

POWERTRAIN

P0A78 CODE IN GEN 4 TRANSMISSION

Customer Voice:

- Engine light on the Instrument cluster.

Technical Description:

- P0A78 code in the Transmission control module.

Action:

- Follow TOPIX workflow for the code.
- Verify all 12V and 48V connections to the MHEV system by:
 - Be sure to remove anything covering the contacts so a thorough examination can be performed.
 - Examine them for any discoloration or deformation of the contacts, covers, or insulation.
 - Check the tightness of the contacts.
 - Please provide photos in an EPQR.

Reference TOPIX: 610-01: Electric Vehicle System - General Information - [+] MHEV

Range Rover

- 24MY Range Rover
- 24MY Range Rover Sport



P0A78 CODE IN GEN 4 TRANSMISSION- CONTINUED

The connections examined should include, but not be limited to:

1. Six HV junction box studs.
2. All connections in the MHEV box. These include, but are not limited to:
 - The EPICD (DC/DC) : 48V+; 48V-; 12V+; and 12V- terminals.
 - You will need to remove caps to see the terminals.
 - Three BECM studs.
 - You will need to remove the MHEV box to check all of them.
3. The two 48V system and one 12V system ground studs to chassis on the bottom of the car.

Range Rover

- 24MY Range Rover
- 24MY Range Rover Sport

