

Part 573 Safety Recall Report

20V-100

Manufacturer Name : Kia Motors America

Submission Date : MAY 15, 2020

NHTSA Recall No. : 20V-100

Manufacturer Recall No. : SC187



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 : 141,774

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2013-2014 Kia Optima

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Certain 2013-2014 model year Kia Optima vehicles equipped with 2.4L Gasoline Direct Injection (GDI) and 2.0L GDI Turbo engines manufactured at Kia Motors Manufacturing Georgia from November 15, 2012 through December 18, 2013.

The recall population was determined by a review of vehicle production records. The low pressure fuel tube may develop a crack. The vehicles subject to this recall 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 : NOV 15, 2012 - DEC 18, 2013

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The material of the low pressure fuel tube may deteriorate over time and develop a crack from exposure to heat generated within the engine compartment under certain circumstances. If the fuel tube develops a crack, a fuel smell and eventually a fuel leak can occur.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Leaking fuel increases the risk of fire.

Description of the Cause : It is believed that deterioration of low pressure fuel tube material may occur over time from exposure to heat generated within the engine compartment

under certain circumstances. However, Kia is still investigating possible causes of this condition.

Identification of Any Warning that can Occur : Fuel smell and/or leaking fuel

Involved Components :

Component Name 1 : [Fuel Feed Tube]

Component Description : [Fuel Feed Tube for 2.0L T-GDI], [Fuel Feed Tube for 2.4L GDI]

Component Part Number : [31310-3Q100], [31310-3Q900]

Supplier Identification :

Component Manufacturer

Name : Hanil Tube USA

Address : 50 Hanil Dr.
Tallassee ALABAMA 36078

Country : United States

Chronology :

See attached document titled "2013-2014 Optima Low Pressure Fuel Tube Chronology"

Description of Remedy :

Description of Remedy Program : [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 inspect the low-pressure fuel tube for damage and/or leaking. If damage and/or leaking is found, the low-pressure tube will be replaced with a new one. If no damage or leaking is found, a heat protective tape will be installed at the connection between the low-pressure fuel tube and fuel pump for added protection. Kia will reimburse owners for repair expenses already incurred pursuant to Kia's General Reimbursement Plan filed May 11, 2020.]

How Remedy Component Differs [The remedy part has a different tube material with a protective sleeve and connector structure for increased stress and heat resistance. The

from Recalled Component : recalled component part numbers are 31310-3Q100 (2.0L T-GDI, Fuel Feed Tube) and 31310-3Q900 (2.4L GDI, Fuel Feed Tube).]

Identify How/When Recall Condition was Corrected in Production : This condition was corrected in production on December 19, 2013.

Recall Schedule :

Description of Recall Schedule : [Dealer Notification is planned for June 8, 2020. Owner Notification is planned to begin on June 12, 2020 and end on June 17, 2020.]

Planned Dealer Notification Date : JUN 08, 2020 - JUN 08, 2020

Planned Owner Notification Date : JUN 12, 2020 - JUN 17, 2020

* NR - Not Reported