

Reference	SSM75409
Models	Range Rover Velar / L560
Title	Range Rover Velar Click Noise On Full Left - Right Lock From Front Wheel Area At Low Speed.
Category	Chassis
Last modified	21-Oct-2022 00:00:00
Symptom	303000 Steering/Handling
Attachments	11Front axle hub click noise (Attachment 3).pptx (11Front axle hub click noise (Attachment 3).pptx) 11Hub click noise wheel off.mp4 (11Hub click noise wheel off.mp4) 11Road_test_hub noise.mp4 (11Road_test_hub noise.mp4)

Content Issue:
Customers may experience a clicking/ticking noise whilst turning left or right and full lock at low speeds. Noise originating from the front wheel hub area.

Cause:

Brake disc to wheel hub flexing/moving during cornering loads allows stick-slip movement of the disc along the wheel hub spigot.

Action:

- Confirm customer complaint from the front wheel area.(Attached media files)
- Remove road wheels.
- Follow TOPIx WSM-27558 remove and instalation front brake discs
- Clean hub spigot area (Attachment 3)
- Apply Molycote grease to hub area (MOLYKOTE® Cu-7439 Plus Paste) or equivalent anti seize compound.
- Care point not to get Molycote grease on the wheel nut hub threads
- Check wheel nuts have free spinning captive washers – if they do not have free spinning washers, replace affected wheel nuts.
- Refit the road wheels.

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