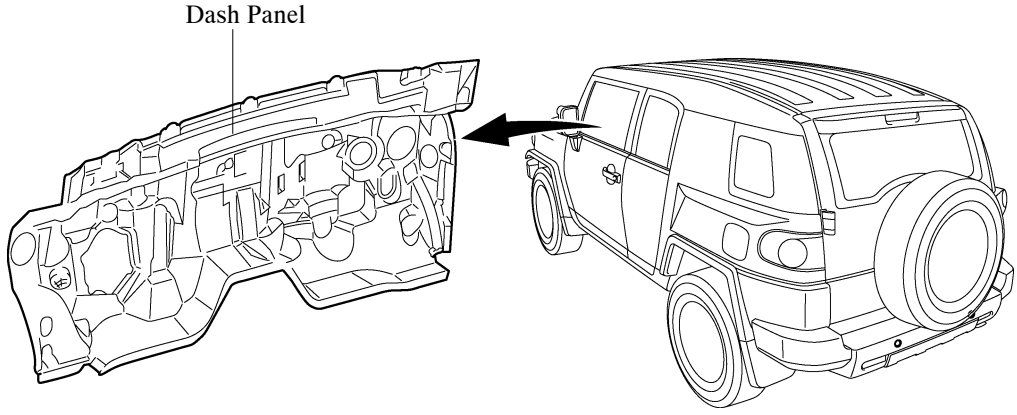
■LOW VIBRATION AND LOW NOISE BODY

1. General

Effective application of vibration damping and noise suppressing materials reduce engine and road noise.

2. Body Shell Construction

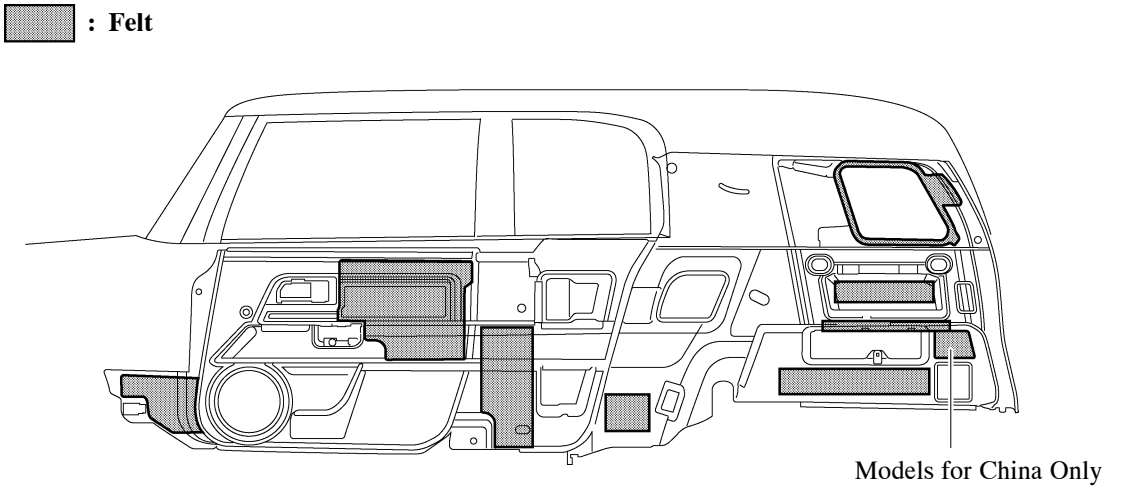
A dash panel silencer is used for the dash panel. The dash panel silencer is made of breathable material and has sound absorbing characteristics. The silencer improves sound insulation performance and achieves weight reduction.



0240BO09C

3. Sound Absorbing and Vibration Damping Materials

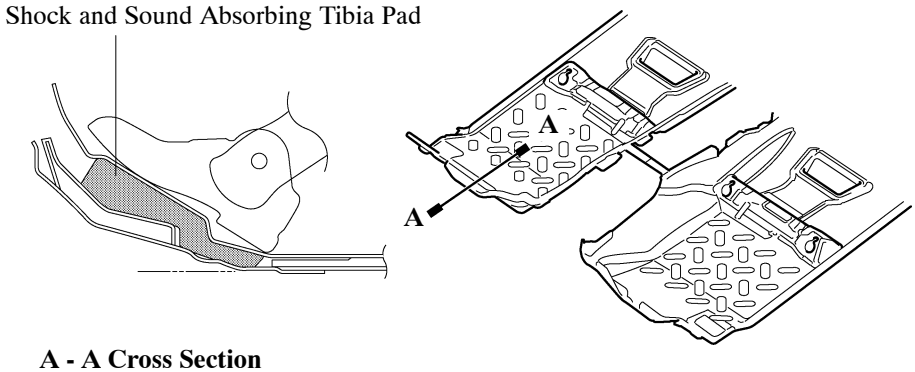
To reduce noise and vibration, felt with a thickness of 10 mm (0.39 in.) is used for the inner cowl side trim, front door trim, access door trim, and quarter glass.



07D1BO03C

4. Floor Pad

A sound absorbing pad is used for the floor pad on the front passenger side to reduce shock and absorb noise from the floor.



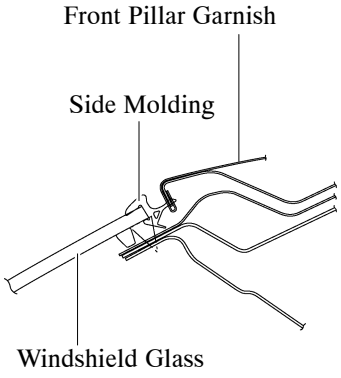
A - A Cross Section

0240BO11C

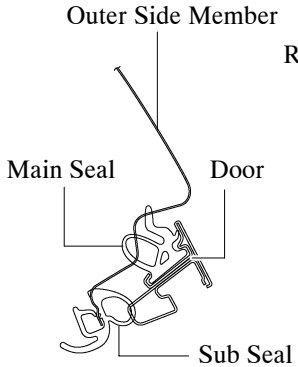
5. Reducing Wind Noise

The following items are used to reduce wind noise:

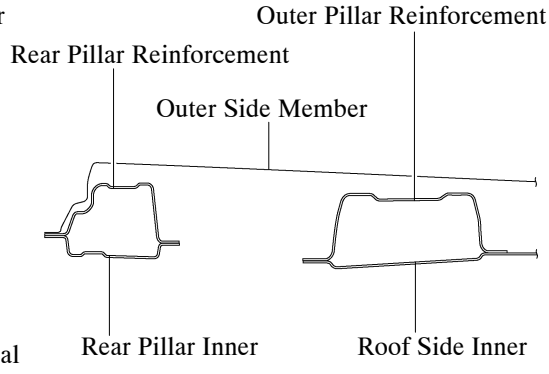
- Outer Side Member
- Front Pillar Garnish
- Front Pillar Reinforcement
- Fender Panel
- Rear Pillar Reinforcement and Quarter Pillar Reinforcement
- Rear Pillar Lower Reinforcement



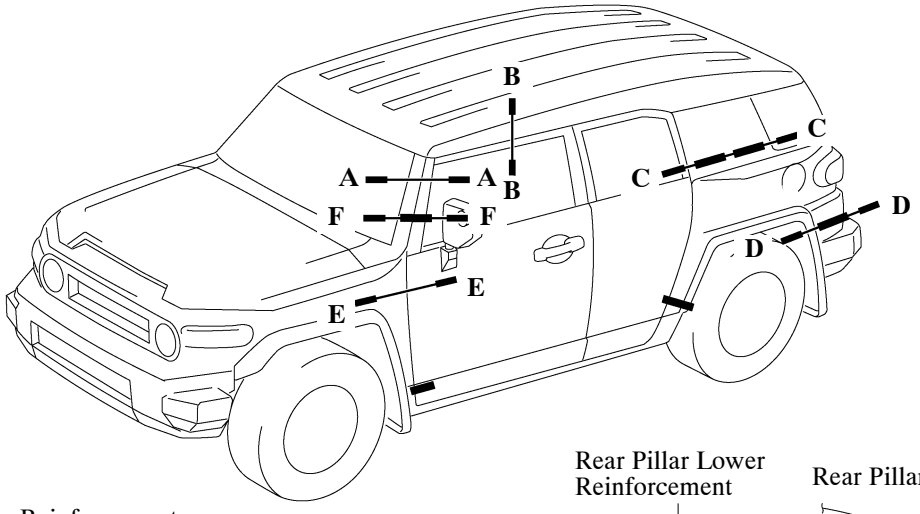
A - A Cross Section

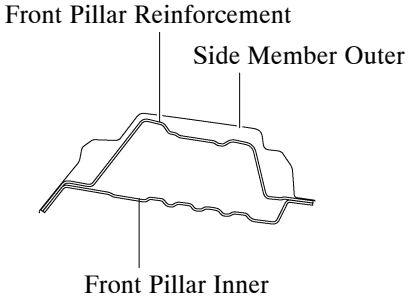


B - B Cross Section

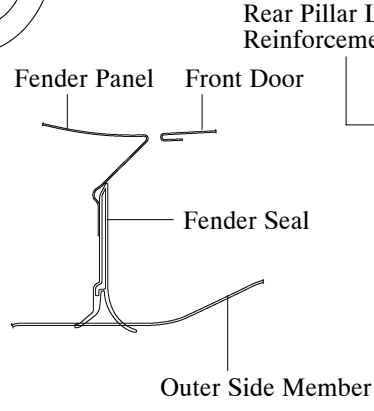


C - C Cross Section

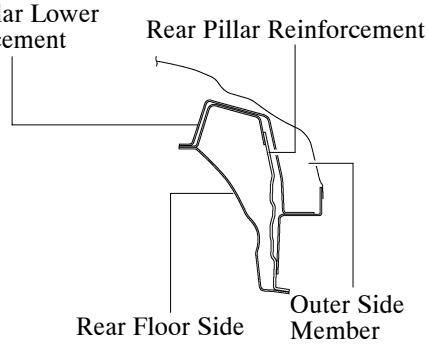




F - F Cross Section



E - E Cross Section



D - D Cross Section