

Reference	SSM73954
Models	Range Rover Velar / L560
Title	Brake Disc Friction face corrosion
Category	Chassis
Last modified	16-Jul-2018 00:00:00
Symptom	301000 Service Brake System
Attachments	Heavy disc corrosion image 2.pdf Visible disc corrosion image 1.pdf

Content

Issue: Visible corrosion on the vehicle brake disc friction faces which results in a grinding noise or judder.

Cause: Environmental influences where the vehicle has been stored or has had little use.

Action: Inspect discs.

For vehicles where visible brake disc surface corrosion is visible as illustrated (Image 1), and where a grinding noise or vibration may be present, disc replacement is not necessary. In these cases, the retailer may advise the customer that the brake disc condition will improve after a period of normal use, and may return the vehicle to the customer.

Where requested, an example of a typical drive cycle and brake deployment may be suggested as follows:

Where safe and reasonable to do so, use the brakes to decelerate when required by the traffic conditions. Braking from a moderate speed 50-56 km/h (30-35 mph) is adequate with moderate deceleration, avoiding the use of engine braking or coasting to slow down.

In cases where heavy brake disc surface corrosion is visible as illustrated (Image 2), and where grinding/vibration is present, replace the discs.

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.