Technical Service Bulletin

Group
50 - Chassis
Number
02-50-010
Date
08-2002
Model
***Santa Fe** 2001-2002*

Subject
2001-2002 Santa Fe Front Stabilizer Bar Bushing and Bracket Replacement - Noise Repair Procedure

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DESCRIPTION:

Some 2001 MY and 2002 MY Santa Fe vehicles may experience a "knocking" or "squawking" noise from the front suspension while driving the vehicle over rough road surfaces at low speeds. This noise may originate from the front stabilizer bar bushing. This bulletin provides a procedure to correct this condition.

VEHICLES AFFECTED:

- Model: 2001-2002 SANTA FE
- Affected vehicle production date range: Produced through April 12, 2002
- Affected VIN range: Produced through KM8SC73D22U278297

PARTS INFORMATION:

PART NAME	PART NUMBER		QTY
	PREVIOUS	NEW	
Bushing - front stabilizer			2
	54813-26000	54813-26100	
Bracket - front stabilizer			2
	54815-3A000	54815-26100	

INTERCHANGEABILITY: Code A **Previous** **New**

PROCEDURE:

NOTE

- **Verify that the vehicle is affected by identifying the vehicle production date and VIN.**
- **Apply this procedure to both the right and left sides.**

1. Record the customer's preset radio stations.
2. Open and secure the hood.
3. Disconnect the negative battery cable.
4. Remove the power steering oil reservoir from the mounting bracket.
5. Remove the power steering return hose tie wrap at the location shown.

6. Remove the steering column universal joint lower mounting bolt.

NOTE

Make sure to place alignment marks between the universal joint and gear box for reassembly.

7. Lift the vehicle on a hoist.
8. Remove the engine under cover.
9. Remove the exhaust front pipe.

10. Remove the crossmember at the front and rear roll stoppers.

NOTE

Do not disconnect the transaxle and engine support mounts.

11. Support the front suspension crossmember assembly on a frame supporter.
12. Remove the crossmember mounting bolts (4 each).
13. Slowly lower the crossmember assembly a maximum of 3 inches with the supporter.

NOTE

- **A 3 inch clearance is sufficient to access the stabilizer bar bracket upper nut.**
- **While lowering the frame, check that there is no interference with adjacent parts.**
- **If the vehicle is a 4WD, do not support the frame assembly on the transfer case.**
- **If you lower the frame assembly more than 3 inches, disconnect all parts between the crossmember and the body.**

14. Remove the front stabilizer bar bracket and bushing.

15. Install the new front stabilizer bar bushing and bracket.
16. Replace the stabilizer bar bushing and bracket on the other side.
17. Reinstall all removed components in the reverse order of removal.
18. Torque all bolts using the torque specification provided in the following table and appropriate shop manuals.

TORQUE SPECIFICATION:

ITEM	Nm	Kg.cm	Lb.ft
Steering universal joint assembly	15 - 20	150 - 200	11.1 - 14.8
Front roll stopper insulator bolt and nut	50 - 65	500 - 650	36 - 47
Rear roll stopper insulator bolt and nut	50 - 65	500 - 650	36 - 47
Crossmember mounting bolts	160 - 200	1600 - 2000	118 - 147
Stabilizer bar bushing bracket bolt	45 - 55	450 - 550	33 - 41

WARRANTY INFORMATION:

OP CODE	OPERATION	OP TIME	CAUSAL PART NUMBER	NATURE CODE	CAUSE CODE
54813R0F	2WD both sides - front stabilizer bar bushing and bracket replacement	1.2 M/H	54813-26000 (Bushing - front stabilizer)	*N29	**C10
54814R0F	4WD both sides - front stabilizer bar bushing and bracket replacement				

***N29: Abnormal noise**

**C10: Weakened