



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

ODI RESUME

Investigation: DP 18-003
Prompted by: CAS Petition
Date Opened: 08/21/2018
Investigator: Michael Lee **Reviewer:** Paul Simmons
Approver: Stephen Ridella
Subject: Non-crash Fires

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: Kia Motors America, Hyundai Motor America
Products: 2011-2014 Kia Optima/Sorento and Hyundai Sonata/Santa Fe
Population: 2,200,000 (Estimated)

Problem Description: Allegations of non-crash vehicle fires.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	120	TBD	TBD
Crashes/Fires:	120	TBD	TBD
Injury Incidents:	0	TBD	TBD
Number of Injuries:	0	TBD	TBD
Fatality Incidents:	0	TBD	TBD
Number of Fatalities:	0	TBD	TBD
Other*:	229	TBD	TBD

*Description of Other: Complaints of melted wires, smoke and/or burning odors, indicating potential fires.

ACTION / SUMMARY INFORMATION

Action: Open a Defect Petition.

Summary:

On June 11, 2018, the Center for Auto Safety (CAS) petitioned NHTSA to conduct a defect investigation into non-crash fires on model year 2011-2014 Kia Optima and Sorento, and Hyundai Sonata and Santa Fe vehicles. The CAS petition cited at least 120 Vehicle Owner Questionnaire (VOQ) reports of fires and additional 229 VOQs of melted wires, smoke and/or burning odors, indicating potential fires on these vehicles, as of June 7, 2018.

ODI's preliminary review of the VOQs indicates the majority of the reported fires appears to be related to the engine failures covered by two current Recall Queries: RQ17-003 on Kia vehicles and RQ17-004 on Hyundai vehicles. ODI is opening a Defect Petition to review the petition, VOQs, Early Warning Data, and other information on the subject vehicles followed by a decision to grant or deny the petition.

The following VOQ numbers (120 fire reports) are cited by the petitioner and can be viewed at www.nhtsa.gov.

10341928 10386128 10398744 10429442 10436180 10441602 10465924 10476823 10482868 10503081 10534292
 10547548 10553823 10555125 10558870 10560485 10572612 10587361 10645013 10650571 10661186 10692124
 10693248 10694186 10702294 10705662 10714982 10726832 10748707 10748982 10779962 10783067 10785478
 10786603 10787041 10787681 10806151 10806344 10808477 10812040 10821034 10824280 10846035 10850516
 10852467 10861488 10873251 10883323 10884112 10892633 10894943 10895904 10901907 10903380 10903804
 10905594 10914540 10918948 10920235 10926855 10930342 10938549 10949004 10957216 10958524 10965933
 10968692 10970145 10971800 10972006 10978698 10980295 10984187 10985144 10991332 10991353 10991729
 11005870 11010849 11012450 11012531 11012907 11013481 11015550 11015830 11016078 11016332 11022683

11022912 11024053 11031971 11043333 11044183 11045499 11047022 11052937 11057393 11058273 11060659
11062637 11065937 11066433 11066583 11071675 11073341 11074148 11075310 11076296 11080980 11081758
11082829 11090028 11090119 11090295 11091115 11093994 11097211 11097793 11097934 11098807