

# Roadranger Warranty Repair Guideline RWRG0046

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## RWRG0046 - Idle Rattle Symptom(s)

- Idle rattle

### Cause

Idle rattle or neutral rattle is noise at idle caused by fluctuations in flywheel speed resulting in speed variations at the input shaft. This condition can cause the internal gearing to contact both the drive side and coast side, creating a continuous noise. This idle rattle noise can be identified by slowly raising the engine RPMs, usually between 700 and 1000 RPMs, the noise will diminish or be eliminated. Idle rattle is not a component damaging condition, however it can be very annoying to the operator as it does create a very abnormal noise. Idle rattle can be identified by partially releasing the clutch to see if the noise goes away.

### Repair Guideline

Refer to Service Bulletin CLIB0001.

**Date:** October 18, 2005

**Updated:** April 29, 2013

Idle rattle complaints are not the result of defective transmissions or the factory-installed master clutch. If an idle rattle complaint is encountered, the complaint may be resolved by replacing the original front and rear discs with the VCT Plus PD discs only. There is no need to replace the intermediate plate or pressure plate, unless damage or wear requires.

### Warranty Statement

This is not a warrantable failure.