

# Part 573 Safety Recall Report

# 17V-586

**Manufacturer Name :** Kia Motors America**Submission Date :** SEP 21, 2017**NHTSA Recall No. :** 17V-586**Manufacturer Recall No. :** SC153**Manufacturer Information :**

Manufacturer Name : Kia Motors America

Address : 111 Peters Canyon Road  
Irvine CA 92606

Company phone : 800-333-4542

**Population :**

Number of potentially involved : 62

Estimated percentage with defect : 25 %

**Vehicle Information :**

Vehicle 1 : 2017-2017 Kia Sorento

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

**Descriptive Information :** Certain 2017 MY Sorento vehicles equipped with 3.3L Lambda engines produced from 3/27/17 thru 3/30/2017. The recall population was determined by a review of vehicle and engine production records. The recalled engine assembly contains a crankshaft which was not properly heat treated during manufacture. These vehicles were not produced in VIN order. Customers seeking information about their specific vehicle will be referred to Kia's Consumer Assistance Center or their Kia dealer.

**Production Dates :** MAR 27, 2017 - MAR 30, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

**Description of the Defect :** The engine's crankshaft was not properly heat treated during manufacture. An improperly heat treated crankshaft will produce a cyclic knocking noise from the engine and may also result in the illumination of the engine warning lamp in the instrument panel. If the warnings are ignored and the vehicle is continued to be driven, the crankshaft may fail and the vehicle could stall while in motion. In addition, under certain conditions a fire may occur.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** An engine stall at higher speeds can increase the risk of a crash. The occurrence of a fire can increase the risk of an injury.

**Description of the Cause :** N/A

**Identification of Any Warning that can Occur :** Illumination of the engine warning lamp and/or knocking noise from engine

**Supplier Identification :****Component Manufacturer**

Name : Hyundai Motor Company Asan Plant  
Address : 1077, Hyundai-ro, Inju-myeon, Asan si  
                  Chungcheongnam-do  
Country : NR

**Chronology :**

See attached document titled "2017 Sorento Lambda Engine"

**Description of Remedy :**

Description of Remedy Program : The recalled part is the engine sub assembly, part number 290Y2 3CS00. All owners of the subject vehicles will be notified by first class mail with instructions to bring their vehicles to a Kia dealer. Dealers will be instructed to disassemble the oil pan and check the crankshaft's lot number using a borescope and replace the engine sub assembly, if necessary. Kia will reimburse owners for repair expenses already incurred pursuant to Kia's General Reimbursement Plan filed March 21, 2016.

How Remedy Component Differs from Recalled Component : The remedy component contains a properly heat treated crankshaft assembly.

Identify How/When Recall Condition was Corrected in Production : The crankshafts produced from January 24, 2017 through January 26, 2017 were installed in Sorento vehicles produced from March 27, 2017 through March 30, 2017.  
The issue was corrected in production on January 27, 2017 at the engine plant.

**Recall Schedule :**

Description of Recall Schedule : Dealer Notification is scheduled for October 30, 2017 and Owner Notification is scheduled for November 6, 2017.  
Planned Dealer Notification Date : OCT 30, 2017 - OCT 30, 2017  
Planned Owner Notification Date : NOV 06, 2017 - NOV 06, 2017

\* NR - Not Reported