

**Wheels:** An e-mail from Gary states, “I have a 1999 Ford F150 pickup truck, which I love but I have a lot of interference with my ham radio equipment. I heard that there is a technical service bulletin regarding this issue. Can you help?”

**Halderman:** I checked service information and discovered several technical service bulletins (TSBs) that relate to radio interference issues. It appears that Ford ran the ground wire for the electric fuel pump from the fuel tank to a ground connector under the dash. As a result, any radio frequency interference created by the fuel pump motor is being “broadcast” from the long ground wire. Ford recommends that this ground wire be cut near the fuel tank and grounded to the frame of the vehicle to eliminate this problem.

**Wheels:** Is there anything else Gary can do if the Ford procedure does not work?

**Halderman:** Adding braided ground straps between the engine and the body and between the body and frame is always a good step to eliminate radio or sound system interference. Be sure to use straps long enough to allow the engine to move on its mounts and avoid placing the ground straps near any moving parts or sensors.

