

Reference	SSM73409
Models	Discovery / L462 LR3 / L319 Range Rover / L322 Range Rover / L405 Range Rover Sport / L494
Title	Land Rover 8 Speed Automatic Transmission
Category	Driveline
Last modified	21-Mar-2018 00:00:00
Symptom	503000 Automatic Transmission Engagement Concerns
Content	<p><u>Issue:</u> Powertrain Transmission Module Learn Adaption routine has been instated on SDD/Pathfinder.</p> <p><u>Cause:</u> The routines have been installed after enhancements were made to each, following feedback from the market, as of Version 152 Patch 2</p> <p><u>Action:</u> Should a customer contact a retailer regarding Automatic Transmission shift quality on 8 Speed variants, please follow the routine below in the first instance after fully understanding and confirming the customer concern.</p> <ol style="list-style-type: none"> 1.Ensure Transmission and other relevant Powertrain control modules are at the latest software level available. 2.If there are any DTC's read by the diagnostic tool, resolve them, before proceeding. 3.Using the routine, "Powertrain – Transmission control module adaptations", ensure that all the clutches have at least 3 adaption counts. 4.If any of the clutches have less than 3 adaption counts, carry out an adaption drive cycle using, "Powertrain Transmission Module Learn Adaption" to achieve a minimum of 3 counts on each clutch. 5. If the shift quality concern is still present carry out an adaption drive cycle using, "Powertrain Transmission Module Pulse Adaption" routine to achieve a minimum count of 3 on each. 5.If all the clutches have at least 3 adaption counts and all Powertrain modules have the latest software, should there still be a shift quality concern, raise a TA, with a screen shot of your adaption status. The TA will advise further help in order to resolve the issue You may also be asked to provide the session file detailing "Powertrain – Transmission control module adaption" routine.

Technicians - Please rate this SSM and provide comments so that future communications can be improved.

1 = Poor – Basic information provided – The SSM does not help me resolve the customer concern.

3 = Average – Adequate information provided – The SSM partially helps me resolve the customer concern.

5 = Excellent – All required information provided to resolve the customer concern.