



HYUNDAI

NEW THINKING.
NEW POSSIBILITIES.

Technical Service Bulletin

GROUP

CAMPAIGN

NUMBER

14-01-040

DATE

OCTOBER 2014

MODEL(S)

SANTA FE (SM)

SUBJECT:

**SANTA FE (SM) FRONT COIL SPRING PROTECTOR
(RECALL CAMPAIGN 124)**

★ IMPORTANT

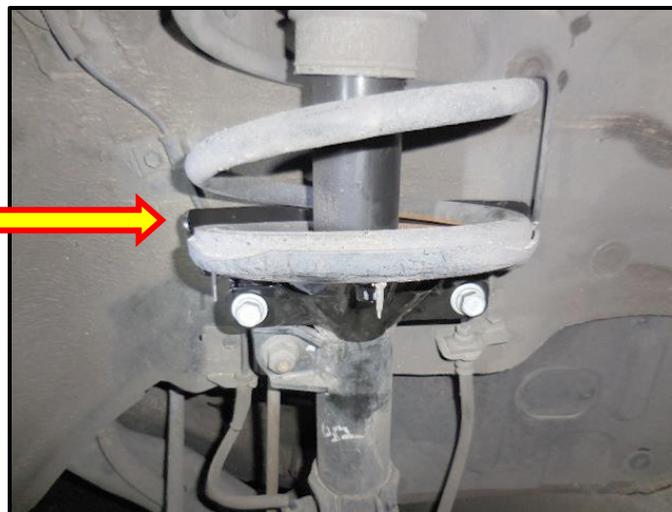
***** RETAIL VEHICLES ONLY *****

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: This bulletin describes the procedure to install front coil spring protectors to prevent the spring from contacting the tire in the event the coil spring fractures. A fractured coil spring can make contact with the tire, potentially resulting in a tire puncture and increasing the risk of a crash.

Coil spring
protector



Applicable Vehicles: 2001~2006 Santa Fe vehicles produced from Jan. 1, 2000 to March 21, 2006.

Area:

Salt belt states: Connecticut, Delaware, Illinois, Indiana, Iowa, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, West Virginia, Wisconsin, and the District of Columbia.

★ IMPORTANT

Vehicles that have relocated into a "salt belt" area and/or vehicles registered in a "non salt belt" state and driven in a "salt belt" area are eligible for this campaign procedure. If it is determined that an owner of a vehicle within the affected VIN production date range relocates or has operated their vehicle in a "salt belt" area, the dealer should perform the campaign procedure. The dealer should perform this procedure at no cost to the customer, and the dealer's District Parts and Service Manager must be contacted prior to repair and submission of Warranty Claim.

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

Parts Information:

Part Name	Image	Remarks
Spring Protector Kit	 <p style="text-align: center;">Part #: 54631-26000-QQH</p>	<p>Contents:</p> <ul style="list-style-type: none"> 1) 2 x Inner Spring Protector 2) 2 x Outer Spring Protector 3) 4 x Bolt/Washer Assy 4) 2 x Bolt 5) 2 x Lock Washer 6) 2 x Nut

Warranty Information:

Model	Op. Code	Operation	Op. Time
SM Santa Fe	41C051R0	Front Spring Protector Installation	0.4 M/H

NOTE: Submit Claim on Campaign Claim Entry Screen

Service Procedure:

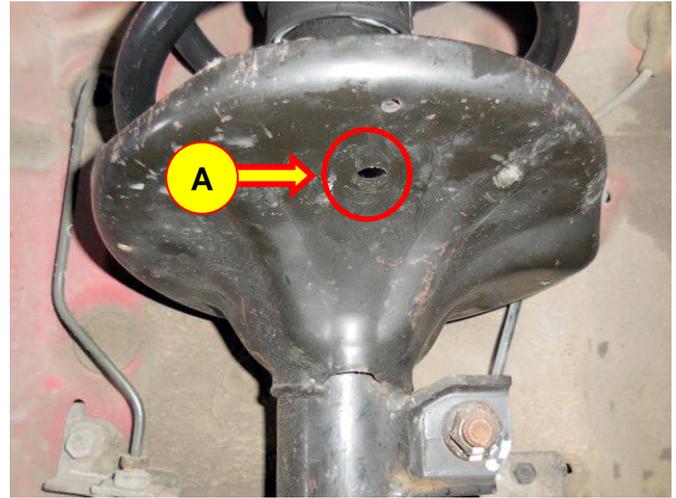
- Lift the vehicle on a hoist and remove the front wheel assemblies.

NOTICE

Tightening torque: 65.1~79.6 lb-ft (88.2~107.8 Nm, 9.0~11.0 kgf.m)



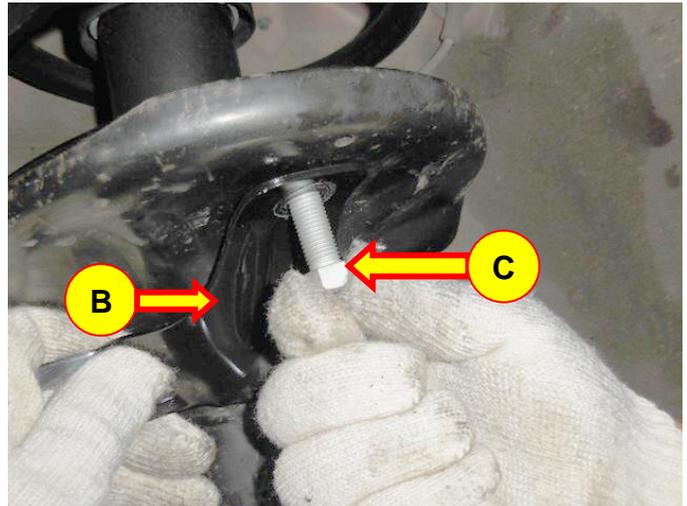
2. Starting on the left side strut, locate the spring perch hole (A).



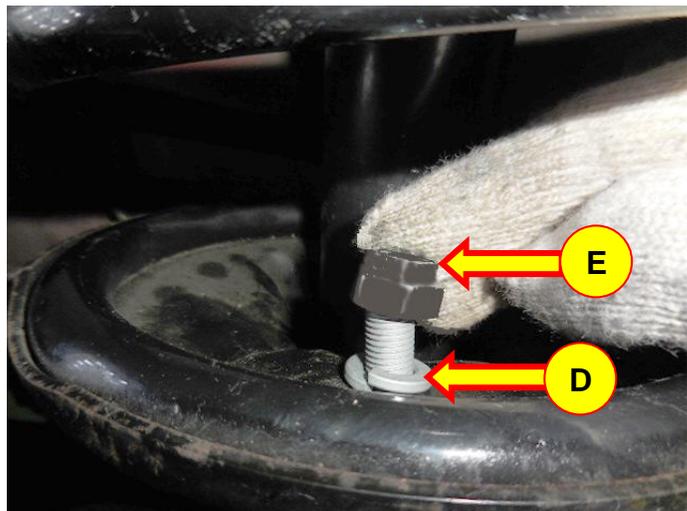
3. Align the outer spring protector (B) with the spring perch hole and **insert the bolt (C) from the bottom of the spring perch.**

⚠ WARNING

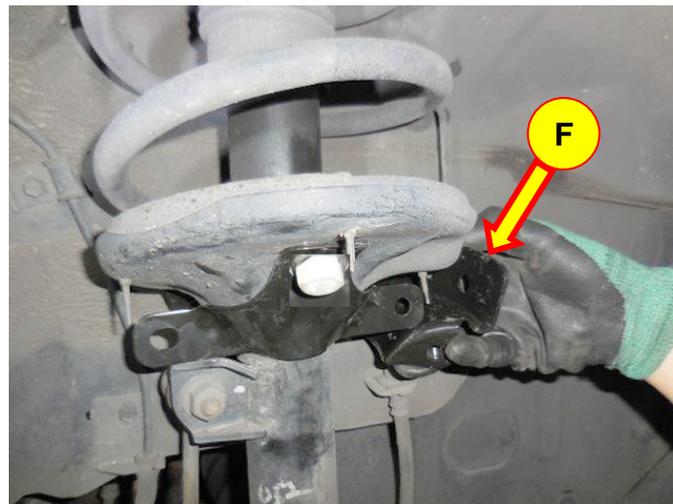
Insert the bolt *by hand*. DO NOT insert the bolt by using a socket or other tool. Doing so may remove the paint from the bracket surface.



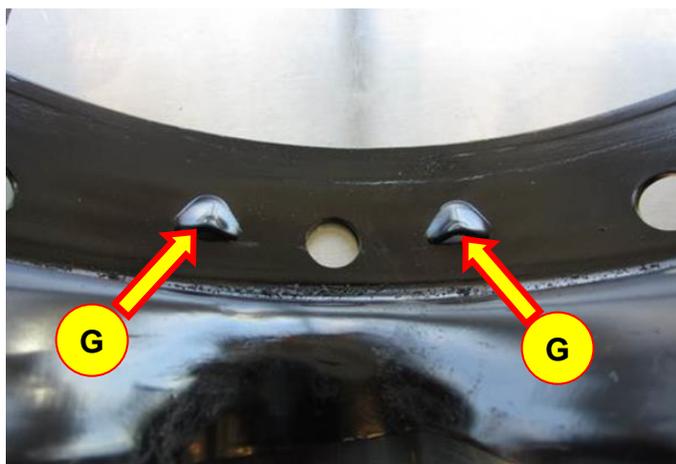
4. Loosely install the lock-washer (D) and nut (E) on the top side of the spring perch.



5. Position the inner spring protector (F) between the body and the strut.



- 5a. When placing the spring protector into position, the two triangular “teeth” (G) must sit on top of the strut spring perch lip.



6. Loosely install the bolt/washer assemblies to hold the inner spring protector to the outer spring protector.



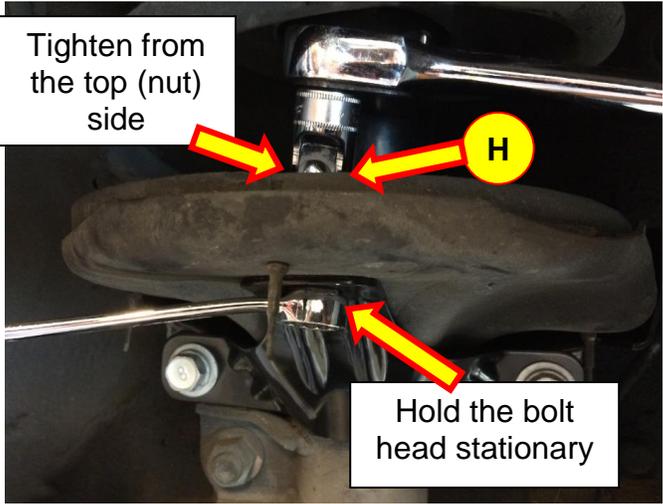
7. Tighten the outer spring protector nut (H) first.

WARNING

Hold the bolt head stationary while tightening the nut. DO NOT tighten from the bolt head. Doing so may remove the paint from the bracket surface.

NOTICE

Tightening torque: 43.4~50.6 lb-ft (58.8~68.6 Nm, 6.0~7.0 kgf.m)



8. Tighten the protector bolts (I).

NOTICE

Tightening torque: 43.4~50.6 lb-ft (58.8~68.6 Nm, 6.0~7.0 kgf.m)



9. Reinstall the wheel/tire assembly.

NOTICE

Tightening torque: 65.1~79.6 lb-ft (88.2~107.8 Nm, 9.0~11.0 kgf.m)

- 10a. After installing the spring protectors, **measure to verify that the clearance between the tire and the bolt head is at least 10mm.**

⚠ CAUTION

Minimum clearance between tire and bolt: 10 mm



- 10b. If snow chains are used, the minimum clearance between the chain and the bolt head is 10mm.

Measure the gap to verify the specification is met.

⚠ CAUTION

Minimum clearance between snow chain and bolt: 10 mm



11. Repeat steps 2-10 on the right side of the vehicle.
12. Test drive the vehicle to confirm there is no interference between the tire and the spring protector.