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| **Reference** | SSM75806 |
| **Models** | Defender / L663<br>Discovery / L462<br>Range Rover Velar / L560 |
| **Title** | 22-23MY 8HP45/70 8-spd transmission lever displays 'N' (Neutral) after auto stop/start event |
| **Category** | Driveline |
| **Last modified** | 02-Aug-2022 00:00:00 |
| **Symptom** | 504000 Other Automatic Transmission Concerns |
| **Content** | Issue:<br>Following an auto stop/start event the gear selector displays 'N' (Neutral) without any transmission selector operation. "D" (Drive) selectable only after 'P' (Park) or 'R' (Reverse) is selected.<br>No transmission diagnostic trouble codes are logged. Transmission has initiated fail safe mode in error.<br><br>Models affected are 22MY Velar, 23MY Defender and Discovery.<br><br>Cause:<br>Software calibration issue within the Transmission Control Module (TCM).<br><br>Action:<br>Update the Transmission Control Module (TCM) as per the instructions below which are also in Topix 311-02 under diag and testing, external controls<br><br> Please Note – This software update of the Transmission Control Module (TCM) will be conducted using TOPIx Cloud Diagnostics.<br><br>1. Connect the JAGUAR LAND ROVER approved battery support unit.<br>2. Please ensure the latest version of the Diagnosis Device Agent is installed.<br>3. Launch Diagnosis Device Agent (DDA) and log in.<br>4. Select 'Browse all' in 'OPTION SELECTION'.<br>5. Within the Diagnostics tab, select "Module" in the "Vehicle Data Modules" section. |

6. Within the "Applications and Troubleshooting" section select the "Module Programming" tab.

7. Select 'TCM - Software - Update Module'.

8. Select 'Run'.

9. Follow all on-screen instructions and complete the routine.

10. Disconnect the JAGUAR LAND ROVER approved diagnostic equipment and the JAGUAR LAND ROVER approved battery support unit.

For further training with regards to TOPIx Cloud software downloads in general please refer to online training material QDMX02401 TOPIx Cloud Diagnostics - Module Programming, Service & PDI.

Thank you in advance for your assistance with this matter.

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