

## Touching on rotary stock shredders

Before starting with your shredder, check your PTO drive-shaft shields for proper slipping and protection. You have a least one clutch to inspect; possibly two. One for proper adjustment and to see if it will slip if needed. You may also have an over-running clutch that protects tractor PTO from damage when shutting down and the shredder drums are still spinning. This one should be disassembled, cleaned, checked for wear and kept greased.

If your shredder is not equipped with an over-running clutch, it is best to idle down the tractor to a reduced RPM before shutting off the PTO. Most newer tractors are equipped with a PTO brake which applies when the PTO is disengaged and the tractor engine is running. Shutting off the PTO at high engine speeds can cause damage to the driveline of the shredder or the brake on the tractor PTO.

Check gear boxes for lube; grease all bearings on drums and drives lines. Also check belts for adjustment and wear. Start tractor and run up to operating PTO speed and check for vibration and noise. If need be, check for broken or missing knives and replace them. And always replace the opposite also for balance.

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