

|                      |  |
|----------------------|--|
| <b>Reference</b>     | SSM76346   |
| <b>Models</b>        | New Range Rover / L460<br>New Range Rover Sport / L461   |
| <b>Title</b>         | Gearbox Fault Warning Message and Unable to Select D or R With DTC P0850-94 Stored in the TCM  |
| <b>Category</b>      | Driveline  |
| <b>Last modified</b> | 17-Jun-2025 00:00:00   |
| <b>Symptom</b>       | 501000 Automatic Transmission Concerns   |
| <b>Content</b>       | <p><b>Model / Model Year / Derivative</b></p> <p>Range Rover / 24 - 25MY / V8 T/C 4.4L Petrol and Ingenium 3.0L I6 Petrol PHEV<br/>Range Rover Sport / 24 - 25MY / V8 T/C 4.4L Petrol and Ingenium 3.0L I6 Petrol PHEV</p> <p><b>Situation:</b></p> <p>JLR Engineering investigations have identified some vehicles may display a 'Gearbox Fault' warning message on the instrument panel cluster. The customer may raise a concern that they are unable to select DRIVE (D) or REVERSE (R) when the transmission is in PARK (P) and/or if 'D' is selected, the transmission may be restricted to first and second gears only. As a result, the customer may notice unusually high engine revs and reduced power output. Further investigation has identified the following Diagnostic Trouble Code (DTC) stored in the Transmission Control Module (TCM):</p> <p>P0850-94 - Park/Neutral Switch Input Circuit</p> <p><b>Cause:</b></p> <p>The root cause is under investigation by JLR Engineering.</p> <p><b>Service Information:</b></p> <p>Do not replace any components to rectify this concern, instead follow the instructions in the Action section below.</p> |

**Action:**

1. Use the approved JLR diagnostic equipment to clear the DTC stored in the TCM.
2. Allow the vehicle to complete a sleep cycle by following the steps below.
  - Switch the ignition OFF
  - Close all doors, tailgate and hood
  - Make sure all keys are over 3 meters away from the vehicle
  - Lock the vehicle
  - Monitor the hazard indicator. The backlight will extinguish when the vehicle has fully shutdown.
3. After the vehicle has completed the sleep cycle, unlock the vehicle and switch the ignition ON.
4. Make sure the instrument panel cluster does not display any warning messages before releasing the vehicle to the customer.

JLR Engineering is currently developing a permanent corrective action for this issue. Once available, this SSM will be updated accordingly.

(Reference: 000386199/4761)

anBhdHRicnM7MjAyNS0wNi0xN1OxMT00MzowNC4yMDFaQzE2NS4yMjUuMjUwLjg3Ow==