

Select Vehicle | New TSBs | Technician's Reference

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Conversion Calculator

2000 Lexus ES 300 V6-3.0L (1MZ-FE)

Vehicle Level → Steering and Suspension → Suspension → Technical Service Bulletins → All Technical Service Bulletins → Suspension - Knocking Noise Under Floor In Rear ←

Suspension - Knocking Noise Under Floor In Rear

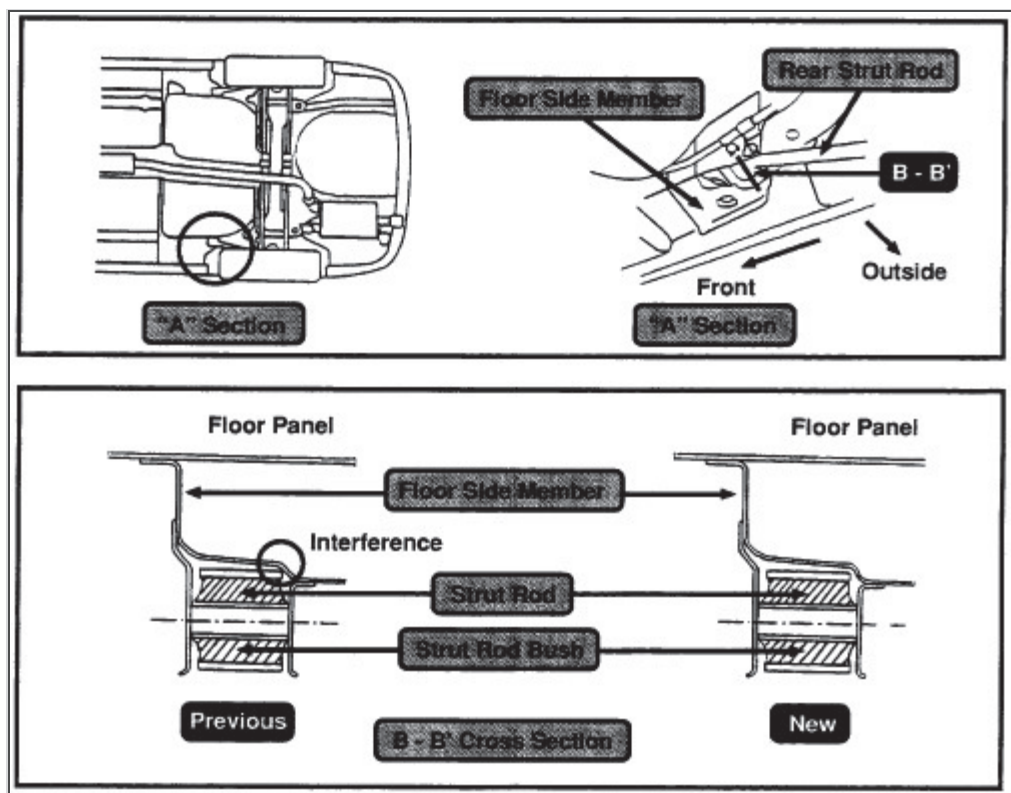
NO.: SU005-96

REF: SUSPENSION

DATE: NOVEMBER 29, 1996

Title: KNOCKING NOISE UNDER FLOOR IN REAR

MODEL: ES 300



Zoom

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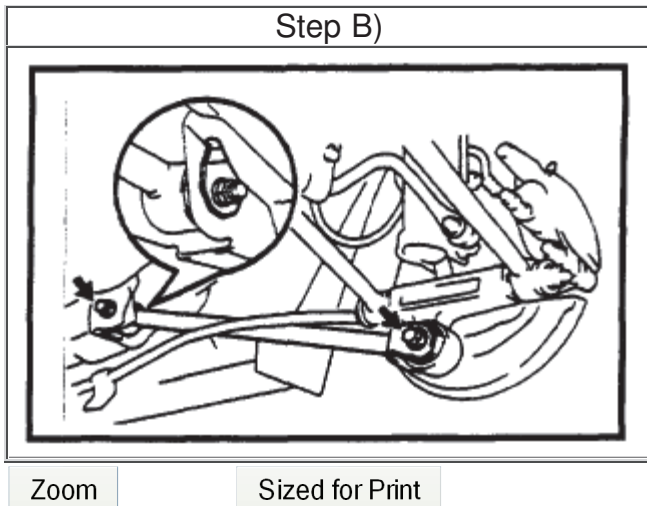
To eliminate a knocking noise heard under the floor in the rear, caused by interference between the rear floor side member and the front end of the rear strut rod, the clearance between the side member and the rear strut rod has been increased.

PRODUCTION EFFECTIVE

Starting VIN: JT8BF22G-V0002236

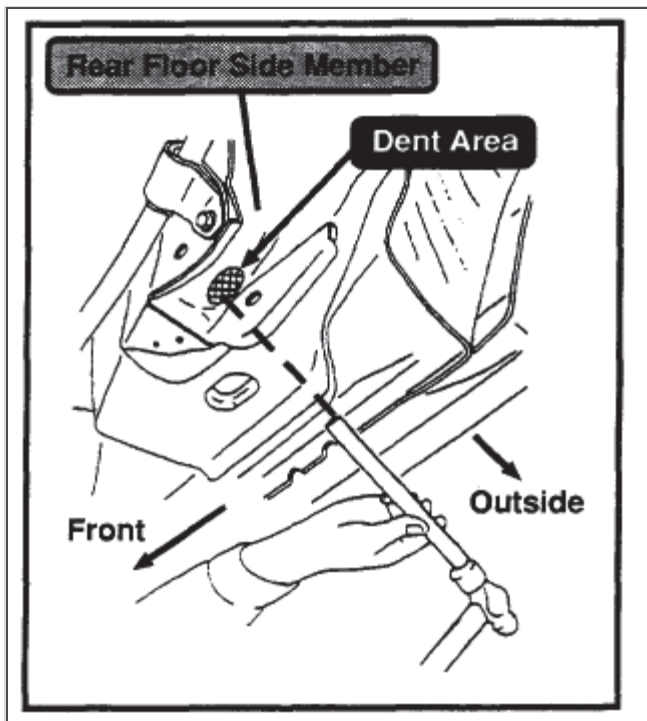
FIELD FIX PROCEDURE:

1. Raise vehicle on hoist.



2. Remove rear strut rod.

- a) Remove the bolt and disconnect the parking brake cable.
- b) Remove the two bolts and nuts.
- c) Remove the strut rod.



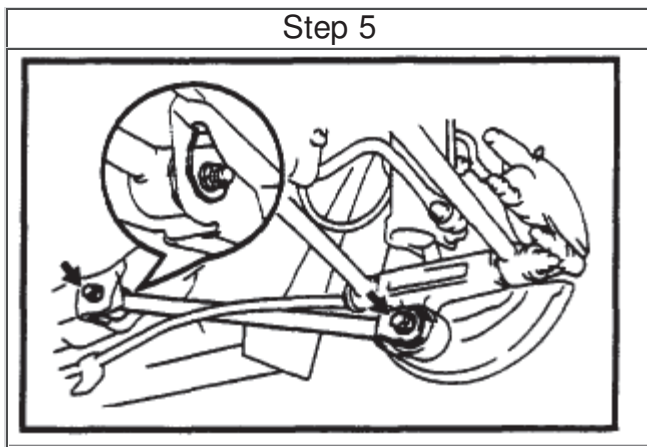
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3. Using a brass bar and a hammer, dent the cross hatched area of the rear floor side member by about 1-2 mm in order to increase the clearance between the front end of the rear strut rod and the side member. There may be a shiny area where the strut rod has made metal-to-metal contact.

NOTE: Make sure that the end of the brass bar is smooth and rounded to prevent damage to the vehicle floor.

4. Apply a rust preventive sealer to the area that has been modified.



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5. Reinstall the rear strut rod with the two bolts and nuts

NOTE: Do not torque the bolts until the vehicle is lowered and the suspension has been stabilized.

6. Reinstall the parking brake cable with the bolt.

Torque: 5.4 Nm (55 KG cm, 48 in.lb)

7. Lower the vehicle, stabilize the suspension at ride height, then torque the rear strut rod bolts.

Torque: 113 Nm (1,150 Kg.cm, 83 ft.lb)

OPCODE	DESCRIPTION	TIME	OPN	T1	T2
SU6010	Knocking noise under floor in rear	0.5	48780-33010	91	57

Applicable Warranty Coverage: 4 years/50,000 miles Basic Warranty Coverage.

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WARRANTY INFORMATION:

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