Cleaning Procedure
Driver Pulley
Séries 0600
Séries 0400
Congratulations!

You have purchased a quality product proudly made in Canada by CVTech IBC.

**Important Notice**

- Skilled staff should carry out Variable-Speed Drive maintenance and repair operations.
- 🚫 Identifies operations where a risk of serious injury exists when instructions are not properly followed.
- 🙅 Identifies a step where there exists a risk of part deterioration or component malfunction.
- The Tightening Torque Values shown must be precisely applied.
- The images are used for representations purposes only. Items may differ from illustration.

**Limit of Liability**

In no event shall CVTech be liable for damage or injury due to poor text interpretation, improper Variable-Speed Drive handling or misuse of the recommended tools.

**Maintenance Frequency**

The CVTech Variable-Speed Drive requires no lubrication. It is designed to run dry. It is strongly recommended to make a visual check of the CVT:

* Every 3000 miles (5000 km) for ATVs
* Every 150 hours for commercial utility vehicles.

However, basic cleanliness rules apply when handling in order to avoid products or particulates getting in contact with Variable-Speed Drive components during reassembling.

**Recommendation**

To increase the life of the drive and maintain performance, it is strongly recommended to make a visual check of the CVT:

* Every 3000 miles (5000 km) for ATVs
* Every 150 hours for commercial utility vehicles.
Global schematic of the pulley 0600

1 Fixed Flange  1  8 Snap Ring  1
2 Sliding Flange 1  9 Block Assembly 3
3 Washer 1  10 Cap 1
4 Spring Seat 1  11 Flat Washer 1
5 Spring 1  12 Nut 1
6 Washer 1  13 Block 3
7 Spring Cover 1  14 Weight 3
Global schematic of the pulley 0400

<table>
<thead>
<tr>
<th>Qty</th>
<th>Description</th>
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<tbody>
<tr>
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<td>Fixed Flange</td>
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<td>Weight</td>
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<td>Weight</td>
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<td>Spring Seat</td>
<td>12</td>
<td>Threaded Cap</td>
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<td>Weight According to Calibration</td>
<td></td>
<td>Puller</td>
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<tr>
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<td>14</td>
<td>Cap</td>
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<tr>
<td>19</td>
<td>Puller n/a</td>
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Pulley removal from the vehicle

1  Remove the fixing bolt from the engine power take-out.
Mark the direction of Belt Rotation

2  Taper Shaft
Remove the Fixed Flange using the Puller suited for the pulley.
Screw-in the Puller until the Pulley is freed from the Engine Shaft.

3  Straight shaft
Remove the fixing flange by pulling.

NEVER HIT THE DRIVE PULLEY WITH A HAMMER OR OTHER TOOL TO REMOVE THE PULLEY OFF THE VEHICLE PTO.
Cleaning the pulley

Removing the cap and block centrifugal

Remove the nut (12) and washer (11). Cap and centrifugal blocks are now released.

Not to unbalance the pulley, it is best to note the location of the centrifugal blocks in order to place them in the same location during reassembly.
**Cleaning the cap**

- Clean the cap with compressed air.
- Clean to remove any dust or dirt that can remain on the cap.
- Pass a scrubbing pad of very fine grade on the cap.
- Clean the cap with a solvent (brake cleaner) and a cloth.
- Clean again the parts with compressed air.

![Before and after cleaning cap from left to right respectively](image1)

**Cleaning blocks.**

- Clean the blocks with compressed air.
- Clean to remove any dust or dirt that can remain on the blocks.
- Pass a scrubbing pad of very fine grade on the blocks.

![Before and after cleaning blocks from left to right respectively](image2)

- Clean the blocks with a solvent (brake cleaner) and a cloth.
- Clean again the parts with compressed air.
Cleaning the flanges

- Clean the flanges with compressed air.
- Clean to remove any dust or dirt that can remain on the flanges.
- Pass a scrubbing pad of very fine grade on the angle flanges.
- Clean the flanges with a solvent (brake cleaner) and a cloth
- Clean again the flanges with compressed air.

Before and after cleaning fixation flange from left to right respectively.

Before and after cleaning sliding flange from left to right respectively.
Cleaning the ramps.

- Clean the sliding flange ramps with compressed air.
- Clean to remove any dust or dirt that can remain on the sliding flange ramps.
- Pass a scrubbing pad of very fine grade on the sliding flange ramps.
- Clean the sliding flange ramps with a solvent (brake cleaner) and a cloth.
- Clean again the sliding flange ramps with compressed air.

The sliding flange ramps once cleaned
Reassembly the pulley

Assembling the cap and block centrifugal

Put the blocks in their respective location previously noted during disassembly in the sliding flange. Make sure that the tabs are positioned upside up as shown in the photo here below.

Now install the cap, the washer and nut into position.

Apply a torque of 95 Nm at 108 Nm with a torque wrench.
Reassembly of the pulley on the vehicle

Put the pulley on the vehicle and tighten the bolt holding the pulley with a torque wrench as specified by the vehicle manufacturer.