



HYUNDAI | NEW THINKING.
NEW POSSIBILITIES.

Technical Service Bulletin

GROUP CAMPAIGN	NUMBER 16-01-008
DATE MARCH 2016	MODEL(S) SONATA PHEV (LF PHEV)

SUBJECT: SONATA PHEV HIGH VOLTAGE BATTERY COVER REPLACEMENT
(SERVICE CAMPAIGN TZ7)

★ IMPORTANT

*** Dealer Stock and Retail Vehicles ***

Dealers must perform this Service Campaign on all affected vehicles prior to customer retail delivery and whenever an affected vehicle is in the shop for any maintenance or repair.


When a vehicle arrives at the Service Department, access Hyundai Motor America's "Warranty Vehicle Information" screen via WEBDCS to identify open Campaigns.

Description: This bulletin describes the procedure to replace the high voltage battery cover. The stud bolts for the high voltage battery cover may be corroded.



Applicable Vehicles: Certain 2016 SONATA PHEV (LF PHEV).

Parts Information:

Part Name	Part #	Description	Qty.
HIGH VOLTAGE BATTERY COVER	37593-E6610-QQH		1

Warranty Information:

Model	Op. Code	Operation	Op. Time
SONATA PHEV (LF PHEV)	50C100R1	HIGH VOLTAGE BATTERY COVER REPLACEMENT	0.4 M/H

NOTE: Submit Claim on Campaign Claim Entry Screen

Service Procedure:

Be sure to read and follow Shop Manual “**General Safety Information and Caution**” and “**High Voltage Shut-off Procedures**” before performing any work related to the high voltage system. Failure to follow the safety instructions may result in serious injuries.

- Record the customer’s radio preset stations for AM/FM/XM.

Open the trunk and remove the 12V battery cover.

Remove the battery (-) negative terminal using a 10mm wrench.



NOTICE

Tightening torque:
4.0 ~ 6.0 Nm
0.4 ~ 0.6 kgf.m
3.0 ~ 4.4 lb-ft
35 ~ 53 lb-in

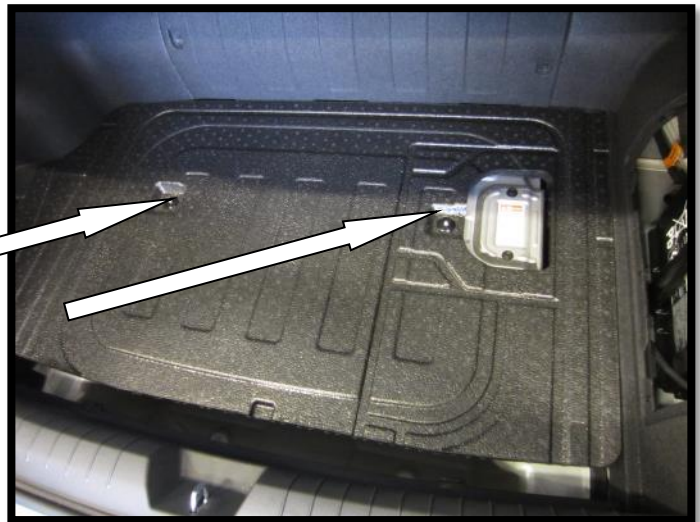
2. Remove the trunk cover mat.



3. Remove two mounting plugs and then remove the luggage foam.

⚠ CAUTION

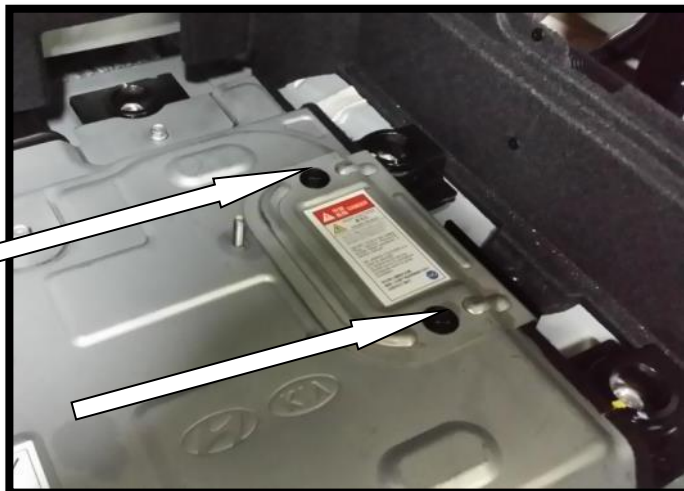
Foam can easily break if mounting plugs are not removed.



4. Remove the safety plug cover bolts using a 10mm wrench.

NOTICE

Tightening torque:
7.8 ~ 11.8 Nm
0.8 ~ 1.2 kgf.m
5.8 ~ 8.7 lb-ft
69 ~ 104 lb-in

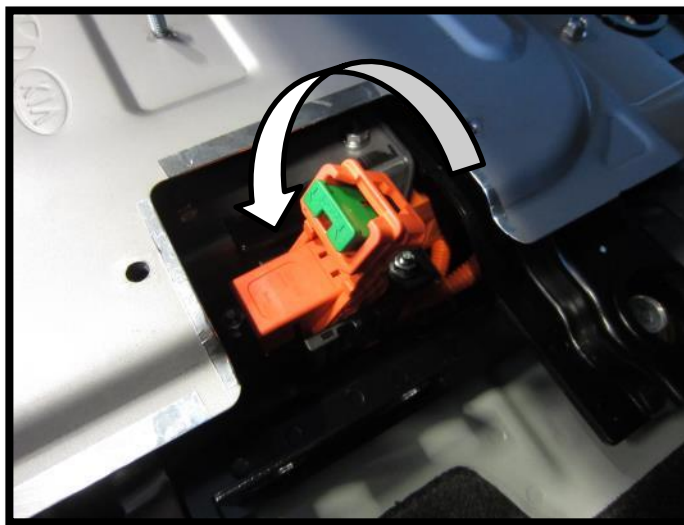


5. Remove the Orange Hybrid Battery Safety Plug:

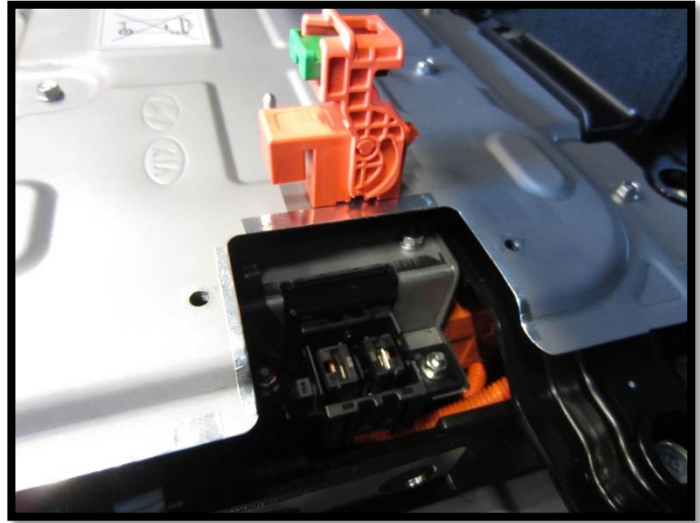
Lift up on the green lock tab.



Pull back on the green locking tab to lift the orange lock cam lever as shown to the right.



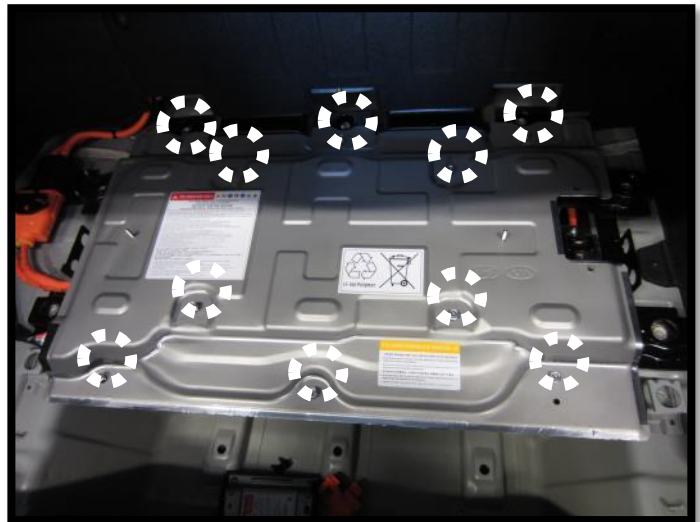
Pull out the Orange Hybrid Battery Safety Plug and place in a safe place.



6. Remove high voltage battery cover bolts (10) using a 10mm wrench and discard the cover.

NOTICE

Tightening torque:
7.8 ~ 11.8 Nm
0.8 ~ 1.2 kgf.m
5.8 ~ 8.7 lb-ft
69 ~ 104 lb-in



7. Install the new high battery voltage cover.

Reinstall all parts back in reverse order and reinstall the battery (-) negative terminal.

Record the customer's radio preset stations for AM/FM/XM onto the head unit.

