

**Wheels:** A question from Debbie says, “I have a 1997 Honda CRV that emits a buzzing sound when it gets from 2000-2500 RPMs, and then disappears after 2500 RPMs. I took it to a shop and they could not identify any problems on their diagnostic screen, but after sitting in the car, identified that there was a problem. They then told me it was due to a faulty engine mount and charged me \$250 to replace it. The noise is still present. Their answer is to bring it back in and they could put the old engine mount back on and try something else, but I would still be stuck with the labor charges. As you can understand, I am reluctant to let them try adding a piece at a time until I am broke or they get it right. What should my next step be, and what do you think could be wrong with the car?”

**Halderman:** Most of the time this type of vibration is due to the exhaust system – either a broken exhaust mount or a pipe that is bent by road debris or other causes. I suggest you find a shop that has an electronic vibration analyzer (EVA) and a trained technician who can use the test equipment to determine the exact frequency of the vibration and know how to identify what parts vibrate at that frequency. This is the only way I know for sure to find the problem. Try a visual inspection first, and then start asking around for dealers or shops that have the necessary test equipment.

