



**HYUNDAI** | NEW THINKING.  
NEW POSSIBILITIES.

## Technical Service Bulletin

|                                         |                                                |
|-----------------------------------------|------------------------------------------------|
| GROUP<br><b>Driveshaft<br/>and Axle</b> | NUMBER<br><b>12-DS-002</b>                     |
| DATE<br><b>MAY 2012</b>                 | MODEL(S)<br><b>CM Santa Fe<br/>EN Veracruz</b> |

SUBJECT: SANTA FE (CM), VERACRUZ (EN) DRIVE SHAFT NOISE

**Description:** Some customers may report a slight creak or popping noise from the front of the vehicle when accelerating from a stop, either forwards or reverse. This bulletin describes the service procedure to replace the drive shaft washers with revised washers.



### Applicable Vehicles:

CM Santa Fe (Korean-built) – From August 28, 2006 to March 5, 2012 production  
 CMA Santa Fe (US-built) – From August 28, 2006 to April 10, 2012 production  
 EN Veracruz – SOP to March 5, 2012 production

### Parts Information:

| IMAGE                                                                              | PART NAME          | PART NUMBER     | REMARK                    |
|------------------------------------------------------------------------------------|--------------------|-----------------|---------------------------|
|  | Drive Shaft Washer | 51755-2B020-FFF | 2 washers per part number |

### Warranty Information:

| Model | Op Code  | Operation                      | Op Time | Causal Part # | Nature Code | Cause Code |
|-------|----------|--------------------------------|---------|---------------|-------------|------------|
| CM/EN | 51755F01 | Drive Shaft Washer Replacement | 0.6 M/H | 51755         | N29         | C09        |

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

**Service Procedure:**

1. Lift the vehicle on a hoist and remove the front wheel and tire assembly (A).

**\* NOTE**

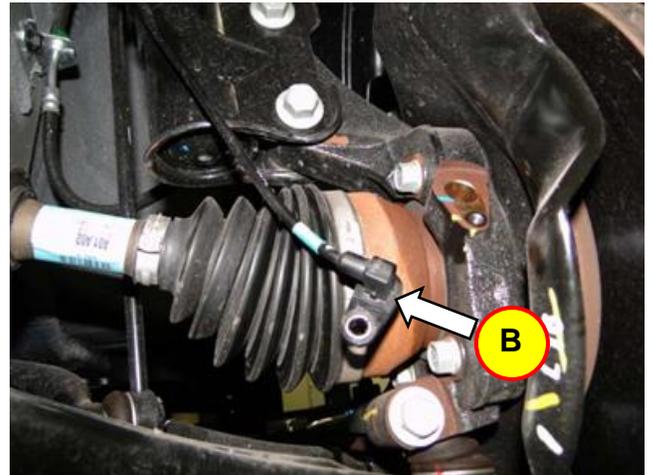
Lug nut tightening torque:  
88.3~107.9 Nm (9.0~11.0 kgf.m,  
65.1~79.6lb-ft)



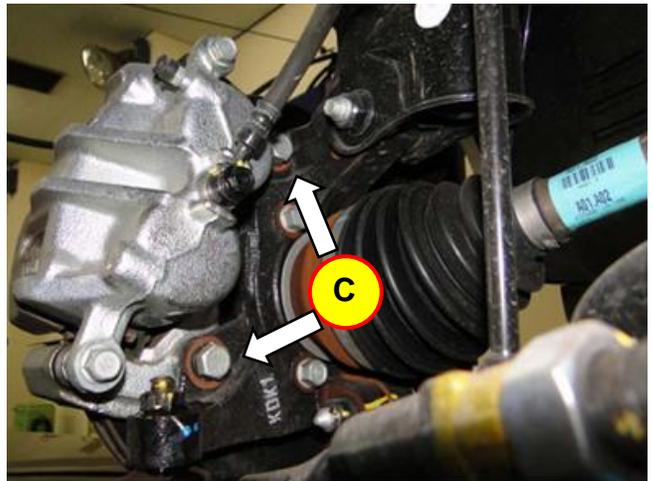
2. Remove the front wheel speed sensor (B).

**\* NOTE**

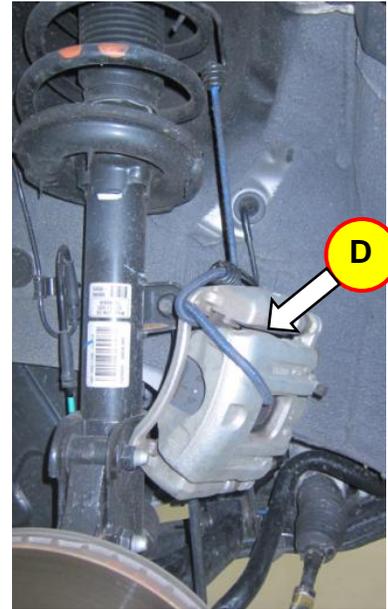
Tightening torque:  
0.5~0.6 kgf.m (4.9~5.8Nm, 3.7~4.3lb-ft)



3. Remove the brake caliper by removing the mounting bolts (C).



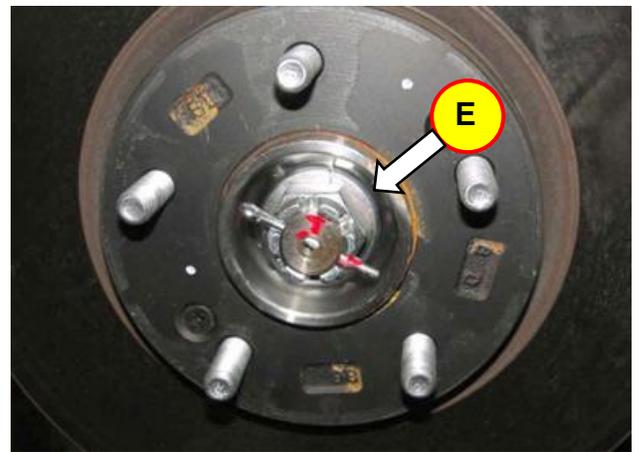
4. Suspend the caliper (D) so no stress is placed on the brake lines.



5. Remove the split pin, then the hub nut and washer (E).

**\* NOTE**

Tightening torque:  
20~28 kgf.m (196.2~274.5 Nm,  
144.7~202.5 lbf.ft)



**\* NOTE**

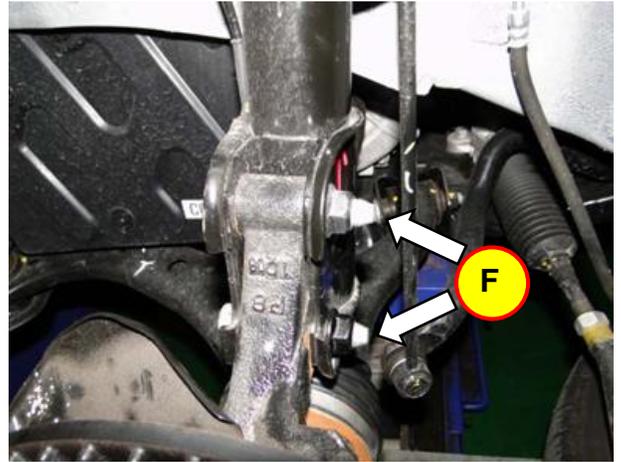
The washer is installed with the convex surface facing outward (against the hub nut).  
Make sure to install the washer in the correct orientation when reassembling.



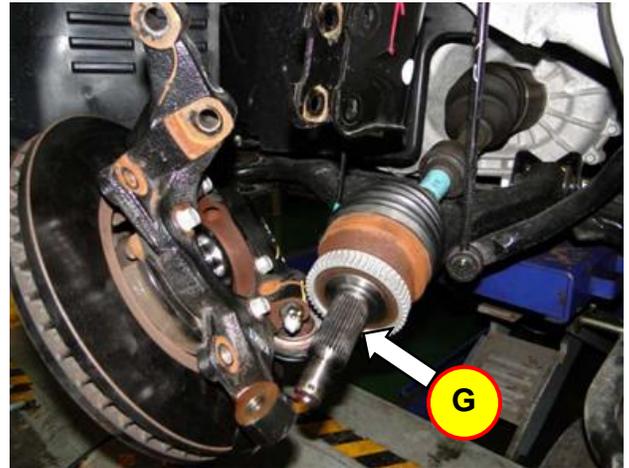
6. Remove the lower strut mounting bolt & nuts (F).

**\* NOTE**

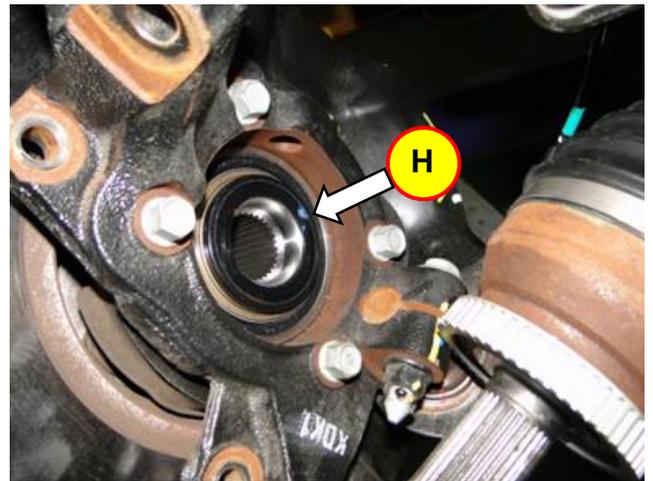
Tightening torque:  
15.5~17.5 kgf.m (152.0~171.6 Nm,  
112.2~126.5 lbf.ft)



7. Separate the drive shaft (G) and the knuckle assembly.



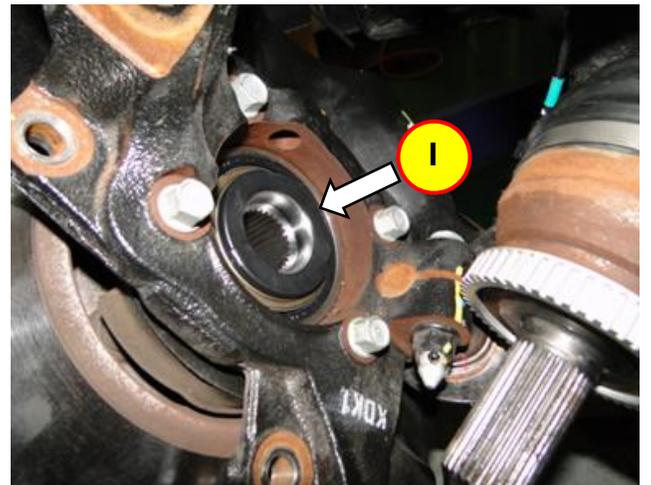
8. Remove and discard the plastic washer (H) from the front axle hub.



Washer has been removed from the axle hub.



9. Install the replacement drive shaft washer (I).



10. Reinstall all removed parts (except for wheel and tire assembly) in reverse order of removal.
11. Repeat steps 1 through 10 for the other side of the vehicle.