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ZF 8HP – NO COMMUNICATION WITH EGS

2019-08-27

MODEL

E-Series	Model Description	Production Date	Affected Option Code / Engine
All	With 8-speed ZF brand 8HP transmission		

SITUATION

During ISTA diagnosis or programming, communication with the transmission's EGS module cannot be established.

- Fault code S0235 ("no communication with EGS") is displayed in the ISTA diagnostic protocol

ISTA test plan directs the technician to:

- Check power supply
- PT CAN pins integrity at EGS connector Y21*1B

After finding no problems there, the test plan instructs to replace the Mechatronic control module.

CAUSE

The vehicle (usually owned by a car rental company) may be equipped with an aftermarket tracking device, connected to the OBD connector via a V-cable adapter. The tracking device-

- Interrupts diagnostic communication via the OBD line
- Is hidden under the dashboard
- Does not create any transmission drivability related complaints

Prior to starting any diagnosis, first check for the presence of a tracking device V-adapter, and disconnect it.



The V-adapter harness is shown installed to the OBD connector.

The OBD connector's part of an adapter is shown attached to dashboard support (usual location).

The other end of the OBD V-cable adapter, with the vehicle's tracking device connected.

The V-cable with the attached tracking device is hidden under the dashboard.



CORRECTION

Locate and remove vehicle's tracking device during diagnosis/programming session.

- If programming is successful, reconnect the tracking device

If communication with the EGS still cannot be established, continue diagnosis by following the ISTA test plan. Only replace the Mechatronic if prompted by the test plan, and after approval of ZF TeileClearing.

WARRANTY INFORMATION

For information only.