



## RYKER 2019-020-021-022 Gearbox improved Parts - 140638

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This TST includes solution for the noise that can be heard or felt under deceleration at high speed.

**Type:**

General

**TST Detail:****Problem:**

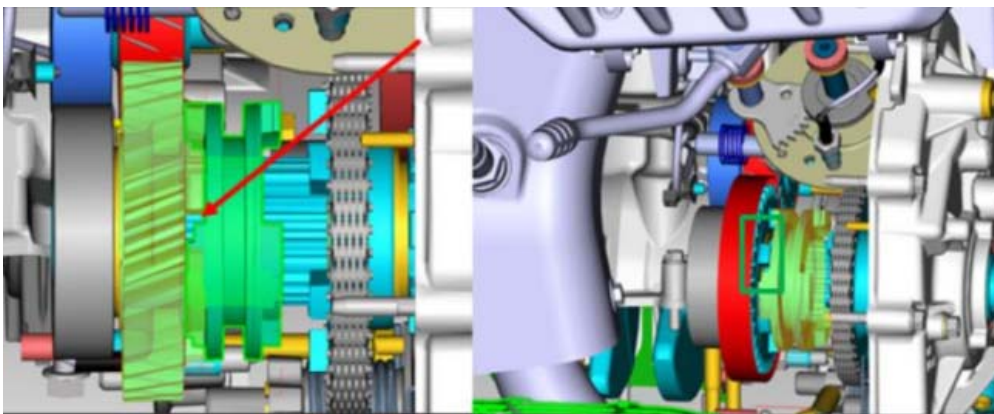
The gearbox is making a loud noise when releasing the throttle at +/- 80 km/h (50 mph). The problem is from the gearbox's internal parts (shifting sleeve & FWD gear).

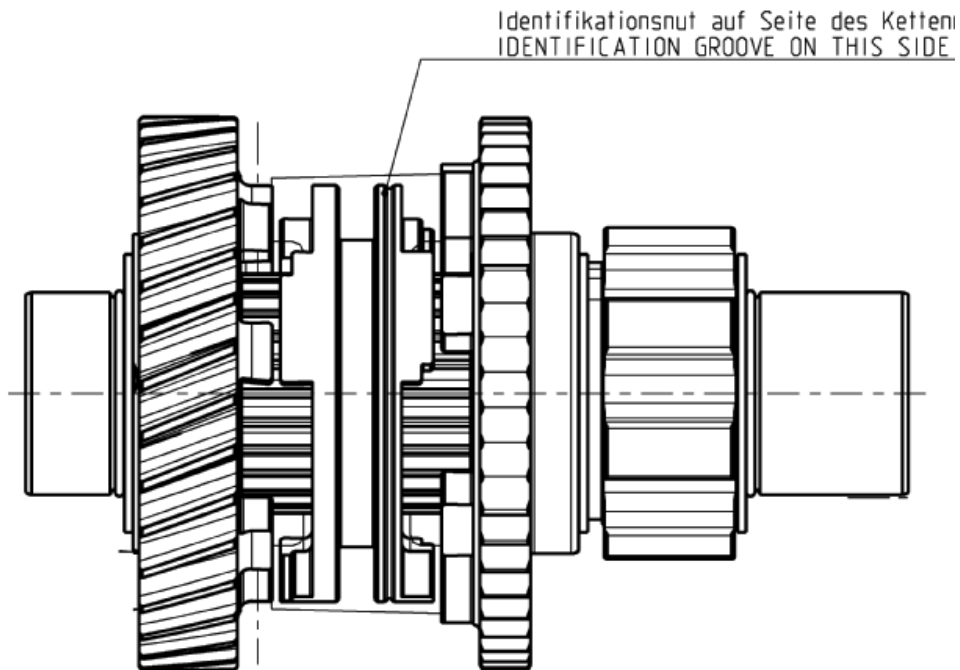
**Solution:**

Addition of a 5 degrees undercut angle to the steps on the shifting sleeve and forward gear. This improvement avoids gear-to-sleeve skipping under deceleration at higher speed. Addition of a 5 degrees undercut angle to the steps on the shifting sleeve and forward gear. This improvement avoids gear-to-sleeve skipping under deceleration at higher speed. MY23 Ryker gearboxes are built with these improvements.

**Inspection Procedure:**

Improved gear set P/N **420637819**. This P/N is blocked and under selective release due to the limited quantity available. A technical case must be opened and it needs to be authorized by a product advisor.





## Warranty:

- If a vehicle is still under normal or BEST warranty then you can file a repair under claim type 01, Syst 05, Code 91
- If the warranty is expired, Goodwill option can be evaluated

## Attachment:

final 5d5fbd72a92b8e00145da0c0 303965



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