

Wheels: In an e-mail Herman says, “I have a problem with my 2002 Ford F-150. The “service engine soon” light is on continuously. The truck runs fine with no noticeable problems. I took it to an auto parts store so they could hook it up to their computer. The computer came back with a P0402 fault (EGR flow excessive). I got the manual out to try to find the problem, but it was no help. The codes are good to have but you need a way to pinpoint the problem. Do you have any advice on what the problem might be?”

Halderman: You are right, the code does not tell you what is wrong and that is also why this problem may be best handled by a professional. This code is not as common as the “lack of EGR flow” which is usually caused by clogged passages in the EGR system. The code you have could be set as a result of a bad MAP sensor and/or oxygen sensor because these sensors are used to detect the flow of exhaust gases during a test where the EGR system is being checked by the computer. The professional technician will likely have to connect a scan tool and look at the data that was stored when the code was set to get a better idea where to start the diagnosis. A problem diagnosis is important to avoid replacing many parts that may not be the problem.

