

Reference	SSM73127
Models	LR4 / L319 Range Rover / L405 Range Rover Sport / L320 Range Rover Sport / L494
Title	3.0 & 5.0L Supercharger Noise post TSB's
Category	Engine
Last modified	09-Jun-2017 00:00:00
Symptom	497000 Engine Noise

Content **Issue:** JLR is investigating 3.0L & 5.0L Supercharger noise, post VIN's on LTB00482v7 & LTB00669v2

- Range Rover - EA161434
- Range Rover Sport - EA355008
- Discovery 4 - EA710800

Cause: No fault identified to date. JLR engineering investigation is underway.

Action: Please remove the S/C drive belt to see if the noise disappears.

- If it remains, please continue to investigate the source of the noise.
- If the noise disappears, refit the drive belt and run the below test 'Noise, Vibration & Harshness test - Accessory drive belt.

Noise, Vibration & Harshness test - Accessory drive belt Diagnostic procedure:

Select the following symptoms:

- Powertrain - Engine system - Engine performance - Noise

Run the following candidate:

- Special applications - Noise, Vibration & harshness sensor diagnostic test - Accessory drive belt - ID 70710
- **NOTE: DO NOT** replace any parts if the 'Accessory belt NVH procedure' application requests you to do so. This exercise is purely for data gathering purposes only, as no specific S/C NVH sensor application is available at present.

If the noise is believed to be from the supercharger unit, then proceed to change the complete unit assembly, and retain it for priority returns request. Please then send an email to ksheriff@jaguarlandrover.com & thooper2@jaguarlandrover.com with reference to SSM73067

and submit an ePQR.

Thank you in advance for your assistance in this matter.

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.