 HYUNDAI NEW THINKING. NEW POSSIBILITIES. Technical Service Bulletin	GROUP CAMPAIGN	NUMBER 15-01-037-1
	DATE NOVEMBER 2015	MODEL(S) SONATA (LF), SONATA HYBRID (LF HEV)
SUBJECT: DOOR LATCH REPLACEMENT (SERVICE CAMPAIGN TY1)		

This TSB supersedes TSB# 15-01-037 by revising the parts information and adding a note to install the correct door latch to the appropriate door.

★ IMPORTANT

***** Dealer Stock and Retail Vehicles *****

Dealers must perform this Service Campaign 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: On certain 2015/2016MY Sonata (LF) and 2016MY Sonata Hybrid (LF HEV) vehicles the door latch assembly may not function properly. A cam switch located inside the door latch assembly may detach from the stopper, affecting the lock/unlock functionality of the door(s). In some cases the door(s) may or may not lock/unlock.

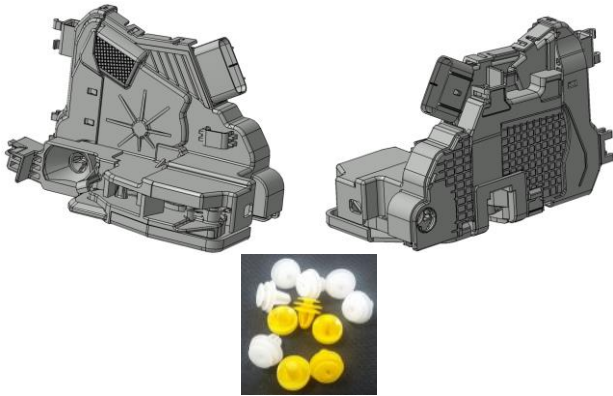
This bulletin describes the procedure to replace the door latch assemblies for all four doors.




Applicable Vehicles: Certain 2015/2016 Sonata (LF) and 16MY Sonata Hybrid (LF HEV).

Circulate To: General Manager, Service Manager, Parts Manager, Warranty Manager, Service Advisors, Technicians, Body Shop Manager, Fleet Repair

PARTS INFORMATION:

PART NAME	PART NUMBER	REMARKS
DOOR LATCH ASSEMBLY KIT		Contents: <ul style="list-style-type: none">- 81310C1000 Front Door Latch Assembly LH- 81320C1000 Front Door Latch Assembly RH- 81410C1000 Rear Door Latch Assembly LH- 81420C1000 Rear Door Latch Assembly RH
	81400-C1000QQH	

One Door latch assembly kit has been sent to the dealership. Additional kits can be ordered through the PDC.

Phillips Head Screwdriver	Flat Head Screwdriver	Trim Tool	GLOVES	GOGGLES
				

**CAUTION**

Wear protective goggles and gloves for protection when performing the procedures in this bulletin.

WARRANTY INFORMATION:

OP CODE	OPERATION	OP TIME
50C062R1	LF HEV DOOR LATCH REPLACEMENT (4EA)	2.1 M/H
50C062R2	LF DOOR LATCH REPLACEMENT (4EA)	2.1 M/H

NOTE: Submit Claim on Campaign Claim Entry Screen

SERVICE PROCEDURE:

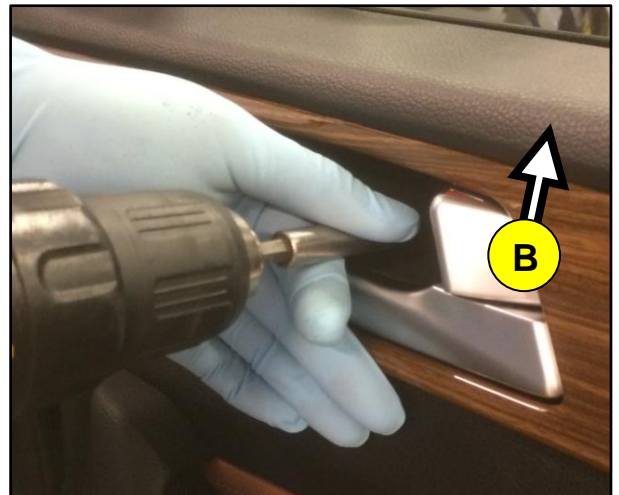
The following procedure is based on the front passenger side door. The procedure for front driver and both rear doors are the same.

1. Open the front passenger side door. Using a trim tool or a flat screwdriver, remove the door inner quadrant trim (A) as shown.

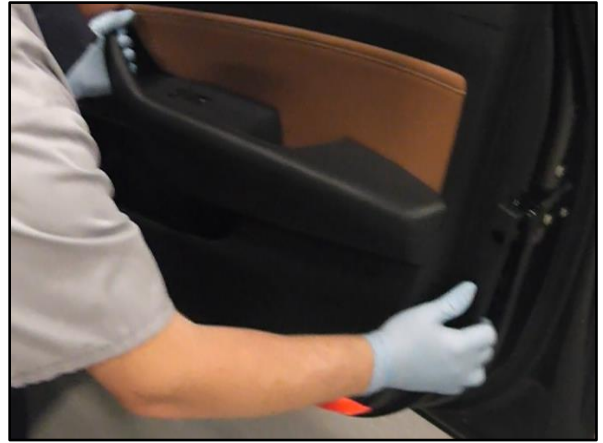


2. Using a Phillips head screwdriver, remove the front door trim panel (B) attachment screws.

NOTE: To gain access to the front door trim panel attachment screws, remove the trim piece behind the inside door handle and the door holder pocket.



3. Remove the front door trim panel assembly and disconnect the attached harness connector.

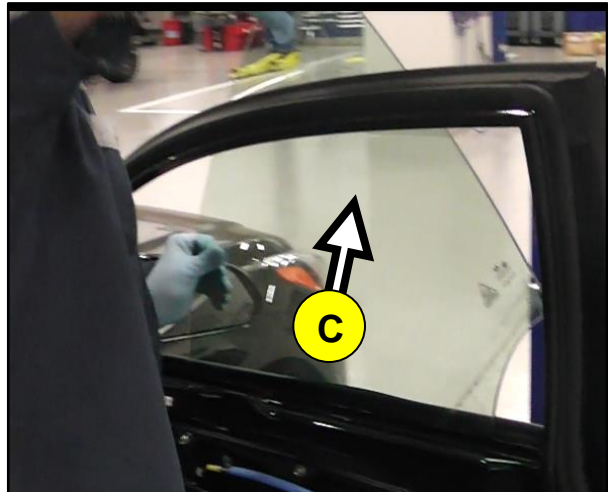


4. Remove the front door glass attachment bolts as shown.

Tightening torque: 7.8 ~ 11.8 Nm (5.8 ~ 8.7 lb-ft)



- 4a. Carefully remove front door glass (C) and set it aside on a clean dry surface.

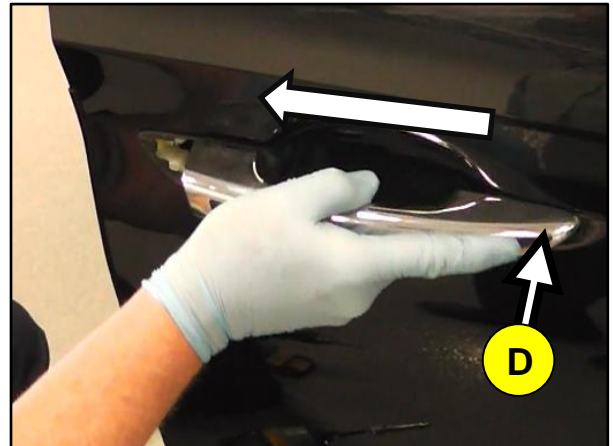


5. Remove the rubber grommet and loosen the outside door handle bolt.

Tightening torque: 6.9 ~ 10.8 Nm (5.1 ~ 8.0 lb-ft)



6. Slide the outside door handle assembly (D) towards the rear of the vehicle and gently remove it from the door assembly.



- 6a. Disconnect the door handle connector using a flat head screwdriver.



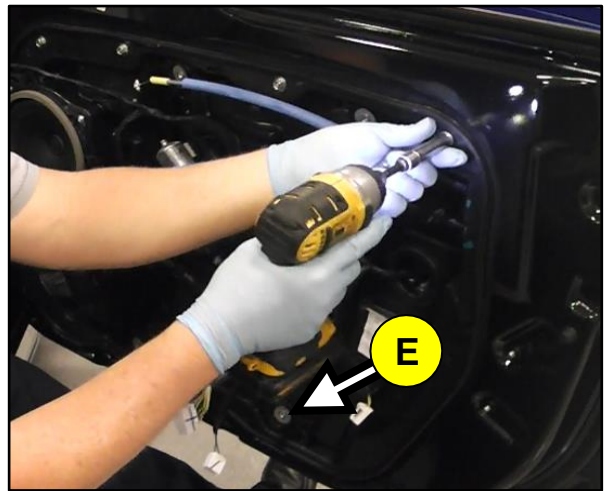
7. Remove the door latch mounting bolts as shown.

Tightening torque: 6.9 ~ 10.8 Nm (5.1 ~ 8.0 lb-ft)



8. Remove the door module panel assembly (E) bolts and disconnect the door harness connector.

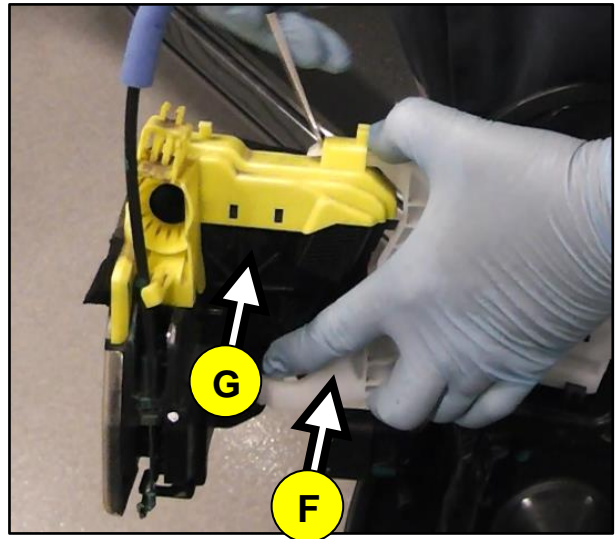
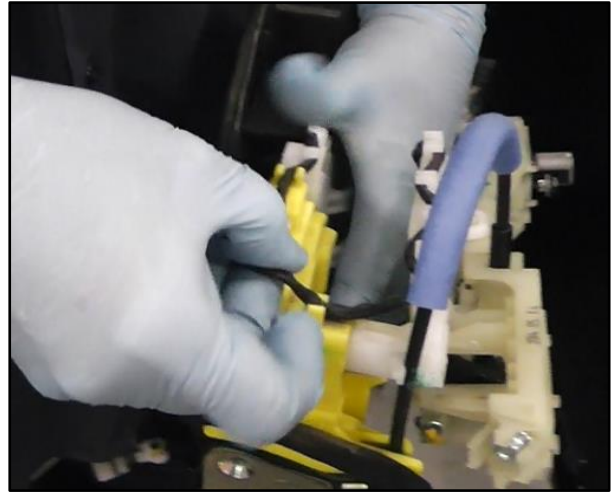
Tightening torque: 7.8 ~ 11.8 Nm (5.8 ~ 8.7 lb-ft)



- 8a. Remove the door module panel assembly and carefully set aside on a clean flat surface.

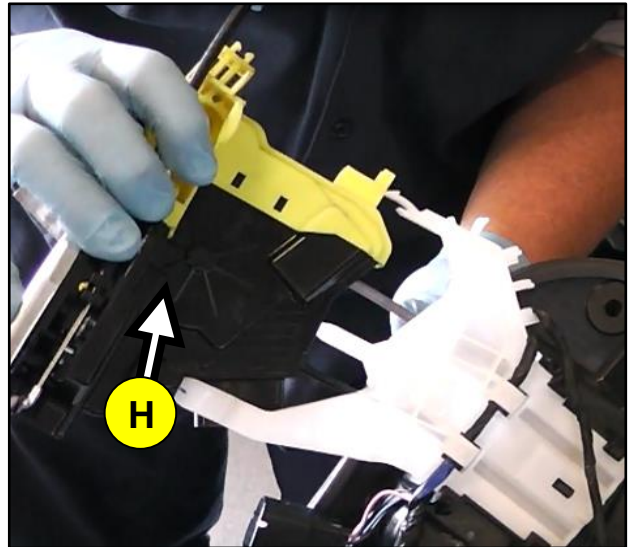


9. Remove the door latch wire harness routing from the plastic routing guide.
10. Unclip the plastic housing (F) from the door latch assembly (G) using a flat head screwdriver.



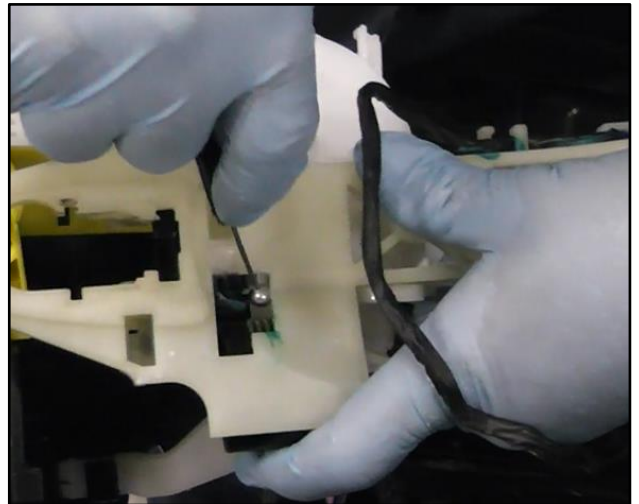
11. Install the replacement front door latch assembly (H) into the door latch housing in the door module panel.

NOTE: Refer to the part number on the latch assembly to ensure proper latch is installed to the appropriate door.



- 11a. Insert the latch cable inside the housing tab to lock the actuator cable.

Reroute all wires as necessary.



12. Once latch installation is complete, carefully install the front door module assembly into the door panel assembly.



13. Reassemble all parts in the reverse order of removal.

Confirm proper operation by checking the below.

1. Slide the side window glass up and down for a few cycles.
2. Using the outside door handles, open and close the door for a few cycles.
3. Using the inside door handle, open and close the door for a few cycles.
4. Confirm door lock/unlock switch operation.

Continue the above steps on the remaining front and rear doors.

NOTE: For the rear doors, before removing the window glass, remove the delta track to facilitate the removal of the door module.

