Engine Noise and Vibration Complaints

Vibration complaints? Engine noise ? Are you sure that it is the engine?

Some of the noises found on roller test, defined as either Top or Bottom End related, were eliminated by adjusting primary chain correctly. Please check the primary chain's adjustment before attempting to diagnose engine noise.

Field complaints of engine noise or vibration are often traced back to a loose compensating nut in the primary drive. Use a stethoscope to isolate the source, and eliminate obvious external culprits. If it appears to be in the primary housing, first check for a loose compensating nut.

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- If loose, disassemble the parts and look for worn surfaces indicating poor clamp load and a diminished stack height. Replace any damaged components. When reassembling, clean the threads on both the shaft and nut, prime the threads, loctite parts with 262 threadlocker and torque to 150-165 ft-lbs.

- If the nut seems tight there may be a stack up issue preventing it from achieving full clamp load. Try adding a 24033-70 shim under the head of the compensating nut (p/n 40392-91) and re-assemble as described above.