

Technical Bulletin



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Page: 1 of 1

Subject: Troubleshooting “Mod 42” or “Module 42” Diagnostic Trouble Codes

The purpose of this Bulletin is to clarify the actions to take when a “Mod 42” or “Module 42” Diagnostic Trouble Code (DTC) is reported on certain vehicle dash displays. It is important to understand that the cause of this DTC is unlikely to be related to the radar system.

“Mod 42” or “Module 42” DTCs may be caused by one, or more, of these systems using the J1939 communication network on the vehicle, such as the:

- brake system
- dash
- engine
- logistic tracking systems
- radar system, or
- transmission

Bendix is aware that this DTC has sometimes been erroneously associated with radar issues, however this DTC requires further investigation to accurately diagnose. We caution that any assumption that this DTC is a radar problem may result in unnecessary maintenance being performed.

Actions To Take

To investigate the “Mod 42” or “Module 42” DTC, we recommend that the vehicle be serviced by the dealer or other qualified technician with access to the full range of diagnostic tools to investigate all the systems using the J1939 network to determine the root cause.

The dealer or other qualified technician can use Bendix® ACom® Diagnostics to obtain a DTC report for both the Bendix ABS and radar systems. If there are, in fact any ABS or radar issues, use the applicable Bendix Service Data sheets (available for download from www.bendix.com) to help address the problem.

Additional assistance is available from the Bendix Tech Team at 1-800-AIR-BRAKE (1-800-247-2725), select option 2, then 1.

