 HYUNDAI NEW THINKING. NEW POSSIBILITIES. Technical Service Bulletin	GROUP Driveshaft and Axle	NUMBER 12-DS-002
	DATE MAY 2012	MODEL(S) CM Santa Fe EN Veracruz
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**

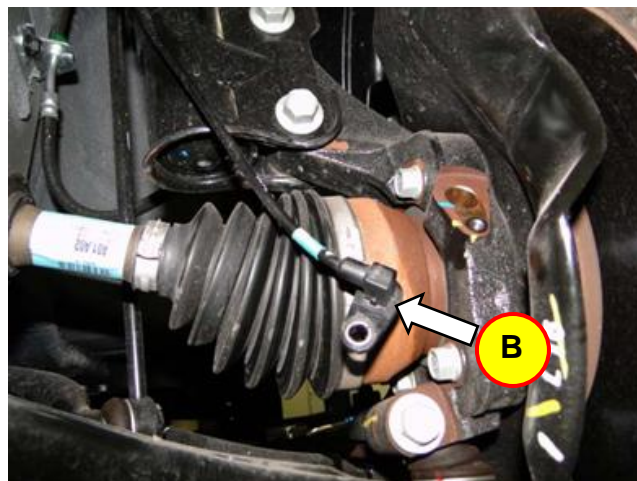
Lug nut tightening torque:
88.3~107.9 Nm (9.0~11.0 kgf.m,
65.1~79.6lb-ft)



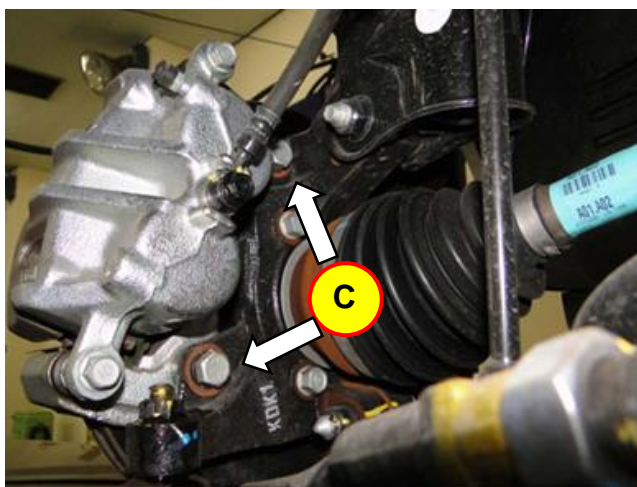
2. Remove the front wheel speed sensor (B).

*** NOTE**

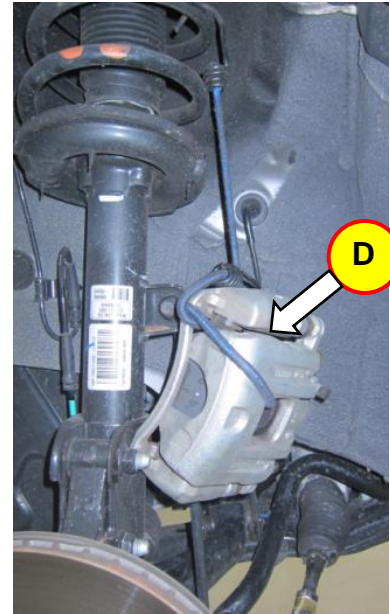
Tightening torque:
0.5~0.6 kgf.m (4.9~5.8Nm, 3.7~4.3lb-ft)



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



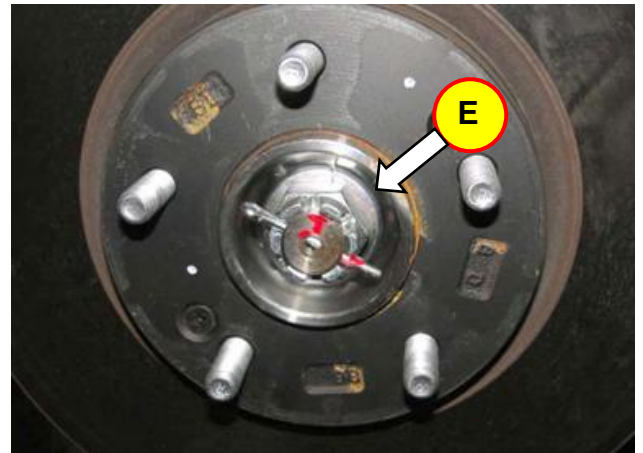
4. Suspend the caliper (D) so no stress is placed on the brake lines.



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**

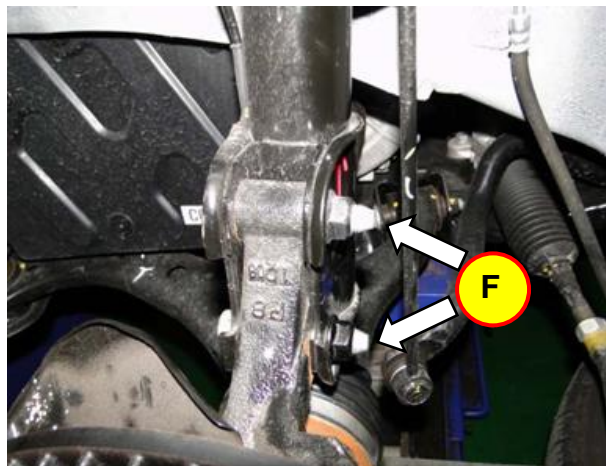
The washer is installed with the convex surface facing outward (against the hub nut).
Make sure to install the washer in the correct orientation when reassembling.



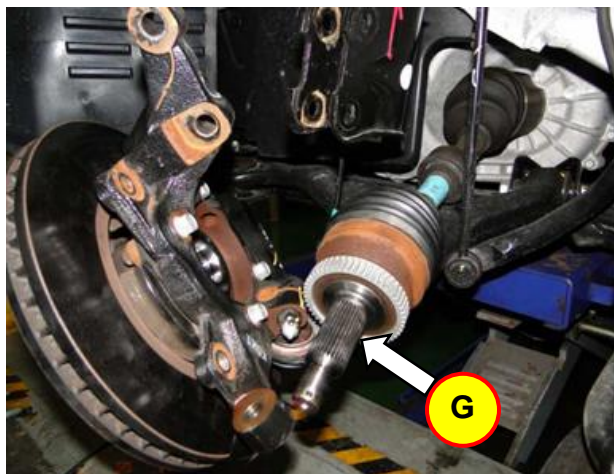
6. Remove the lower strut mounting bolt & nuts (F).

*** NOTE**

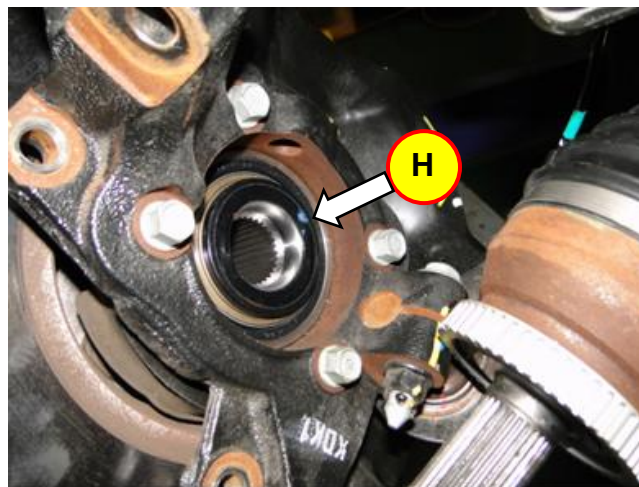
Tightening torque:
15.5~17.5 kgf.m (152.0~171.6 Nm,
112.2~126.5 lbf.ft)



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



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

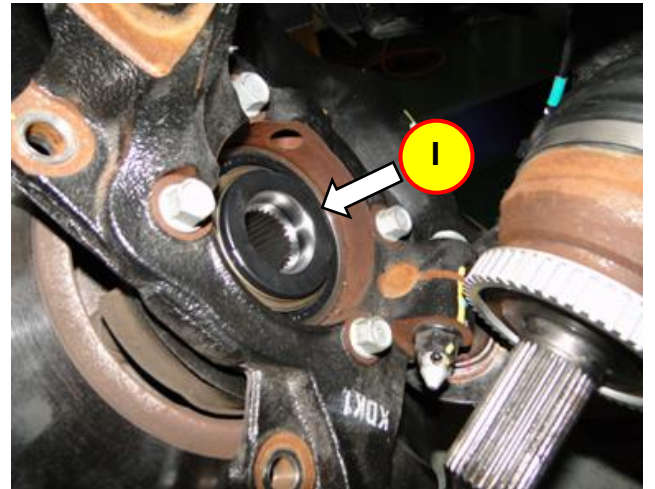


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Washer has been removed from the axle hub.



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.