

NO.		340
MODEL		KT610, KT620, KT715-KT745, ZT710-ZT740, EZT715-EZT750
DATE ISSUED	DATE REVISED	
5/15	12/16	

Abnormal Engine Noise/Gear Whine

Prior reports of cam gear whine on the 6000 Series, 6600 Series, 7000 Series, Confidant, and Confidant EFI engines had been determined to be the result of the gear outer diameter being slightly oversized. The oversize condition can be a result of water absorption resulting in increased tooth engagement, creating the noise. In many cases, the noise may go away after running the engine for a period of time and the camshaft cures within the environment of the engine.

It is recommended that the oil be checked for water contamination as evidenced by a milky appearance. The water can form as a result of short no load operation and the oil should be changed prior to delivery.

If a customer reports this gear whine as being excessive it is recommended that the camshaft be replaced.

Should the camshaft need to be replaced, it must be noted that there are two different replacements for the original 16 010 01-S camshaft. See table below:

Engine Series	Model	Replacement Camshaft	Gear Material
6000 Series	KT610, KT620	16 010 04-S	Improved Plastic Gear
6600 Series			
7000 Series			
Confidant	ZT710-ZT740	32 010 07-S	All Metal Gear
Confidant EFI	EZT715-EZT750		

NOTE: The original 16 010 01-S cam gear is a black colored material and the 16 010 04-S is a natural colored material. DO NOT use the 16 010 04-S camshaft in the Confidant Series engines. Part number 32 010 07-S may be used in the 6000 Series, 6600 Series, and 7000 Series engines.

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