

SB-10056249-1975

Reference	SSM71884
Models	Range Rover Evoque / L538
Title	12MY L538 PSCM (EPAS) not communicating with vehicle
Category	Chassis
Last modified	17-Jul-2014 00:00:00
Symptom	303000 Steering/Handling
Content	<p><u>Issue:</u> The PSCM (Power Steering Control Module) at 12MY L538 from VIN CH600000 to VIN CH631089, has in some cases been reported to experience a break in communication with the vehicle post a software update. Incorrectly, dealers have been changing the steering gear to fix the issue.</p> <p><u>Cause</u> If an attempt to download the (slow-ratio) software onto a 12MY L538, IVS (In vehicle software) will give them a different (fast-ratio) version of the software. Once downloaded, this software will cause the PSCM (Power Steering Control Module) to go to an error state and stop communicating with the rest of the vehicle.</p> <p><u>Action:</u></p> <ul style="list-style-type: none"> · Confirm that the steering gear model year is the same as the vehicle model year. · Confirm that the PSCM (Power Steering Control Module) was communicating with the vehicle before the programming was completed. · Please follow the procedure outlined below. <p>Apply the fix:</p> <ol style="list-style-type: none"> 1. Disconnect any communication devices from the SDD machine. 2. Login to SDD 3. Select 'Continue' on the SDD Warning screen. 4. Select 'Manual VIN Read' 5. Select 'Settings' tab on the top right of the screen. 6. Select 'System Utilities' tab on the top middle of the screen 7. Select 'Manual Patch Update'. 8. A pop-up will be displayed for Manual patch selection dialog box. 9. Enter 'MP_L538_PSCM' in the Manual patch selection dialog box. 10. Select 'OK' 11. The Software Manager wizard will then download the fix file from the server. 12. Select 'OK' in the Manual patch update information pop up. 13. Select 'OK' when the "Please shut down SDD before continuing" message is displayed. 14. 'Please wait' message is displayed. 15. Select 'OK' when the "Package has been installed" message is displayed. 16. Select 'OK' in the Manual patch update information pop up. 17. Close SDD 18. Start a new session 19. Program the PSCM as a new module 20. When PSCM programming complete, close SDD session. 21. Shut down SDD machine and restart <p>If the procedure is not successful in restoring communication between the PSCM (Power Steering Control Module) and the vehicle, please contact JLR Technical Support for further assistance.</p>