

4.3 Drive belts (petrol, electric & PTO models)

After the normal initial belt stretch the belts will settle in and require checking, and if needed, adjusting every 16 hours.

NOTICE: Replace belts if frayed or damaged. The correct operating belt tension is the lowest tension at which the belts will not slip under peak load conditions.

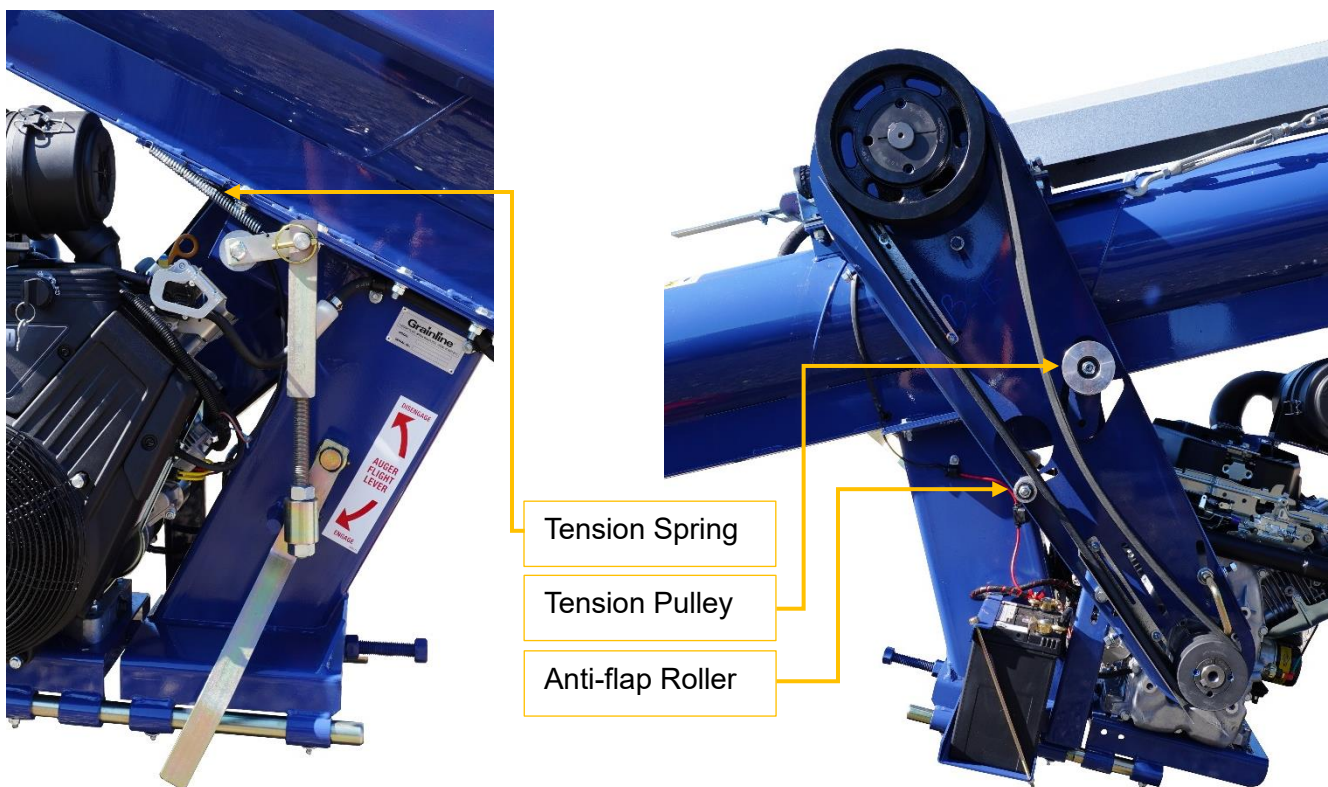
Belt replacement procedure

1. Ensure engine is off and isolated by removing ignition key.
2. Remove belt guard.
3. Slacken belts by lifting the belt tension lever.
4. Remove and replace the damaged belts.
5. Replace belt guard.

DANGER: Always replace belt guard after checking or fitting drive belts.

4.4 Belt tension unit (petrol & PTO models)

- Check for excessive wear of all the bushes and shafts.
- Grease all bushes and shafts.
- Rotate tension pulley & anti flap roller to check bearings, replace if binding occurs.
- Tighten all bolts and nuts.
- Ensure correct operation of engaging and disengaging VEE belt drive to auger.
- Check for excessive wear to pulleys, replace if necessary.
- Check tension spring for weakness, replace if required.



4.5 Adjusting Belt Tension When Belts Run-on - Petrol Models

1. Ensure belt tension lever is disengaged and start engine with throttle at idle.
2. If belts are running on proceed with the following steps.
3. Stop engine, remove key, remove belt guard, and check C shaped bracket as shown in figure 1 below. Ensure that the bracket is set with a space of 6mm between the bracket and belts when the belts are tensioned. See below in figure 2.
4. Adjust bracket if required and replace belt guard.
5. Start engine with throttle at idle and belt tension lever disengaged. If belts continue to run on, proceed with the following steps.
6. With engine still running at idle and belts disengaged, locate the lock nut for the belt tension rod as shown in figure 3.
7. Loosen nut to allow adjustments to tensioner rod, then using a spanner wind the tensioner rod anti-clockwise in quarter turn increments until the belts stop running on.
8. Tighten lock nut and belt tensioner should now function correctly.

Figure 1.

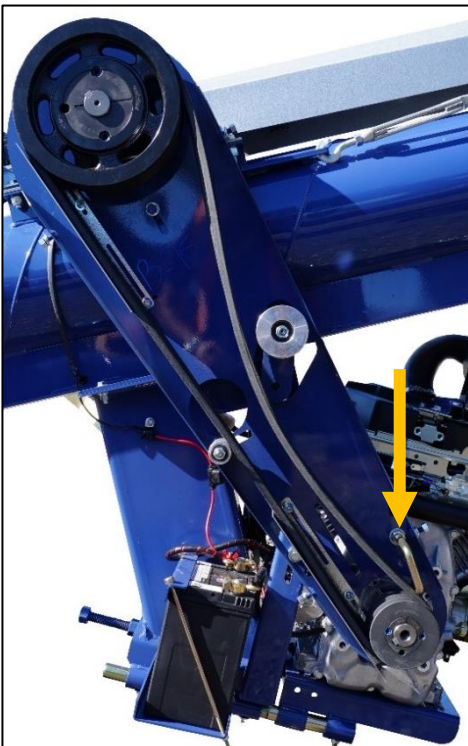


Figure 2.

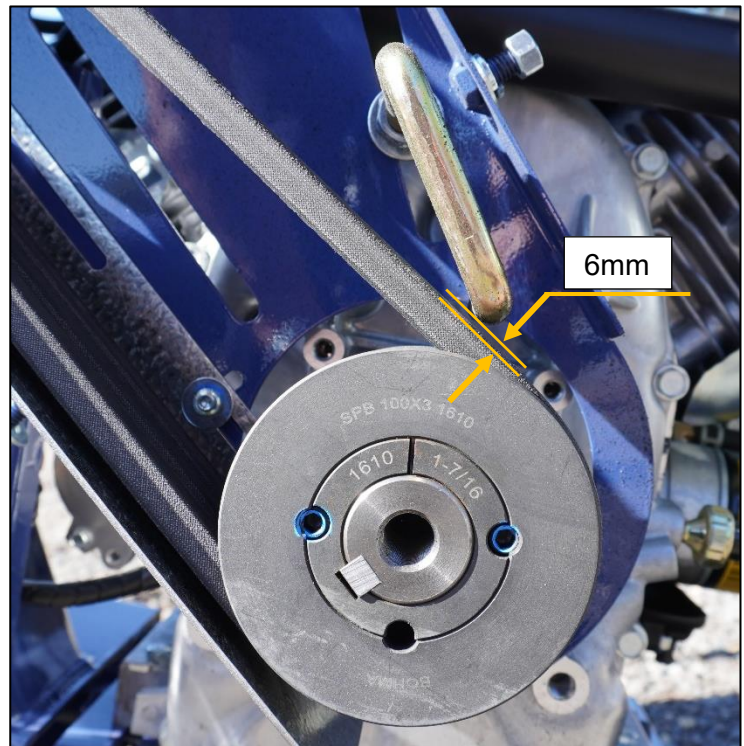


Figure 3.

