

**2011-2014 My Optima, 2011-2014 MY Sportage, 2012-2014 MY Sorento  
High Pressure Fuel Pump Outlet Inspection  
Basis of Safety Defect Determination 573.6(c)(6)**

<b>March 31, 2017</b>	Kia Motors America, Inc. (“KMA”) initiates recall of 2011-2014MY Optima, 2012-2014MY Sorento and 2011-2013MY Sportage due to engine stalling (17v224).
<b>August 2018</b>	KMA identifies that some reports of engine fires may be related to vehicles which have been repaired under recall 17v224. No cause identified. KMA expands its fire investigation efforts by creating a dedicated portion of its customer assistance call center to manage every allegation of fire received and acquiring services of selected team of vehicle fire investigators to investigate and inspect reported fires.
<b>August 21, 2018</b>	NHTSA opens Defect Petition (DP18-003) to investigate non crash fires involving 2011-2014MY Kia Optima and Sorento vehicles. Additional KMA focus added to already ongoing fire investigation efforts.
<b>September 2018</b>	KMA issues to its dealers Engine Replacement Practices Reminder technical service bulletin emphasizing importance of proper engine replacement practices and verification of proper repairs.
<b>October 20, 2018</b>	NHTSA and KMA begin holding weekly telephone conferences regarding vehicle fire inspections that have been or will be conducted in the future so that KMA and NHTSA can share inspection results and potential defect trends in real time.
<b>November 20, 2018</b>	KMA advises NHTSA during weekly telephone conference that it believes, although not confirmed, that fires occurring in 11-14 MY vehicles with post-recall engine replacement may be related to leaking fuel or engine oil.
<b>November 27, 2018</b>	NHTSA/Kia weekly telephone conference. KMA identifies focus of investigation of post-recall engine replacement fires is potential fuel leaking from high pressure fuel line and fuel pump outlet area. Possible misalignment and/or improper torqueing of fuel pipe to fuel pump by certain technicians during engine replacement.
<b>December 4, 2018</b>	KMA meets with Kia Motors Corporation (“KMC”) in Korea to advise details of vehicle fire inspection results and its analysis of potential causes.
<b>December 11, 2018</b>	KMA advises NHTSA that KMC is evaluating the issue. Final decision expected shortly.
<b>December 14, 2018</b>	KMA confirms fuel leaking due to improper repair for fire incident vehicle identified to NHTSA during 12/11/18 call. KMA reports results to KMC.
<b>December 17, 2018</b>	KMC immediately makes decision to conduct a voluntary safety recall. No accidents or injuries reported. Six (6) post engine

	replacement recall repairs leading to fires have been identified or suspected.
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