



GROUP  
Safety Recall Campaign

MODEL  
2013-2015MY  
Optima (QF)  
2014-2015MY  
Sorento (XMa)

NUMBER  
SC197 (Rev 2, 1/7/2020)

DATE  
October 2020

## SAFETY RECALL CAMPAIGN

### HECU/ABS MODULE PARASITIC CURRENT DRAW TEST AND REPLACEMENT (SC197)

#### \* NOTICE

This bulletin has been revised to include additional information. New/revised sections of this bulletin are indicated by a light blue margin area.

This bulletin provides the procedure to inspect and, if necessary, replace the Hydraulic Electronic Control Unit (HECU) on 2013-2015MY Optima (QF) vehicles produced from June 12, 2013 through October 2, 2013 and 2014-2015MY Sorento (XMa) vehicles produced from June 17, 2013 through December 17, 2014. Brake fluid may leak from the HECU on Hydraulic Electronic Control Unit (HECU) which, over time, can result in an electrical short in the HECU increasing the risk of an engine compartment fire.

Dealers are to have technicians measure the Anti-Lock Braking System (ABS) circuit in the fuse box for parasitic current draw. If the current draw is excessive, the HECU assembly should be replaced due to possible internal damage causing a brake fluid leak. Before conducting the procedure, verify that the vehicle is included in the list of affected VINs.

#### \* NOTICE

Continuing education is required for all technicians to complete this procedure. A parasitic current test is present at the vehicle inspection prior to the part order.



#### \* NOTICE

There is no charge to the vehicle owner for this repair. Under applicable law, you may not sell or otherwise deliver any affected vehicle until it has been repaired pursuant to the procedures set forth in this bulletin.

#### \* NOTICE

To assure complete customer satisfaction, always remember to refer to WebDCS Warranty Coverage (validation) Inquiry Screen (Service → Warranty Coverage → Warranty Coverage Inquiry) for a list of any additional campaigns that may need to be performed on the vehicle before returning it to the customer.



SUBJECT:

**HECU/ABS MODULE PARASITIC CURRENT DRAW TEST AND REPLACEMENT (SC197)**

AFFECTED VEHICLE RANGE:

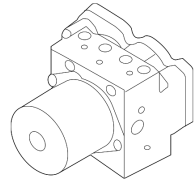
Model	Production Date Range
Optima (QF)	July 12, 2013 to October 2, 2015
Sorento (XMa)	June 17, 2013 to December 11, 2014

REQUIRED TOOL:

Tool Name	Figure	Part Number	Comments
Multimeter DT-830D		SC197Meter	Only one (1) multimeter set was auto shipped to each dealer by MPA, P/N: KQ589 4C100QQK. <u>Additional warrantable concerns will be handled by Snap-On Business Solutions*.</u>
		SC197Leads	

\* Call Snap-on Business Solutions at (888) 542-1011 for lead replacements or defective meter.

REQUIRED PART:

Part Name	Part Number	Figure	Qty.
HECU Assembly* (XMa)	58920 1U000QQK		1  <b>*Techline case number will be required prior to part order.</b>
HECU Assembly* (QF)	58920 4C550QQK 58920 4C870QQK 58920 2T550QQK 58920 2T870QQK		

WARRANTY INFORMATION:

**N Code: N99 C Code: C99**

Model	Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
XMa	R	58920 1U000	0	(SC197) HECU Inspection/Test	201A18I0	0.3 M/H	N/A	0
				(SC197) HECU Test and Replacement	201A18R0	2.1 M/H	58920 1U000QQK	1
QF		58920 4C550		(SC197) HECU Inspection/Test	201A18I1	0.3 M/H	N/A	0
				(SC197) HECU Test and Replacement	201A18R1	2.0 M/H	58920 4C550QQK*	1
58920 4C870QQK*								
58920 2T550QQK*								
58920 2T870QQK*								

\*Note: Only one (1) applicable HECU Replacement P/N can be claimed for QF model. Refer to Warranty Bulletin 2020-24 for claim submission procedures. Use sublet code X1 for reimbursement for Kia Brake Fluid P/N: UM010 CH043, DOT 4 (\$9 maximum).

Labor Op Codes have been revised due to audio presets and reprogramming is not required.

**\* NOTICE**

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference **SC197** when accessing the WebDCS system.

