	GROUP BOD	MODEL 2013MY Optima (QF)
	NUMBER 128	DATE January 2016
TECHNICAL SERVICE BULLETIN		
SUBJECT: FUEL DOOR ACTUATOR REPLACEMENT (SA 217)		

This bulletin describes the procedure to replace the fuel door actuator of some 2013MY Optima (QF) vehicles, produced from February 1, 2013 ~ March 14, 2013, which may exhibit an inoperable fuel door actuator. Follow the procedure outlined below to replace the fuel door actuator with an improved part and resolve the concern. Kia is requesting the completion of this Service Action on all affected vehicles. Before conducting the procedure, verify the vehicle is included in the list of affected VINs.



*** NOTICE**

A Service Action is a repair program without customer notification that is performed during the warranty period. Any dealer requesting to perform this repair outside the warranty period will require DPSM approval.

Repair status for a VIN is provided on WebDCS (Service> Warranty Coverage> Warranty Coverage Inquiry> Campaign Information). Not completed Recall / Service Action reports are available on WebDCS (Consumer Affairs> Not Completed Recall> Recall VIN> Select Report), which includes a list of affected vehicles.

This issue number is SA 217.

File Under: Body

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- Circulate To:** **General Manager** **Service Manager** **Parts Manager**
 Service Advisor(s) **Technician(s)** **Body Shop Manager** **Fleet Repair**

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SERVICE PROCEDURE:

1. Partially remove the trunk weather-strip from the left side of the trunk.

CAUTION

Be sure to wear disposable gloves throughout this procedure to avoid soiling the interior trim panels.



2. Remove the trunk cargo net attachment hook, as shown.



3. Use a non-marring trim panel tool to remove the trunk garnish plastic rivets.

CAUTION

Use a non-marring trim removal tool (such as Snap-on® P/N PBN5 or equivalent) to avoid damaging trim pieces.



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4. Push the fuel door release handle through the slot in the trunk trim garnish, as shown.

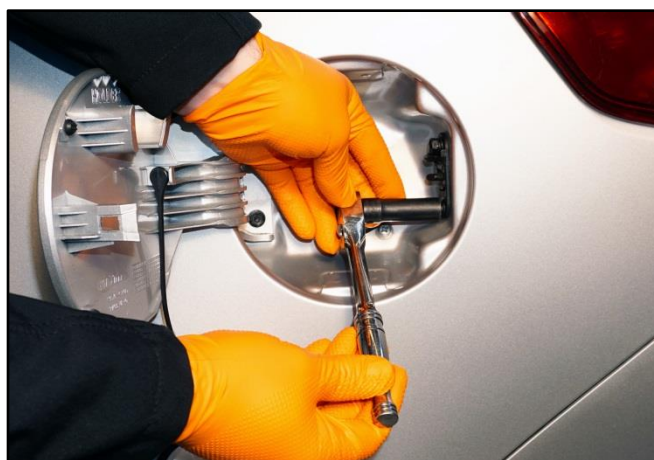


5. Open fuel door and remove the fuel cap.



6. Use a 10mm socket to remove two (2) bolts securing fuel door actuator trim bracket.

**Tightening Torque: 33.6 ~ 51.6 in-lb
3.7 ~ 5.8 Nm)**

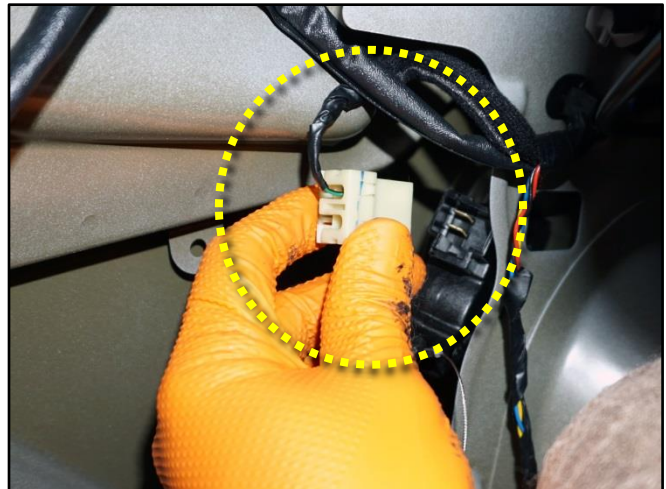


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7. Remove the fuel door actuator bracket, as shown.



8. Remove wire harness connector from the fuel door actuator.



9. Remove the fuel door actuator assembly from the vehicle.




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10. Install the new fuel door actuator by reversing the removal steps.
11. Reinstall all other removed components by reversing the removal steps.
12. Test the fuel door actuator to ensure proper operation.

AFFECTED VEHICLE PRODUCTION RANGE:

Model	Production Date Range
Optima (QF)	From February 1, 2013 ~ March 14, 2013

REQUIRED PART:

Part No.	Part Name	Qty.	Figure
81590 2T000QQK	Fuel Door Actuator	1	

SERVICE ACTION CLAIM INFORMATION:

Claim Type	Causal P/N	Qty.	N Code	C Code	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
V	81590 2T000	1	N99	C99	Fuel Door Actuator Replace	150A21R0	0.3 M/H	81590 2T000QQK	1

*** NOTICE**

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SA 217 when accessing the WebDCS system.