



HYUNDAI Technical Service Bulletin

Group	CHASSIS
Number	06-50-015
Date	DECEMBER, 2006
Model	ENTOURAGE

Subject	FRONT STRUT NOISE
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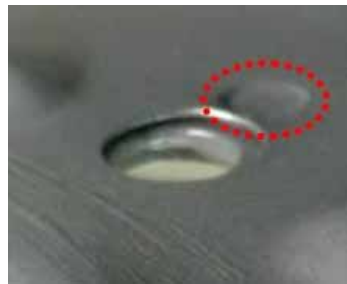
CIRCULATE TO:	<input type="checkbox"/> GENERAL MANAGER	<input checked="" type="checkbox"/> PARTS MANAGER	<input checked="" type="checkbox"/> TECHNICIAN
<input checked="" type="checkbox"/> SERVICE ADVISOR	<input checked="" type="checkbox"/> SERVICE MANAGER	<input checked="" type="checkbox"/> WARRANTY MGR	<input type="checkbox"/> SALES MANAGER

DESCRIPTION:

Some ENTOURAGE vehicles may exhibit a "clicking/ratcheting" noise from the front struts while driving on a bumpy road. This noise may be caused by an interference between the insulator bolts and the fender apron panel resulting from improperly seated strut insulator bolts and/or interference from a spot weld or sealant as shown.



Uneven gap



Spot weld



Sealant

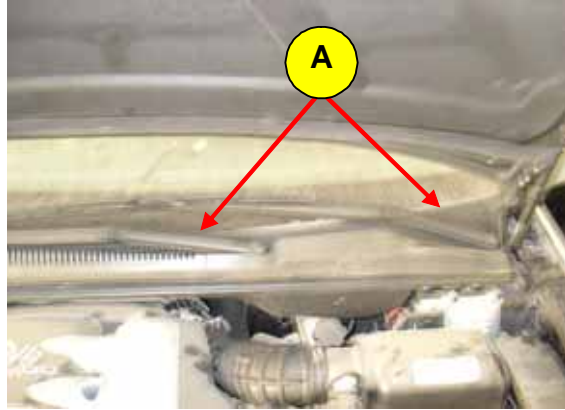
To correct this condition, follow the service procedure provided in this bulletin.

AFFECTED VEHICLES:

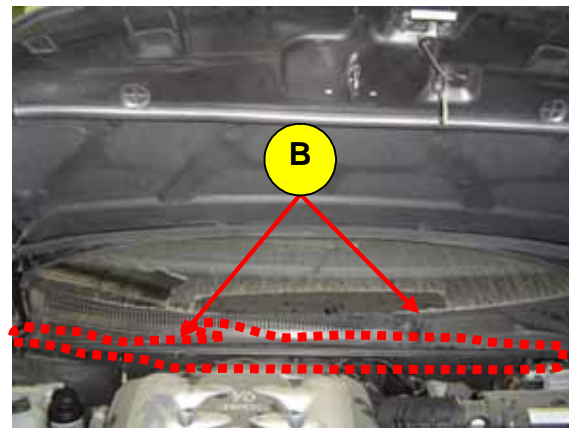
- Model: ENTOURAGE (EP)
- Affected vehicle production date range: Produced through March 31, 2006

PROCEDURE:

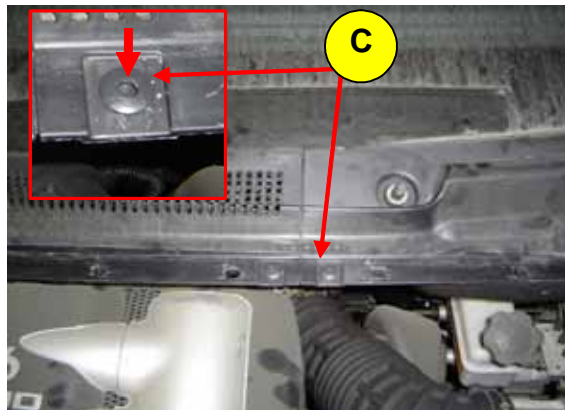
1. Remove both wiper blades (A).



2. Remove the cowl trim weatherstrips (B).

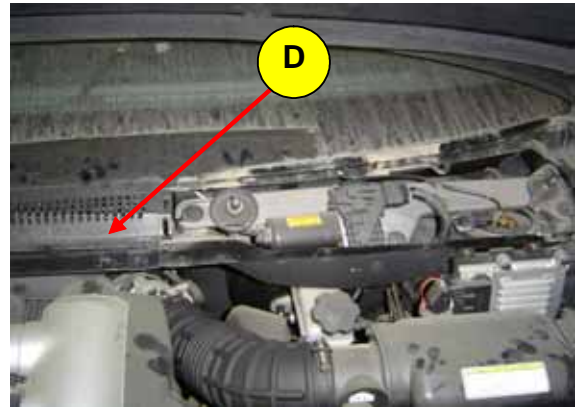


3. Remove four cowl trim fixing fasteners by pushing down their center pins.

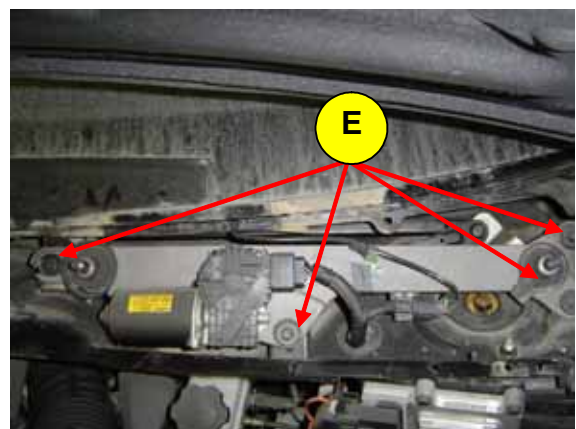




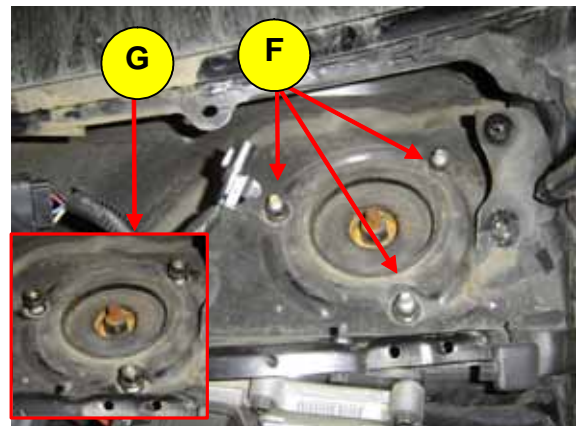
4. Remove the left cowl trim and then remove the right cowl trim (D).



5. Remove the wiper motor by loosening four mounting bolts (E).



6. Loosen the front strut mounting nuts (F) slightly so the strut assembly can be moved to center it in the fender apron as necessary, as shown in (G).



7. Align the front strut insulator bolts in the center of each fender apron panel hole by rocking the vehicle from side to side.



8. Retighten the front strut insulator nuts and **torque** them to **52.8 lb-ft (7.3 kgf-m)**, which exceeds the specification shown in the shop manual.

NOTE: The shop manual torque is: 32.5 ~ 43.4 lb-ft (4.5 ~ 6.0 kgf-m)

9. Test drive the vehicle.
10. If the "clicking/ratcheting" noise is not heard, install all remaining parts in the reverse order of removal.
11. If the "clicking/ratcheting" noise is heard from the front struts, replace the front strut insulators.

NOTE: Follow the strut insulator replacement procedure given in the ENTOURAGE (EP) shop manual.



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WARRANTY INFORMATION:

OP CODE	OP NAME	OP TIME	NATURE	CAUSE
54795F00	Front strut insulator bolt retightening (Both sides)	0.8 M/H	*N29	**C29
54795F01	Front insulator bolt retightening & Front insulator replacement (One side)	1.5 M/H		
54795F02	Front insulator bolt retightening & Front insulator replacement (Both sides)	2.1 M/H		

***N29: Abnormal noise**

****C29: Improper tightening**