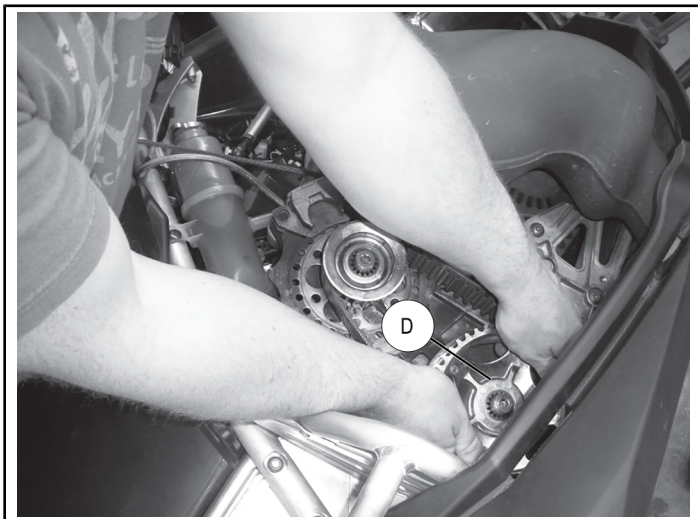


2. Release the parking brake.
3. Install belt and sprockets as an assembly with the arrow on belt pointing toward front of snowmobile.

NOTE

"THIS SIDE OUT" on the upper sprocket must face away from brake disc.

4. Working from the fuel tank side of the vehicle, install the upper sprocket on to the jack shaft. After the Sprocket engages the jack shaft splines, install the lower sprocket (D) on to the drive shaft.



5. Push the upper sprocket down slightly. Move to the lower sprocket and push it down slightly. Continue to work between each sprocket until both sprockets are fully seated.

NOTE

If sprockets will not slide down the splines, the belt is binding. Pull up slightly on the sprockets to re-align belt.

6. Install the supplied fasteners with the new washers. Torque fasteners to 44 ft. lbs. (40 Nm).
7. On models with electric start, reinstall the battery brackets and battery. Verify the battery strap D-clip does not make contact with belt.

NOTE

Connect RED (POSITIVE) battery cable first, and then the BLACK (NEGATIVE) cable.

8. Tip snowmobile back on to its skis. Reinstall the fender. Tighten screw hand tight.
9. Reinstall right side engine compartment door.