



QUESTIONS AND ANSWERS

ENGINE CONTROL UNIT (ECU) SOFTWARE UPDATE PRODUCT IMPROVEMENT CAMPAIGN – PI1803

October 25, 2018

Q1. What sort of campaign is Kia conducting?

A1. *Kia Motors America, Inc. is conducting a Product Improvement Campaign to update the software for the Engine Control Unit (ECU) to protect the engine from excessive connecting rod bearing damage.*

Q2. What vehicles are affected by this campaign?

A2. *All 2011-2013 MY Optima vehicles equipped with the 2.4L Gasoline Direct Injection (GDI) and 2.0L Turbocharged GDI (T-GDI) engines produced from August 12, 2010 through September 27, 2013;*

All 2014 MY Optima vehicles equipped with the 2.4L Gasoline Direct Injection (GDI) and 2.0L Turbocharged GDI (T-GDI) engines produced at KMMG from August 28, 2013 through May 15, 2014, with engines supplied by Hyundai Motor Manufacturing Alabama;

All 2012-2014 MY Sorento vehicles equipped with the 2.4L Gasoline Direct Injection (GDI) engines produced from April 19, 2011 through February 10, 2014; and

All 2011-2013 MY Sportage vehicles equipped with the 2.0L Turbo Gasoline Direct Injection (T-GDI) engines produced from December 30, 2010 through August 30, 2013.

Q3. Why is Kia conducting a Product Improvement Campaign?

A3. *Kia recently developed Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of excessive connecting rod bearing wear. The KSDS is designed to alert the driver at an early stage of bearing wear before the occurrence of severe engine damage, including engine failure.*

Q4. Can you describe the Product Improvement Campaign and fix?

A4. *Kia has instructed its Kia dealers to perform the software update on the Engine Control Unit ("ECU") to protect the engine from excessive connecting rod bearing damage. Upon completion of this Product Improvement Campaign, Kia will provide **lifetime engine warranty coverage** for this issue only (DTC P1326), to both new and used vehicle owners of the affected vehicles identified above, for engine long block assembly repairs needed due to resulting bearing damage.*

A5. How will the driver know that the Knock Sensor Detection System (KSDS) has detected vibrations indicating the onset of excessive connecting rod bearing wear?



A5. *The Malfunction Indicator Lamp (MIL) will blink continuously, and the vehicle will be placed in a reduced power and acceleration mode referred to as "Limp Home Mode". The engine RPMs will be limited to approximately 1800-2000 RPM. As a result, the maximum vehicle speed will be limited to approximately 65mph or less depending on vehicle loading and road conditions.*

Q6. Have there been any deaths or injuries as a result of this issue?

A6. *No*

Q7. Will this cost vehicle owners any money?

A7. *No. It will not cost the customer any money to have the Product Improvement Campaign performed.*

Q8. How long will the repair take?

A8. *The time it takes to perform the repair can vary depending upon the dealer's work schedule, therefore, an appointment is recommended.*

Q9. How will owners of the affected vehicles be notified?

A9. *Kia will be notifying owners of the affected vehicles by first-class mail beginning on October 26, 2018 through November 9, 2018.*

Q10. Where were the vehicles produced?

A10. *The affected vehicles were produced at several Kia assembly plants.*

Q11. How many vehicles are included?

A11. *Approximately **614,689** vehicles are included in this campaign.*

Q12. Are there any restrictions on an owner's eligibility?

A12. *No.*

Q13. If a customer has an immediate question, where can they get further information?

A13. *They can contact their local Kia dealership or call Kia's Consumer Assistance Center at 1-800-333-4542 (Monday through Friday, 5AM to 6PM, Pacific Standard Time), or contact us via the Owner's Section of www.kia.com.*