



**HYUNDAI**

NEW THINKING.  
NEW POSSIBILITIES.

## Technical Service Bulletin

GROUP

**CAMPAIGN**

NUMBER

**16-01-039**

DATE

**SEPTEMBER 2016**

MODEL(S)

**Elantra (MD/UD)**

**SUBJECT:** 2013 ELANTRA (MD/UD) BRAKE PEDAL STOPPER REPLACEMENT  
(RECALL CAMPAIGN 146)

### ★ IMPORTANT

#### \*\*\* Retail Vehicles \*\*\*

Dealers must perform this Recall 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:** The brake pedal stopper pad is located between the stop lamp switch and the brake pedal arm. The brake pedal stopper pad material in the affected vehicles can deteriorate allowing the stop lamp switch plunger to remain extended when the brake pedal is released. A deteriorated pad can result in the stop lamps illuminating continuously, illumination of the traction control warning lamp, the ability to move the shift lever without depressing the brake pedal, or activation of the engine management system's brake pedal override feature.

Any of the described symptoms can increase the risk of a crash.




#### Applicable Vehicles:

**2013 MY Elantra (MD) vehicles produced by Hyundai Motor Company in Korea (VIN beginning with a "K") from December 01, 2012 through February 19, 2013**

**2013 MY Elantra (UD) vehicles produced by Hyundai Motor Manufacturing Alabama (VIN beginning with a "5") from January 23, 2013 through April 30, 2013**

**Part Information:**

Part Name	Part Number	Qty.
Stopper-Rubber		1
	32876-4B000QQH	

**Tools & Equipment Required:**

Tool Name	Image	Remark
Clip / Trim Tool		

**Warranty Information:**

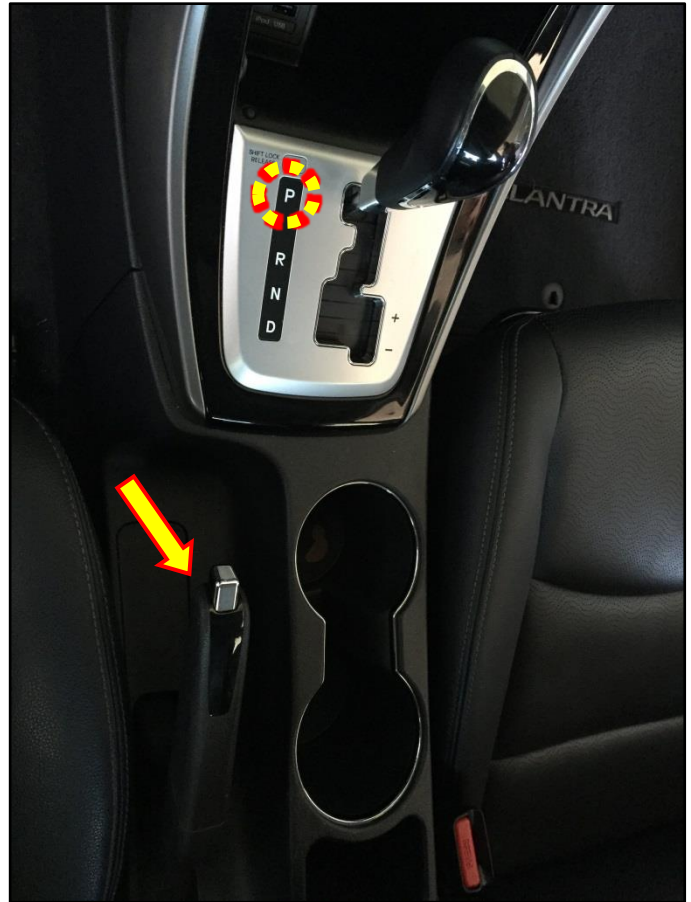
Op Code	Operation	Op Time
61C072R0	Stopper-Rubber Replacement	0.3 M/H

**NOTE 1:** Submit Claim on Campaign Claim Entry Screen

**NOTE 2:** If a part is found in need of replacement while performing Recall 146 and the affected part is still under warranty, submit a separate claim using the same Repair Order. If the affected part is out of warranty, submit a Prior Approval Request for goodwill consideration prior to performing the work.

**Service Procedure:**

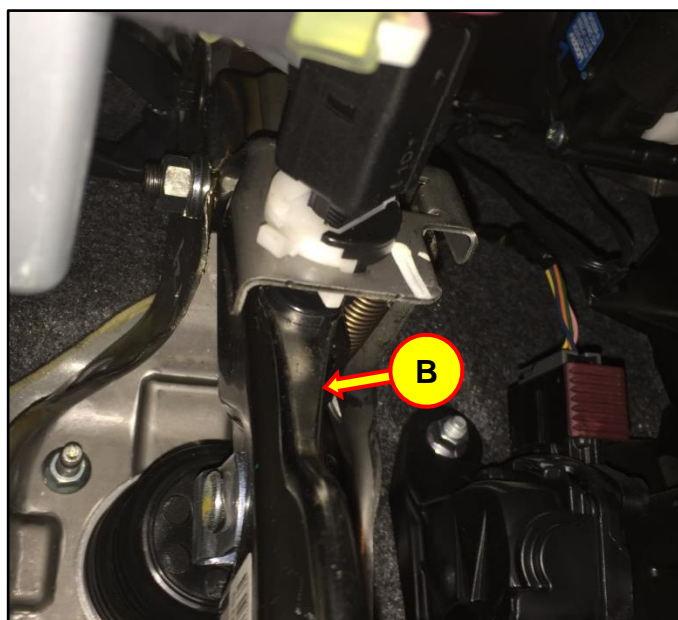
1. Confirm that the shift lever is in Park (P) for automatic transmission or in Neutral (N) for manual transmission.
2. Apply the parking brake and start the engine.
3. Press and hold the brake pedal to access the stopper.



4.        The stopper (A) is mounted on the brake pedal, in-line with the stop lamp switch.



5.        Insert the clip/trim tool (B) between the stopper and brake pedal as shown. Then carefully pry off the stopper.



6.        Destroy the removed stopper by cutting the nub off. Discard the pieces.





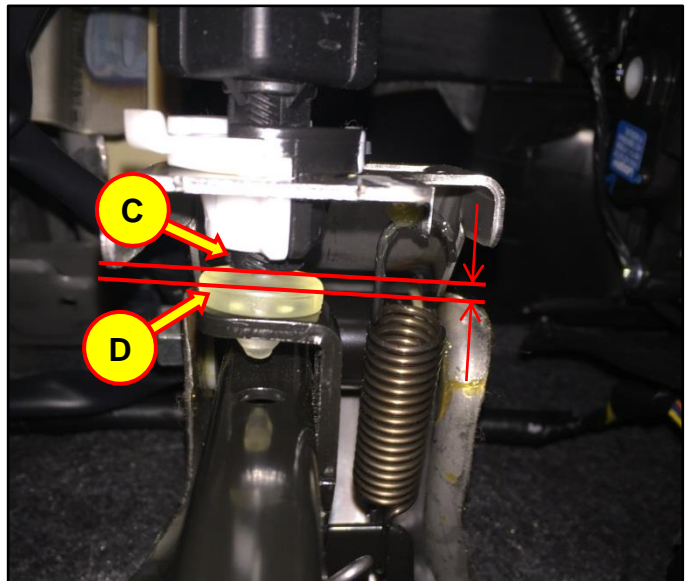
7. Install a new stopper by pressing it into place.



8. Without the brake pedal applied, adjust the gap between the end of the threaded housing of the stop lamp switch (C) and the stopper (D).

**Gap Specification:**

1.0 ~ 2.0 mm (0.04 ~ 0.08. in)



9. After replacing the stopper, check for proper function of the brake lamps. When applying the brake pedal, the brake lamps should illuminate. After releasing the pedal, the brake lamps should extinguish.
10. ESC MIL may be illuminated during this procedure for DTC C1513 Brake Switch Error. This is because with the stopper removed, the brake switch is ON but there is no brake pressure. This DTC is set under those conditions if the switch is on for over 60 seconds.

If the MIL lamp is ON, cycle the ignition to extinguish the lamp. If lamp is not extinguished, check the DTC using GDS, and clear if the code is C1513.

If there is a DTC other than C1513, perform the appropriate diagnostic service and claim under warranty.