	GROUP ELE	MODEL 2011 – 2015MY Sorento (XMa)
	NUMBER 108	DATE June 2016
TECHNICAL SERVICE BULLETIN		
SUBJECT: AIRBAG WARNING LIGHT ON		

This bulletin provides information related to the replacement of the clock spring assembly on 2011MY – 2015MY Sorento (XMa) vehicles. If the Airbag Warning Light is on with any of the DTCs listed below, follow the procedure outlined to resolve the issue.

- B1346/B134600 Driver Airbag Resistance too high (1st stage)
- B1347/B134700 Driver Airbag Resistance too low (1st stage)
- B1481/B148100 Driver Airbag Resistance too high (2nd stage)
- B1482/B148200 Driver Airbag Resistance too low (2nd stage)
- B1348/B134800 Driver Airbag resistance circuit short to Ground (1st stage)
- B1349/B134900 Driver Airbag resistance circuit short to Battery (1st stage)
- B1483/B148300 Driver Airbag resistance circuit short to Ground (2nd stage)
- B1484/B148400 Driver Airbag resistance circuit short to Battery (2nd stage)



File Under: <ELECTRICAL>

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

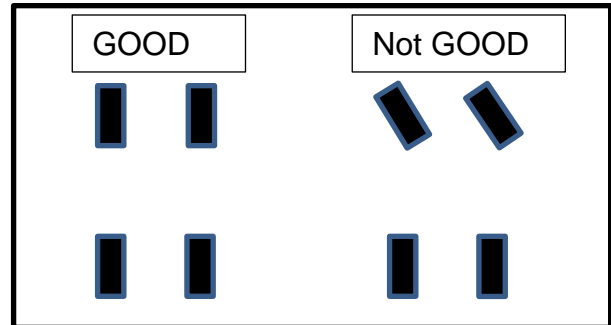
SUBJECT:

AIRBAG WARNING LIGHT ON

1. Place the ignition key in the "ON" position and record the customer's radio presets.
2. Turn the steering wheel so that the front wheels face straight ahead.

**CAUTION**

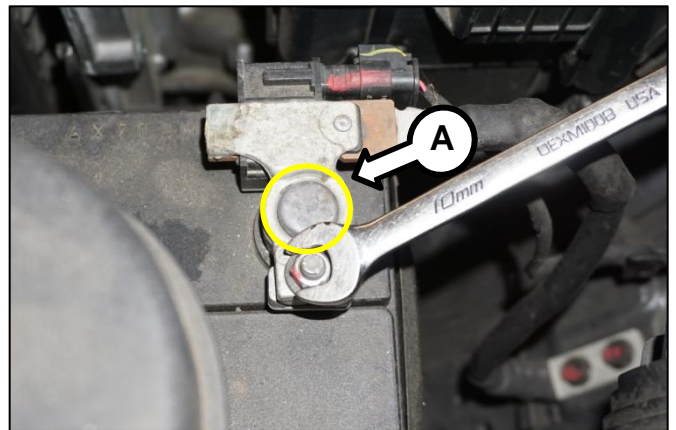
- Use a non-marring trim removal tool (such as Snap-on® P/N PBN5 or equivalent) to avoid damaging trim pieces.
- Be sure to wear disposable gloves throughout this procedure to avoid soiling any interior trim components.



3. Turn the ignition off, and disconnect the negative terminal of the battery

*** NOTICE**

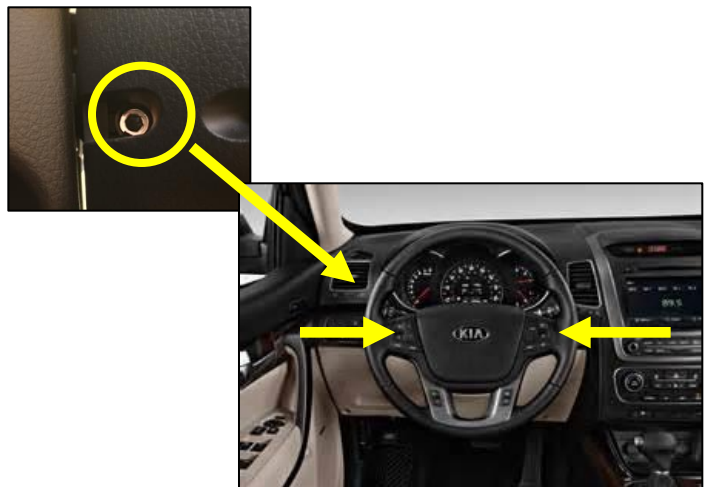
After disconnecting the negative terminal of the battery, wait about thirty seconds before proceeding with the repair.



4. Remove the air bag by loosening the Torx® bolts as necessary.

**CAUTION**

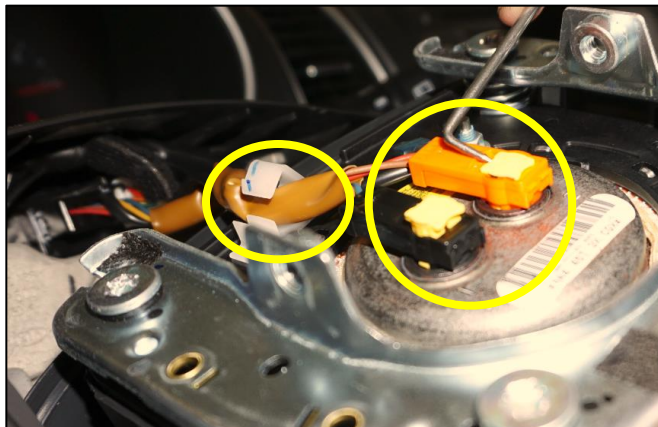
The removed air bag module should be stored in a clean, dry place with the pad cover face up.



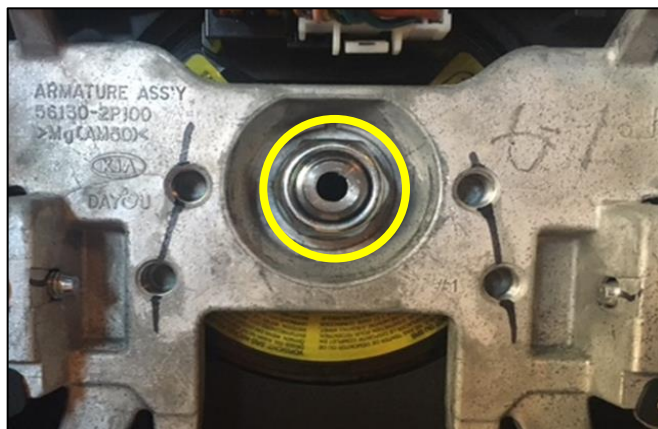
SUBJECT:

AIRBAG WARNING LIGHT ON

5. Disconnect the electrical connectors and harness retaining clip, as shown.



6. Remove the lock nut.



7. Mark the steering wheel (A) to assist in realignment.

Remove the steering wheel by using a steering wheel puller.

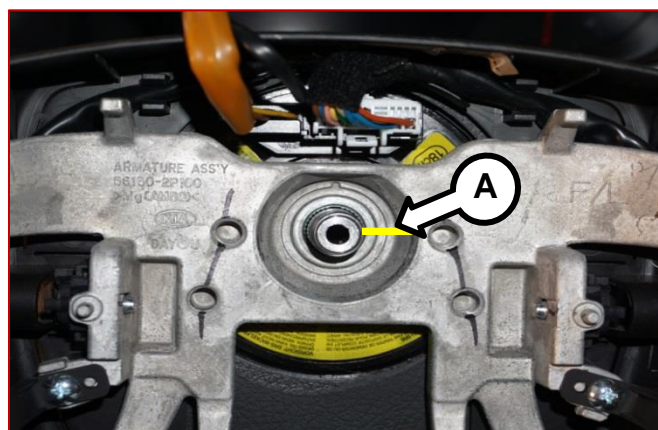
Tightening torque :

39.2 ~ 49.0 N.m (4.0 ~ 4.5 kgf.m, 28.9 ~ 36.2 lb-ft)



CAUTION

Do not hammer on the steering wheel to remove it. This may damage the steering column.



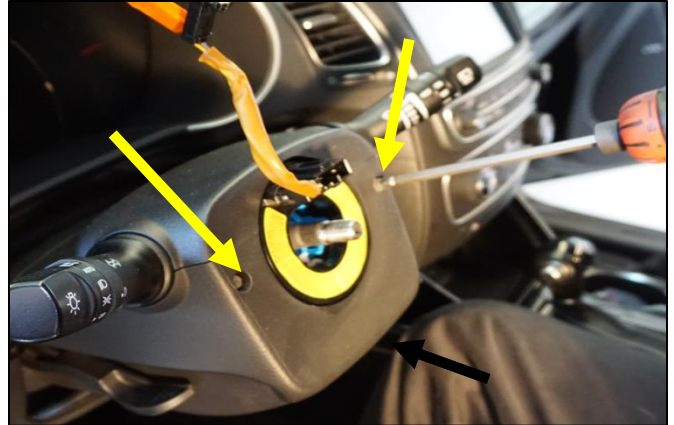
SUBJECT:

AIRBAG WARNING LIGHT ON

8. Remove steering column cover by removing the 3 screws.

*** NOTICE**

Use caution not to damage the cover with the screw driver.



9. Disconnect the connectors behind the clock spring.

Unclip and remove the clock spring from the column.

*** NOTICE**

When installing the new clock spring, leave the alignment tool in the clock spring until the steering wheel is back on to ensure that the clock spring stays in alignment with the steering wheel.



10. Reinstall all parts in reverse order of this TSB.
11. Restore the customer's radio presets as recorded in Step 1.

AFFECTED VEHICLE PRODUCTION RANGE:

Model	Production Date Range
Sorento (XMa)	October 24, 2009 – December 17, 2014

SUBJECT:**AIRBAG WARNING LIGHT ON****REQUIRED PARTS:**

Model	Old Part Number	New Part Number
XMa	93490-1U480	93490-1U125FFF
	93490-1U480CA	
	93490-1U180	
	93490-1U380	93490-1U325FFF
XMa F/L	93490-1U120	93490-1U125FFF
	93490-1U320	93490-1U325FFF

WARRANTY CLAIM INFORMATION:**AIR BAG WARNING LIGHT ON**


Claim Type	Causal P/N	Qty	N Code	C Code	Repair Description	Labor Op Code	Time	Replacement P/N	Qty
W	93490-1U125FFF OR 93490-1U325FFF (Heated Steering Wheel)	1	I3R	ZZ3	Clock Spring Assy Replacement	Primary Labor Op: 93490F01	0.4	N/A	0
	GDS Operation Clock Spring				Add: 93490RQ0	0.3			

AIRBAG ILLUMINATION DIAGNOSIS ONLY (NO CLOCK SPRING ASSY REPLACEMENT):

Claim Type	Causal P/N	Qty	N Code	C Code	Repair Description	Labor Op Code	Time	Replacement P/N	Qty
W	93490-1U125FFF OR 93490-1U325FFF (Heated Steering Wheel)	0	I3R	ZZ3	GDS Operation Clock Spring	93490RQ0	0.3	N/A	0

See Warranty Bulletin 2016-14 for additional claim submission information.

REQUIRED TOOL:

Part Name	Part Number	Qty		Comments
Generic Steering Wheel Puller	N/A	1		Locally Sourced