

Revised Crankshaft Pulley Bolt for 2003-2006 Kia 3.5L Engines

The AERA Technical Committee offers the following information regarding a revised crankshaft damper bolt for 2003-2006 Kia 3.5L engines. It has been reported the crankshaft pulley bolt may become loose, especially if it was improperly torqued during routine service.

The usual indicator of such loosening is a rattling noise coming from the engine compartment, which can be traced to the crankshaft pulley assembly. In some instances, the original bolt has loosened more than once. If the engine is allowed to run after the crank bolt loosens, extreme engine damage will result.

From this seemingly common occurrence, Kia Motors has received questions regarding the proper torque of the crankshaft pulley bolt. The revised gray colored bolt and washer should be replaced every time the bolt and washer are removed and should not be reused. This bolt and washer must be torqued to 130 lbs. ft. (176 Nm) by hand using a properly calibrated torque wrench. The flywheel must be held stationary while the bolt is being torqued. And, under no circumstances should the bolt be installed using an air impact gun! The revised bolt and washer are now corrosion free with a Dacro coating, which can be identified by its silver/gray color.

PREVIOUS		NEW	
Crankshaft Pulley Bolt	Special Washer	Crankshaft Pulley Bolt	Special Washer
			
N/A		23127 39801QQK	
Gold	Black	Gray	Gray