



Series II Pinion Covers

Pinion Covers: They're Critical Wear Parts

Proper adjustment is key to smooth operation.

The primary purpose of the pinion cover is to secure the blade housing. If worn, the cover cannot clamp securely, causing the blade housing to move during operation and producing damage to the pinion and blade teeth. Plus, you will have a poorly running trimmer.

The pinion cover is a wear part with one key area of normal wear:

Clamp Wing Wear

Wear occurs between the pinion cover and the blade housing where the blade housing is clamped (*see right*). This wear can be quick and severe if the clamp screw is not loosened properly before making blade changes and adjustments.

Another way to check this is to tighten the clamp screws to specifications (tight) and try to move the adjustment side of the housing as if you're trying to adjust the housing. If it moves easily without much effort, the clamp area of the pinion cover is likely worn out and needs to be replaced.



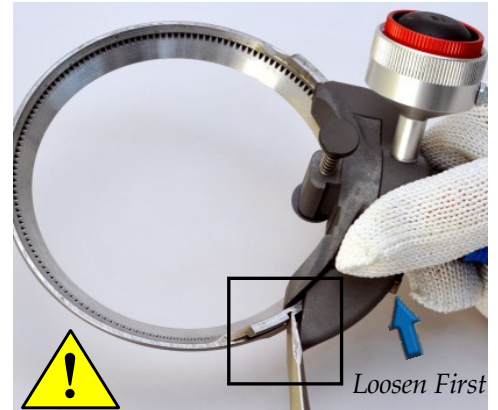
Back View: Cover serrations, designed to grip the frame, are completely stripped away, as shown by the red arrows.

Side View: This close-up shows how much cover material has been worn away and can no longer affix to the frame.



Side View of Cover

Preventing Cover Damage



Damage occurs when the housing is pried without first loosening the cover screw (blue arrow).

New

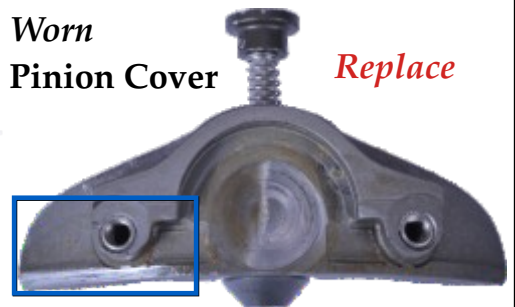
Pinion Cover



Worn

Pinion Cover

Replace



The box indicates critical wear area—see comments in side article