



TT00018

Intermittent Valve Lash Adjuster Noise On N51, N52 or N52K BMW Engines

S. B. International, Inc., offers the following information regarding an intermittent valve lash adjuster noise on N51, N52 or N52K BMW engines. All E82, E83, E88, E85, E86, E60, E61, E70, E90, E91, E92 and E93 vehicles with N51, N52 or N52K engines produced approximately up to November 30th, 2008, may exhibit a valve lash adjuster noise.

An occasional ticking or rattling noise from the camshaft hydraulic valve lifters (HVA) may occur during cold engine starts, due to frequent short-distance driving, or the noise may occur for an extended period of time even though the engine is at operating temperature.

Improved parts were phased into production beginning on October 1, 2008, and fully implemented on November 30, 2008.

All vehicles produced between October 1, 2008, and November 30, 2008, must have each vehicle's cylinder head casting number identified before hydraulic valve lifters (HVA) replacement, due to staggered implementation. Refer to the figure below for the casting number location. Vehicles produced after November 30, 2008, have already been fitted with improved parts. Vehicles produced prior to October 1, 2008, will require the new parts.

Improved Casting Numbers:

N51 (B30) 7588277.01

N52 (B30) 7588273.01

N52K (B30) 7588271.01

A cylinder head casting number that does not match will require replacement of the 12 exhaust camshaft hydraulic valve lifters (HVA) as per Repair Instruction RA 1133 050, "Removing And Installing/Replacing All Rocker Arms." Only the exhaust camshaft and rocker arms have to be removed in order to replace the hydraulic valve lifters. Do not remove or replace any intake camshaft valve train components.

**Information is from best available sources and is accurate at the time of publication.
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