

**HYUNDAI**NEW THINKING.
NEW POSSIBILITIES.**Technical Service Bulletin**

GROUP

RECALL

NUMBER

13-01-021

DATE

APRIL 2013

MODEL(S)

See Below**SUBJECT: STOP LAMP SWITCH REPLACEMENT (RECALL 110)***** IMPORTANT******* Dealer Stock and Retail Vehicles *****



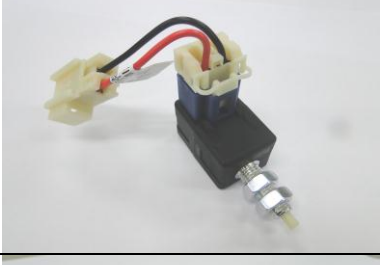


As required by federal law, dealers must not deliver new vehicles for sale or lease to customers until all open recalls have been performed. Dealers must also perform all open recalls on used, demo and rental vehicles prior to placing them into customer use and whenever an affected vehicle is in the 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.

APPLICABLE VEHICLES:

Model	Model Years	Production Date Range
Accent (MC)	2007 – 2009	From Dec. 1, 2006 to Feb. 28, 2009
Elantra Sedan (HD)	2007 – 2010	From May 1, 2007 to Oct. 31, 2010
Genesis Coupe (BK)	2010 – 2011	From Dec. 1, 2008 to Aug. 31, 2010
Santa Fe (CMA)	2007 – 2011	From Apr. 1, 2007 to Jul. 31, 2011
Veracruz (EN)	2008 – 2009	From Dec. 1, 2007 to Feb. 28, 2009
Tucson (JM)	2007 – 2009	From May 1, 2007 to Feb. 28, 2009
Sonata (YFA)	2011	From Dec. 1, 2009 to Jan. 31, 2011

PARTS APPLICATION:

Model	Specification	Replacement Part		
		Part No.	Figure	Connector Color
Elantra Sedan (HD)	With Cruise Control	93810-4DR0AQQH		Gray
	Without Cruise Control (Automatic Transmission)	93810-3KR0AQQH		Gray
	Without Cruise Control (Manual Transmission)	93810-26R0BQQH		Blue (with adapter harness)
Accent (MC)	With Cruise Control	93810-4DR0AQQH		Gray
	Without Cruise Control	93810-3KR0AQQH		Gray

Tucson (JM)	With Cruise Control	93810-4DR0AQQH		Gray
	Without Cruise Control	93810-3KR0AQQH		Gray
Genesis Coupe (BK)	Production Date Dec. 1, 2008 to Mar. 22, 2009	93810-3KR0BQQH		Blue
	Production Date Mar. 23, 2009 to Aug. 31, 2010	93810-3KR0AQQH		Gray
Santa Fe (CMA)	Production Date Apr. 1, 2007 to Apr. 30, 2009	93810-3KR0BQQH		Blue
	Production Date May 1, 2009 to July 31, 2011	93810-3KR0AQQH		Gray

SUBJECT:**STOP LAMP SWITCH REPLACEMENT (RECALL 110)**

Veracruz (EN)	Non-Adjustable Pedal	93810-3KR0AQQH		Gray
	Adjustable Pedal	93810-3KRWAQQH		Gray (inc. ground wire)
Sonata (YFA)	With or Without Cruise Control	93810-3SR0AQQH		Gray (Flange nut type)

WARRANTY INFORMATION:

OP CODE	OPERATION	OP TIME
31C017R0	STOP LAMP SWITCH REPLACEMENT	0.3 M/H
31C017R1	STOP LAMP SWITCH REPLACEMENT AND GROUND WIRE ADDITION	0.3 M/H

NOTE: Submit Claim on Campaign Claim Entry Screen

SUBJECT: STOP LAMP SWITCH REPLACEMENT (RECALL 110)

SERVICE PROCEDURE:

Turn the ignition switch to the OFF position and set the parking brake.

Move the driver's seat to the most rearward position and if equipped, tilt the steering wheel to the upmost position.

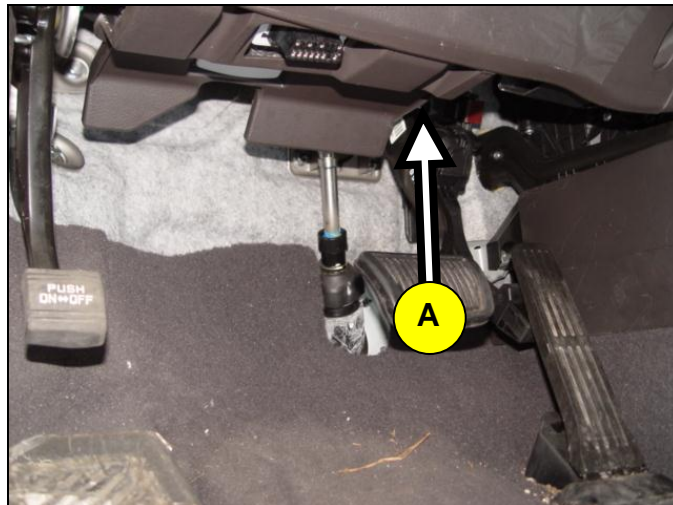
Locate the stop lamp switch (A) above the brake pedal assembly.

Go to the page for the applicable model:

Page 5: Genesis Coupe and Santa Fe

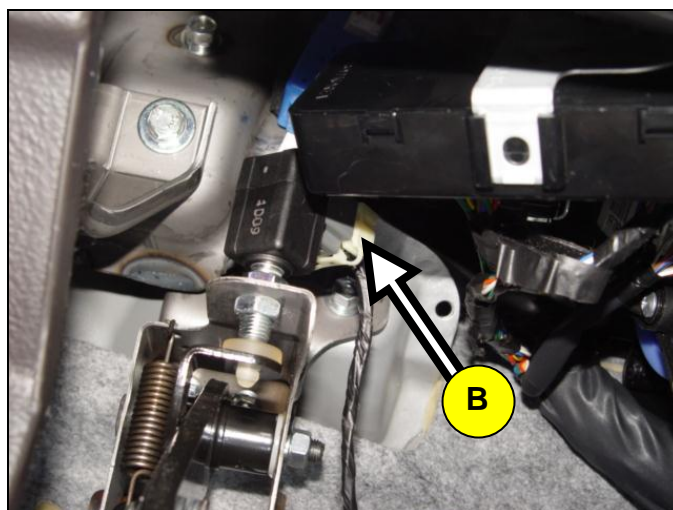
Page 8: Accent, Elantra Sedan, Veracruz, and Tucson

Page 11: Sonata



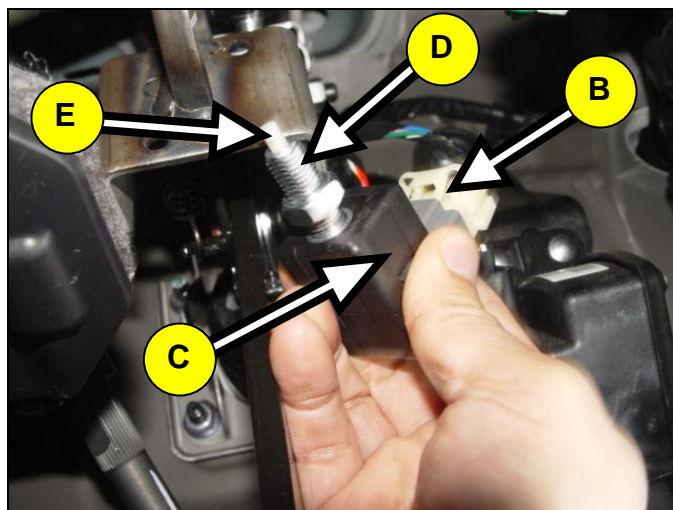
Genesis Coupe (BK) and Santa Fe (CMA) ONLY

1. Disconnect the stop lamp switch connector (B).



2. Connect the new stop lamp switch (C) with the connector (B).

3. Ground the threaded part (D) of the new stop lamp switch to a near chassis ground and confirm that the stop lamp switch operates normally by depressing and releasing the plunger (E).



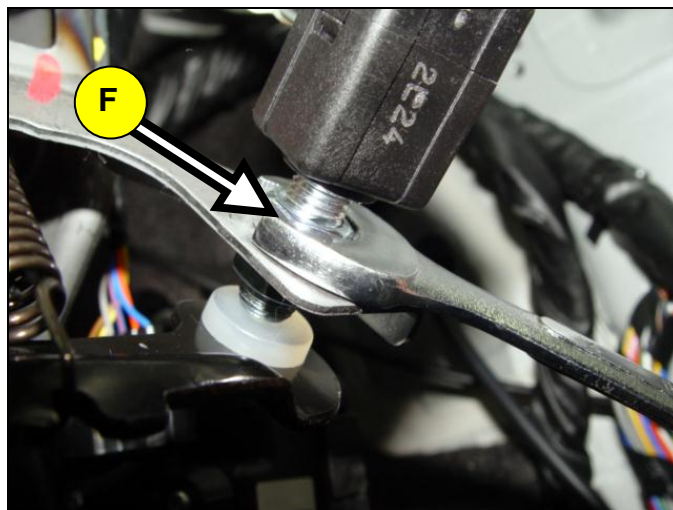
Depressing the plunger, the brake lights will turn off. Releasing the plunger, the brake lights will turn on.

SUBJECT: STOP LAMP SWITCH REPLACEMENT (RECALL 110)

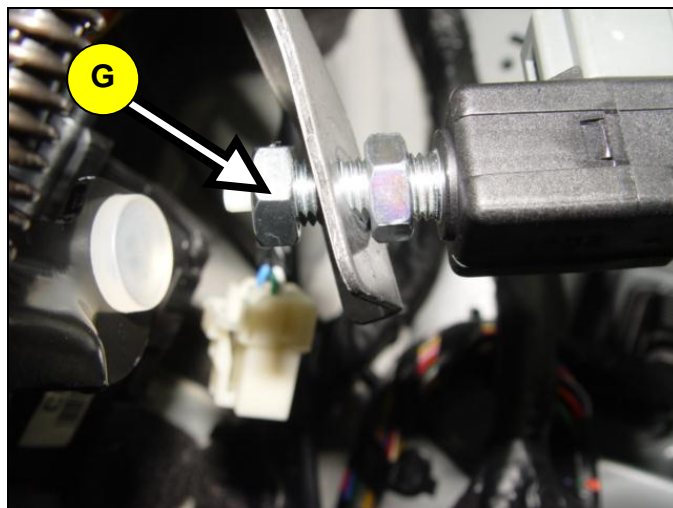
If the stop lamp switch does not operate normally, use the alternative part as shown in the table below.

Model	Replacement Part		Alternative Part	
	Part No.	Connector Color	Part No.	Connector Color
Genesis Coupe	93810-3KR0BQQH	Blue	93810-3KR0AQQH	Gray
	93810-3KR0AQQH	Gray	93810-3KR0BQQH	Blue
Santa Fe	93810-3KR0BQQH	Blue	93810-3KR0AQQH	Gray
	93810-3KR0AQQH	Gray	93810-3KR0BQQH	Blue

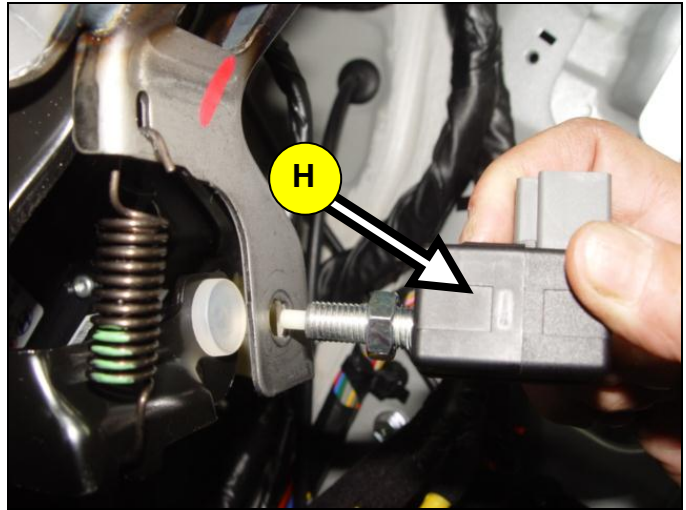
4. Loosen the upper mounting nut (F) of the current stop lamp switch.



5. Remove the lower mounting nut (G) of the current stop lamp switch.



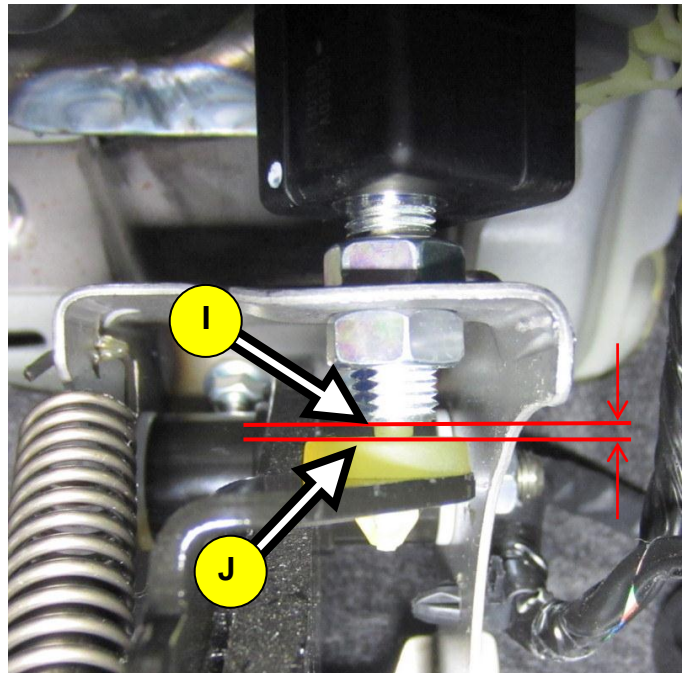
6. Remove the stop lamp switch assembly (H), and install the new stop lamp switch in reverse order of removal.



7. Without the brake pedal applied, adjust the gap between the end of the metal threaded housing of the stop lamp switch (I) and the stop lamp switch stopper (J).

Gap Specification:

1.0 ~ 2.0 mm (0.04 ~ 0.08 in)



8. Tighten the upper and lower mounting nuts.

Lower mounting nut torque specification:

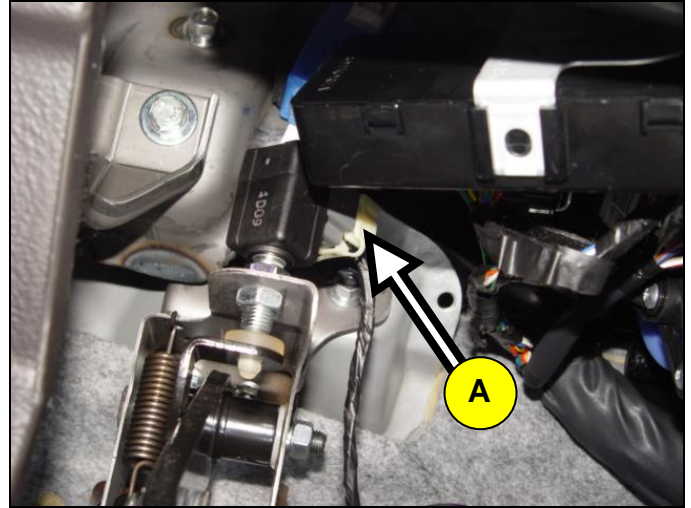
5.8 ~ 7.2 lb-ft (0.8 ~ 1.0 kgf.m, 7.8 ~ 9.8 Nm)

9. Verify that the rear brake lamps operate normally when applying the brake pedal.

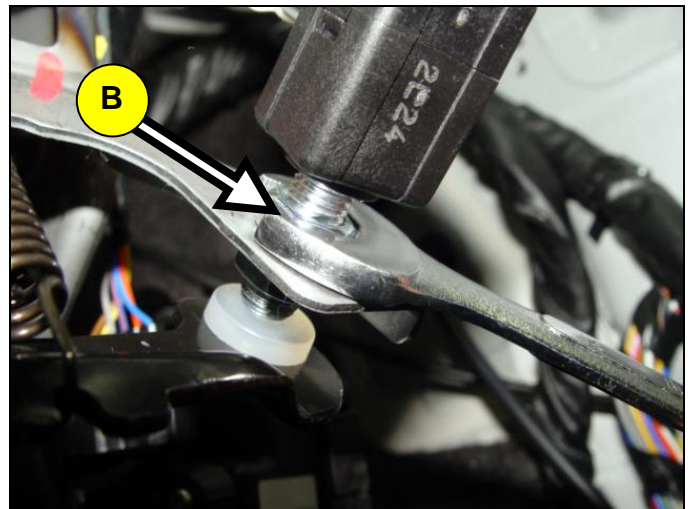
SUBJECT: STOP LAMP SWITCH REPLACEMENT (RECALL 110)

Accent (MC), Elantra Sedan (HD), Veracruz (EN), Tucson (JM) ONLY

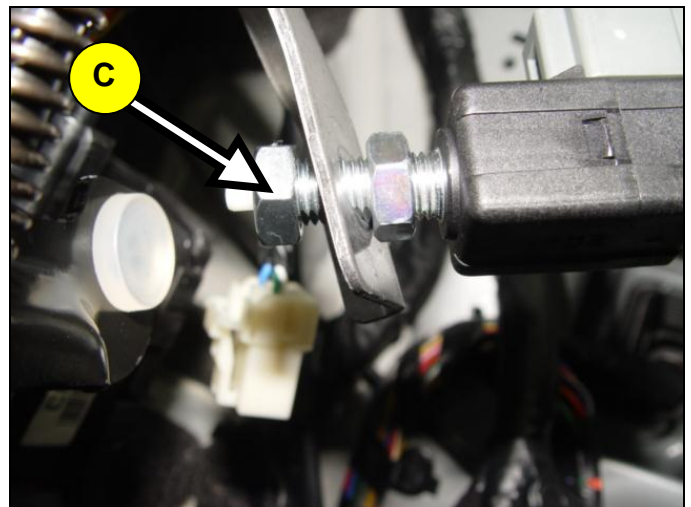
1. Disconnect the stop lamp switch connector (A).



2. Loosen the upper mounting nut (B).



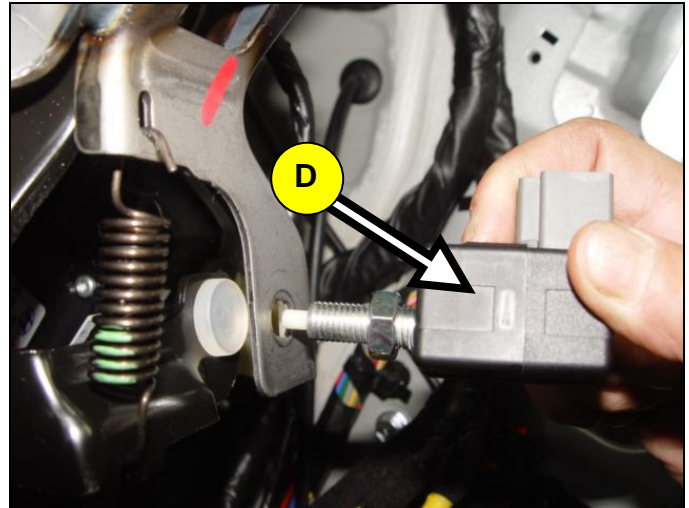
3. Remove the lower mounting nut (C).



4. Remove the stop lamp switch assembly (D), and install the replacement stop lamp switch in reverse order of removal.

★ NOTE

-Elantra (HD):
If the original stop lamp switch is the 2-pin type, use part number 93810-26R0BQQH which includes the adapter harness.



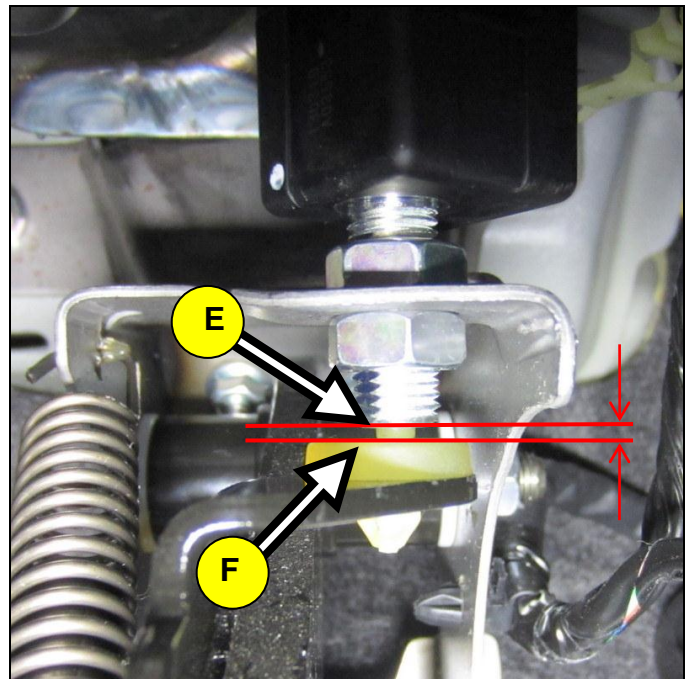
★ NOTE

For a Veracruz (EN) equipped with adjustable pedals, install the ground wire according to the procedures on page 10; "Installation of ground wire for Veracruz (EN) with adjustable pedals". After installation of the ground wire, complete the stop lamp switch installation from step 5 on page 9.

5. Without the brake pedal applied, adjust the gap between the end of the metal threaded housing of the stop lamp switch (E) and the stop lamp switch stopper (F).

Gap Specification:

1.0 ~ 2.0 mm (0.04 ~ 0.08 in)



6. Tighten the upper and lower mounting nuts.

Lower mounting nut torque specification:

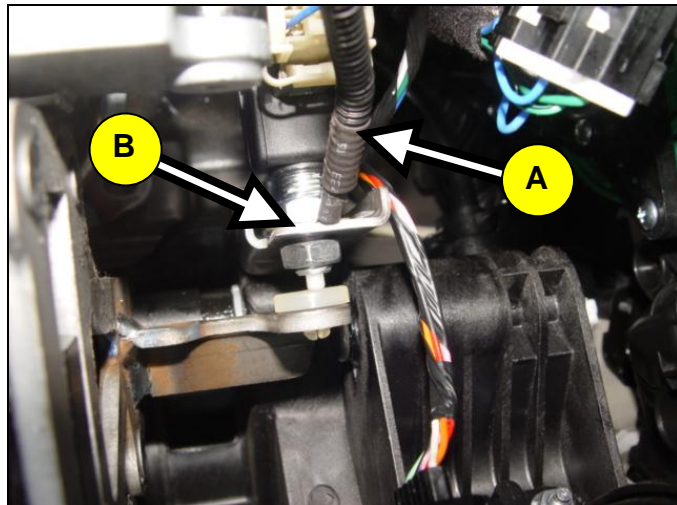
5.8 ~ 7.2 lb-ft (0.8 ~ 1.0 kgf.m, 7.8 ~ 9.8 Nm)

7. Verify that the rear brake lamps operate normally when applying the brake pedal.

SUBJECT: STOP LAMP SWITCH REPLACEMENT (RECALL 110)

Installation of ground wire for Veracruz (EN) with adjustable pedals

1. Connect one end of the ground wire (A) to the bottom of the upper mounting nut (B).



2. Route the ground wire (C) as shown.



CAUTION

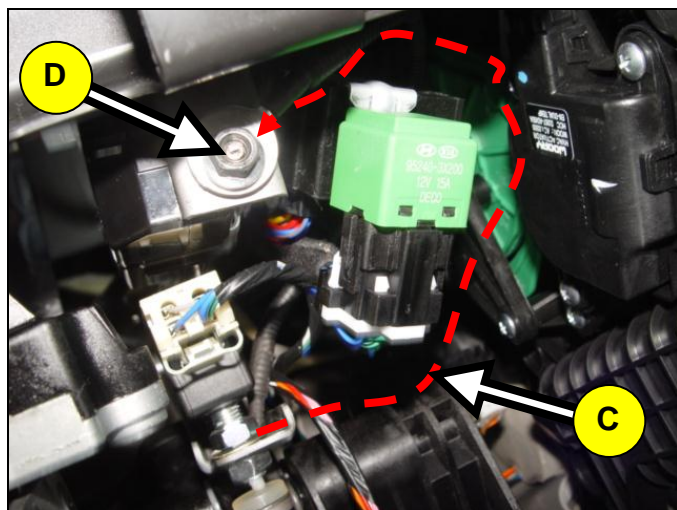
Make sure that the ground wire does not interfere with the brake and accelerator pedals.

3. Connect the other end of the ground wire using the nut on the bracket (D) located above the stop lamp switch.

Nut torque specification:

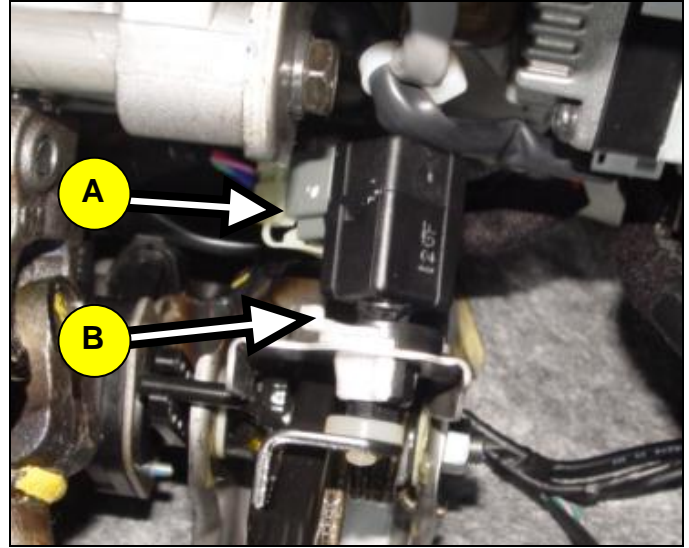
3.6 ~ 4.3 lb-ft (0.5 ~ 0.6 kgf.m, 4.9 ~ 5.9 Nm)

4. Return to step 5 on page 9 to complete the stop lamp switch installation.

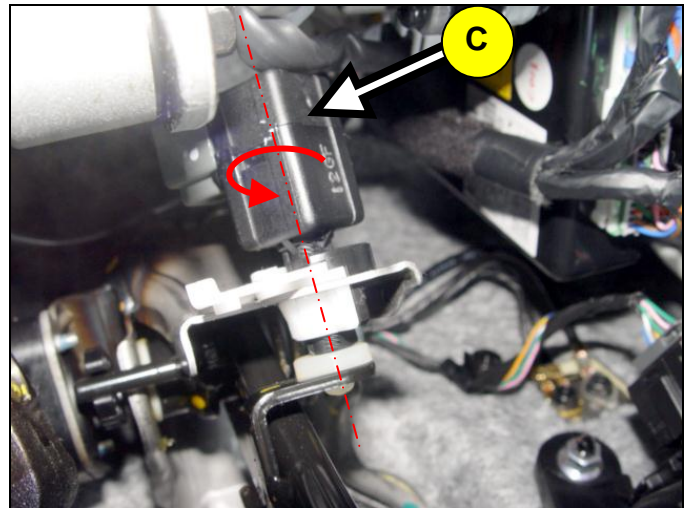


Sonata (YFA) ONLY

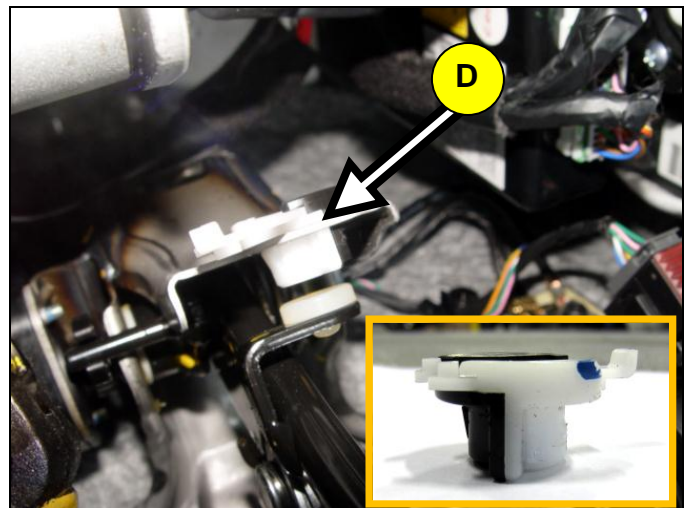
1. Disconnect the stop lamp switch connector (A) and slide out the locking tab (B).



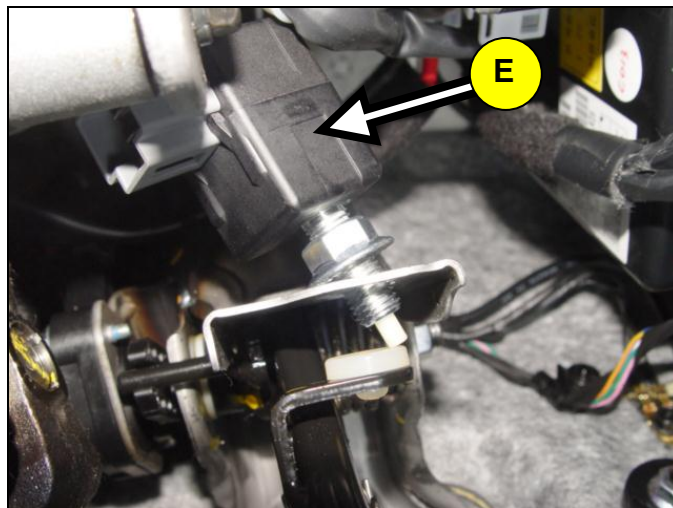
2. Rotate the stop lamp switch (C) clockwise to unlock and remove it.



3. Pry out the plastic locking mount (D) with a flathead screw driver and discard.



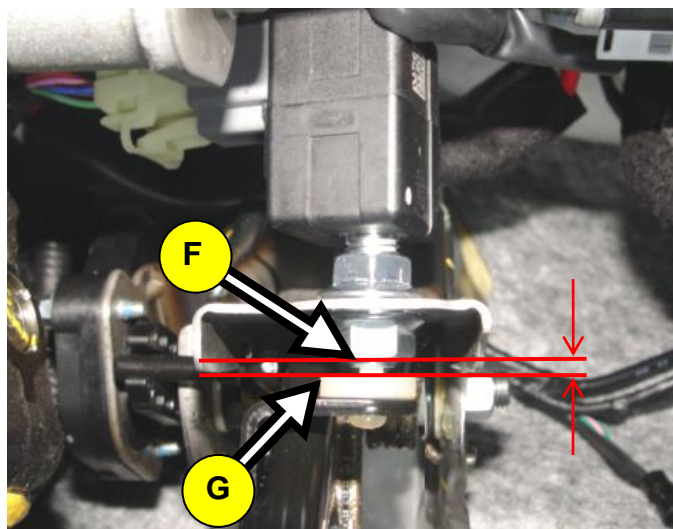
4. Locate the replacement stop lamp switch (E) and fasten the upper and lower mounting flange nuts.



5. Without the brake pedal applied, adjust the gap between the end of the metal threaded housing of the stop lamp switch (F) and the stop lamp switch stopper (G).

Gap Specification:

1.0 ~ 2.0 mm (0.04 ~ 0.08 in)



6. Tighten the upper and lower mounting flange nuts.

Lower mounting flange nut torque specification:

5.8 ~ 7.2 lb-ft (0.8 ~ 1.0 kgf.m, 7.8 ~ 9.8 Nm)

7. Verify that the rear brake lamps operate normally when applying the brake pedal.