



FIGURE 23-4 The sensing wire in a typical hot wire mass air flow sensor.



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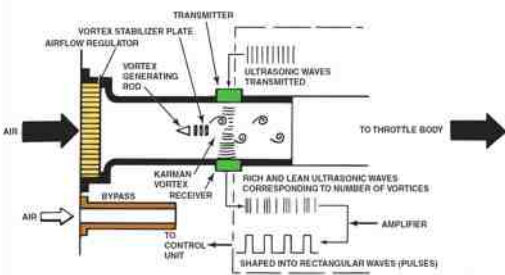
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FIGURE 23-5 A Karman Vortex air flow sensor uses a triangle-shaped rod to create vortices as the air flows through the sensor. The electronics in the sensor itself converts these vortices to a digital square wave signal.



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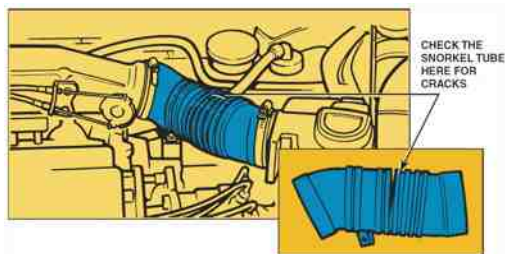
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FIGURE 23-6 Carefully check the hose between the MAF sensor and the throttle plate for cracks or splits that could create extra (false) air into the engine that is not measured by the MAF sensor.



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