

# TOYOTA

## SERVICE BULLETIN

TOYOTA MOTOR SALES, U.S.A., INC.

VOLUME  
**10**

REFERENCE AUDIO  
NUMBER 009  
DATE 08-18-89  
MODEL '89 MX

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### '89 CRESSIDA SPEAKER STATIC DURING POWER MIRROR OPERATION

To reduce the audio system's electric motor static noise during power mirror operation on the 1989 Cressida, a noise filter has been installed in the power mirror circuit.

#### PRODUCTION EFFECTIVE:

From VIN  
JT2MX83##K0018437

Production Effective  
February 22, 1989

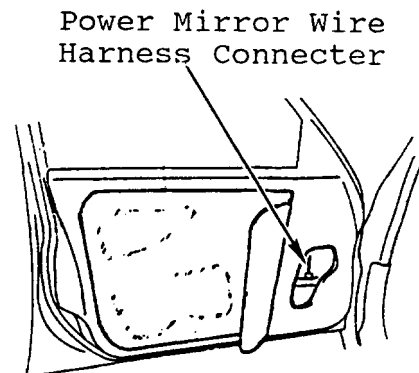
#### PART INFORMATION:

Quantity	Part Number	Description
2 (1 per side)	90980-05164	Filter, Noise

#### REPAIR PROCEDURE:

To reduce electrical motor static noise on vehicles produced before February 22, 1989, use the following procedure:

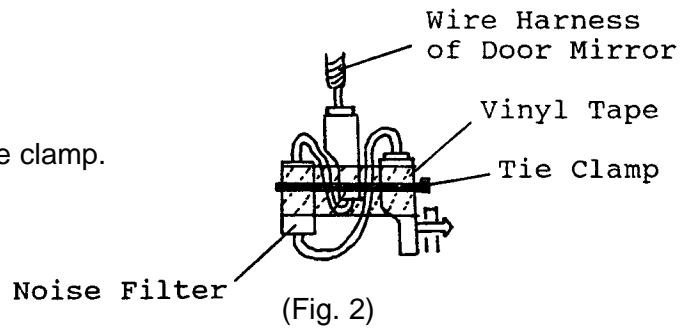
1. Operate the power mirrors while listening to the audio system to confirm that the electric motor static noise is caused by power mirror operation.
2. Remove inner door panel and speaker from both front doors. **Repeat Steps 3 through 6 for both doors.**
3. Carefully pull back waterproofing plastic to uncover front service hole and locate power mirror wire harness connector. (See Figure 1.)
4. Unplug the connector and insert the Noise Filter (90980-05164) in-line.



(Fig. 1)

**'89 CRESSIDA SPEAKER STATIC DURING POWER MIRROR OPERATION (Cont'd)**

5. Tape down the Noise Filter to the female wire harness connector with electrical tape (wrap around both Noise Filter and connector twice) and secure the filter with a plastic tie clamp. (See Figure 2.)



6. Carefully cover the service hole and re-install speaker and inner door panel.
7. Confirm that the electric motor noise is eliminated.

**NOTE: Check to see that the door lights, mirrors, windows, speakers and door locks are all operating correctly.**